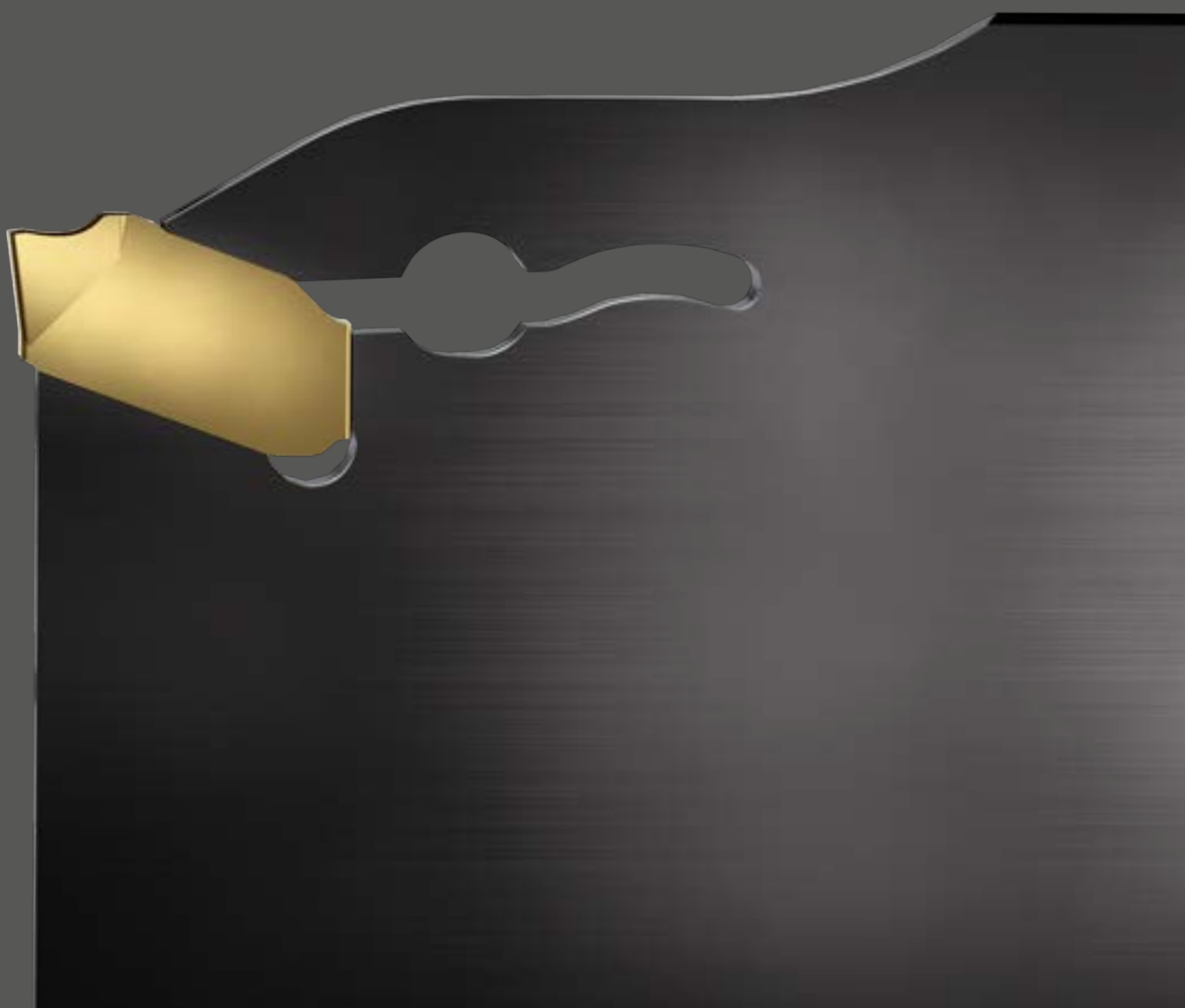


Turning tools

GENERAL TURNING
PARTING AND GROOVING
THREAD TURNING
MULTIFUNCTIONAL TOOLS
TOOL HOLDING
TURNING TOOL ADAPTERS





Let us introduce our new catalogs

The catalog consists of two volumes: Rotating tools and Turning tools. In total, over 20,000 standard products released before April 2017 are included.

Turning Tools – General Turning, Parting and Grooving, Thread Turning, Multi-functional Tools, Tool Holding, and Turning Tool Adapters

Rotating Tools – Indexable Milling, Indexable Drilling, Boring, and Rotating Tool Adapters

For our offer of round tools, please see our **Solid Round Tools** catalog.

Use the product overviews to find your area of interest, and a reference will take you to the actual ordering page. The ordering page will then take you to related products, such as holders and inserts, if you follow the references at the bottom of the page.

Our total offer of approximately 55,000 standard products can be found at www.sandvik.coromant.com. If none of these products fit your requirements, we have a wide range of products that can be tailored upon your request.

Please note that product data can change over time. Please visit www.sandvik.coromant.com to be sure of getting the latest measurements and tolerances, get detailed cutting data, and order all available products and spare parts.



Explanation of reference symbols:



Inserts



External tools



Internal tools



Adapters



Tool holders



CoroTurn® SL adapters



Accessories



Cutting data



Grade description



Geometry Description



Parameter explanation



Tailor Made



Code key



Coolant information



Information



First Choice

Good choice

Not available

Our First Choice recommendation is a good starting point for most operations, from which you can choose a grade with other attributes, if needed.

A	
A	General turning
B	Parting and grooving
C	Thread turning
D	Multi-functional tools
E	Tool holding
F	Turning tool adapters
G	Accessories
H	General information
D	
E	
F	
G	
H	

General turning

CoroTurn® Prime A3

Inserts A4
External tools A7-A13
Internal tools A14-A15

CoroTurn® 300 A16

Inserts A17
External tools A18-A20

CoroTurn® TR A21

Inserts A22-A23
External tools A24-A34
Internal tools A35-A307

CoroTurn® 107 A40

Inserts A41-A67
External tools A68-A106
Internal tools A107-A182

T-Max® P A184

Inserts A185-A225
External tools A227-A282
Internal tools A283-A307

T-Max® and T-Max® S A308

Inserts A309-A316
External tools A317-A335
Internal tools A336-A337

CoroTurn® XS A338

Cutting tools A339-A345
Adapters F2

CoroCut® XS A346

Inserts A347
External tools B132-B133

CoroTurn® 111 Web

www.sandvik.coromant.com/coroturn111

CoroCut® MB Web

www.sandvik.coromant.com/corocutmb

	Application		Operation	Cutting tool material				Rec. hole size
	External	Internal		Carbide	Ceramic	CBN	PCD	
CoroTurn® Prime	X	X	Roughing to finishing	X				Ø>40mm (Ø>1.574 inch)
CoroTurn® 300	X		Medium to finishing	X				
CoroTurn® TR	X	X	Medium to finishing	X		X		Ø>35 mm (Ø>1.378 inch)
CoroTurn® 107	X	X	Medium to finishing	X		X	X	6-80 mm (.236-3.15 inch)
T-Max® P	X	X	Roughing to finishing	X	X	X		Ø>50 mm (Ø>1.97 inch)
T-Max®	X	X	Roughing to finishing		X	X	X	Ø>32 mm (Ø>1.26 inch)
T-Max® S	X		Roughing to finishing		X	X	X	
CoroTurn® XS		X	Finishing	X		X		0,3-10 mm (.012-.394 inch)
CoroCut® XS	X		Finishing	X				

CoroTurn® Prime

Introducing a completely new turning method

Application

- Roughing
- Finishing
- Profiling

ISO application area:



Benefits and features

- Higher cutting data gives increased output of components and reduced cost per component
- Chip control and long tool life give higher security in production
- Reduction in temperature at the cutting edge means improved tool life



www.sandvik.coromant.com/coroturnprime

A-type

- Versatile and flexible – For light roughing, finishing and profiling
- Three 35° corners
- Wiper (08) for excellent surface finish
- Grades available: GC4325, GC2025, GC1115, H13A



B-type

- Stronger insert for rough machining
- Two corners
- Wiper for excellent surface finish
- Grades available: GC4325, GC2025, GC1115, H13A



Inserts

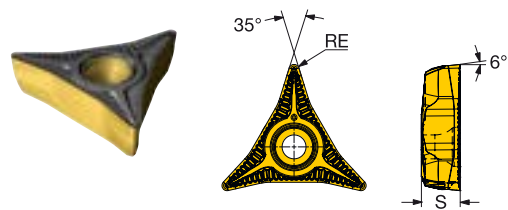
A-type	B-type
A4	A4

Tools

Coromant Capto® cutting units	Shank tools	QST™ shank tools	CoroTurn® SL heads
A7-A9	A10-A11	A12-A13	A14-A15

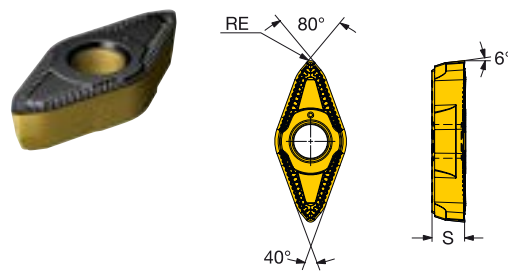
CoroTurn® Prime insert for turning

A-type insert



		SSC	S	RE	ISO CODE	P		M		K		S	
						4325	H13A	1115	2025	H13A	4325	1115	H13A
Finishing	L5	CP-A	6.00	0.40	CP-A1104-L5	★	☆	★		★	★		
			.236	.016									
			6.00	0.79	CP-A1108-L5	★	☆	★		★	★		
			.236	.031									
	L5W	CP-A	6.00	0.79	CP-A1108-L5W	★	☆	★		★	★		
			.236	.031									
L3WX	L3	CP-A	6.00	0.79	CP-A1108-L3	★	☆	★	☆		★	☆	
			.236	.031									
	L3WX	CP-A	6.00	0.79	CP-A1108-L3WX	★							
			.236	.031									

B-type insert



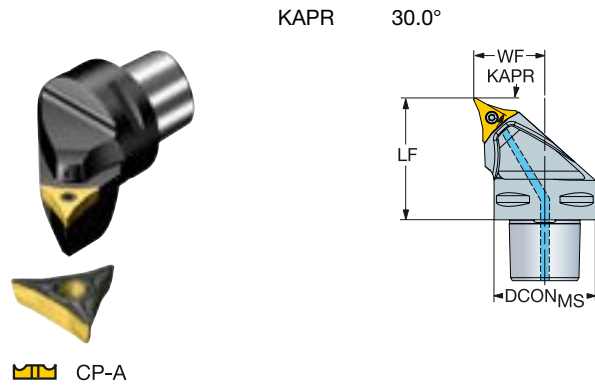
		SSC	S	REEQ	RE	ISO CODE	P		M		K		S	
							4325	H13A	1115	2025	H13A	4325	1115	H13A
Finishing	L4	CP-B	5.00	0.8	0.79	CP-B1108-L4	★	☆	★		☆		★	☆
			.197	.031	.031									
	L4W	CP-B	5.00		0.79	CP-B1108-L4W	★	☆	★		☆		★	☆
			.197		.031									
Medium	H3	CP-B	5.00	0.8	0.79	CP-B1108-H3	★	☆		★	☆	★	★	
			.197	.031	.031									
	H3W	CP-B	5.00		0.79	CP-B1108-H3W	★	☆	★		☆	★	★	
			.197		.031									
	M5	CP-B	5.00	0.8	0.79	CP-B1108-M5	★		☆	★	☆		★	
			.197	.031	.031									
M5W		CP-B	5.00		0.79	CP-B1108-M5W	★		☆	★	☆		★	
			.197		.031									

SSC = To correspond with SSC on holder.

CoroTurn® Prime cutting unit for turning

Screw clamp design

Coromant Capto® - Precision coolant supply



B

C

							Ordering code	Dimensions, mm, inch							MIID
	SSC	CZC _{MS}	DMIN ₁	DMIN ₂	RMPX	CNSC		DCON _{MS}	LF	WF					
	CP-A	C4	145.0	170.0	15°	3	C4-CP-30AR/L-27050-11C	40	50.0	27.0	150	3.0	0.47	CP-A1108	
			5.709	6.693				1.575	1.969	1.063	2175				
		C5			15°	3	C5-CP-30AR/L-35060-11C	50	60.0	35.0	150	3.0	0.79	CP-A1108	
								1.969	2.362	1.378	2175				
		C6	215.0	190.0	15°	3	C6-CP-30AR/L-45065-11C	63	65.0	45.0	150	3.0	1.25	CP-A1108	
			8.465	7.480				2.480	2.559	1.772	2175				

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts	
Insert screw	Nozzle
5513 020-10	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

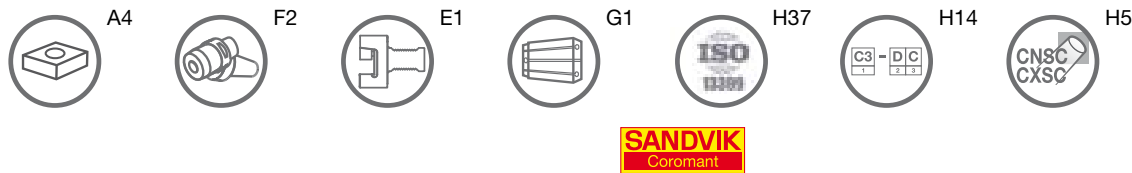
D

E

F

G

H



A

GENERAL TURNING

External tools

CoroTurn® Prime cutting unit for turning

Screw clamp design

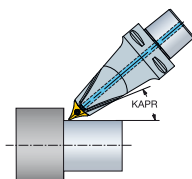
Coromant Capto® - Precision coolant supply

B

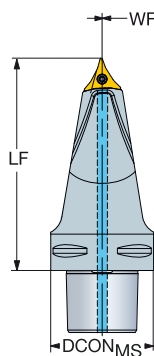


CP-A

KAPR



30.0°



C

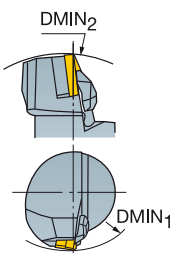
					Ordering code	Dimensions, mm, inch						MIID
	SSC	CZC _{MS}	RMPX	CNSC		DCON _{MS}	LF	WF				
	CP-A	C5	15°	3	C5-CP-75AL00115-11C	50	115.0	0.0	150	3.0	1.20	CP-A1108
						1.969	4.528	.000	2175			
		C6	15°	3	C6-CP-75AL00130-11C	63	130.0	0.0	150	3.0	0.00	CP-A1108
						2.480	5.118	.000	2175			
		C8	15°	3	C8-CP-75AL00160-11C	80	160.0	0.0	150	3.0	4.20	CP-A1108
						3.150	6.299	.000	2175			

D

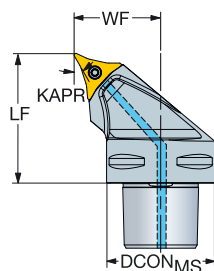


CP-A

KAPR



30.0°



E

							Dimensions, mm, inch							MIID
	SSC	CZC _{MS}	DMIN ₁	DMIN ₂	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				
	CP-A	C5	110.0	780.0	15°	3	C5-CP-A-30AR/L40060-11C	50	60.0	40.0	150	3.0	0.68	CP-A1108
			4.331	30.709				1.969	2.362	1.575	2175			
		C6	110.0	900.0	15°	3	C6-CP-A-30AR/L50065-11C	63	65.0	50.0	150	3.0	1.17	CP-A1108
			4.331	35.433				2.480	2.559	1.969	2175			

F

R = Right hand, L = Left hand

G

Spare parts		
Insert screw	Nozzle	Coolant screw
5513 020-10	5691 026-03	3213 010-256

For the complete list of spare parts, visit www.sandvik.coromant.com

H



A4



F2



E1



G1



H37



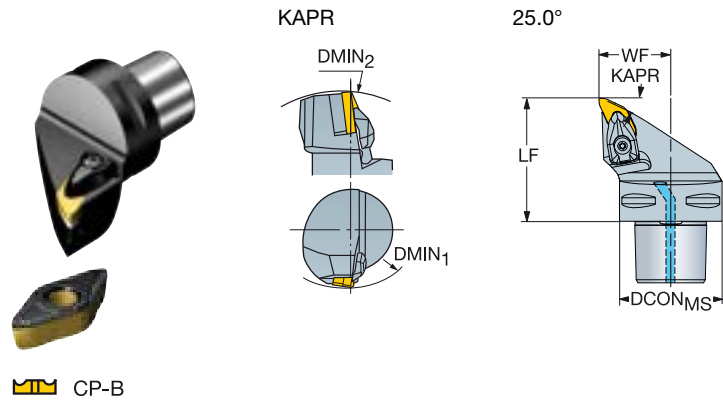
H14



H5

CoroTurn® Prime cutting unit for turning

Rigid clamp design
Coromant Capto® - Precision coolant supply

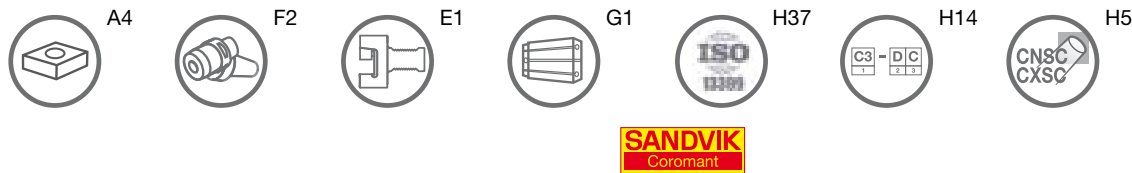


							Dimensions, mm, inch							MIID
	SSC	CZC _{MS}	DMIN ₁	DMIN ₂	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF	BAR PSI	NM	KG	
	CP-B	C4	240.0 9.449	260.0 10.236	23°	3	C4-CP-25BR/L-27060-11B	40 1.575	60.0 2.362	27.0 1.063	150 2175	3.0	0.51	CP-B1108
		C5			23°	3	C5-CP-25BR/L-35060-11B	50 1.969	60.0 2.362	35.0 1.378	150 2175	3.0	0.71	CP-B1108
		C6	340.0 13.386	280.0 11.024	23°	3	C6-CP-25BR/L-45065-11B	63 2.480	65.0 2.559	45.0 1.772	150 2175	3.0	1.21	CP-B1108

SSC = To correspond with SSC on insert. R = Right hand, L = Left hand

Spare parts		
Shim screw	Shim	Clamp set
5513 020-04	5322 610-01 S6	5412 028-021

For the complete list of spare parts, visit www.sandvik.coromant.com



CoroTurn® Prime cutting unit for turning

Rigid clamp design
Coromant Capto® - Precision coolant supply

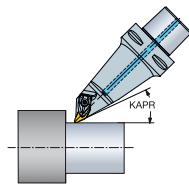
B



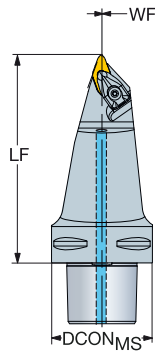
C

CP-B

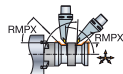
KAPR



25.0°



D



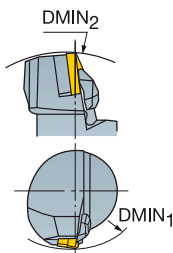
Dimensions, mm, inch										MID
SSC	CZC _{MS}	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF			
CP-B	C5	23°	3	C5-CP-70BL00115-11B	50	115.0	0.0	150	3.0	1.15
					1.969	4.528	.000	2175		
	C6	23°	3	C6-CP-70BL00130-11B	63	130.0	0.0	150	3.0	1.97
					2.480	5.118	.000	2175		
	C8	23°	3	C8-CP-70BL00160-11B	80	160.0	0.0	150	3.0	4.13
					3.150	6.299	.000	2175		

E

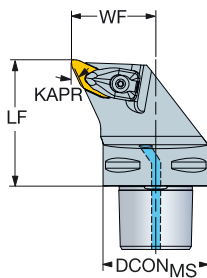


CP-B

KAPR



25.0°



F

Dimensions, mm, inch										MID
SSC	CZC _{MS}	DMIN ₁	DMIN ₂	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF	
CP-B	C5	140.0	150.0	23°	3	C5-CP-A-25BR/L40060-11B	50	60.0	40.0	0.67
		5.512	5.906				1.969	2.362	1.575	2175
	C6	150.0	150.0	23°	3	C6-CP-A-25BR/L50065-11B	63	65.0	50.0	1.21
		5.906	5.906				2.480	2.559	1.969	2175

R = Right hand, L = Left hand

G

Spare parts			
Shim screw	Shim	Clamp set	Coolant screw
5513 020-04	5322 610-01	5412 028-021	3213 010-256

For the complete list of spare parts, visit www.sandvik.coromant.com

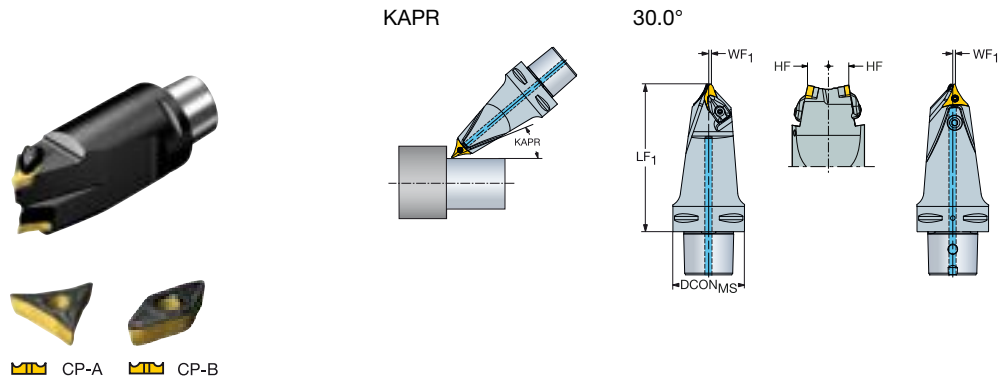
H



CoroTurn® Prime cutting unit for turning

Twin-tool

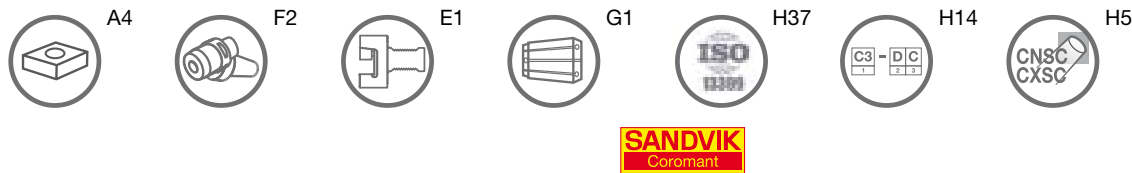
Coromant Capto® - Precision coolant supply



						Ordering code	Dimensions, mm, inch							MIID
	SSC	CZC _{MS}	RMPX	OHX	CNSC		DCON	LF ₁	WF ₁	HF	BAR PSI	NM	KG	
	CP-A	C6	15°	130.0	3	C6-T-A11B11L-130	63	130.0	2.0	20.0	80	3.0	2.28	CP-A1108
				5.118			2.480	5.118	.079	.787	1160			
	CP-B	C6	23°	130.0	3		63	130.0	2.0	20.0	80	3.0	2.28	CP-B1108
				5.118			2.480	5.118	.079	.787	1160			
	CP-A	C8	15°	160.0	3	C8-T-A11B11L-160	80	160.0	2.0	25.0	80	3.0	4.60	CP-A1108
				6.299			3.150	6.299	.079	.984	1160			
	CP-B	C8	23°	160.0	3		80	160.0	2.0	25.0	80	3.0	4.60	CP-B1108
				6.299			3.150	6.299	.079	.984	1160			

Spare parts					
Insert screw	Shim screw	Shim	Clamp set	Nozzle	Coolant screw
5513 020-10	5513 020-04	5322 610-01	5412 028-021	5691 026-03	5512 104-01

For the complete list of spare parts, visit www.sandvik.coromant.com



A

GENERAL TURNING

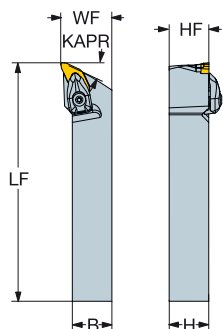
External tools

CoroTurn® Prime shank tool for turning

Rigid clamp design

KAPR

25.0°



B

C

CP-B

Metric version

						Ordering code	Dimensions, mm							MIID
	SSC	GZC _{MS}	RMPX	OHX	OHN		B	H	LF	WF	HF	NM	KG	
	CP-B	20 x 20	23°	40.0	37.9	CP-25BR/L-2020-11	20.0	20.0	125.0	25.0	20.0	3.0	0.43	CP-B1108
		25 x 25	23°	50.0	37.5	CP-25BR/L-2525-11	25.0	25.0	150.0	32.0	25.0	3.0	0.75	CP-B1108
		32 x 32	23°	64.0	37.3	CP-25BR/L-3232-11	32.0	32.0	170.0	40.0	32.0	3.0	1.37	CP-B1108

D

Inch version

						Dimensions, inch								MIID
	SSC	CZC _{MS}	RMPX	OHX	OHN	Ordering code	B	H	LF	WF	HF	FT/ LBS	LBS	
	CP-B	3/4 x 3/4	23°	1.500	1.472	CP-25BR/L-12-11	.750	.750	4.500	1.000	.750	2.2	0.882	CP-B1108
		1 x 1	23°	2.000	1.482	CP-25BR/L-16-11	1.000	1.000	6.000	1.250	1.000	2.2	1.742	CP-B1108
		1 1/4 x 1 1/4	23°	3.000	1.482	CP-25BR/L-20-11	1.250	1.250	6.000	1.498	1.250	2.2	2.646	CP-B1108

E

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts

Shim screw	Shim	Clamp set
5513 020-04	5322 610-01 S6	5412 028-021

F

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



A4



F2



E1



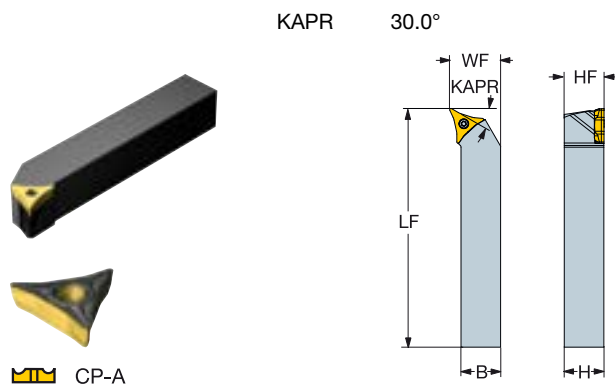
H37



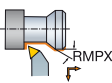
H14

CoroTurn® Prime shank tool for turning

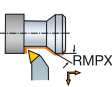
Screw clamp design



Metric version

						Dimensions, mm								
	SSC	CZC _{MS}	RMPX	OHX	OHN	Ordering code	B	H	LF	WF	HF	NM	KG	MIID
	CP-A	20 x 20	15°	40.0	23.7	CP-30AR/L-2020-11	20.0	20.0	125.0	25.0	20.0	3.0	0.43	CP-A1108
		25 x 25	15°	50.0	23.7	CP-30AR/L-2525-11	25.0	25.0	150.0	32.0	25.0	3.0	0.72	CP-A1108
		32 x 32	15°	64.0	23.7	CP-30AR/L-3232-11	32.0	32.0	170.0	40.0	32.0	3.0	1.36	CP-A1108

Inch version

						Dimensions, inch								MIID
	SSC	CZC _{MS}	RMPX	OHX	OHN	Ordering code	B	H	LF	WF	HF	FT/ LBS	LBS	
	CP-A	3/4 x 3/4	15°	1.500	.933	CP-30AR/L-12-11	.750	.750	4.500	1.000	.750	2.2	0.891	CP-A1108
		1 x 1	15°	2.000	.933	CP-30AR/L-16-11	1.000	1.000	6.000	1.250	1.000	2.2	1.653	CP-A1108
		1 1/4 x 1 1/4	15°	3.000	.933	CP-30AR/L-20-11	1.250	1.250	6.000	1.498	1.250	2.2	2.646	CP-A1108

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts

Insert screw
5513 020-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A4



F2



E1



H37

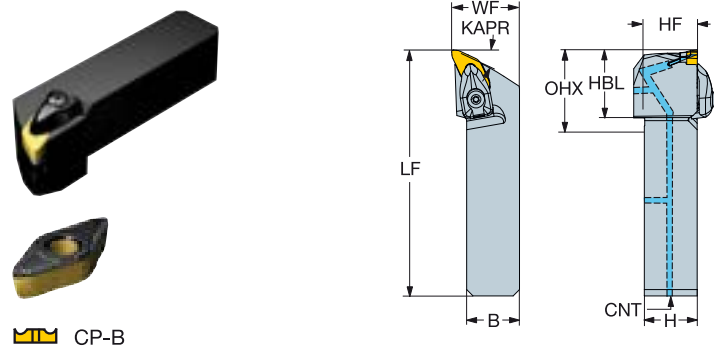


H14

CoroTurn® Prime QS shank tool for turning

Rigid clamp design
Precision coolant supply

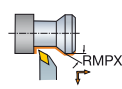
B



C

CP-B
Metric version

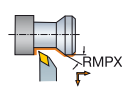
D



Dimensions, mm																	
SSC	CZC _{MS}	RMPX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT	BAR	NM	KG	MIID	
	CP-B	20 x 20	23°	52.0	3	20.0	20.0	32.0	101.0	25.0	20.0	G 1/8-28	150	3.0	0.32	CP-B1108	
		25 x 25	23°	57.0	3	25.0	25.0	32.0	116.0	32.0	25.0	G 1/8-28	150	3.0	0.62	CP-B1108	

Inch version

E



Dimensions, inch																	
SSC	CZC _{MS}	RMPX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT	PSI	FT/LBS	LBS	MIID	
	CP-B	3/4 x 3/4	23°	2.008	3	.750	.750	1.260	3.976	1.000	.750	G 1/8-28	2175	2.2	0.705	CP-B1108	
		1 x 1	23°	2.244	3	1.000	1.000	1.260	4.567	1.250	1.000	G 1/8-28	2175	2.2	1.213	CP-B1108	

SSC = To correspond with SSC on insert. R = Right hand, L = Left hand

F

Spare parts					
Shim screw	Shim	Clamp set	Coolant screw	Sealing plug screw	Sealing plug screw
5513 020-04	5322 610-01 S6	5412 028-021	5512 104-01	3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



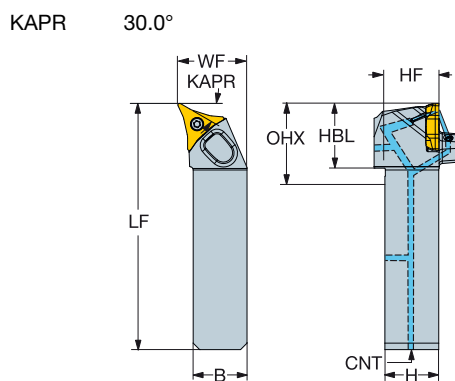
CoroTurn® Prime QS shank tool for turning

Screw clamp design

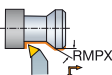
Precision coolant supply



CP-A



Metric version

						Dimensions, mm												
	SSC	CZC _{MS}	RMPX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT	BAR	NM	KG	MIID	
	CP-A	20 x 20	15°	52.0	3	QS-CP-30AR/L-2020-11C	20.0	20.0	32.0	101.0	25.0	20.0	G 1/8-28	150	3.0	0.37	CP-A1108	
		25 x 25	15°	55.0	3	QS-CP-30AR/L-2525-11C	25.0	25.0	32.0	114.1	32.0	25.0	G 1/8-28	150	3.0	0.59	CP-A1108	

Inch version

						Dimensions, inch												MIID
	SSC	CZC _{MS}	RMPX	OHX	OHN	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT	PSI	FT/LBS	LBS	
	CP-A	3/4 x 3/4	15°	2.008	1.260	3	QS-CP-30AR/L-12-11C	.750	.750	1.260	3.976	1.000	.750	G 1/8-28	2175	2.2	0.705	CP-A1108
		1 x 1	15°	2.165	1.181	3	QS-CP-30AR/L-16-11C	1.000	1.000	1.185	4.492	1.250	1.000	G 1/8-28	2175	2.2	1.213	CP-A1108

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts

Insert screw	Nozzle	Coolant screw	Sealing plug screw	Sealing plug screw
5513 020-10	5691 026-03	5512 104-01	3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A4



F2



E1



G1



H37



H14

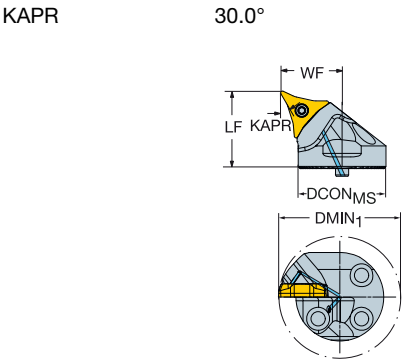


H5

CoroTurn® Prime head for turning

Screw clamp design
CoroTurn® SL - Precision coolant supply

B



C

							Dimensions, mm, inch							
	SSC	CZC _{MS}	DMIN ₁	RMPX	CNSC		Ordering code	DCON _{MS}	LF	WF	BAR PSI	NM	KG	
	CP-A	32	40.0	15°	1	SL-CP-30AR/L-32-11C40	32	32.0	22.0	70	3.0	0.10	CP-A1108	
			1.575				1.260	1.260	.866	1015				
		40	90.0	15°	1	SL-CP-30AR/L-40-11C	40	35.0	28.0	70	3.0	0.18	CP-A1108	
			3.543				1.575	1.378	1.102	1015				
		40	50.0	15°	1	SL-CP-30AR/L-40-11C50	40	35.0	28.0	70	3.0	0.18	CP-A1108	
		1.969					1.575	1.378	1.102	1015				

R = Right hand, L = Left hand

D

Spare parts			
Insert screw	Nozzle	Coolant screw	Locating tube
5513 020-01	5691 026-13	3213 010-256	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

E

F

G

H



CoroTurn® Prime head for turning

Rigid clamp design

CoroTurn® SL - Precision coolant supply

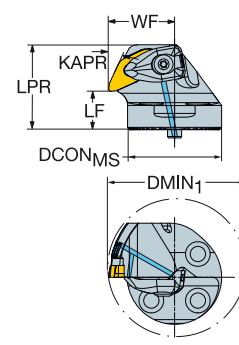
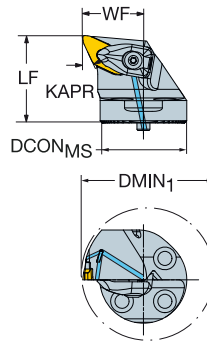
KAPR

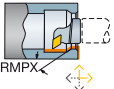
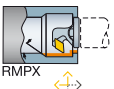
25.0°

25.0°



 CP-B



							Dimensions, mm, inch								
	SSC	CZC _{MS}	DMIN ₁	RMPX	CNSC	Ordering code	DCON _{MS}	LPR	LF	WF	BAR PSI	NM	KG	MIID	
	CP-B	40	90.0	23°	1	SL-CP-25BR/L-40-11B	40		40.0	28.0	70	3.0	0.19	CP-B1108	
			3.543				1.575		1.575	1.102	1015				
		40	50.0	23°	1	SL-CP-25BR/L-40-11B50	40		40.0	28.0	70	3.0	0.19	CP-B1108	
			1.969				1.575		1.575	1.102	1015				
	CP-B	40	90.0	23°	1	SL-CP-X-25BR/L-40-11B	40	36.0	16.0	28.0	70	3.0	0.16	CP-B1108	
			3.543				1.575	1.417	.630	1.102	1015				
		40	50.0	23°	1	SL-CPX25BR/L-40-11B50	40	36.0	16.0	28.0	70	3.0	0.16	CP-B1108	
			1.969				1.575	1.417	.630	1.102	1015				

R = Right hand, L = Left hand

Spare parts				
Shim screw	Shim	Clamp set	Coolant screw	Locating tube
5513 020-04	5322 610-01	5412 028-021	3213 010-256	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com



B

CoroTurn® 300

For external turning of high-quality components

C

Application

- Longitudinal turning
- Facing
- Medium to finishing operations

D

ISO application area:



E

Benefits and features

- Eight-edged inserts to ensure good heat transformation for predictable performance and wear
- Geometries with excellent chip breaking within their respective application areas
- Coromant Capto® interface or QS™ shanks enable quick tool change and easy coolant connection for maximized production time.
- Inserts in steel grades GC4325 and GC4315 with Inveio™ – For high wear resistance and long tool life
- Insert shape: 80 degree corner



www.sandvik.coromant.com/coroturn300

F

Over and under coolant

High-precision coolant from above controls the chip breaking for secure machining, while under coolant controls the temperature for long and predictable tool life.



Stable insert position

Insert is self-locking in its tip seat thanks to the clamping solution with lever. iLock interface between insert and holder prevents micro-movements of the insert.



G

Inserts

Turning

A17

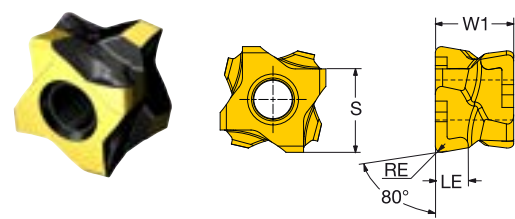
H

Tools

Coromant Capto® cutting units	QS™ shank tools
	
A18-A19	A20



CoroTurn® 300 insert for turning



								ISO CODE	P		K	
		SSC	LE	S	RE	W1	BS		4315	4325	4315	4325
Finishing	L4	10	4.0	11.00	0.40	10.0		3-80-101104-8-L4	★	☆	★	☆
		.157	.433	.016	.394							
		4.0	11.00	0.79	10.0			3-80-101108-8-L4	★	☆	★	☆
		.157	.433	.031	.394							
		4.0	11.00	1.19	10.0			3-80-101112-8-L4	★	☆	★	☆
		.157	.433	.047	.394							
Medium	M5	10	4.0	11.00	0.79	10.0		3-80-101108-8-M5	☆	★	☆	★
		.157	.433	.031	.394							
		4.0	11.00	1.19	10.0			3-80-101112-8-M5	☆	★	☆	★
	M5W	10	4.0	11.00	0.79	10.0	0.7	3-80-101108-8-M5W	☆	★		
		.157	.433	.031	.394	.028						
		4.0	11.00	1.19	10.0	0.8		3-80-101112-8-M5W	☆	★		
		.157	.433	.047	.394	.031						

SSC = To correspond with SSC on holder.

A18

A348

A379

H37

H15

A

GENERAL TURNING

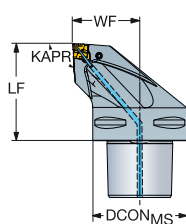
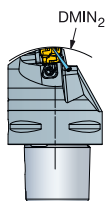
External tools

CoroTurn® 300 cutting unit for turning

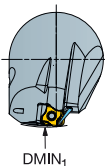
Lever clamp design

Coromant Capto® - Precision coolant supply

KAPR 94.7°
PSIR -4.7°



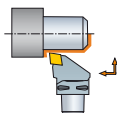
3-80



B

C

D



						Dimensions, mm, inch								
SSC	CZC _{MS}	DMIN ₁	DMIN ₂	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID		
10	C4	100.0	150.0	3	C4-3-80-LR/L27055-10C	40	55.0	27.0	150	4.5	0.59	3-80-101108		
		3.937	5.906			1.575	2.165	1.063	2175					
	C5	100.0	170.0	3	C5-3-80-LR/L35060-10C	50	60.0	35.0	150	4.5	0.88	3-80-101108		
		3.937	6.693			1.969	2.362	1.378	2175					
	C6	100.0	200.0	3	C6-3-80-LR/L45065-10C	63	65.0	45.0	150	4.5	1.40	3-80-101108		
		3.937	7.874			2.480	2.559	1.772	2175					

DMIN1 and DMIN2 valid in combination with clamping unit R/LC2090.

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

E

Spare parts

Clamp	Clamp screw	Shim	Shim screw	Nozzle	Sealing plug screw	Coolant screw	Sealing plug screw
5412 150-01	5516 010-02	5322 600-01	416.1-832	5691 026-05	3214 013-03	5512 104-01	3214 013-01

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H



A17



F2



E1



G1



H37



H28



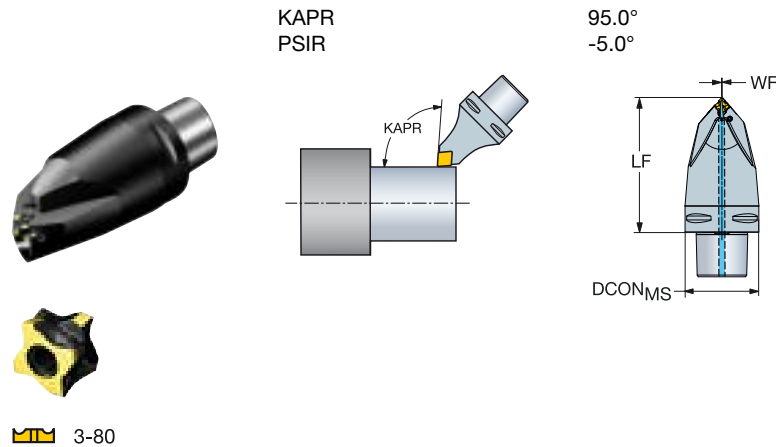
H15



H5

CoroTurn® 300 cutting unit for turning

Lever clamp design
Coromant Capto® - Precision coolant supply



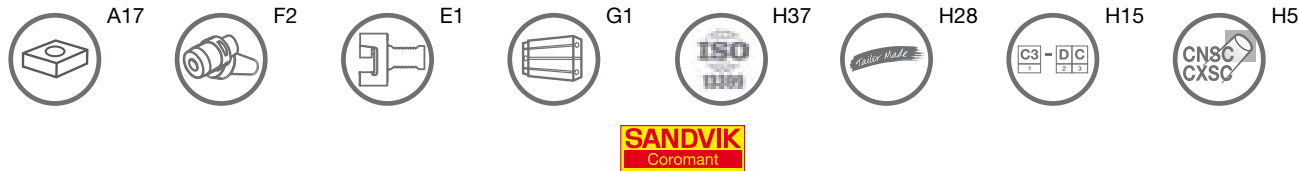
Tools for multi-task machining

					Dimensions, mm, inch							MIID
	SSC	CZC _{MS}	DMIN ₂	CNSC	Ordering code	DCON _{MS}	LF	WF	BAR PSI	NM	KG	
	10	C6	250.0	3	C6-3-80-MN00115-10C	63	115.0	0.4	150	4.5	2.19	3-80-101108
			9.843			2.480	4.528	.015	2175			

DMIN2 valid in combination with clamping unit R/LC2090. N = Neutral
SSC = To correspond with SSC on insert.

Spare parts						
Clamp	Clamp screw	Shim	Shim screw	Nozzle	Sealing plug screw	Coolant screw
5412 150-01	5516 010-02	5322 600-01	416.1-832	5691 026-05	3214 013-03	5512 104-01

For the complete list of spare parts, visit www.sandvik.coromant.com



A

GENERAL TURNING

External tools

CoroTurn® 300 QS shank tool for turning

Lever clamp design

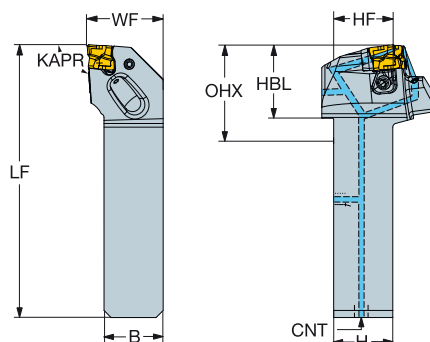
Precision coolant supply

B

KAPR 94.7°
PSIR -4.7°



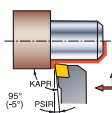
3-80



C

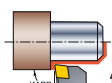
Metric version

D

	Dimensions, mm															MIID
	SSC	CZC _{MS}	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT	BAR	NM	KG	
	10	20 x 20	54.0	3	QS-3-80LR/L202034-10C	20.0	20.0	34.0	103.0	25.0	20.0	G 1/8-28	150	4.5	0.47	
		25 x 25	56.0	3	QS-3-80LR/L252531-10C	25.0	25.0	31.0	115.0	32.0	25.0	G 1/8-28	150	4.5	0.68	

E

Inch version

					Ordering code	Dimensions, inch											MIID
	SSC	CZC _{MS}	OHX	CNSC		B	H	HBL	LF	WF	HF	CNT	PSI	FT/ LBS	LBS		
	10	3/4 x 3/4	2.125	3	QS-3-80-LR/L12-22-10C	.750	.750	1.375	4.092	1.000	.750	G 1/8-28	2175	3.3	0.979	3-80-101108	
		1 x 1	2.250	3	QS-3-80-LR/L16-20-10C	1.000	1.000	1.250	4.557	1.250	1.000	G 1/8-28	2175	3.3	1.539	3-80-101108	

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

F

Spare parts

Clamp	Clamp screw	Shim	Shim screw	Nozzle	Sealing plug screw	Coolant screw	Sealing plug screw	Sealing plug screw
5412 150-01	5516 010-02	5322 600-01	416.1-832	5691 026-05	3214 013-03	5512 104-01	3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



A17



F2



E1



G1



H37



H15



H5

CoroTurn® TR

For stable external and internal profiling

Application

- Profiling
- Medium to finishing

ISO application area:



Benefits and features

- Stable insert clamping (iLock) ensures good repeatability and accuracy while allowing for high cutting data
- Precision coolant improves chip control and tool life
- Easy coolant connection and tool changes with plug and play adapters or QS stops (QS shanks)



www.sandvik.coromant.com/coroturntr

iLock™ locking interface

The T-rail on the holder and corresponding groove on the insert lock the insert precisely and securely.



- High stability and tolerances
- High indexing repeatability

Inserts

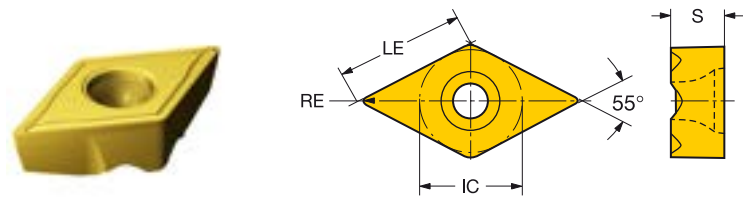
	
TR-DC.. A22	TR-VB.. A23

Tools

External machining				Internal machining	
Coromant Capto® cutting units	Shank tools	QST™ shank tools	CoroTurn® SL cutting heads	CoroTurn® SL cutting heads	CoroTurn® SL cutting heads for back boring
					
A24-A28	A29-A30	A31-A32	A33-A34	A35-A38	A39

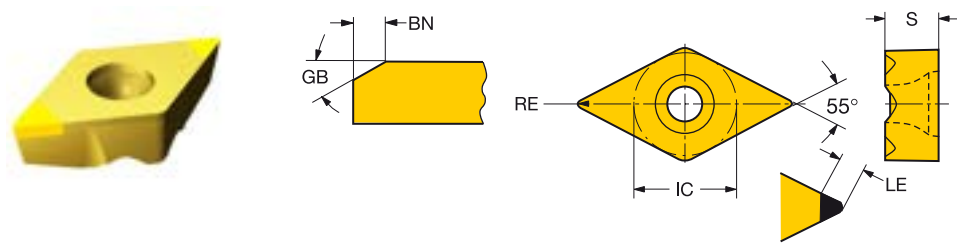


CoroTurn® TR insert for turning
D-style insert (Rhombic 55°)



																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													</
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

Advanced cutting materials

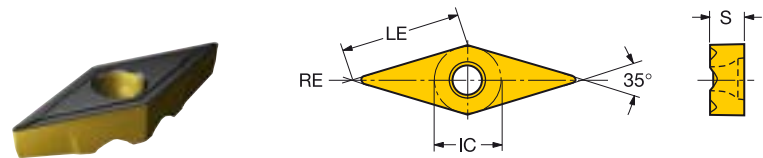


			LE	S	RE	GB	BN	ISO CODE	H				
									7015	7025	7105	7115	7125
Finishing		13	2.9	5.53	0.4	20°	0.10	TR-DC1304S01020F	☆	★	☆	☆	
			.113	.218	.016	20°	.004						
		2.5	5.53	0.8	20°	0.10		TR-DC1308S01020F	☆	☆	☆	☆	★
			.098	.218	.031	20°	.004						



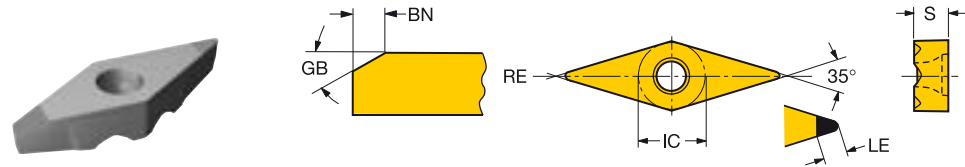
CoroTurn® TR insert for turning

V-style insert (Rhombic 35°)



					ISO CODE	P				M				K		S			
						1525	4315	4325	1115	1125	2025	2220	4325	H13A	1105	1115	1125	H13A	
Finishing	F	13	12.8	4.53	0.20	TR-VB1302-F				★				★				★	☆
			.504	.178	.008														
		12.6	4.53	0.40		TR-VB1304-F	☆	★	☆	☆	★	☆	☆	★	★	☆	☆	☆	☆
			.496	.178	.016														
		12.2	4.53	0.79		TR-VB1308-F	☆	★	☆	☆	★	☆	☆	★	★	☆	☆	☆	☆
			.480	.178	.031														
		11.8	4.53	1.19		TR-VB1312-F	★	☆	★					☆	★	★	☆	☆	☆
			.465	.178	.047														

Advanced cutting materials



		LE	S	RE	GB	BN	ISO CODE	H					
								7015	7025	7105	7115	7125	
Finishing	13	2.5	4.53	0.4	20°	0.10	TR-VB1304S01020F	☆	☆	☆	☆	★	
		.098	.178	.016	20°	.004							
		2.5	4.53	0.8	20°	0.10	TR-VB1308S01020F	☆	☆	☆	☆		
		.098	.178	.031	20°	.004							



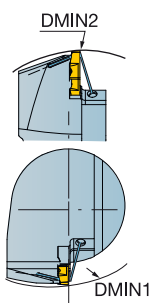
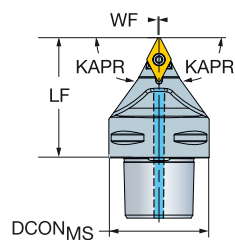
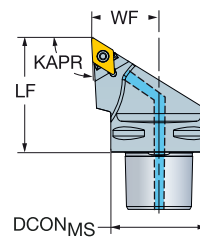
A

CoroTurn® TR cutting unit for turning

Screw clamp design

Coromant Capto® - Internal coolant supply

B

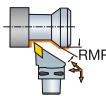
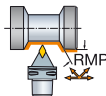
KAPR
PSIRCx-TR-D13NCN..C
62.5°
27.5°Cx-TR-D13JCR/L..C
93.0°
-3.0°

C



TR-DC

D

							Ordering code	Dimensions, mm, inch						MIID	
		CZC _{MS}	DMIN ₁	DMIN ₂	RMPX	CNSC		DCON _{MS}	LF	WF		NM	KG		
	13	C4	251.0 <i>9.882</i>	150.0 <i>5.906</i>	27°	3	C4-TR-D13JCR/L-27050C	40 <i>1.575</i>	50.0 <i>1.969</i>	27.0 <i>1.063</i>	150 <i>2175</i>	3.0	0.37	TR-DC1308	
		C5	249.0 <i>9.803</i>	175.0 <i>6.890</i>	27°	3	C5-TR-D13JCR/L-35060C	50 <i>1.969</i>	60.0 <i>2.362</i>	35.0 <i>1.378</i>	150 <i>2175</i>	3.0	0.69	TR-DC1308	
		C6	253.0 <i>9.961</i>	240.0 <i>9.449</i>	27°	3	C6-TR-D13JCR/L-45065C	63 <i>2.480</i>	65.0 <i>2.559</i>	45.0 <i>1.772</i>	150 <i>2175</i>	3.0	1.39	TR-DC1308	
		C8	253.0 <i>9.961</i>	250.0 <i>9.843</i>	27°	3	C8-TR-D13JCR/L-55080C	80 <i>3.150</i>	80.0 <i>3.150</i>	55.0 <i>2.165</i>	150 <i>2175</i>	3.0	2.54	TR-DC1308	
	13	C4		140.0 <i>5.512</i>	57°	3	C4-TR-D13NCN-00050C	40 <i>1.575</i>	50.0 <i>1.969</i>	0.5 <i>.020</i>	150 <i>2175</i>	3.0	0.32	TR-DC1308	
		C5		165.0 <i>6.496</i>	57°	3	C5-TR-D13NCN-00060C	50 <i>1.969</i>	60.0 <i>2.362</i>	0.5 <i>.020</i>	150 <i>2175</i>	3.0	0.62	TR-DC1308	
		C6		190.0 <i>7.480</i>	57°	3	C6-TR-D13NCN-00065C	63 <i>2.480</i>	65.0 <i>2.559</i>	0.5 <i>.020</i>	150 <i>2175</i>	3.0	1.06	TR-DC1308	

N = Neutral, R = Right hand, L = Left hand

F

Spare parts

Insert screw	Bottom plug M4	Coolant nozzle	Bits insert screw
5513 020-01	3213 010-256	5691 026-03	5680 084-15

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



A22



F2



E1



G1



H37



H28



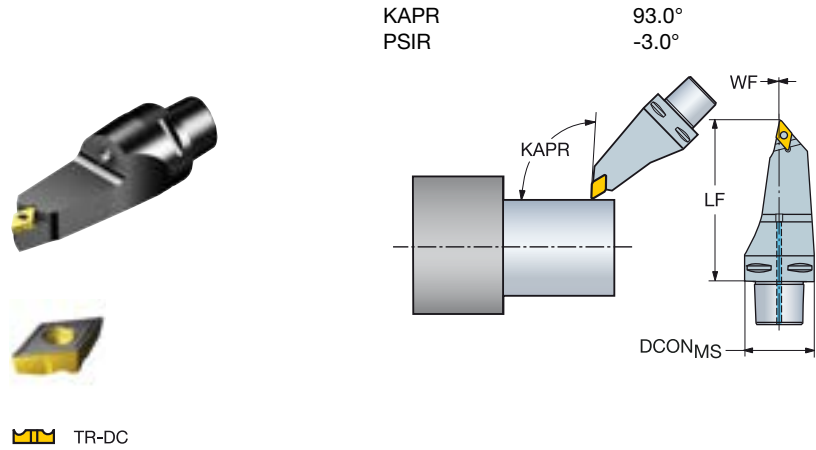
H16

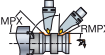


H5

CoroTurn® TR cutting unit for turning

Screw clamp design
Coromant Capto® - Internal coolant supply

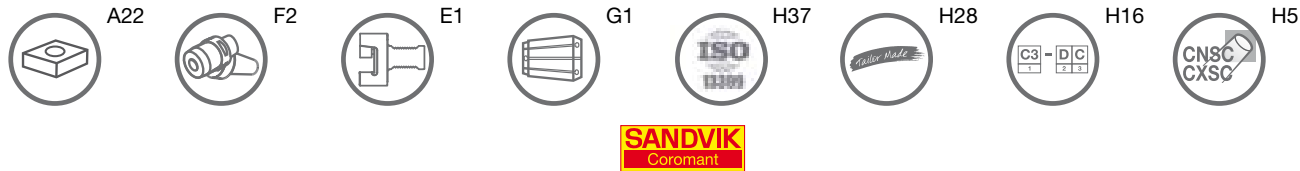


						Dimensions, mm, inch						
		CZC _{MS}	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID
	13	C6	30°	3	TR-C6-D13MCL-00130	63	130.0	0.0	10	3.0	1.78	TR-DC1308
						2.480	5.118	.000	145			

L = Left hand

Spare parts	
Screw	Nozzle
5513 020-01	5691 034-03

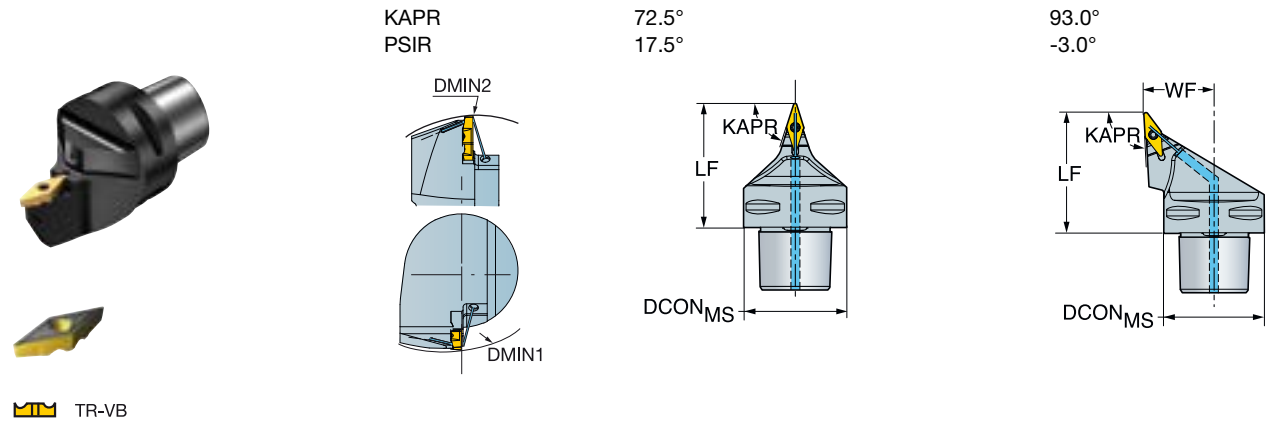
For the complete list of spare parts, visit www.sandvik.coromant.com



CoroTurn® TR cutting unit for turning

Screw clamp design
Coromant Capto® - Internal coolant supply

B



C

D

								Dimensions, mm, inch							
		CZC _{MS}	DMIN ₁	DMIN ₂	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF			MIID		
	13	C4	253.0	140.0	50°	3	C4-TR-V13JBR/L-27050C	40	50.0	27.0	150	2.0	0.34	TR-VB1308	
			9.961	5.512				1.575	1.969	1.063	2175				
		C5	228.0	165.0	50°	3	C5-TR-V13JBR/L-35060C	50	60.0	35.0	150	2.0	0.68	TR-VB1308	
			8.976	6.496				1.969	2.362	1.378	2175				
		C6	232.0	190.0	50°	3	C6-TR-V13JBR/L-45065C	63	65.0	45.0	150	2.0	1.13	TR-VB1308	
			9.134	7.480				2.480	2.559	1.772	2175				
		C8	233.0	250.0	50°	3	C8-TR-V13JBR/L-55080C	80	80.0	55.0	150	2.0	2.44	TR-VB1308	
			9.173	9.843				3.150	3.150	2.165	2175				
	13	C4		140.0	70°	3	C4-TR-V13VBN-00050C	40	50.0	0.5	150	2.0	0.29	TR-VB1308	
				5.512				1.575	1.969	.020	2175				
		C5		165.0	70°	3	C5-TR-V13VBN-00060C	50	60.0	0.5	150	2.0	0.58	TR-VB1308	
				6.496				1.969	2.362	.020	2175				
		C6		190.0	70°	3	C6-TR-V13VBN-00065C	63	65.0	0.5	150	2.0	1.00	TR-VB1308	
				7.480				2.480	2.559	.020	2175				

N = Neutral, R = Right hand, L = Left hand

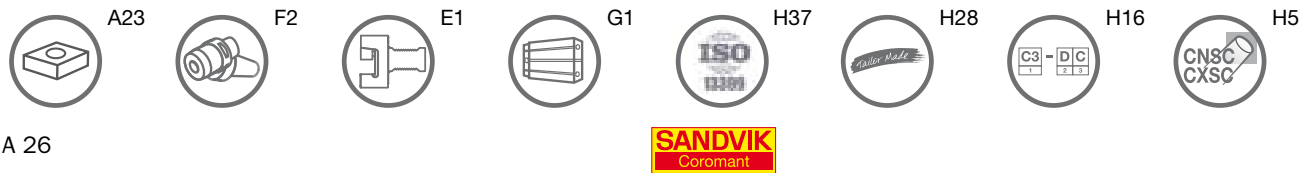
F

Spare parts			
Insert screw	Bottom plug M4	Coolant nozzle	Bits insert screw
5513 020-64	3213 010-256	5691 026-03	5680 084-21

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



CoroTurn® TR cutting unit for turning

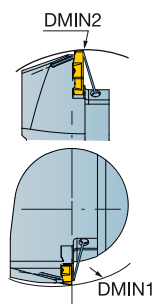
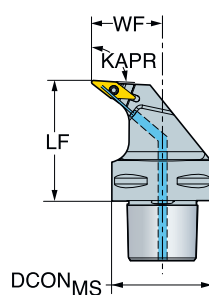
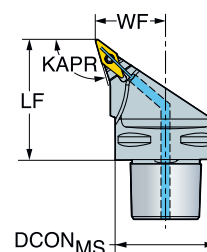
Screw clamp design

Coromant Capto® - Internal coolant supply



TR-VB

KAPR

Cx-TR-V13UBR/L..C
93.0°Cx-TR-V13HBR/L..C
107.5°

B

C

							Ordering code	Dimensions, mm, inch						MIID
								DCON _{MS}	LF	WF	BAR PSI	NM	KG	
	13	C4	95.0	140.0	35°	3	C4-TR-V13HBR/L-27050C	40	50.0	27.0	150	2.0	0.35	TR-VB1308
			3.740	5.512				1.575	1.969	1.063	2175			
		C5	99.0	165.0	35°	3	C5-TR-V13HBR/L-35060C	50	60.0	35.0	150	2.0	0.64	TR-VB1308
			3.898	6.496				1.969	2.362	1.378	2175			
		C6	150.0	190.0	35°	3	C6-TR-V13HBR/L-45065C	63	65.0	45.0	150	2.0	1.15	TR-VB1308
			5.906	7.480				2.480	2.559	1.772	2175			
	13	C4	54.0	140.0	50°	3	C4-TR-V13UBR/L-27050C	40	50.0	27.0	150	2.0	0.38	TR-VB1308
			2.126	5.512				1.575	1.969	1.063	2175			
		C5	67.0	165.0	50°	3	C5-TR-V13UBR/L-35060C	50	60.0	35.0	150	2.0	0.71	TR-VB1308
			2.638	6.496				1.969	2.362	1.378	2175			
		C6	118.0	190.0	50°	3	C6-TR-V13UBR/L-45065C	63	65.0	45.0	150	2.0	1.24	TR-VB1308
			4.646	7.480				2.480	2.559	1.772	2175			
		C8	100.0	250.0	50°	3	C8-TR-V13UBR/L-55080C	80	80.0	55.0	150	2.0	2.61	TR-VB1308
			3.937	9.843				3.150	3.150	2.165	2175			

N = Neutral, R = Right hand, L = Left hand

D

E

Spare parts

Insert screw	Bottom plug M4	Coolant nozzle	Bits insert screw
5513 020-64	3213 010-256	5691 026-03	5680 084-21

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H



A23



F2



E1



G1



H37



H28



H16



H5

A

CoroTurn® TR cutting unit for turning

Screw clamp design
Coromant Capto® - Internal coolant supply

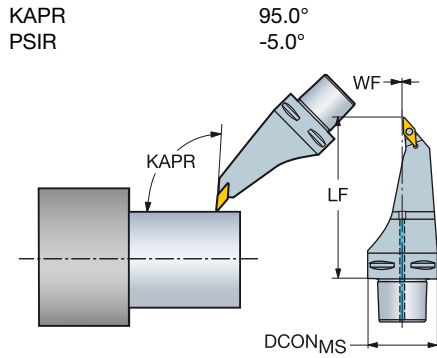
B



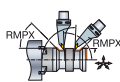
C

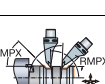


TR-VB



D



					Ordering code	Dimensions, mm, inch						MIID
		CZC _{MS}	RMPX	CNSC		DCON _{MS}	LF	WF				
	13	C5	48°	3	TR-C5-V13MBL-00115	50	115.0	0.0	10	2.0	1.00	TR-VB1308
		C6	48°	3	TR-C6-V13MBL-00130	1.969	4.528	.000	145			
						63	130.0	0.0	10	2.0	1.71	TR-VB1308
						2.480	5.118	.000	145			

L = Left hand

E

Spare parts	
Screw	Nozzle
5513 020-64	5691 034-03

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H



CoroTurn® TR shank tool for turning

Screw clamp design

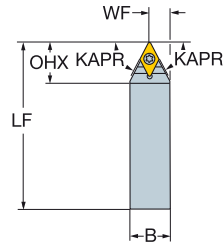


TR-DC

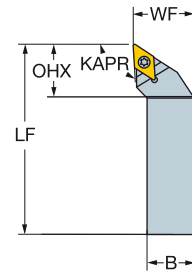
KAPR
PSIR



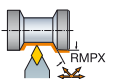
TR-D13NCN
62.5°
27.5°



TR-D13JCR/L
93.0°
-3.0°



Metric version

						Dimensions, mm								
		CZC _{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF			MIID	
	13	16 x 16	27°	28.5	TR-D13JCR/L 1616K-S	16.0	16.0	125.0	16.0	16.0	3.0	0.27	TR-DC1308	
		20 x 20	27°	28.5	TR-D13JCR/L 2020K	20.0	20.0	125.0	25.0	20.0	3.0	0.40	TR-DC1308	
		25 x 25	27°	28.5	TR-D13JCR/L 2525M	25.0	25.0	150.0	32.0	25.0	3.0	0.73	TR-DC1308	
		32 x 25	27°	28.5	TR-D13JCR/L 3225P	25.0	32.0	170.0	32.0	32.0	3.0	1.05	TR-DC1308	
	13	16 x 16	57°	26.0	TR-D13NCN1616K-S	16.0	16.0	125.0	8.3	16.0	3.0	0.30	TR-DC1308	
		20 x 20	57°	26.0	TR-D13NCN 2020K	20.0	20.0	125.0	10.5	20.0	3.0	0.40	TR-DC1308	
		25 x 25	57°	26.0	TR-D13NCN 2525M	25.0	25.0	150.0	13.0	25.0	3.0	0.70	TR-DC1308	
		32 x 25	57°	26.0	TR-D13NCN 3225P	25.0	32.0	170.0	13.0	32.0	3.0	1.03	TR-DC1308	

Inch version

						Dimensions, inch							
		CZC _{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF			MIID
	13	5/8 x 5/8	27°	1.122	TR-D13JCR/L 10C-S	.625	.625	5.000	.625	.625	2.2	0.595	TR-DC1308
		3/4 x 3/4	27°	1.122	TR-D13JCR 12B	.750	.750	4.500	1.000	.750	2.2	0.653	TR-DC1308
		1 x 1	27°	1.122	TR-D13JCR/L 16D	1.000	1.000	6.000	1.250	1.000	2.2	1.764	TR-DC1308
	13	5/8 x 5/8	57°	1.024	TR-D13NCN 10C-S	.625	.625	5.000	.331	.625	2.2	0.705	TR-DC1308
		1 x 1	57°	1.024	TR-D13NCN 16D	1.000	1.000	6.000	.520	1.000	2.2	1.530	TR-DC1308

N = Neutral, R = Right hand, L = Left hand

Spare parts
Screw
5513 020-01

For the complete list of spare parts, visit www.sandvik.coromant.com



A22



F2



E1



H37



H28



H16

A

GENERAL TURNING

External tools

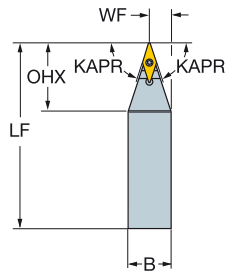
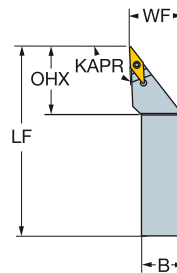
CoroTurn® TR shank tool for turning

Screw clamp design

B



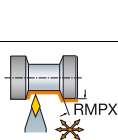
TR-VB

KAPR
PSIRTR-V13VBN
72.5°
17.5°TR-V13JBR/L
93.0°
-3.0°

C

Metric version

D

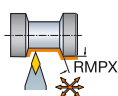


				Dimensions, mm									
	CZC _{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF	NM	KG	MIID	
	13	16 x 16	70°	32.0	TR-V13VBN 1616K-S	16.0	16.0	125.0	8.3	16.0	2.0	0.26	TR-VB1308
		20 x 20	70°	31.8	TR-V13VBN 2020K	20.0	20.0	125.0	10.5	20.0	2.0	0.40	TR-VB1308
		25 x 25	70°	39.7	TR-V13VBN 2525M	25.0	25.0	150.0	13.0	25.0	2.0	0.67	TR-VB1308
		32 x 25	70°	39.7	TR-V13VBN 3225P	25.0	32.0	170.0	13.0	32.0	2.0	1.00	TR-VB1308
	13	16 x 16	50°	32.0	TR-V13JBR/L 1616K-S	16.0	16.0	125.0	16.0	16.0	2.0	0.27	TR-VB1308
		20 x 20	50°	32.0	TR-V13JBR/L 2020K	20.0	20.0	125.0	25.0	20.0	2.0	0.40	TR-VB1308
		25 x 25	50°	40.9	TR-V13JBR/L 2525M	25.0	25.0	150.0	32.0	25.0	2.0	0.69	TR-VB1308
		32 x 25	50°	40.9	TR-V13JBR/L 3225P	25.0	32.0	170.0	32.0	32.0	2.0	1.01	TR-VB1308

E

Inch version

F



				Dimensions, inch									
	CZC _{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF	FT/LBS	LBS	MIID	
	13	3/4 x 3/4	70°	1.193	TR-V13VBN 12B	.750	.750	4.500	.394	.750	1.5	0.661	TR-VB1308
		1 x 1	70°	1.587	TR-V13VBN 16D	1.000	1.000	6.000	.520	1.000	1.5	1.541	TR-VB1308
	13	5/8 x 5/8	50°	1.260	TR-V13JBR/L 10C-S	.625	.625	5.000	.625	.625	1.5	0.573	TR-VB1308
		3/4 x 3/4	50°	1.260	TR-V13JBR/L 12B	.750	.750	4.500	1.000	.750	1.5	0.675	TR-VB1308
		1 x 1	50°	1.579	TR-V13JBR/L 16D	1.000	1.000	6.000	1.250	1.000	1.5	1.543	TR-VB1308

G

N = Neutral, R = Right hand, L = Left hand

Spare parts

Screw

5513 020-64

For the complete list of spare parts, visit www.sandvik.coromant.com

H



A23



F2



E1



H37



H28



H16

A 30

SANDVIK
Coromant

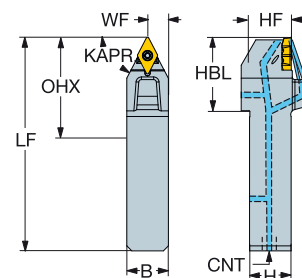
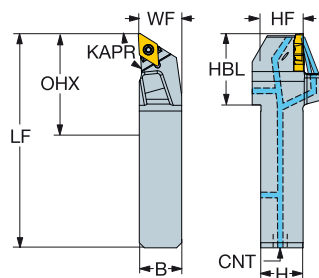
CoroTurn® TR QS shank tool for turning

Screw clamp design

Precision coolant supply

KAPR
PSIRQS-TR-D..JCR/L..HP
93.0°
-3.0°QS-TR-D..JCN..HP
62.5°
27.5°

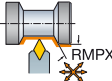
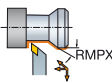
TR-DC



B

C

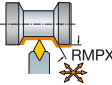
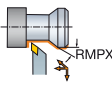
Metric version

						Ordering code	Dimensions, mm												
		CZC _{MS}	RMPX	OHX	CNSC		B	H	HBL	LF	WF	HF	CNT				MIID		
	13	20 x 20	60°	64.0	3	QS-TR-D13NCN 2020HP	20.0	20.0	44.0	113.0	10.5	20.0	G 1/8-28	150	3.0	0.36	TR-DC1308		
		25 x 25	60°	69.0	3	QS-TR-D13NCN 2525HP	25.0	25.0	44.0	128.0	13.0	25.0	G 1/8-28	150	3.0	0.60	TR-DC1308		
	13	20 x 20	30°	62.0	3	QS-TR-D13JCR/L 2020HP	20.0	20.0	42.0	111.0	20.5	20.0	G 1/8-28	150	3.0	0.36	TR-DC1308		
		25 x 25	30°	67.0	3	QS-TR-D13JCR/L 2525HP	25.0	25.0	42.0	126.0	25.5	25.0	G 1/8-28	150	3.0	0.60	TR-DC1308		

D

E

Inch version

							Dimensions, inch											
		CZC _{MS}	RMPX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT				MIID	
	13	3/4 x 3/4	60°	2.480	3	QS-TR-D13NCN 12HP	.750	.750	1.732	4.449	.394	.750	G 1/8-28	2175	2.2	0.661	TR-DC1308	
		1 x 1	60°	2.717	3	QS-TR-D13NCN 16HP	1.000	1.000	1.732	5.039	.519	1.000	G 1/8-28	2175	2.2	0.661	TR-DC1308	
	13	3/4 x 3/4	30°	2.402	3	QS-TR-D13JCR/L 12HP	.750	.750	1.654	4.370	.770	.750	G 1/8-28	2175	2.2	0.661	TR-DC1308	
		1 x 1	30°	2.638	3	QS-TR-D13JCR/L 16HP	1.000	1.000	1.654	4.961	1.020	1.000	G 1/8-28	2175	2.2	1.362	TR-DC1308	

F

G

N = Neutral, R = Right hand, L = Left hand

Spare parts

Insert screw	Nozzle	Coolant screw	Washer	Stop screw	Stop screw
5513 020-01	5691 026-13	5512 104-01	5541 066-01	3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

H

CoroTurn® TR QS shank tool for turning

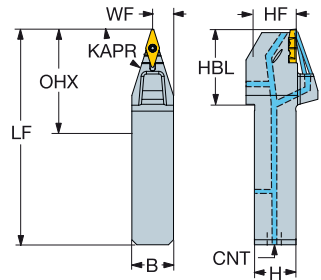
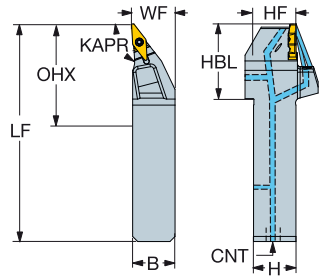
Screw clamp design
Precision coolant supply

B KAPR
PSIR

QS-TR-V..R/L..HP
93.0°
-3.0°

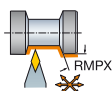
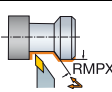
QS-TR-V..N..HP
72.5°
17.5°

C  TR-VB



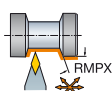
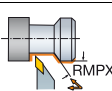
Metric version

D

Dimensions, mm																	
		CZC _{MS}	RMPX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT				MID
	13	20 x 20	70°	65.0	3	QS-TR-V13VBN 2020HP	20.0	20.0	45.0	114.0	10.5	20.0	G 1/8-28	150	2.0	0.34	TR-VB1308
		25 x 25	70°	70.0	3	QS-TR-V13VBN 2525HP	25.0	25.0	45.0	129.0	13.0	25.0	G 1/8-28	150	2.0	0.57	TR-VB1308
	13	20 x 20	50°	64.0	3	QS-TR-V13JBR/L 2020HP	20.0	20.0	44.0	113.0	20.5	20.0	G 1/8-28	150	2.0	0.34	TR-VB1308
		25 x 25	50°	69.0	3	QS-TR-V13JBR/L 2525HP	25.0	25.0	44.0	128.0	25.5	25.0	G 1/8-28	150	2.0	0.57	TR-VB1308

E

Inch version

F						Dimensions, inch															
		CZC _{MS}	RMPX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT				MID				
	13	3/4 x 3/4	70°	2.520	3	QS-TR-V13VBN 12HP	.750	.750	1.772	4.488	.398	.750	G 1/8-28	2175	1.5	0.661	TR-VB1308				
		1 x 1	70°	2.756	3	QS-TR-V13VBN 16HP	1.000	1.000	1.772	5.079	.523	1.000	G 1/8-28	2175	1.5	0.661	TR-VB1308				
	13	3/4 x 3/4	50°	2.480	3	QS-TR-V13JBR/L 12HP	.750	.750	1.732	4.449	.770	.750	G 1/8-28	2175	1.5	0.661	TR-VB1308				
		1 x 1	50°	2.717	3	QS-TR-V13JBR/L 16HP	1.000	1.000	1.732	5.039	1.020	1.000	G 1/8-28	2175	1.5	0.661	TR-VB1308				
G																					

N = Neutral, R = Right hand, L = Left hand

Spare parts					
Insert screw	Nozzle	Coolant screw	Washer	Stop screw	Stop screw
5513 020-64	5691 026-13	5512 104-01	5541 066-01	3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

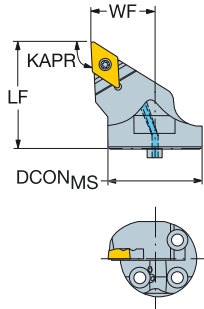
CoroTurn® TR head for turning

Screw clamp design

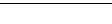
CoroTurn® SL - Precision coolant supply

KAPR
PSIR

93.0°
-3.0°



TR-DC

						Dimensions, mm, inch							
		CZC _{MS}	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID	
	13	32	27°	1	TR-SL-D13JCR/L-32HP-X	32	40.0	22.0	80	3.0	0.14	TR-DC1308	
						1.260	1.575	.866	1160				
		40	27°	1	TR-SL-D13JCR/L-40HP-X	40	45.0	27.0	80	3.0	0.23	TR-DC1308	
						1.575	1.772	1.063	1160				

R = Right hand, L = Left hand

Spare parts		
Insert screw	Nozzle	Locating tube
5513 020-01	5691 026-03	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A22

F2

H37

H28

H16

H5

H2

A

CoroTurn® TR head for turning

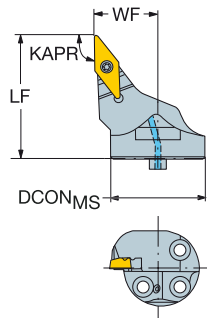
Screw clamp design

CoroTurn® SL - Precision coolant supply

B

KAPR
PSIR

93.0°
-3.0°

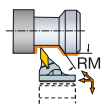


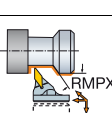
C



TR-VB

D



					Dimensions, mm, inch							
		CZC _{MS}	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID
	13	32	44°	1	TR-SL-V13JBR/L-32HP-X	32	42.0	22.0	80	2.0	0.13	TR-VB1308
						<i>1.260</i>	<i>1.654</i>	<i>.866</i>	<i>1160</i>			
		40	44°	1	TR-SL-V13JBR/L-40HP-X	40	42.0	27.0	80	2.0	0.18	TR-VB1308
						<i>1.575</i>	<i>1.654</i>	<i>1.063</i>	<i>1160</i>			

R = Right hand, L = Left hand

E

Spare parts		
Insert screw	Nozzle	Locating tube
5513 020-64	5691 026-03	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H



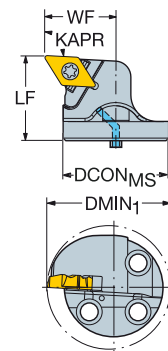
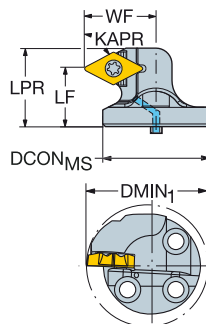
CoroTurn® TR head for turning

Screw clamp design

CoroTurn® SL - Precision coolant supply

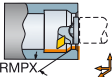
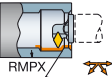
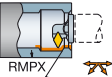
KAPR
PSIRTR-SL-D13XCR/L..HP
62.5°
27.5°TR-SL-D13UCR/L..HP
93.0°
-3.0°

TR-DC



B

C

							Dimensions, mm, inch							
		CZC _{MIS}	DMIN ₁	RMPX	CNSC	Ordering code	DCON _{MIS}	LPR	LF	WF				MIID
	13	32	40.0 1.575	27°	1	TR-SL-D13UCR/L-32HP	32		38.0	22.0	80	3.0	0.16	TR-DC1308
							1.260		1.496	.866	1160			
		40	50.0 1.969	27°	1	TR-SL-D13UCR/L-40HP	40		38.0	27.0	80	3.0	0.23	TR-DC1308
							1.575		1.496	1.063	1160			
		40	54.0 2.126	27°	1	TR-SL-D13UCR/L-40HP32	40		38.0	32.0	80	3.0	0.24	TR-DC1308
							1.575		1.496	1.260	1160			
		40	59.0 2.323	27°	1	TR-SL-D13UCR/L-40HP37	40		38.0	37.0	80	3.0	0.24	TR-DC1308
							1.575		1.496	1.457	1160			
		40	63.0 2.480	27°	1	TR-SL-D13UCR/L-40HP43	40		38.0	43.0	80	3.0	0.27	TR-DC1308
							1.575		1.496	1.693	1160			
	13	32	45.0 1.772	60°	1	TR-SL-D13XCR-32HP	32	34.0	27.0	27.0	80	3.0	0.16	TR-DC1308
							1.260	1.339	1.063	1.063	1160			
		40	54.0 2.126	60°	1	TR-SL-D13XCR/L-40HP32	40	25.7	22.0	32.0	80	3.0	0.20	TR-DC1308
							1.575	1.012	.866	1.260	1160			
		40	59.0 2.323	60°	1	TR-SL-D13XCR/L-40HP37	40	25.7	22.0	37.0	80	3.0	0.22	TR-DC1308
							1.575	1.012	.866	1.457	1160			
		40	63.0 2.480	60°	1	TR-SL-D13XCR/L-40HP43	40	25.7	22.0	43.0	80	3.0	0.23	TR-DC1308
							1.575	1.012	.866	1.693	1160			
		40	50.0 1.969	60°	1	TR-SL-D13XCR-40HP	40	29.5	22.0	29.0	80	3.0	0.19	TR-DC1308
							1.575	1.161	.866	1.142	1160			

R = Right hand, L = Left hand

Spare parts

Insert screw	Nozzle	Locating tube
5513 020-01	5691 026-03	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

D

E

F

G

H



A22



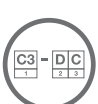
F2



H37



H28



H16



H5



H2

CoroTurn® TR head for turning

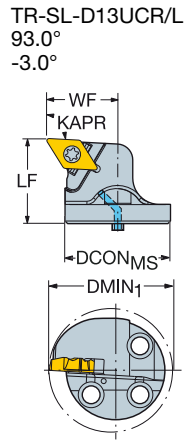
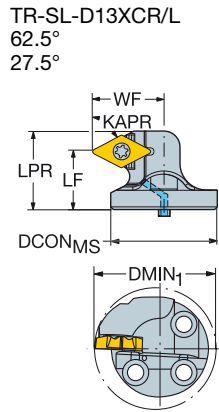
Screw clamp design

CoroTurn® SL - Internal coolant supply

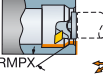
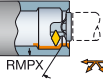
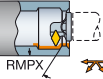
B KAPR PSIR



TR-DC



D

		CZC _{MS}	DMIN ₁	RMPX	CNSC	Ordering code	DCON _{MS}	LPR	LF	WF				MIID
	13	25	35.0	27°	1	TR-SL-D13UCR/L-25	25		27.0	20.0	10	3.0	0.08	TR-DC1308
			1.378				.984	1.063	.787	145				
	32		40.0	27°	1	TR-SL-D13UCR/L-32	32		32.0	22.0	10	3.0	0.14	TR-DC1308
			1.575				1.260	1.260	.866	145				
	40		50.0	27°	1	TR-SL-D13UCR/L-40	40		32.0	27.0	10	3.0	0.19	TR-DC1308
			1.969				1.575	1.260	1.063	145				
	13	25	35.0	60°	1	TR-SL-D13XCR/L-25	25	23.3	20.0	20.0	10	3.0	0.07	TR-DC1308
			1.378				.984	.917	.787	.787	145			
	32		40.0	60°	1	TR-SL-D13XCL-32	32	29.2	22.0	22.0	10	3.0	0.13	TR-DC1308
			1.575				1.260	1.150	.866	.866	145			
	40		50.0	60°	1	TR-SL-D13XCR/L-40	40	29.2	22.0	27.0	10	3.0	0.17	TR-DC1308
			1.969				1.575	1.150	.866	1.063	145			

E

R = Right hand, L = Left hand

Spare parts			
		Insert screw	Locating tube
	CZC _{MS}		
13	25	5513 020-01	5552 058-02
13	32-40	5513 020-01	5638 031-01

F For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



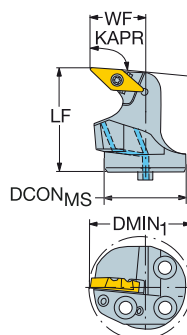
CoroTurn® TR head for turning

Screw clamp design

CoroTurn® SL - Precision coolant supply

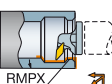
KAPR
PSIR95.0°
-5.0°

TR-VB



B

C

							Dimensions, mm, inch						
		CZC _{MS}	DMIN ₁	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID
	13	32	40.0	45°	1	TR-SL-V13LBR/L-32HP	32	40.0	22.0	80	2.0	0.17	TR-VB1308
			1.575				1.260	1.575	.866	1160			
		40	50.0	45°	1	TR-SL-V13LBR/L-40HP	40	38.0	27.0	80	2.0	0.22	TR-VB1308
			1.969				1.575	1.496	1.063	1160			

R = Right hand, L = Left hand

D

Spare parts

Insert screw	Nozzle	Locating tube
5513 020-64	5691 026-03	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

E

F

G

H



A23



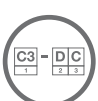
F2



H37



H28



H16



H5



H2

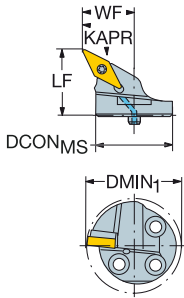
CoroTurn® TR head for turning

Screw clamp design
CoroTurn® SL - Internal coolant supply

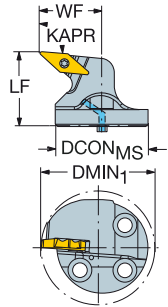
B KAPR
PSIR

C  TR-VB

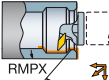
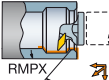
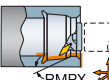
TR-SL-V13PBR/L
117.5°
-27.5°



TR-SL-V13LBR/L
95.0°
-5.0°



D

		CZC _{MS}	DMIN ₁	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID	
	13	25	35.0	45°	1	TR-SL-V13LBR/L-25	25	27.0	20.0	10	2.0	0.08	TR-VB1308	
				1.378				.984	1.063	.787	145			
		32	40.0	45°	1	TR-SL-V13LBR/L-32	32	32.0	22.0	10	2.0	0.13	TR-VB1308	
	40			1.575				1.260	1.260	.866	145			
		40	50.0	45°	1	TR-SL-V13LBR/L-40	40	32.0	27.0	10	2.0	0.18	TR-VB1308	
					1.969				1.575	1.260	1.063	145		
	13	25	33.0	25°	1	TR-SL-V13PBR/L-25	25	28.0	17.0	10	2.0	0.07	TR-VB1308	
				1.299				.984	1.102	.669	145			
		32	40.0	25°	1	TR-SL-V13PBR/L-32	32	32.0	22.0	10	2.0	0.12	TR-VB1308	
	40			1.575				1.260	1.260	.866	145			
		40	50.0	25°	1	TR-SL-V13PBR/L-40	40	32.0	27.0	10	2.0	0.15	TR-VB1308	
					1.969				1.575	1.260	1.063	145		

E

R = Right hand, L = Left hand

Spare parts			
	CZC _{MS}	Insert screw	Locating tube
13	25	5513 020-64	5552 058-02
13	32-40	5513 020-64	5638 031-01

F For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



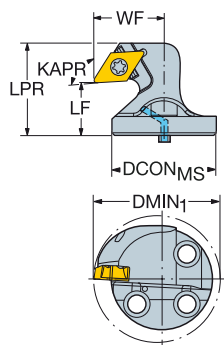
CoroTurn® TR head for back boring

Screw clamp design

CoroTurn® SL - Internal coolant supply

KAPR
PSIR93.0°
-3.0°

TR-DC



						Dimensions, mm, inch									
		CZC _{MS}	DMIN ₁	RMPX	CNSC	Ordering code	DCON _{MS}	LPR	LF	WF	BAR PSI	NM	KG	MIID	
	13	25	36.0	27°	1	TR-SL-D13UCR/L-25X	25	32.1	17.0	21.0	10	3.0	0.09	TR-DC1308	
			1.417				.984	1.264	.669	.827	145				
		32	40.0	27°	1	TR-SL-D13UCR/L-32X	32	35.1	20.0	22.0	10	3.0	0.14	TR-DC1308	
			1.575				1.260	1.382	.787	.866	145				
		40	50.0	27°	1	TR-SL-D13UCR/L-40X	40	35.1	20.0	27.0	10	3.0	0.20	TR-DC1308	
			1.969				1.575	1.382	.787	1.063	145				

R = Right hand, L = Left hand

Spare parts			
	CZC _{MS}	Insert screw	Locating tube
13	25	5513 020-01	5552 058-02
13	32-40	5513 020-01	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

B

C

D

E

F

G

H



A22



F2



H37



H28



H16



H5



H2

B

CoroTurn® 107

For internal and external turning of slender components

C

Application

- Longitudinal turning
- Profiling
- Back boring
- Medium to finishing

D

ISO application area:



E

Benefits and features

- Low cutting forces
- Screw clamping ensures stability and unobstructed chip flow
- Insert geometries and grades for all materials
- Wiper geometries available for high feeds and excellent surface finish
- Holders and insert geometries with conventional and CoroTurn® HP design



F

www.sandvik.coromant.com/coroturn107

G

Positive insert shape

- 5°, 7° clearance angle
- All types of insert shapes and sizes
- Geometries and grades for all application areas
- Insert grades also in advanced cutting materials PCD, CBN, and ceramics

H

Tools

- Coromant Capto® cutting units
- Shank tools
- QS™ shank tools
- Boring bars
- CoroTurn® SL heads

A

Tools with EasyFix™ and Silent Tools™ available.

B

Designed for precision coolant

Holders are available with precision nozzles for excellent chip control.



C

Screw clamping

Adds stability and unobstructed chip flow



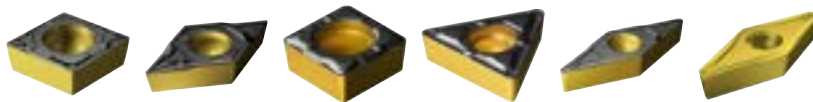
A

A 40



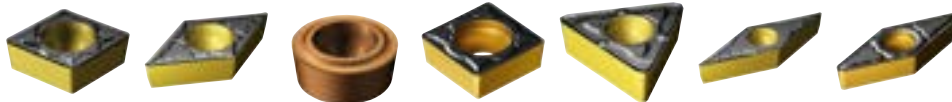
CoroTurn® 107 insert for turning

Finishing



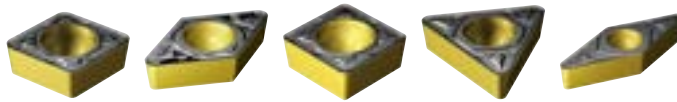
Page	CC.. A42	DC.. A49	SC.. A54	TC.. A57	VB.. A64	VC.. A64
------	-------------	-------------	-------------	-------------	-------------	-------------

Medium



Page	CC.. A42	DC.. A49	RC.. A53	SC.. A54	TC.. A57	VB.. A64	VC.. A64
------	-------------	-------------	-------------	-------------	-------------	-------------	-------------

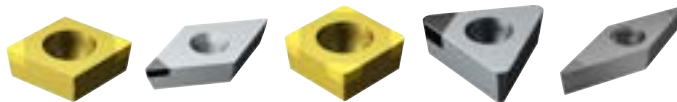
Roughing



Page	CC.. A42	DC.. A49	SC.. A54	TC.. A57	VB.. A64
------	-------------	-------------	-------------	-------------	-------------

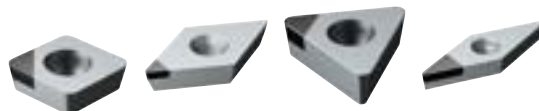
Advanced cutting materials

Cubic boron nitride (CBN)



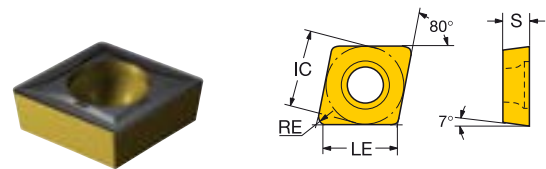
Page	CC.. A47	DC.. A52	SC.. A56	TC.. A63	VB.. A67
------	-------------	-------------	-------------	-------------	-------------

Polycrystalline diamond (PCD)



Page	CC.. A47	DC.. A52	TC.. A63	VC.. A67
------	-------------	-------------	-------------	-------------

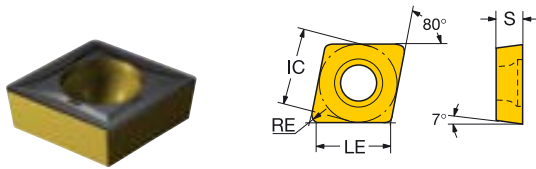
CoroTurn® 107 insert for turning
C-style insert (Rhombic 80°)



						ISO CODE	P					M					K		N		S				ANSI CODE							
				LE	S		RE	BS	1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A		H125	H10	H13A	1105	1115	1125	H13A
Finishing	WF	06	1/4	6.2	2.38	0.20	0.4	CCMT 06 02 02-WF						★		★								★					★		CCMT 2(1.5)0-WF	
				.246	.094	.008	.014														★	★	★					★	★		CCMT 2(1.5)1-WF	
				6.0	2.38	0.40	0.6	CCMT 06 02 04-WF	☆		★	☆		☆	☆	★					★	☆	☆					★	☆		CCMT 2(1.5)2-WF	
				.238	.094	.016	.022															★	☆	☆					★	☆		
				5.6	2.38	0.79	0.7	CCMT 06 02 08-WF	☆		★	☆		☆	☆	★					★	☆	☆					★	☆		CCMT 3(2.5)0-WF	
				.222	.094	.031	.028																									
		09	3/8	9.5	3.97	0.20	0.4	CCMT 09 T3 02-WF						★		★								★					★		CCMT 3(2.5)1-WF	
				.373	.156	.008	.014																									
				9.3	3.97	0.40	0.7	CCMT 09 T3 04-WF	☆		★	☆		☆	☆	★					★	☆	☆					★	☆		CCMT 3(2.5)2-WF	
				.365	.156	.016	.028																									
				8.9	3.97	0.79	0.7	CCMT 09 T3 08-WF	☆		★	☆		☆	☆	★					★	☆	☆					★	☆		CCMT 431-PF	
				.349	.156	.031	.028																									
	PF	06	1/4	6.2	2.38	0.20		CCMT 06 02 02-PF					☆	★								★									CCMT 2(1.5)0-PF	
				.246	.094	.008																	☆								CCMT 2(1.5)1-PF	
				6.0	2.38	0.40		CCMT 06 02 04-PF				★	☆	☆																		
				.238	.094	.016																										
		09	3/8	9.5	3.97	0.20		CCMT 09 T3 02-PF					☆	★									★								CCMT 3(2.5)0-PF	
				.373	.156	.008																										
				9.3	3.97	0.40		CCMT 09 T3 04-PF				★	☆	☆									☆								CCMT 3(2.5)1-PF	
				.365	.156	.016																										
				8.9	3.97	0.79		CCMT 09 T3 08-PF				★	☆	☆										☆								CCMT 3(2.5)2-PF
				.349	.156	.031																										
		12	1/2	12.5	4.76	0.40		CCMT 12 04 04-PF				★	☆	☆									☆								CCMT 431-PF	
				.492	.188	.016																										
KF	06	1/4	6.2	2.38	0.20		CCMT 06 02 02-KF															★			★			★		CCMT 2(1.5)0-KF		
			.246	.094	.008																		★			★		★		CCMT 2(1.5)1-KF		
			6.0	2.38	0.40		CCMT 06 02 04-KF																★			★		★				
			.238	.094	.016																											
	09	3/8	9.5	3.97	0.20		CCMT 09 T3 02-KF																★			★		★		CCMT 3(2.5)0-KF		
			.373	.156	.008																											
			9.3	3.97	0.40		CCMT 09 T3 04-KF															★	☆	☆		★		★		CCMT 3(2.5)1-KF		
			.365	.156	.016																											
			8.9	3.97	0.79		CCMT 09 T3 08-KF															★	☆								CCMT 3(2.5)2-KF	
			.349	.156	.031																											
	12	1/2	12.5	4.76	0.40		CCMT 12 04 04-KF																★			★			★		CCMT 431-KF	
			.492	.188	.016																											
MF	06	1/4	6.2	2.38	0.20		CCMT 06 02 02-MF						★	☆												★	☆	☆		CCMT 2(1.5)0-MF		
			.246	.094	.008									☆	☆	★										★	☆	☆		CCMT 2(1.5)1-MF		
			6.0	2.38	0.40		CCMT 06 02 04-MF							☆	☆											★	☆	☆				
			.238	.094	.016																											
	09	3/8	9.5	3.97	0.20		CCMT 09 T3 02-MF						★	☆												★	☆	☆		CCMT 3(2.5)0-MF		
			.373	.156	.008																											
			9.3	3.97	0.40		CCMT 09 T3 04-MF						☆	☆	☆	★		☆								★	☆	☆		CCMT 3(2.5)1-MF		
			.365	.156	.016																											
			8.9	3.97	0.79		CCMT 09 T3 08-MF						☆	☆	☆	★		☆								★	☆	☆	☆		CCMT 3(2.5)2-MF	
			.349	.156	.031																											
	12	1/2	12.5	4.76	0.40		CCMT 12 04 04-MF						☆	☆	☆	★		☆								★	☆			CCMT 431-MF		
			.492	.188	.016																											
UF	06	1/4	6.2	2.38	0.20		CCMT 06 02 02-UF						★	★									★				★		CCMT 2(1.5)0-UF			
			.246	.094	.008									★								☆					★			CCMT 2(1.5)1-UF		
			6.0	2.38	0.40		CCMT 06 02 04-UF				★	☆	☆	☆									☆				★					
			.238	.094	.016																											
			5.6	2.38	0.79		CCMT 06 02 08-UF					★																				
			.222	.094	.031																											
	09	3/8	9.5	3.97	0.20		CCMT 09 T3 02-UF						★														★		CCMT 3(2.5)0-UF			
			.373	.156	.008																											
			9.3	3.97	0.40		CCMT 09 T3 04-UF				★	☆	☆										☆					★		CCMT 3(2.5)1-UF		
			.365	.156	.016																											

CoroTurn® 107 insert for turning

C-style insert (Rhombic 80°)



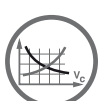
		 	LE	S	RE	BS	ISO CODE	P					M					K		N		S			ANSI CODE						
								1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125		H10	H13A	1105	1115	1125	H13A
Medium	WM	06	1/4	5.6	2.38	0.79	0.6	CCMT 06 02 08-WM			☆	☆	★		★																CCMT 2(1.5)2-WM
				.222	.094	.031	.024																								
		09	3/8	9.3	3.97	0.40	0.6	CCMT 09 T3 04-WM	☆	☆	☆	★		☆		★	☆	☆					★							CCMT 3(2.5)1-WM	
				.365	.156	.016	.024																								
				8.9	3.97	0.79	0.7	CCMT 09 T3 08-WM	☆	☆	☆	☆	★		☆		★	☆	☆					★							CCMT 3(2.5)2-WM
				.349	.156	.031	.028																								
		12	1/2	12.5	4.76	0.40	0.6	CCMT 12 04 04-WM			☆	★		☆		★	☆	☆						★						CCMT 431-WM	
				.492	.188	.016	.024																								
				12.1	4.76	0.79	0.7	CCMT 12 04 08-WM		☆	☆	★		☆		★	☆	☆						★							CCMT 432-WM
				.476	.188	.031	.028																								
	PM	06	1/4	6.0	2.38	0.40		CCMT 06 02 04-PM	☆		☆	☆	★	☆							★										CCMT 2(1.5)1-PM
				.238	.094	.016																									
				5.6	2.38	0.79		CCMT 06 02 08-PM	☆		☆	☆	★	☆							★										CCMT 2(1.5)2-PM
				.222	.094	.031																									
		09	3/8	9.3	3.97	0.40		CCMT 09 T3 04-PM	☆	☆	☆	☆	★	☆							★										CCMT 3(2.5)1-PM
				.365	.156	.016																									
MM			8.9	3.97	0.79		CCMT 09 T3 08-PM	☆	☆	☆	☆	★	☆							★										CCMT 3(2.5)2-PM	
			.349	.156	.031																										
	12	1/2	12.5	4.76	0.40		CCMT 12 04 04-PM			☆	☆	★	☆							★										CCMT 431-PM	
			.492	.188	.016																										
			12.1	4.76	0.79		CCMT 12 04 08-PM	☆		☆	☆	★	☆							★										CCMT 432-PM	
			.476	.188	.031																										
			11.7	4.76	1.19		CCMT 12 04 12-PM			☆	★									★										CCMT 433-PM	
			.460	.188	.047																										
KM	06	1/4	6.0	2.38	0.40		CCMT 06 02 04-MM						☆	☆	★									★	☆	☆				CCMT 2(1.5)1-MM	
			.238	.094	.016								☆	☆	★									★	☆	☆				CCMT 2(1.5)2-MM	
			5.6	2.38	0.79		CCMT 06 02 08-MM						☆	☆	★									★	☆	☆					
			.222	.094	.031																										
	09	3/8	9.3	3.97	0.40		CCMT 09 T3 04-MM						☆	☆	☆	★	☆	☆						★	☆	☆				CCMT 3(2.5)1-MM	
			.365	.156	.016								☆	☆	☆	★	☆	☆						★	☆	☆				CCMT 3(2.5)2-MM	
			8.9	3.97	0.79		CCMT 09 T3 08-MM						☆	☆	☆	★	☆	☆						★	☆	☆					
			.349	.156	.031																										
	12	1/2	12.5	4.76	0.40		CCMT 12 04 04-MM						☆	☆	☆	★	☆	☆						★	☆	☆				CCMT 431-MM	
			.492	.188	.016								☆	☆	☆	★	☆	☆						★	☆	☆				CCMT 432-MM	
		12.1	4.76	0.79		CCMT 12 04 08-MM						☆	☆	☆	★	☆	☆						★	☆	☆						
UM			.476	.188	.031		CCMT 12 04 12-MM						☆	★												★				CCMT 433-MM	
			.460	.188	.047																										
	06	1/4	6.0	2.38	0.40		CCMT 06 02 04-KM													★	☆	☆		★				★		CCMT 2(1.5)1-KM	
			.238	.094	.016																★	☆	☆		★			★			CCMT 2(1.5)2-KM
			5.6	2.38	0.79		CCMT 06 02 08-KM														★	☆	☆		★			★			
			.222	.094	.031																										
UM	09	3/8	9.3	3.97	0.40		CCMT 09 T3 04-KM													★	☆	☆		★				★		CCMT 3(2.5)1-KM	
			.365	.156	.016																			★				★			CCMT 3(2.5)2-KM
			8.9	3.97	0.79		CCMT 09 T3 08-KM													★	☆	☆		★				★			
			.349	.156	.031																										
	12	1/2	12.5	4.76	0.40		CCMT 12 04 04-KM													★	☆	☆		★				★		CCMT 431-KM	
			.492	.188	.016															★	☆	☆		★				★			CCMT 432-KM
UM			12.1	4.76	0.79		CCMT 12 04 08-KM													★	☆	☆		★				★			
			.476	.188	.031																										
	06	1/4	6.3	2.38	0.10		CCET 06 02 01-UM						★	☆								★		★	☆	☆				CCET 2(1.5)03-UM	
			.250	.094	.004								★	☆								★		★	☆	☆				CCET 2(1.5)0-UM	
UM			6.2	2.38	0.20		CCET 06 02 02-UM						★	☆								★		★	☆	☆					
			.246	.094	.008								★	☆																	
UM			6.0	2.38	0.40		CCET 06 02 04-UM						★	☆								★		★	☆	☆					CCET 2(1.5)1-UM
			.238	.094	.016																										



A68



A107



A348



A379

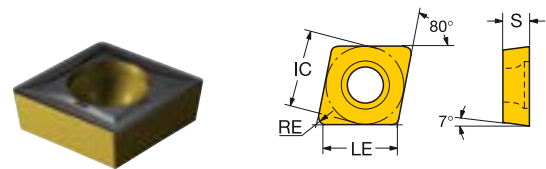


H37



H6

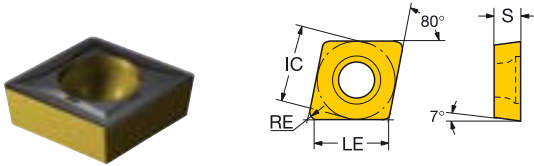
CoroTurn® 107 insert for turning
C-style insert (Rhombic 80°)



						ISO CODE	P					M					K			N			S					ANSI CODE					
		LE	S	RE	BS		1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125	H10	H13A	1105	1115		1125	H13A	S05F		
Medium	AL	06	1/4	6.2	2.38	0.20	CCGX 06 02 02-AL																	★		★					CCGX 2(1.5)0-AL		
				.246	.094	.008																		★		★					CCGX 2(1.5)1-AL		
				.238	.094	.016																			★		★					CCGX 3(2.5)1-AL	
		09	3/8	9.3	3.97	0.40	CCGX 09 T3 04-AL																	★		★					CCGX 3(2.5)2-AL		
				.365	.156	.016																		★		★							
				.349	.156	.031																			★		★						
		12	1/2	12.5	4.76	0.40	CCGX 12 04 04-AL																	★							CCGX 431-AL		
				.492	.188	.016																			★							CCGX 432-AL	
	UM			.476	.188	.031	CCGX 12 04 08-AL																	★									
		06	1/4	6.3	2.38	0.10	CCGT 06 02 01-UM						★	★								★	★	★	★	★	★	★	★	★	★	CCGT 2(1.5)03-UM	
				.250	.094	.004							★	★								★	★	★	★	★	★	★	★	★	★	CCGT 2(1.5)0-UM	
				.246	.094	.008								★	★		★					★	★	★	★	★	★	★	★	★	★	CCGT 2(1.5)1-UM	
				.238	.094	.016							★	★	★	★						★	★	★	★	★	★	★	★	★	★		
		09	3/8	9.6	3.97	0.10	CCGT 09 T3 01-UM						★	★	★							★	★	★	★	★	★	★	★	★	★	CCGT 3(2.5)03-UM	
				.377	.156	.004							★	★	★							★	★	★	★	★	★	★	★	★	★	CCGT 3(2.5)0-UM	
				.373	.156	.008							★	★	★							★	★	★	★	★	★	★	★	★	★	CCGT 3(2.5)1-UM	
				.365	.156	.016							★	★	★							★	★	★	★	★	★	★	★	★	★	CCGT 3(2.5)2-UM	
				.349	.156	.031							★	★	★	★	★					★	★	★	★	★	★	★	★	★	★		
		06	1/4	6.0	2.38	0.40	CCMT 06 02 04-UM	★		★	★	★	★	★							★	★					★	★				CCMT 2(1.5)1-UM	
				.238	.094	.016				★	★			★	★							★	★				★	★					CCMT 2(1.5)2-UM
				.56	2.38	0.79				★	★			★	★							★	★				★	★					
				.222	.094	.031																					★	★					
		09	3/8	9.3	3.97	0.40	CCMT 09 T3 04-UM	★		★	★		★	★	★	★	★					★	★	★	★		★	★	★				CCMT 3(2.5)1-UM
				.365	.156	.016				★	★		★	★	★	★	★					★	★	★	★		★	★	★				
		.349	.156	.031				★	★	★	★	★	★	★	★	★					★	★			★	★							
12	1/2	12.1	4.76	0.79	CCMT 12 04 08-UM			★	★											★											CCMT 432-UM		
		.476	.188	.031																	★												
Roughing	PR	06	1/4	5.6	2.38	0.79	CCMT 06 02 08-PR			★	★	★									★											CCMT 2(1.5)2-PR	
				.222	.094	.031																											
		09	3/8	8.9	3.97	0.79	CCMT 09 T3 08-PR			★	★	★										★											CCMT 3(2.5)2-PR
				.349	.156	.031																											
				8.5	3.97	1.19	CCMT 09 T3 12-PR			★	★	★											★										CCMT 3(2.5)3-PR
				.334	.156	.047																											
	KR	12	1/2	12.1	4.76	0.79	CCMT 12 04 08-PR			★	★	★										★											CCMT 432-PR
				.476	.188	.031																											
				11.7	4.76	1.19	CCMT 12 04 12-PR			★	★	★											★										CCMT 433-PR
				.460	.188	.047																											
KR	06	1/4	5.6	2.38	0.79	CCMT 06 02 08-KR													★	★	★			★					★		CCMT 2(1.5)2-KR		
			.222	.094	.031																												
	09	3/8	8.9	3.97	0.79	CCMT 09 T3 08-KR														★	★	★			★				★		CCMT 3(2.5)2-KR		
			.349	.156	.031																												
			8.5	3.97	1.19	CCMT 09 T3 12-KR															★	★										CCMT 3(2.5)3-KR	
			.334	.156	.047																												
	12	1/2	12.1	4.76	0.79	CCMT 12 04 08-KR													★	★	★			★				★		CCMT 432-KR			
			.476	.188	.031																★	★	★			★			★		CCMT 433-KR		
		.460	.188	.047																	★	★	★			★			★				

CoroTurn® 107 insert for turning

C-style insert (Rhombic 80°)



		 				BS	ISO CODE	P					M					K			N			S				ANSI CODE				
		LE	S	RE	1525			4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125	H10	H13A	1105	1115		1125	H13A	SD5F	
Roughing	MR	06	1/4	5.6	2.38	0.79	CCMT 06 02 08-MR									☆		★													CCMT 2(1.5)2-MR	
				.222	.094	.031																										
		09	3/8	8.9	3.97	0.79	CCMT 09 T3 08-MR									☆	☆	★	☆												CCMT 3(2.5)2-MR	
				.349	.156	.031																										
				8.5	3.97	1.19	CCMT 09 T3 12-MR										★		☆													
				.334	.156	.047																										
		12	1/2	12.1	4.76	0.79	CCMT 12 04 08-MR									☆	★	☆													CCMT 432-MR	
				.476	.188	.031																										
			11.7	4.76	1.19	CCMT 12 04 12-MR									☆	★	☆															
			.460	.188	.047																											
	UR	06	1/4	6.0	2.38	0.40	CCMT 06 02 04-UR				☆	★									★											CCMT 2(1.5)1-UR
				.238	.094	.016																										
		09	3/8	9.3	3.97	0.40	CCMT 09 T3 04-UR				☆	☆	★								★											CCMT 3(2.5)1-UR
				.365	.156	.016																										
			8.9	3.97	0.79	CCMT 09 T3 08-UR				☆	☆	★								★												
			.349	.156	.031																											
	12	1/2	12.1	4.76	0.79	CCMT 12 04 08-UR				☆	☆	★								★											CCMT 432-UR	
			.476	.188	.031																											
	16	5/8	15.3	5.56	0.79	CCMT 16 05 08-UR						★																			CCMT 542-UR	
			.603	.219	.031																											



A68



A107



A348



A379



H37

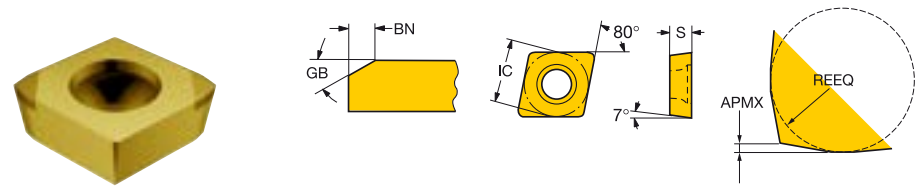


H6

CoroTurn® 107 insert for turning

C-style insert (Rhombic 80°)
Advanced cutting materials - Xcel geometry

B



C

Finishing									ISO CODE	H				
	09	3/8	LE	S	REEQ	APMX	GB	BN		7015	7025	7105	7115	7125
			2.3	3.97	1.9	0.2	15°	0.15		☆	☆	☆	☆	★
			.091	.156	.075	.008	15°	.006						

D

E

F

G

H

A68

A107

A348

A379

H37

H28

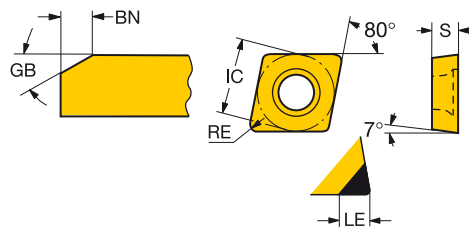
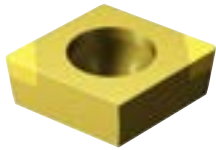
H6

H3

CoroTurn® 107 insert for turning

C-style insert (Rhombic 80°)

Advanced cutting materials



			LE	S	RE	BS	GB	BN	ISO CODE	K	7525	CD05	N	CD10	H								ANSI CODE			
	7015	7025													7105	7115	7125	7135	7525							
Finishing	06	1/4	2.4	2.38	0.2		20°	0.10	CCGW060202S01020F											★					CCGW2(1.5)0S0320F	
			.095	.094	.008		20°	.004													★				CCGW2(1.5)0T0320F	
			2.6	2.38	0.2		20°	0.10	CCGW060202T01020F																CCGW2(1.5)0T0320F	
			.102	.094	.008		20°	.004																		
			1.5	2.38	0.2		30°	0.10	CCGW060202T01030F						☆	★										CCGW2(1.5)0T0330F
			.059	.094	.008		30°	.004																		
			2.6	2.38	0.4		20°	0.10	CCGW060204S01020F						☆	☆	☆	☆	★							CCGW2(1.5)1S0320F
			.102	.094	.016		20°	.004																		
			2.8	2.38	0.4		30°	0.10	CCGW060204S01030F						☆	☆							★			CCGW2(1.5)1S0330F
			.110	.094	.016		30°	.004																		
			2.6	2.38	0.4		30°	0.15	CCGW060204S01530F												★					CCGW2(1.5)1S0530F
			.102	.094	.016		30°	.006																		
			2.8	2.38	0.4		20°	0.10	CCGW060204T01020F	★														★		CCGW2(1.5)1T0320F
			.110	.094	.016		20°	.004																		
			1.8	2.38	0.4		30°	0.10	CCGW060204T01030F						★											CCGW2(1.5)1T0330F
			.071	.094	.016		30°	.004																		
			2.5	2.38	0.8		20°	0.10	CCGW060208S01020F									☆	★							CCGW2(1.5)2S0320F
			.098	.094	.031		20°	.004																		
			2.0	2.38	0.8		30°	0.10	CCGW060208S01030F						☆	★										CCGW2(1.5)2S0330F
			.079	.094	.031		30°	.004																		
			2.0	2.38	0.8		30°	0.10	CCGW060208T01030F						★											CCGW2(1.5)2T0330F
			.079	.094	.031		30°	.004																		
			2.9	2.38	0.4					CCMW060204FP			☆	★												CCMW2(1.5)1FP
			.114	.094	.016																					
			2.6	2.38	0.4	0.5	20°	0.15	CCGW060204S01520FWH								☆	★								CCGW2(1.5)1S0520FWH
			.102	.094	.016	.018	20°	.006																		
			1.8	2.38	0.4	0.5	30°	0.10	CCGW060204T01030FWH						☆	★										CCGW2(1.5)1T0330FWH
			.071	.094	.016	.018	30°	.004																		
			2.6	2.38	0.8	0.6	20°	0.15	CCGW060208S01520FWH								☆	★								CCGW2(1.5)2S0520FWH
			.102	.094	.031	.022	20°	.006																		
			2.0	2.38	0.8	0.6	30°	0.10	CCGW060208T01030FWH						☆											CCGW2(1.5)2T0330FWH
			.079	.094	.031	.022	30°	.004																		

C

D

E

F

G

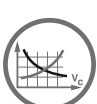
H



A68



A107



A348



A379



H37



H28

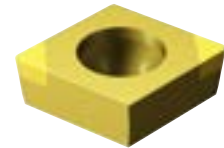


H6



H3

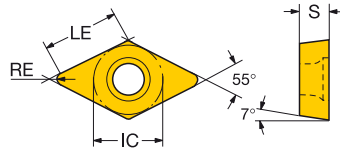
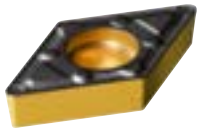
Advanced cutting materials



Finishing

CoroTurn® 107 insert for turning

D-style insert (Rhombic 55°)



				LE	S	RE	BS	ISO CODE	P					M					K			N			S			ANSI CODE			
									1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125	H10	H13A		1105	1115	1125
Finishing	WF	07	1/4	7.6	2.38	0.20	0.4	DCMX 07 02 02-WF							★		★								☆				★	DCMX 2(1.5)0-WF	
				.297	.094	.008	.014																								
				7.4	2.38	0.40	0.6	DCMX 07 02 04-WF	☆		★	☆		☆	☆	★				☆	☆				★	☆				DCMX 2(1.5)1-WF	
				.289	.094	.016	.022																								
		11	3/8	7.0	2.38	0.79	0.6	DCMX 07 02 08-WF	☆		★	☆			☆	★					☆	☆						★		DCMX 2(1.5)2-WF	
				.274	.094	.031	.024																								
				11.4	3.97	0.20	0.4	DCMX 11 T3 02-WF						★	★						☆					★			DCMX 3(2.5)0-WF		
				.450	.156	.008	.014																								
		11	3/8	11.2	3.97	0.40	0.5	DCMX 11 T3 04-WF	☆		★	☆		☆	☆	★			★	☆	☆	☆	☆			★	☆			DCMX 3(2.5)1-WF	
				.442	.156	.016	.020																								
	10.8			3.97	0.79	0.7	DCMX 11 T3 08-WF	☆		★	☆		☆	☆	★			★	☆	☆	☆	☆			★	☆			DCMX 3(2.5)2-WF		
	.426			.156	.031	.028																									
	PF	07	1/4	7.6	2.38	0.20		DCMT 07 02 02-PF				☆	★						★											DCMT 2(1.5)0-PF	
				.297	.094	.008																									
				7.4	2.38	0.40		DCMT 07 02 04-PF			★	☆		☆							☆										DCMT 2(1.5)1-PF
				.289	.094	.016																									
		11	3/8	11.4	3.97	0.20		DCMT 11 T3 02-PF				☆	★							★										DCMT 3(2.5)0-PF	
				.450	.156	.008																									
				11.2	3.97	0.40		DCMT 11 T3 04-PF			★	☆		☆							☆									DCMT 3(2.5)1-PF	
				.442	.156	.016																									
		10.8	3/8	10.8	3.97	0.79		DCMT 11 T3 08-PF			★	☆		☆						☆										DCMT 3(2.5)2-PF	
				.426	.156	.031																									
	KF	07	1/4	7.6	2.38	0.20		DCMT 07 02 02-KF												★		★						★	DCMT 2(1.5)0-KF		
				.297	.094	.008																									
				7.4	2.38	0.40		DCMT 07 02 04-KF													★	☆	☆		★			★	DCMT 2(1.5)1-KF		
				.289	.094	.016																									
		11	3/8	11.4	3.97	0.20		DCMT 11 T3 02-KF													★		★					★	DCMT 3(2.5)0-KF		
				.450	.156	.008																									
				11.2	3.97	0.40		DCMT 11 T3 04-KF													★	☆	☆		★			★	DCMT 3(2.5)1-KF		
				.442	.156	.016																									
		10.8	3/8	10.8	3.97	0.79		DCMT 11 T3 08-KF													★	☆							DCMT 3(2.5)2-KF		
				.426	.156	.031																									
	MF	07	1/4	7.6	2.38	0.20		DCMT 07 02 02-MF						★	☆									★	☆	☆		DCMT 2(1.5)0-MF			
				.297	.094	.008																									
				7.4	2.38	0.40		DCMT 07 02 04-MF							☆	☆	☆	★	☆				★	☆	☆				DCMT 2(1.5)1-MF		
				.289	.094	.016																									
		11	3/8	11.4	3.97	0.20		DCMT 11 T3 02-MF						★	☆									★	☆	☆			DCMT 3(2.5)0-MF		
				.450	.156	.008																									
				11.2	3.97	0.40		DCMT 11 T3 04-MF							☆	☆	☆	★	☆				★	☆	☆				DCMT 3(2.5)1-MF		
				.442	.156	.016																									
		10.8	3/8	10.8	3.97	0.79		DCMT 11 T3 08-MF						☆	☆	☆	★	☆					★	☆	☆	☆			DCMT 3(2.5)2-MF		
				.426	.156	.031																									
	UF	07	1/4	7.6	2.38	0.20		DCMT 07 02 02-UF					★	★							☆					★			DCMT 2(1.5)0-UF		
				.297	.094	.008																									
				7.4	2.38	0.40		DCMT 07 02 04-UF			★	☆			★					☆	☆					★				DCMT 2(1.5)1-UF	
				.289	.094	.016																									
		11	3/8	11.2	3.97	0.40		DCMT 11 T3 04-UF			★	☆		☆	★					☆	☆					★			DCMT 3(2.5)1-UF		
				.442	.156	.016																									
10.8				3.97	0.79		DCMT 11 T3 08-UF			★	☆								☆										DCMT 3(2.5)2-UF		
.426				.156	.031																										

C

D

E

F

G

H



A68



A107



A348



A379

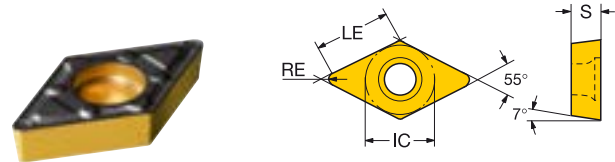


H37



H6

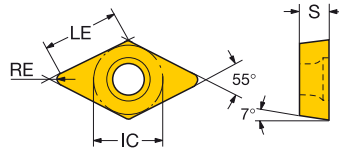
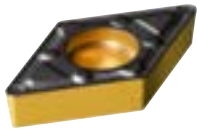
CoroTurn® 107 insert for turning
D-style insert (Rhombic 55°)



		 	LE	S	RE	BS	ISO CODE	P					M					K			N		S				ANSI CODE							
								1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125	H10	H13A		1105	1115	1125	H13A	505F		
Medium	WM	11	3/8	11.2	3.97	0.40	0.6	DCMX 11 T3 04-WM	☆			☆							☆	☆	☆							☆			DCMX 3(2.5)1-WM			
				.442	.156	.016	.024																											
				10.8	3.97	0.79	0.7	DCMX 11 T3 08-WM	☆	☆	☆	☆	☆								☆	☆	☆						☆				DCMX 3(2.5)2-WM	
						.426	.156	.031	.028																									
		07	1/4	7.4	2.38	0.40		DCMT 07 02 04-PM	☆				☆									☆											DCMT 2(1.5)1-PM	
						.289	.094	.016																										
	7.0			2.38	0.79		DCMT 07 02 08-PM	☆				☆	☆	☆								☆											DCMT 2(1.5)2-PM	
					.274	.094	.031																											
	PM	11	3/8	11.2	3.97	0.40		DCMT 11 T3 04-PM	☆	☆	☆	☆	☆	☆							☆												DCMT 3(2.5)1-PM	
						.442	.156	.016																										
				10.8	3.97	0.79		DCMT 11 T3 08-PM	☆	☆	☆	☆	☆	☆									☆											DCMT 3(2.5)2-PM
				.426	.156	.031																												
				10.4	3.97	1.19		DCMT 11 T3 12-PM	☆			☆	☆	☆								☆											DCMT 3(2.5)3-PM	
						.411	.156	.047																										
	MM	07	1/4	7.4	2.38	0.40		DCMT 07 02 04-MM						☆	☆	☆	☆	☆										☆	☆	☆			DCMT 2(1.5)1-MM	
						.289	.094	.016																										
				7.0	2.38	0.79		DCMT 07 02 08-MM						☆	☆	☆	☆	☆										☆	☆	☆				DCMT 2(1.5)2-MM
				.274	.094	.031																												
		11	3/8	11.2	3.97	0.40		DCMT 11 T3 04-MM						☆	☆	☆	☆	☆										☆	☆	☆				DCMT 3(2.5)1-MM
						.442	.156	.016																										
	10.8			3.97	0.79		DCMT 11 T3 08-MM						☆	☆	☆	☆	☆										☆	☆	☆				DCMT 3(2.5)2-MM	
			.426	.156	.031																													
			10.4	3.97	1.19		DCMT 11 T3 12-MM					☆	☆		☆	☆	☆										☆	☆					DCMT 3(2.5)3-MM	
					.411	.156	.047																											
KM	07	1/4	7.4	2.38	0.40		DCMT 07 02 04-KM												☆	☆		☆					☆				☆	DCMT 2(1.5)1-KM		
					.289	.094	.016																											
			7.0	2.38	0.79		DCMT 07 02 08-KM														☆	☆		☆							☆	DCMT 2(1.5)2-KM		
			.274	.094	.031																													
	11	3/8	11.2	3.97	0.40		DCMT 11 T3 04-KM													☆	☆		☆				☆				☆	DCMT 3(2.5)1-KM		
					.442	.156	.016																											
10.8			3.97	0.79		DCMT 11 T3 08-KM															☆	☆		☆						☆	DCMT 3(2.5)2-KM			
		.426	.156	.031																														
		10.4	3.97	1.19		DCMT 11 T3 12-KM														☆	☆											DCMT 3(2.5)3-KM		
				.411	.156	.047																												
UM	07	1/4	7.7	2.38	0.10		DCGT 07 02 01-UM						☆	☆							☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	DCGT 2(1.5)03-UM		
					.301	.094	.004																											
			7.6	2.38	0.20		DCGT 07 02 02-UM							☆	☆							☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	DCGT 2(1.5)0-UM	
				.297	.094	.008																												
		7.4	2.38	0.40		DCGT 07 02 04-UM						☆	☆	☆		☆						☆	☆		☆	☆	☆	☆	☆	☆	☆	DCGT 2(1.5)1-UM		
				.289	.094	.016																												
	11	3/8	7.0	2.38	0.79		DCGT 07 02 08-UM							☆								☆	☆		☆	☆	☆	☆	☆	☆	☆	DCGT 2(1.5)2-UM		
					.274	.094	.031																											
			11.5	3.97	0.10		DCGT 11 T3 01-UM							☆	☆	☆						☆	☆		☆	☆	☆	☆	☆	☆	☆	DCGT 3(2.5)03-UM		
				.454	.156	.004																												
		11.4	3.97	0.20		DCGT 11 T3 02-UM								☆	☆	☆						☆	☆		☆	☆	☆	☆	☆	☆	☆	DCGT 3(2.5)0-UM		
				.450	.156	.008																												
	07	1/4	11.2	3.97	0.40		DCGT 11 T3 04-UM							☆	☆	☆		☆				☆	☆		☆	☆	☆	☆	☆	☆	☆	DCGT 3(2.5)1-UM		
					.442	.156	.016																											
			10.8	3.97	0.79		DCGT 11 T3 08-UM							☆	☆	☆						☆	☆		☆	☆	☆	☆	☆	☆	☆	DCGT 3(2.5)2-UM		
				.426	.156	.031																												
		11	3/8	11.5	3.97	0.10		DCET 11 T3 01-UM							☆	☆							☆			☆	☆	☆	☆	☆	☆	☆	DCET 3(2.5)03-UM	
						.454	.156	.004																										
11.4	3.97			0.20		DCET 11 T3 02-UM								☆	☆							☆			☆	☆	☆	☆	☆	☆	☆	DCET 3(2.5)0-UM		
		.450	.156	.008																														
11	3/8	11.2	3.97	0.40		DCET 11 T3 04-UM							☆	☆							☆			☆	☆	☆	☆	☆	☆	☆	DCET 3(2.5)1-UM			
				.442	.156	.016																												
		11.2	3.97	0.40		DCET 11 T3 04-UM							☆	☆							☆			☆	☆	☆	☆	☆	☆	☆	DCET 3(2.5)1-UM			
			.442	.156	.016																													
	07	1/4	7.7	2.38	0.05		DCET 07 02 00-UM							☆	☆							☆			☆	☆	☆	☆	☆	☆	☆	DCET 2(1.5)00-UM		
					.303	.094	.002																											
7.7			2.38	0.10		DCET 07 02 01-UM								☆	☆							☆			☆	☆	☆	☆	☆	☆	☆	DCET 2(1.5)03-UM		
		.301	.094	.004																														

CoroTurn® 107 insert for turning

D-style insert (Rhombic 55°)



		 	LE	S	RE	BS	ISO CODE	P					M					K		N		S					ANSI CODE			
								1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125	H10	H13A		1105	1115	1125
Medium	AL	07	1/4	7.6	2.38	0.20	DCGX 07 02 02-AL																	★	★				DCGX 2(1.5)0-AL	
				.297	.094	.008																		★	★				DCGX 2(1.5)1-AL	
				7.4	2.38	0.40	DCGX 07 02 04-AL																	★	★					
				.289	.094	.016																								
		11	3/8	11.4	3.97	0.20	DCGX 11 T3 02-AL																	★	★				DCGX 3(2.5)0-AL	
				.450	.156	.008																		★	★				DCGX 3(2.5)1-AL	
			11.2	3.97	0.40	DCGX 11 T3 04-AL																	★	★						
			.442	.156	.016																									
			10.8	3.97	0.79	DCGX 11 T3 08-AL																	★	★				DCGX 3(2.5)2-AL		
			.426	.156	.031																									
	UM	07	1/4	7.4	2.38	0.40	DCMT 07 02 04-UM	☆		☆	★			★	☆					★		☆				☆	★		DCMT 2(1.5)1-UM	
				.289	.094	.016															★		☆			☆	★			
			7.0	2.38	0.79	DCMT 07 02 08-UM				☆	★			★	☆					★		☆			☆	★			DCMT 2(1.5)2-UM	
			.274	.094	.031																									
11		3/8	11.2	3.97	0.40	DCMT 11 T3 04-UM	☆		☆	☆	★	☆	☆	☆					★		☆				☆	★			DCMT 3(2.5)1-UM	
			.442	.156	.016																					☆	★			
		10.8	3.97	0.79	DCMT 11 T3 08-UM	☆		☆	☆	★	☆	☆	☆	★	☆				★		☆			☆	★			DCMT 3(2.5)2-UM		
		.426	.156	.031																										
Roughing	PR	11	3/8	10.8	3.97	0.79	DCMT 11 T3 08-PR		☆	☆	☆	★								★									DCMT 3(2.5)2-PR	
				.426	.156	.031															★									
				10.4	3.97	1.19	DCMT 11 T3 12-PR		☆	☆	☆	★									★								DCMT 3(2.5)3-PR	
			.411	.156	.047																									
	KR	11	3/8	10.8	3.97	0.79	DCMT 11 T3 08-KR												☆	★		☆		★				★	DCMT 3(2.5)2-KR	
				.426	.156	.031																								
				10.4	3.97	1.19	DCMT 11 T3 12-KR													☆	★								DCMT 3(2.5)3-KR	
			.411	.156	.047																									
	MR	11	3/8	10.8	3.97	0.79	DCMT 11 T3 08-MR								☆	☆	★	☆											DCMT 3(2.5)2-MR	
				.426	.156	.031																								
				10.4	3.97	1.19	DCMT 11 T3 12-MR									☆	★	☆											DCMT 3(2.5)3-MR	
			.411	.156	.047																									
UR	11	3/8	11.2	3.97	0.40	DCMT 11 T3 04-UR			☆	★										★								DCMT 3(2.5)1-UR		
			.442	.156	.016																									
			10.8	3.97	0.79	DCMT 11 T3 08-UR			☆	☆	★			★						★								DCMT 3(2.5)2-UR		
			.426	.156	.031																									
		10.4	3.97	1.19	DCMT 11 T3 12-UR			☆	☆	★										★								DCMT 3(2.5)3-UR		
		.411	.156	.047																										

C

D

E

F

G

H



A68



A107



A348



A379

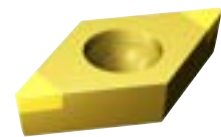


H37



H6

Advanced cutting materials

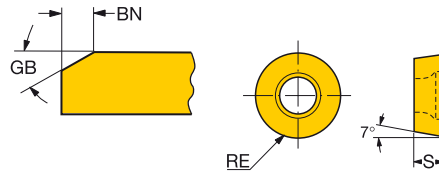


		LE	S	RE	BS	GB	BN	ISO CODE	7325	CD05	CD10	7015	7025	7105	7115	7125	7135	7325	ANSI CODE				
Finishing	07	1/4	2.5	2.38	0.2		20°	0.10	DCGW070202S01020F						★				DCGW2(1.5)0S0320F				
			.098	.094	.008		20°	.004															
	2.5	2.38	0.2		20°	0.10	DCGW070202T01020F								★			DCGW2(1.5)0T0320F					
	.098	.094	.008		20°	.004																	
	1.5	2.38	0.2		30°	0.10	DCGW070202T01030F				☆	★						DCGW2(1.5)0T0330F					
	.059	.094	.008		30°	.004																	
	2.9	2.38	0.4		20°	0.10	DCGW070204S01020F					☆	☆	☆	★			DCGW2(1.5)1S0320F					
	.114	.094	.016		20°	.004																	
	2.9	2.38	0.4		30°	0.10	DCGW070204S01030F					☆	☆				★	DCGW2(1.5)1S0330F					
	.114	.094	.016		30°	.004																	
	2.9	2.38	0.4		30°	0.15	DCGW070204S01530F										★	DCGW2(1.5)1S0530F					
	.114	.094	.016		30°	.006																	
	2.8	2.38	0.4		20°	0.10	DCGW070204T01020F	★										★	DCGW2(1.5)1T0320F				
	.110	.094	.016		20°	.004																	
	2.5	2.38	0.8		20°	0.10	DCGW070208S01020F									★			DCGW2(1.5)2S0320F				
	.098	.094	.031		20°	.004																	
	2.1	2.38	0.8		30°	0.10	DCGW070208S01030F					☆	★						DCGW2(1.5)2S0330F				
	.083	.094	.031		30°	.004																	
	11	3/8	2.8	3.97	0.2		20°	0.10	DCGW11T302T01020F	★									★	DCGW3(2.5)0T0320F			
			.110	.156	.008		20°	.004															
			2.9	3.97	0.4		20°	0.10	DCGW11T304S01020F				☆	☆	☆	☆	★			DCGW3(2.5)1S0320F			
			.114	.156	.016		20°	.004															
			2.9	3.97	0.4		30°	0.15	DCGW11T304S01530F				☆	☆					★	☆	DCGW3(2.5)1S0630F		
			.114	.156	.016		30°	.006															
			2.9	3.97	0.4		30°	0.20	DCGW11T304S02030F								★				DCGW3(2.5)1S0830F		
			.113	.156	.016		30°	.008															
			2.9	3.97	0.4		20°	0.10	DCGW11T304T01020F	★			☆							★	DCGW3(2.5)1T0320F		
			.114	.156	.016		20°	.004															
			2.5	3.97	0.8		20°	0.10	DCGW11T308S01020F				☆	☆	☆	☆	★				DCGW3(2.5)2S0320F		
			.098	.156	.031		20°	.004															
			3.1	3.97	0.8		30°	0.15	DCGW11T308S01530F				☆	☆					★	☆	DCGW3(2.5)2S0630F		
			.122	.156	.031		30°	.006															
			2.5	3.97	0.8		30°	0.20	DCGW11T308S02030F								☆	★			DCGW3(2.5)2S0830F		
			.098	.156	.031		30°	.008															
			3.1	3.97	0.8		20°	0.10	DCGW11T308T01020F	★			☆							★	DCGW3(2.5)2T0320F		
			.122	.156	.031		20°	.004															
			2.1	3.97	1.2		20°	0.10	DCGW11T312S01020F					☆	★		☆	★				DCGW3(2.5)3S0320F	
			.083	.156	.047		20°	.004															
			2.4	3.97	1.2		30°	0.15	DCGW11T312S01530F					★								DCGW3(2.5)3S0630F	
			.094	.156	.047		30°	.006															
			4.1	3.97	0.4						DCMW11T304FP		☆	★								DCMW3(2.5)1FP	
			.161	.156	.016																		
			3.8	3.97	0.8						DCMW11T308FP		☆	★								DCMW3(2.5)2FP	
			.150	.156	.031																		
			1.8	3.97	0.4	0.5	20°	0.10			DCGW11T304S01020FWH				☆	★						DCGW3(2.5)1S0320FWH	
			.071	.156	.016	.018	20°	.004															
			2.9	3.97	0.4	0.5	20°	0.15			DCGW11T304S01520FWH						☆	★				DCGW3(2.5)1S0520FWH	
			.113	.156	.016	.018	20°	.006															
2.1			3.97	0.8	0.6	20°	0.10			DCGW11T308S01020FWH				☆	☆					★	DCGW3(2.5)2S0320FWH		
.083			.156	.031	.022	20°	.004																
2.5	3.97	0.8	0.6	20°	0.15			DCGW11T308S01520FWH						☆	★				DCGW3(2.5)2S0520FWH				
.098	.156	.031	.022	20°	.006																		



CoroTurn® 107 insert for turning

R-style insert (Round)



Metric version

			S	RE	GB	BN	ISO CODE	P				M				K		N		S								
								4305	4315	4325	4335	5015	1115	1125	2025	2220	3210	3225	4325	H13A	1125	H10	H13A	1105		1115	1125	H13A
Medium	M0	05	2.38	2.50	0°	0.10	RCMT 05 02 M0			★		☆	☆	☆	★	☆		☆	★				★	☆	☆	☆		
		06	2.38	3.00	0°	0.10	RCMT 06 02 M0		☆	☆	★	☆		☆	★	☆		☆	★				★	☆	☆	☆		
		08	3.18	4.00	0°	0.10	RCMT 08 03 M0		☆	☆	★	☆		☆	★	☆		☆	★					☆	☆	★	☆	
		10	3.97	5.00	15°	0.10	RCMT 10 T3 M0		☆	☆	☆	★			★	☆	★	☆	☆	☆						★		
		12	4.76	6.00	15°	0.12	RCMT 12 04 M0		☆	☆	☆	★			★	☆	★	☆	☆	☆						★		
		16	6.35	8.00	15°	0.15	RCMT 16 06 M0		☆	☆	☆	★			★	☆	★	☆	☆	☆						★		
		20	6.35	10.00	15°	0.15	RCMT 20 06 M0		☆	☆	☆	★			★	☆	★	☆	☆	☆						★		
	SM	08	3.18	4.00			RCMT 08 03 M0-SM						★	☆									★	☆	☆	☆	☆	
		10	3.97	5.00	15°	0.10	RCMT 10 T3 M0-SM						★	☆									★	☆	☆	☆	☆	
		12	4.76	6.00	15°	0.10	RCMT 12 04 M0-SM						★	☆									★	☆	☆	☆	☆	
		16	6.35	8.00	15°	0.10	RCMT 16 06 M0-SM						★	☆									★	☆	☆	☆	☆	
	AL	06	2.38	3.00			RCGX 06 02 M0-AL															★						
		08	3.18	4.00			RCGX 08 03 M0-AL																★					
		10	3.97	5.00			RCGX 10 T3 M0-AL															★		★				
		12	4.76	6.00			RCGX 12 04 M0-AL															★	★					
	00	09	3.97	4.76	15°	0.08	RCMT 09 T3 00		☆	★	☆							☆	★							★		
		12	4.76	6.35	15°	0.12	RCMT 12 04 00		☆	★	☆						☆	☆	★							★		
		09	3.97	4.76	15°	0.10	RCMT 09 T3 00-M0			★	☆			★				☆	★			★				★		
		12	4.76	6.35	15°	0.12	RCMT 12 04 00-M0		☆	★	☆							☆	★			★				★		
	M0	19	6.35	9.53	15°	0.15	RCMT 19 06 00-M0											★	★			★				★		

Inch version

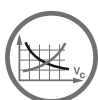
			S	RE	GB	BN	ISO CODE	P				M				K		S				ANSI CODE				
								4315	4325	4335	H13A	1105	1115	1125	2025	H13A	3225	4315	4325	H13A	1105		1115	1125	H13A	S05F
Medium	SM	1/4	.125	.125			RCMT 06 03 00-SM						★	☆		☆						☆	★	☆	☆	RCMT 22-SM
		3/8	.156	.188	15°	.004	RCMT 09 T3 00-SM						★	☆		☆						☆	★	☆	☆	RCMT 3(2.5)-SM
		1/2	.188	.250	15°	.004	RCMT 12 04 00-SM					☆	★	☆		☆					★	☆	☆	☆	☆	RCMT 43-SM
	00	1/4	.125	.125	0°	.004	RCMT 06 03 00	☆	★			☆				★		☆	☆	★				★		RCMT 22
		3/8	.156	.188	15°	.003	RCMT 09 T3 00	☆	☆	★	☆				★		☆	☆	★	☆				★		RCMT 3(2.5)
		1/2	.188	.250	15°	.005	RCMT 12 04 00	☆	☆	★	☆				★		☆	☆	★	☆				★		RCMT 43
		3/4	.250	.375	15°	.006	RCMT 19 06 00	☆	★								☆	★								RCMT 64
	M0	3/8	.156	.188	15°	.004	RCMT 09 T3 00-M0			☆	★	☆			★	☆		☆	★					★		RCMT 3(2.5)M0
		1/2	.188	.250	15°	.005	RCMT 12 04 00-M0	☆	☆	★	☆				★		☆	★			★			★		RCMT 43 M0
		3/4	.250	.375	15°	.006	RCMT 19 06 00-M0				★				★			★						★		RCMT 64 M0



A68



A107



A348



A107

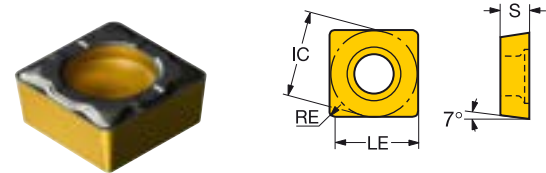


H37



H6

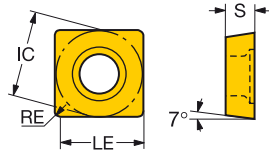
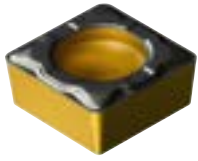
S-style insert (Square)



			LE	S	RE	ISO CODE	P					M					K			N		S			ANSI CODE			
							1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125	H10		H13A	1105	1115
Finishing	PF	09	3/8	9.1	3.97	0.40	SCMT 09 T3 04-PF			★	☆		☆							★	☆							SCMT 3(2.5)1-PF
				.359	.156	.016																					SCMT 3(2.5)2-PF	
				8.7	3.97	0.79	SCMT 09 T3 08-PF			★	☆		☆															
	MF	09	3/8	9.1	3.97	0.40	SCMT 09 T3 04-MF							☆	☆		★						★	☆		SCMT 3(2.5)1-MF		
				.359	.156	.016																						
				8.7	3.97	0.79	SCMT 09 T3 08-MF							☆	☆		★						★	☆			SCMT 3(2.5)2-MF	
UF	09	3/8	8.7	3.97	0.79	SCMT 09 T3 08-UF			★	☆									☆							SCMT 3(2.5)2-UF		
			.344	.156	.031																							
Medium	PM	09	3/8	9.1	3.97	0.40	SCMT 09 T3 04-PM	☆		☆	☆	★	☆							★							SCMT 3(2.5)1-PM	
				.359	.156	.016																						
				8.7	3.97	0.79	SCMT 09 T3 08-PM	☆		☆	☆	★	☆							★							SCMT 3(2.5)2-PM	
				.344	.156	.031																						
		12	1/2	12.3	4.76	0.40	SCMT 12 04 04-PM	☆		☆	☆	★								★							SCMT 431-PM	
				.484	.188	.016																						
				11.9	4.76	0.79	SCMT 12 04 08-PM	☆		☆	☆	★	☆							★							SCMT 432-PM	
				.469	.188	.031																						
			11.5	4.76	1.19	SCMT 12 04 12-PM			☆	☆	★								★							SCMT 433-PM		
			.453	.188	.047																							
	MM	09	3/8	9.1	3.97	0.40	SCMT 09 T3 04-MM							☆	☆	☆	★	☆	☆				★	☆	☆		SCMT 3(2.5)1-MM	
				.359	.156	.016																						
				8.7	3.97	0.79	SCMT 09 T3 08-MM								☆	☆	☆	★	☆	☆			★	☆	☆		SCMT 3(2.5)2-MM	
				.344	.156	.031																						
		12	1/2	12.3	4.76	0.40	SCMT 12 04 04-MM							☆	☆		★	☆	☆					☆	★		SCMT 431-MM	
				.484	.188	.016																						
			11.9	4.76	0.79	SCMT 12 04 08-MM							☆	☆	☆	★	☆	☆					☆	★		SCMT 432-MM		
			.469	.188	.031																							
			11.5	4.76	1.19	SCMT 12 04 12-MM							☆		★	☆	☆							★		SCMT 433-MM		
			.453	.188	.047																							
	KM	09	3/8	9.1	3.97	0.40	SCMT 09 T3 04-KM													★	☆		★				★	SCMT 3(2.5)1-KM
				.359	.156	.016															☆	☆	☆		★		★	SCMT 3(2.5)2-KM
				8.7	3.97	0.79	SCMT 09 T3 08-KM													★	☆	☆		★			★	
				.344	.156	.031																	☆				★	SCMT 432-KM
AL	09	3/8	8.7	3.97	0.79	SCGX 09 T3 08-AL																★					SCGX 3(2.5)2-AL	
			.344	.156	.031																							
UM	09	3/8	8.7	3.97	0.79	SCMT 09 T3 08-UM			☆	☆	★		☆	☆		★		★	☆					☆	★		SCMT 3(2.5)2-UM	
			.344	.156	.031																							
	12	1/2	11.9	4.76	0.79	SCMT 12 04 08-UM			☆	☆	★				★		★									SCMT 432-UM		
			.469	.188	.031																							
		11.5	4.76	1.19	SCMT 12 04 12-UM			☆	★									★								SCMT 433-UM		
		.453	.188	.047																								

CoroTurn® 107 insert for turning

S-style insert (Square)



			LE	S	RE	ISO CODE	P					M					K			N			S			ANSI CODE			
							1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125	H10	H13A		1105	1115	1125
Roughing	PR	09	3/8	8.7	3.97	0.79	SCMT 09 T3 08-PR			☆	☆	★									★								SCMT 3(2.5)2-PR
				.344	.156	.031																							
				8.3	3.97	1.19	SCMT 09 T3 12-PR			☆	☆	★									★								SCMT 3(2.5)3-PR
		.328	.156	.047																									
		12	1/2	11.9	4.76	0.79	SCMT 12 04 08-PR		☆	☆	☆	★									★								SCMT 432-PR
				.469	.188	.031																							
	11.5			4.76	1.19	SCMT 12 04 12-PR			☆	☆	★									★							SCMT 433-PR		
	.453	.188	.047																										
	KR	09	3/8	8.7	3.97	0.79	SCMT 09 T3 08-KR												☆	★		☆			★				SCMT 3(2.5)2-KR
				.344	.156	.031																							
				8.3	3.97	1.19	SCMT 09 T3 12-KR														☆	★							SCMT 3(2.5)3-KR
		.328	.156	.047																									
		12	1/2	11.9	4.76	0.79	SCMT 12 04 08-KR													☆	★		☆			★			SCMT 432-KR
				.469	.188	.031																							
	11.5			4.76	1.19	SCMT 12 04 12-KR														☆	★		☆					SCMT 433-KR	
	.453	.188	.047																										
	MR	09	3/8	8.7	3.97	0.79	SCMT 09 T3 08-MR													☆	★	☆							SCMT 3(2.5)2-MR
				.344	.156	.031																							
				8.3	3.97	1.19	SCMT 09 T3 12-MR															★							SCMT 3(2.5)3-MR
		.328	.156	.047																									
12		1/2	11.9	4.76	0.79	SCMT 12 04 08-MR														☆	★	☆						SCMT 432-MR	
			.469	.188	.031																								
	11.5		4.76	1.19	SCMT 12 04 12-MR															☆	★	☆					SCMT 433-MR		
.453	.188	.047																											
UR	09	3/8	8.7	3.97	0.79	SCMT 09 T3 08-UR			☆	☆	★									★								SCMT 3(2.5)2-UR	
			.344	.156	.031																								
			12.3	4.76	0.40	SCMT 12 04 04-UR				★												★						SCMT 431-UR	
			.484	.188	.016																								
		11.9	4.76	0.79	SCMT 12 04 08-UR			☆	☆	★										★							SCMT 432-UR		
																												.469	.188

C

D

E

F

G

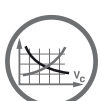
H



A68



A107



A348



A379



H37

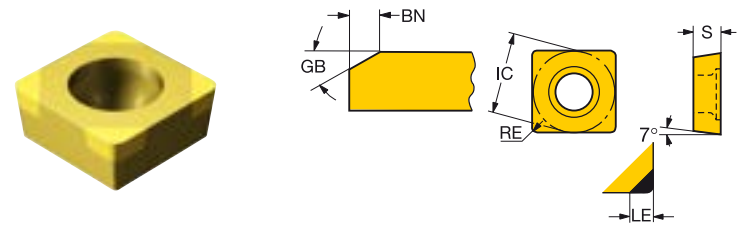


H6

CoroTurn® 107 insert for turning

S-style insert (Square)
Advanced cutting materials

B



C

	 		LE	S	RE	GB	BN	ISO CODE	H			ANSI CODE
	IC								7015	7025	7525	
Finishing	09	3/8	1.8	3.97	0.4	30°	0.10	SCGW09T304S01030F	☆	★		SCGW3(2.5)1S0330F
			.071	.156	.016	30°	.004					
			2.8	3.97	0.4	20°	0.10	SCGW09T304T01020F			★	SCGW3(2.5)1T0320F
			.110	.156	.016	20°	.004					
			2.1	3.97	0.8	30°	0.10	SCGW09T308S01030F	☆	★		SCGW3(2.5)2S0330F
			.083	.156	.031	30°	.004					
			3.1	3.97	0.8	30°	0.15	SCGW09T308S01530F			★	SCGW3(2.5)2S0630F
			.122	.156	.031	30°	.006					
		3.1	3.97	0.8	20°	0.10	SCGW09T308T01020F			★	SCGW3(2.5)2T0320F	
		.122	.156	.031	20°	.004						

D

E

F

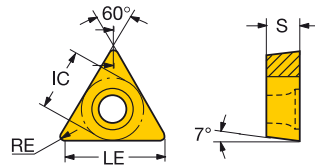
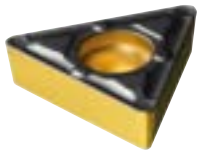
G

H



CoroTurn® 107 insert for turning

T-style insert (Triangular)



							ISO CODE	P				M				K		N		S			ANSI CODE								
			LE	S	RE	BS		1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325		H13A	1125	H10	H13A	1105	1115	1125	H10
Finishing	WF	09 7/32	9.2	2.38	0.20	0.4	TCMX 09 02 02-WF						★		★							★						★		TCMX 1.8(1.5)0-WF	
			.361	.094	.008	.014																									
			9.0	2.38	0.40	0.6	TCMX 09 02 04-WF	★		★	★		★		★					★	★	★						★		TCMX 1.8(1.5)1-WF	
			.353	.094	.016	.022																									
		11 1/4	10.5	3.18	0.20	0.4	TCMX 09 02 08-WF						★							★	★							★		TCMX 1.8(1.5)2-WF	
			.337	.094	.031	.022																									
			10.3	3.18	0.40	0.6	TCMX 11 03 02-WF						★		★									★				★		TCMX 220-WF	
			.415	.125	.008	.014																									
		16 3/8	10.3	3.18	0.40	0.6	TCMX 11 03 04-WF	★		★	★		★	★	★					★	★	★		★				★	★		TCMX 221-WF
			.407	.125	.016	.024																									
			9.9	3.18	0.79	0.7	TCMX 11 03 08-WF	★		★	★		★	★	★							★	★					★	★		TCMX 222-WF
			.391	.125	.031	.028																									
	PF	06 5/32	6.4	1.98	0.20		TCMT 06 T1 02-PF				★	★									★									TCMT 1.2(1.2)0-PF	
			.253	.078	.008																										
			6.2	1.98	0.40		TCMT 06 T1 04-PF			★	★	★										★								TCMT 1.2(1.2)1-PF	
			.245	.078	.016																										
		09 7/32	9.2	2.38	0.20		TCMT 06 T1 08-PF			★	★	★										★								TCMT 1.2(1.2)2-PF	
			.229	.078	.031																										
			9.0	2.38	0.40		TCMT 09 02 02-PF				★	★											★							TCMT 1.8(1.5)0-PF	
			.361	.094	.008																										
		11 1/4	9.0	2.38	0.40		TCMT 09 02 04-PF			★	★	★										★								TCMT 1.8(1.5)1-PF	
			.353	.094	.016																										
			10.5	3.18	0.20		TCMT 11 03 02-PF				★	★										★								TCMT 220-PF	
			.415	.125	.008																										
16 3/8	10.3	3.18	0.40		TCMT 11 03 04-PF			★	★	★										★								TCMT 221-PF			
	.407	.125	.016																												
	9.9	3.18	0.79		TCMT 11 03 08-PF			★	★	★										★								TCMT 222-PF			
	.391	.125	.031																												
KF	06 5/32	16.1	3.97	0.40		TCMT 16 T3 04-PF			★	★	★									★								TCMT 3(2.5)1-PF			
		.634	.156	.016																											
		6.4	1.98	0.20		TCMT 06 T1 02-KF														★	★	★		★				TCMT 1.2(1.2)0-KF			
		.253	.078	.008																											
	09 7/32	6.2	1.98	0.40		TCMT 06 T1 04-KF														★	★	★		★				TCMT 1.2(1.2)1-KF			
		.245	.078	.016																											
		5.8	1.98	0.79		TCMT 06 T1 08-KF														★	★	★		★				TCMT 1.2(1.2)2-KF			
		.229	.078	.031																											
	11 1/4	9.2	2.38	0.20		TCMT 09 02 02-KF														★	★	★		★				TCMT 1.8(1.5)0-KF			
		.361	.094	.008																											
		9.0	2.38	0.40		TCMT 09 02 04-KF														★	★	★		★				TCMT 1.8(1.5)1-KF			
		.353	.094	.016																											
	16 3/8	10.5	3.18	0.20		TCMT 11 03 02-KF														★	★	★		★				TCMT 220-KF			
		.415	.125	.008																											
		10.3	3.18	0.40		TCMT 11 03 04-KF														★	★	★		★				TCMT 221-KF			
		.407	.125	.016																											
16 3/8	9.9	3.18	0.79		TCMT 11 03 08-KF														★	★							TCMT 222-KF				
	.391	.125	.031																												
	16.1	3.97	0.40		TCMT 16 T3 04-KF																★		★				TCMT 3(2.5)1-KF				
	.634	.156	.016																												

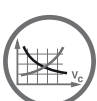
R = Right hand, L = Left hand



A68



A107



A348



A379

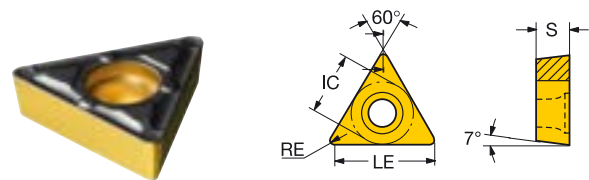


H37



H6

CoroTurn® 107 insert for turning
T-style insert (Triangular)



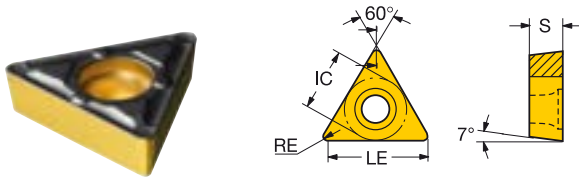
			LE	S	RE	BS	ISO CODE	P					M					K			N			S			ANSI CODE				
								1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125	H10	H13A		1105	1115	1125	H10
Finishing	MF	06	5/32	6.4	1.98	0.20	TCMT 06 T1 02-MF							★	☆											★	☆	☆	TCMT 1.2(1.2)0-MF		
				.253	.078	.008																				★	☆	☆	TCMT 1.2(1.2)1-MF		
				6.2	1.98	0.40	TCMT 06 T1 04-MF								☆	☆	★									★	☆	☆	TCMT 1.2(1.2)2-MF		
				.245	.078	.016																									
				5.8	1.98	0.79	TCMT 06 T1 08-MF								☆	☆	★									★	☆	☆	TCMT 1.2(1.2)3-MF		
				.229	.078	.031																									
		09	7/32	9.2	2.38	0.20	TCMT 09 02 02-MF								★	☆											★	☆	☆	TCMT 1.8(1.5)0-MF	
				.361	.094	.008																									
				9.0	2.38	0.40	TCMT 09 02 04-MF								☆	☆	☆	★		☆							★	☆	☆	TCMT 1.8(1.5)1-MF	
	.353			.094	.016																										
	F	11	1/4	10.5	3.18	0.20	TCMT 11 03 02-MF								★	☆											★	☆	☆	TCMT 220-MF	
				.415	.125	.008																									
				10.3	3.18	0.40	TCMT 11 03 04-MF								☆	☆	☆	★									★	☆	☆	TCMT 221-MF	
				.407	.125	.016																									
				9.9	3.18	0.79	TCMT 11 03 08-MF								☆	☆	★										★	☆		TCMT 222-MF	
				.391	.125	.031																									
		16	3/8	16.1	3.97	0.40	TCMT 16 T3 04-MF								☆	☆	☆	★		☆								★	☆		TCMT 3(2.5)1-MF
				.634	.156	.016																									
		05	1/8	5.6	1.40	0.02	TCEX 05 01 00R/L-F								★									☆			★	☆		TCEX 1(1)00L-F	
	.219			.055	.001																										
			5.5	1.40	0.10	TCEX 05 01 01R/L-F									★								☆			★	☆		TCEX 1(1)03L-F		
			.215	.055	.004																										
	06	5/32	6.6	1.98	0.02	TCEX 06 T1 00R/L-F									★								☆			★	☆		TCEX 1.2(1.2)00L-F		
			.261	.078	.001																										
			6.5	1.98	0.10	TCEX 06 T1 01R/L-F									★								☆			★	★		TCEX 1.2(1.2)03L-F		
			.257	.078	.004																										
			6.4	1.98	0.20	0.5	TCEX 06 T1 02L-F								★								☆			★	☆		TCEX 1.2(1.2)0L-F		
			.253	.078	.008	.020																									
	09	7/32	9.4	2.38	0.02	TCEX 09 02 00R/L-F							★													★				TCEX 1.8(1.5)00L-F	
			.369	.094	.001																										
			9.3	2.38	0.10	TCEX 09 02 01R/L-F							★		★									☆			★	★		TCEX 1.8(1.5)03L-F	
			.365	.094	.004																										
			9.2	2.38	0.20	0.5	TCEX 09 02 02L-F						★		★								☆			★	☆		TCEX 1.8(1.5)0L-F		
.361			.094	.008	.020																										
11	1/4	10.7	3.18	0.02	TCEX 11 03 00R/L-F							★		★								☆			★	☆		TCEX 22(00)L-F			
		.423	.125	.001																											
		10.6	3.18	0.10	TCEX 11 03 01R/L-F							★		★								☆			★	★		TCEX 22(03)L-F			
		.419	.125	.004																											
		10.5	3.18	0.20	0.5	TCEX 11 03 02L-F						★		★								☆				★		TCEX 220L-F			
		.415	.125	.008	.020																										

R = Right hand, L = Left hand



CoroTurn® 107 insert for turning

T-style insert (Triangular)



			LE	S	RE	BS	ISO CODE	P					M					K			N			S			ANSI CODE					
								1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125	H10	H13A		1105	1115	1125	H10	
Finishing	K	06	5/32	6.4	1.98	0.20	TCGT 06 T1 02R/L-K								★	★									★				★	★	TCGT 1.2(1.2)0L-K	
				.253	.078	.008																			★				★	★	TCGT 1.2(1.2)1L-K	
				.245	.078	.016	TCGT 06 T1 04R/L-K									★	★								★				★	★	TCGT 1.8(1.5)0L-K	
				.361	.094	.008																										TCGT 1.8(1.5)0L-K
				.361	.094	.008	TCGT 09 02 02R/L-K									★	★								★				★	★	TCGT 1.8(1.5)0L-K	
				.361	.094	.008																										TCGT 1.8(1.5)1L-K
				.353	.094	.016	TCGT 09 02 04L-K	★								★																TCGT 1.8(1.5)1L-K
				.353	.094	.016																										TCGT 1.8(1.5)1L-K
				.353	.094	.016	TCGT 09 02 04R/L-K									★	★								★				★	★	TCGT 2(1.5)0L-K	
				.415	.094	.008																										TCGT 2(1.5)0L-K
				.415	.094	.008	TCGT 11 02 02R/L-K										★	★							★				★	★	TCGT 2(1.5)1L-K	
				.407	.094	.016																										TCGT 2(1.5)1L-K
				.407	.094	.016	TCGT 11 02 04L-K	★								★																TCGT 2(1.5)1L-K
				.407	.094	.016																										TCGT 220L-K
				.415	.125	.008	TCGT 11 03 02R/L-K									★	★								★				★	★	TCGT 221L-K	
				.407	.125	.016																										TCGT 221L-K
	WK	06	5/32	6.2	1.98	0.40	0.5	TCGX 06 T1 04R/L-WK								★	★								★				★	★	TCGX 1.2(1.2)1L-WK	
				.245	.078	.016	.018																									TCGX 1.8(1.5)1L-WK
				.353	.094	.016	.019	TCGX 09 02 04R/L-WK								★	★								★				★	★	TCGX 2(1.5)1L-WK	
				.407	.094	.016	.020																									TCGX 221L-WK
	UF	06	5/32	6.4	1.98	0.20	TCMT 06 T1 02-UF								★	★																TCMT 1.2(1.2)0-UF
				.253	.078	.008																										TCMT 1.2(1.2)1-UF
				.245	.078	.016	TCMT 06 T1 04-UF			★	★		★																			TCMT 1.8(1.5)1-UF
				.353	.094	.016																										TCMT 1.8(1.5)2-UF
				.337	.094	.031	TCMT 09 02 08-UF								★																	TCMT 2(1.5)0-UF
				.415	.094	.008																										TCMT 2(1.5)1-UF
				.407	.094	.016	TCMT 11 02 04-UF			★	★	★	★	★							★	★	★	★	★				★	★	TCMT 2(1.5)2-UF	
				.391	.094	.031																										TCMT 3(2.5)2-UF
				.618	.156	.031	TCMT 16 T3 08-UF			★	★																					

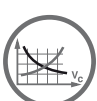
R = Right hand, L = Left hand



A68



A107



A348



A379

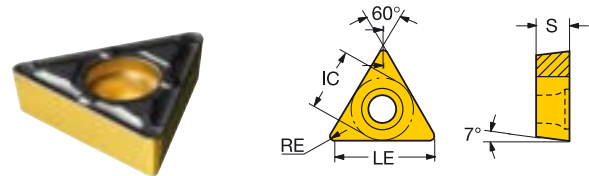


H37



H6

CoroTurn® 107 insert for turning
T-style insert (Triangular)



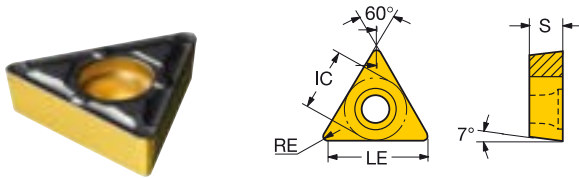
							ISO CODE	P					M					K			N			S			ANSI CODE						
			LE	S	RE	BS		1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	H10	H13A	H10		1105	1115	1125	H10		
Medium	WM	11	1/4	9.9	3.18	0.79	0.7	TCMX 11 03 08-WM			☆	★								★	☆	☆										TCMX 222-WM	
				.391	.125	.031	.028																										
		16	3/8	15.7	3.97	0.79	0.7	TCMX 16 T3 08-WM	☆	☆	☆	★								★	☆	☆										TCMX 3(2.5)2-WM	
				.618	.156	.031	.028																										
	PM	09	7/32	9.0	2.38	0.40		TCMT 09 02 04-PM	☆		☆	☆	★	☆							★											TCMT 1.8(1.5)1-PM	
				.353	.094	.016																★											
				8.6	2.38	0.79		TCMT 09 02 08-PM	☆		☆	☆	★	☆								★										TCMT 1.8(1.5)2-PM	
				.337	.094	.031																											
		11	1/4	10.3	3.18	0.40		TCMT 11 03 04-PM	☆		☆	☆	★	☆								★										TCMT 221-PM	
				.407	.125	.016																	★										
				9.9	3.18	0.79		TCMT 11 03 08-PM	☆		☆	☆	★									★										TCMT 222-PM	
				.391	.125	.031																	★										
				9.5	3.18	1.19		TCMT 11 03 12-PM			☆	☆	★									★											TCMT 223-PM
				.376	.125	.047																											
		16	3/8	16.1	3.97	0.40		TCMT 16 T3 04-PM	☆		☆	☆	★	☆								★										TCMT 3(2.5)1-PM	
				.634	.156	.016																	★										
				15.7	3.97	0.79		TCMT 16 T3 08-PM	☆	☆	☆	☆	★	☆								★											TCMT 3(2.5)2-PM
				.618	.156	.031																		★									
			15.3	3.97	1.19		TCMT 16 T3 12-PM			☆	☆	★	☆								★											TCMT 3(2.5)3-PM	
			.602	.156	.047																												
	22	1/2	21.2	4.76	0.79		TCMT 22 04 08-PM				☆	★									★											TCMT 432-PM	
			.835	.188	.031																												
Medium	MM	09	7/32	9.0	2.38	0.40		TCMT 09 02 04-MM						☆	☆	☆	★	☆	☆							★	☆	☆				TCMT 1.8(1.5)1-MM	
				.353	.094	.016									☆	☆	☆	★	☆	☆						★	☆	☆				TCMT 1.8(1.5)2-MM	
				8.6	2.38	0.79		TCMT 09 02 08-MM							☆	☆	☆	★	☆	☆						★	☆	☆					
				.337	.094	.031																											
		11	1/4	10.3	3.18	0.40		TCMT 11 03 04-MM							☆	☆	☆	★	☆	☆						★	☆	☆				TCMT 221-MM	
				.407	.125	.016																					★	☆	☆				
				9.9	3.18	0.79		TCMT 11 03 08-MM							☆	☆	☆	★	☆	☆						★	☆	☆				TCMT 222-MM	
				.391	.125	.031																											
		16	3/8	16.1	3.97	0.40		TCMT 16 T3 04-MM							☆	☆	☆	★	☆	☆						★	☆	☆				TCMT 3(2.5)1-MM	
				.634	.156	.016																											
				15.7	3.97	0.79		TCMT 16 T3 08-MM							☆	☆	☆	★	☆	☆						★	☆	☆					TCMT 3(2.5)2-MM
				.618	.156	.031																											
				15.3	3.97	1.19		TCMT 16 T3 12-MM							☆		★		☆									★					TCMT 3(2.5)3-MM
				.602	.156	.047																											
		22	1/2	21.2	4.76	0.79		TCMT 22 04 08-MM										★															TCMT 432-MM
				.835	.188	.031																											
Medium	KM	09	7/32	9.0	2.38	0.40		TCMT 09 02 04-KM												★	☆	☆			★							TCMT 1.8(1.5)1-KM	
				.353	.094	.016															★	☆	☆			★							
				8.6	2.38	0.79		TCMT 09 02 08-KM													★	☆	☆			★							
				.337	.094	.031																											
		11	1/4	10.3	3.18	0.40		TCMT 11 03 04-KM													★	☆	☆			★							TCMT 221-KM
				.407	.125	.016																★	☆	☆			★						
				9.9	3.18	0.79		TCMT 11 03 08-KM													★	☆	☆			★							TCMT 222-KM
				.391	.125	.031																											
				9.5	3.18	1.19		TCMT 11 03 12-KM													★	☆											TCMT 223-KM
				.376	.125	.047																											
		16	3/8	16.1	3.97	0.40		TCMT 16 T3 04-KM													★	☆	☆			★							TCMT 3(2.5)1-KM
				.634	.156	.016															★	☆	☆			★							
				15.7	3.97	0.79		TCMT 16 T3 08-KM													★	☆	☆			★							TCMT 3(2.5)2-KM
				.618	.156	.031															★	☆	☆			★							
				15.3	3.97	1.19		TCMT 16 T3 12-KM													★	☆	☆			★							TCMT 3(2.5)3-KM
				.602	.156	.047																											
22	1/2	21.2	4.76	0.79		TCMT 22 04 08-KM													★	☆	☆			★							TCMT 432-KM		
		.835	.188	.031																													

R = Right hand, L = Left hand



CoroTurn® 107 insert for turning

T-style insert (Triangular)



			LE	S	RE	BS	ISO CODE	P					M					K			N			S					ANSI CODE		
								1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125	H10	H13A	1105	1115		1125	H10
UM	09	7/32	9.0	2.38	0.40		TCGT 09 02 04-UM						★																	TCGT 1.8(1.5)1-UM	
			.353	.094	.016																										
	11	1/4	10.6	2.38	0.10		TCGT 11 02 01-UM						★	★							★	☆		★				★		TCGT 2(1.5)03-UM	
			.419	.094	.004																										
			10.5	2.38	0.20		TCGT 11 02 02-UM						★	★							★	☆		★				★		TCGT 2(1.5)0-UM	
			.415	.094	.008																										
			10.3	2.38	0.40		TCGT 11 02 04-UM						★	★							★	☆		★				★		TCGT 2(1.5)1-UM	
			.407	.094	.016																										
			9.9	2.38	0.79		TCGT 11 02 08-UM						★	★							★	☆		★				★		TCGT 2(1.5)2-UM	
			.391	.094	.031																										
			10.6	3.18	0.10		TCGT 11 03 01-UM						★	★									☆					★		TCGT 22(03)-UM	
			.419	.125	.004																										
			10.5	3.18	0.20		TCGT 11 03 02-UM						★	★	☆								☆				☆	★		TCGT 220-UM	
			.415	.125	.008																										
			10.3	3.18	0.40		TCGT 11 03 04-UM						★	★	☆								☆				☆	★		TCGT 221-UM	
			.407	.125	.016																										
			9.9	3.18	0.79		TCGT 11 03 08-UM						★	★	☆								☆				☆	★		TCGT 222-UM	
			.391	.125	.031																										
Medium	AL	16	3/8	16.1	3.97	0.40	TCGT 16 T3 04-UM						★													★				TCGT 3(2.5)1-UM	
				.634	.156	.016																									
				15.7	3.97	0.79	TCGT 16 T3 08-UM																			★					TCGT 3(2.5)2-UM
				.618	.156	.031																									
		06	5/32	6.2	1.98	0.40	TCGX 06 T1 04-AL																		★				★	TCGX 1.2(1.2)1-AL	
				.245	.078	.016																									
		09	7/32	9.2	2.38	0.20	TCGX 09 02 02-AL																		★				★	TCGX 1.8(1.5)0-AL	
				.361	.094	.008																									
				9.0	2.38	0.40	TCGX 09 02 04-AL																		★				★	TCGX 1.8(1.5)1-AL	
				.353	.094	.016																									
		11	1/4	10.5	2.38	0.20	TCGX 11 02 02-AL																		★				★	TCGX 2(1.5)0-AL	
				.415	.094	.008																									
				10.3	2.38	0.40	TCGX 11 02 04-AL																		★				★	TCGX 2(1.5)1-AL	
				.407	.094	.016																									
				9.9	2.38	0.79	TCGX 11 02 08-AL																		★				★	TCGX 2(1.5)2-AL	
				.391	.094	.031																									
				10.5	3.18	0.20	TCGX 11 03 02-AL																		★				★	TCGX 220-AL	
				.415	.125	.008																									
		10.3	3.18	0.40	TCGX 11 03 04-AL																		★				★	TCGX 221-AL			
		.407	.125	.016																											
		9.9	3.18	0.79	TCGX 11 03 08-AL																		★				★	TCGX 222-AL			
		.391	.125	.031																											
UM	09	7/32	9.0	2.38	0.40		TCMT 09 02 04-UM	☆		☆	★		★	☆							★	☆				☆	★			TCMT 1.8(1.5)1-UM	
				.353	.094	.016																									
				8.6	2.38	0.79	TCMT 09 02 08-UM	☆		☆	★										★										
				.337	.094	.031																									
		11	1/4	10.3	2.38	0.40	TCMT 11 02 04-UM	☆		☆	☆	★	☆		☆	☆	★		☆			☆	★	☆			★			TCMT 2(1.5)1-UM	
				.407	.094	.016																									
				9.9	2.38	0.79	TCMT 11 02 08-UM	☆		☆	☆	★	☆		☆	☆	★		☆			☆	★	☆			★			TCMT 2(1.5)2-UM	
				.391	.094	.031																									
		16	3/8	16.1	3.97	0.40	TCMT 16 T3 04-UM			☆	☆	★		★	☆						★	☆				☆	★				TCMT 3(2.5)1-UM
				.634	.156	.016																									
		15.7	3.97	0.79	TCMT 16 T3 08-UM			☆	☆	★		★	☆						★	☆				☆	★				TCMT 3(2.5)2-UM		
		.618	.156	.031																											

R = Right hand, L = Left hand



A68



A107



A348



A379

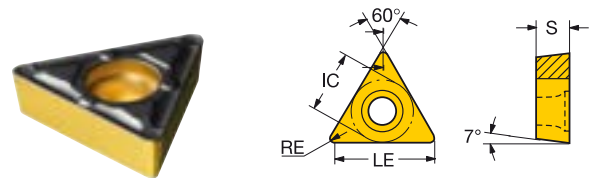


H37



H6

CoroTurn® 107 insert for turning
T-style insert (Triangular)

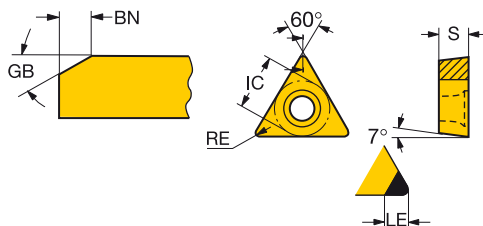


			LE	S	RE	BS	ISO CODE	P					M					K			N			S			ANSI CODE				
								1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125	H10	H13A		1105	1115	1125	H10
Roughing	PR	11	1/4	9.9	3.18	0.79	TCMT 11 03 08-PR				☆	☆	★								★									TCMT 222-PR	
				.391	.125	.031																★								TCMT 223-PR	
				.376	.125	.047																									
		16	3/8	15.7	3.97	0.79	TCMT 16 T3 08-PR				☆	☆	★									★								TCMT 3(2.5)2-PR	
				.618	.156	.031																	★							TCMT 3(2.5)3-PR	
				.602	.156	.047																									
		22	1/2	21.2	4.76	0.79	TCMT 22 04 08-PR					☆	★									★								TCMT 432-PR	
				.835	.188	.031																									
				.208	4.76	1.19	TCMT 22 04 12-PR					☆	★									★								TCMT 433-PR	
				.819	.188	.047																									
	KR	11	1/4	9.9	3.18	0.79	TCMT 11 03 08-KR													☆	★									TCMT 222-KR	
				.391	.125	.031															☆	★									TCMT 223-KR
				.376	.125	.047																									
		16	3/8	15.7	3.97	0.79	TCMT 16 T3 08-KR													☆	★		☆			★				TCMT 3(2.5)2-KR	
				.618	.156	.031															☆	★		☆			★			TCMT 3(2.5)3-KR	
				.602	.156	.047																									
		22	1/2	21.2	4.76	0.79	TCMT 22 04 08-KR													☆	★		☆			★				TCMT 432-KR	
				.835	.188	.031																									
				.208	4.76	1.19	TCMT 22 04 12-KR													☆	★		☆			★				TCMT 433-KR	
				.819	.188	.047																									
	MR	11	1/4	9.9	3.18	0.79	TCMT 11 03 08-MR										☆	★	☆											TCMT 222-MR	
				.391	.125	.031																									
		16	3/8	15.7	3.97	0.79	TCMT 16 T3 08-MR									☆	☆	★	☆							★				TCMT 3(2.5)2-MR	
				.618	.156	.031																									
				.602	.156	.047																									
		22	1/2	21.2	4.76	0.79	TCMT 22 04 08-MR											★												TCMT 432-MR	
		.835	.188	.031																											
		.208	4.76	1.19	TCMT 22 04 12-MR											★												TCMT 433-MR			
		.819	.188	.047																											
UR	11	1/4	10.3	2.38	0.40	TCMT 11 02 04-UR				☆	☆	★									☆	★			★				TCMT 2(1.5)1-UR		
			.407	.094	.016																										
			9.9	2.38	0.79	TCMT 11 02 08-UR	☆			☆	☆	★				★		☆	★	☆	☆			★					TCMT 2(1.5)2-UR		
			.391	.094	.031																										
	16	3/8	16.1	3.97	0.40	TCMT 16 T3 04-UR				☆	★										★								TCMT 3(2.5)1-UR		
			.634	.156	.016																										
			15.7	3.97	0.79	TCMT 16 T3 08-UR				☆	☆	★									★								TCMT 3(2.5)2-UR		
			.618	.156	.031																										
		15.3	3.97	1.19	TCMT 16 T3 12-UR						★									★								TCMT 3(2.5)3-UR			
		.602	.156	.047																											

R = Right hand, L = Left hand



Advanced cutting materials



Finishing

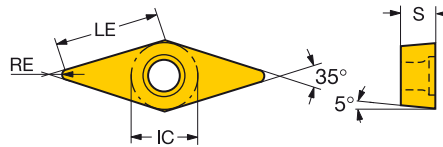


V-style insert (Rhombic 35°)

[illegible]

CoroTurn® 107 insert for turning

V-style insert (Rhombic 35°)



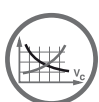
		 	LE	S	RE	ISO CODE	P					M					K				N			S					ANSI CODE			
							1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4305	4325	H13A	1125	H10	H13A	1105	1115		1125	H13A	SCGF
Medium	PM	16	3/8	16.2	4.76	0.40	VBMT 16 04 04-PM	☆	☆	☆	★	☆	☆							☆	★										VBMT 331-PM	
				.638	.188	.016														☆	★										VBMT 332-PM	
				15.8	4.76	0.79	VBMT 16 04 08-PM	☆	☆	☆	★	☆	☆								☆	★									VBMT 333-PM	
				.622	.188	.031															☆	★										
				15.4	4.76	1.19	VBMT 16 04 12-PM	☆	☆	☆	★	☆	☆								☆	★										
				.607	.188	.047																										
		11	1/4	10.7	3.18	0.40	VCMT 11 03 04-PM	☆		☆	★	☆									★										VCMT 221-PM	
				.420	.125	.016																										
				10.3	3.18	0.79	VCMT 11 03 08-PM			☆	★											★										VCMT 222-PM
				.404	.125	.031																										
	MM	16	3/8	16.2	4.76	0.40	VBMT 16 04 04-MM						☆	☆	☆	★	☆	☆							★	☆	☆				VBMT 331-MM	
				.638	.188	.016							☆	☆	☆	★	☆	☆							★	☆	☆				VBMT 332-MM	
				15.8	4.76	0.79	VBMT 16 04 08-MM						☆	☆	☆	★	☆	☆							★	☆	☆				VBMT 333-MM	
				.622	.188	.031							☆	☆	☆	★	☆	☆								☆	★					
				15.4	4.76	1.19	VBMT 16 04 12-MM						☆	☆	☆	★	☆	☆									☆	★				
				.607	.188	.047																										
		11	1/4	10.7	3.18	0.40	VCMT 11 03 04-MM						☆		★		☆									★				VCMT 221-MM		
			.420	.125	.016																											
			10.3	3.18	0.79	VCMT 11 03 08-MM										★		☆													VCMT 222-MM	
			.404	.125	.031																											
	KM	11	1/4	10.3	3.18	0.79	VCMT 11 03 08-KM													★	☆										VCMT 222-KM	
				.404	.125	.031																										
		16	3/8	16.2	4.76	0.40	VBMT 16 04 04-KM													★	☆		☆		★				★		VBMT 331-KM	
				.638	.188	.016															★	☆		☆		★			★		VBMT 332-KM	
				15.8	4.76	0.79	VBMT 16 04 08-KM														★	☆		☆		★			★		VBMT 333-KM	
			.622	.188	.031																★	☆		☆		★			★			
			15.4	4.76	1.19	VBMT 16 04 12-KM														★	☆		☆		★			★				
			.607	.188	.047																											
	UM	16	3/8	16.5	4.76	0.10	VBGT 16 04 01-UM						★	☆								★	☆		★	★	☆	☆	☆		VBGT 3303-UM	
				.650	.188	.004							★	☆									★	☆		★	★	☆	☆	☆		
				16.4	4.76	0.20	VBGT 16 04 02-UM						★	☆									★	☆		★	★	☆	☆	☆		
				.646	.188	.008							★	☆										★	☆		★	★	☆	☆	☆	
				16.2	4.76	0.40	VBGT 16 04 04-UM						★	☆										★	☆		★	★	☆	☆	☆	
				.638	.188	.016							★	☆											★	☆		★	★	☆	☆	
				15.8	4.76	0.79	VBGT 16 04 08-UM						★	☆										★	☆		★	★	☆	☆	☆	
				.622	.188	.031							★	☆											★	☆		★	★	☆	☆	
			11	1/4	11.0	3.18	0.10	VCET 11 03 01-UM						★	☆									☆			★	☆	☆			VCET 22(03)-UM
				.432	.125	.004							★	☆											☆			★	☆			
				10.9	3.18	0.20	VCET 11 03 02-UM						★	☆												☆			★	☆		
				.428	.125	.008							★	☆													☆			★	☆	
				11.0	3.18	0.10	VCET 11 03 01-UM						★	☆												★	☆		★	☆		
				.432	.125	.004							★	☆												★	☆		★	☆		
			10.9	3.18	0.20	VCET 11 03 02-UM						★	☆												★	☆		★	☆			
			.428	.125	.008							★	☆												★	☆		★	☆			
		10.7	3.18	0.40	VCET 11 03 04-UM						★	☆												★	☆		★	☆				
		.420	.125	.016																												



A68



A107



A348



A379

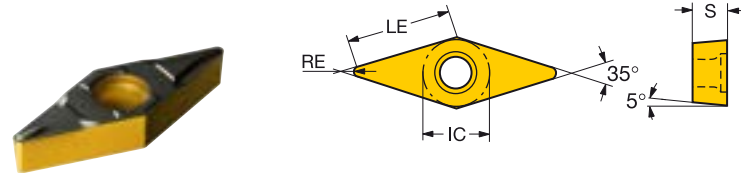


H37



H6

CoroTurn® 107 insert for turning
V-style insert (Rhombic 35°)

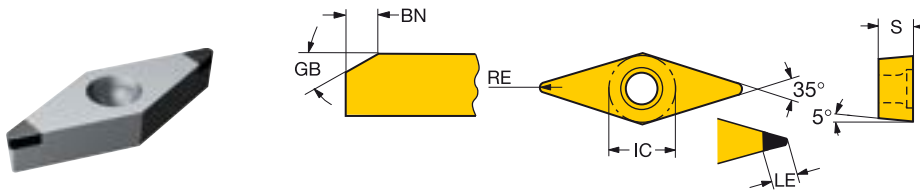


				LE	S	RE	ISO CODE	P					M					K				N			S					ANSI CODE			
								1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4306	4325	H13A	1125	H10	H13A	1105	1115		1125	H13A	S05F
Medium	AL	11	1/4	10.9	2.38	0.20	VCGX 11 02 02-AL																		★						VCGX 2(1.5)0-AL		
				.428	.094	.008	VCGX 11 02 04-AL																		★						VCGX 2(1.5)1-AL		
				.420	.094	.016	VCGX 11 03 02-AL																		★						VCGX 220-AL		
				10.9	3.18	0.20	VCGX 11 03 04-AL																			★		★				VCGX 221-AL	
				.428	.125	.008	VCGX 16 04 04-AL																			★		★				VCGX 331-AL	
				.638	.188	.016	VCGX 16 04 08-AL																			★		★				VCGX 332-AL	
				.622	.188	.031	VCGX 16 04 12-AL																			★						VCGX 333-AL	
				15.4	4.76	1.19	VCGX 22 05 20-AL																			★							
				.607	.188	.047	VCGX 22 05 30-AL																			★							
				19.1	5.56	3.00																											
				.754	.219	.118																											
		UM	16	3/8	16.2	4.76	0.40	VBMT 16 04 04-UM	☆		☆	★	☆	☆	☆	☆		★	☆			☆	★	☆	★		☆	★	☆				VBMT 331-UM
				.638	.188	.016	VBMT 16 04 08-UM	☆		☆	★	☆	☆	☆	☆		★	☆			☆	★	☆	★		☆	★	☆				VBMT 332-UM	
				.622	.188	.031	VBMT 16 04 12-UM			★			★	☆					★	☆				☆	★			☆	★				VBMT 333-UM
				.607	.188	.047																											
	Roughing	PR	16	3/8	15.8	4.76	0.79	VBMT 16 04 08-PR		☆	☆	☆	★								☆	★											VBMT 332-PR
					.622	.188	.031	VBMT 16 04 12-PR		☆	☆	☆	★								☆	★											VBMT 333-PR
				.607	.188	.047																											
KR		16	3/8	15.8	4.76	0.79	VBMT 16 04 08-KR												☆	★		☆		★					★			VBMT 332-KR	
				.622	.188	.031	VBMT 16 04 12-KR													☆	★		☆		★				★			VBMT 333-KR	
				.607	.188	.047																											
MR		16	3/8	15.8	4.76	0.79	VBMT 16 04 08-MR							☆	☆	★	☆							★								VBMT 332-MR	
				.622	.188	.031	VBMT 16 04 12-MR									☆	★	☆						★								VBMT 333-MR	
				.607	.188	.047																											
UR		16	3/8	16.2	4.76	0.40	VBMT 16 04 04-UR			☆	☆	★									☆	★		★					★				VBMT 331-UR
				.638	.188	.016	VBMT 16 04 08-UR			☆	☆	★									☆	★		★					★				VBMT 332-UR
				.622	.188	.031	VBMT 16 04 12-UR			☆	★										☆	★		★					★				VBMT 333-UR
			.607	.188	.047																												

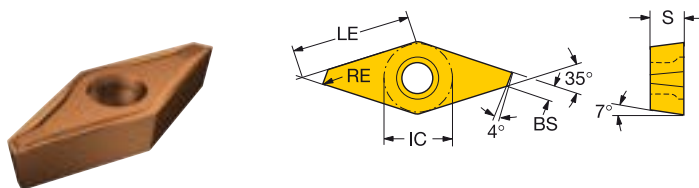
CoroTurn® 107 insert for turning

V-style insert (Rhombic 35°)

Advanced cutting materials



							ISO CODE	7525	CD05	CD10	7015	7025	7105	7115	7125	7135	7525	ANSI CODE
Finishing	11	1/4	LE	S	RE	GB	BN	VBGW110302S01020F										VBGW220T0320F
			2.5	3.18	0.2	20°	0.10											
			.098	.125	.008	20°	.004											
			2.3	3.18	0.2	20°	0.10											
			.091	.125	.008	20°	.004											
			2.5	3.18	0.4	20°	0.10											
			.098	.125	.016	20°	.004											
			2.5	3.18	0.4	30°	0.15											
			.098	.125	.016	30°	.006											
			4.4	2.38	0.4													
			.173	.094	.016													
			4.4	3.18	0.4													
			.173	.125	.016													
	16	3/8	2.5	4.76	0.4	20°	0.10	VBGW160404S01020F										VBGW331S0320F
			.098	.188	.016	20°	.004											
			3.0	4.76	0.4	30°	0.10											
			.118	.188	.016	30°	.004											
			2.5	4.76	0.4	30°	0.15											
			.098	.188	.016	30°	.006											
			4.0	4.76	0.4	20°	0.10											
			.157	.188	.016	20°	.004											
			2.5	4.76	0.8	20°	0.10											
			.098	.188	.031	20°	.004											
			2.5	4.76	0.8	30°	0.15											
			.098	.188	.031	30°	.006											
			4.0	4.76	0.8	20°	0.10											
			.157	.188	.031	20°	.004											
			4.4	4.76	0.4													
			.173	.188	.016													
			3.5	4.76	0.8													
			.138	.188	.031													
			2.7	4.76	1.2													
			.106	.188	.047													



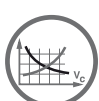
							ISO CODE	1125	5015	1105	1115	1125	5015	1125	1105	1115	1125	ANSI CODE
Finishing	11	1/4	LE	S	RE	BS	VCEX 11 03 00L-F											VCEX 22(00)L-F
			11.1	3.18	0.0	1.4												
			.436	.125	.001	.054												
			11.1	3.18	0.0	1.4												
			.436	.125	.001	.054												
			11.0	3.18	0.1	1.2												
			.432	.125	.004	.048	VCEX 11 03 01L-F											VCEX 22(03)L-F
			11.0	3.18	0.1	1.2												
			.432	.125	.004	.048												
			11.0	3.18	0.1	1.2	VCEX 11 03 01R-F											
			.432	.125	.004	.048												



A68



A107



A348



A379



H37



H28

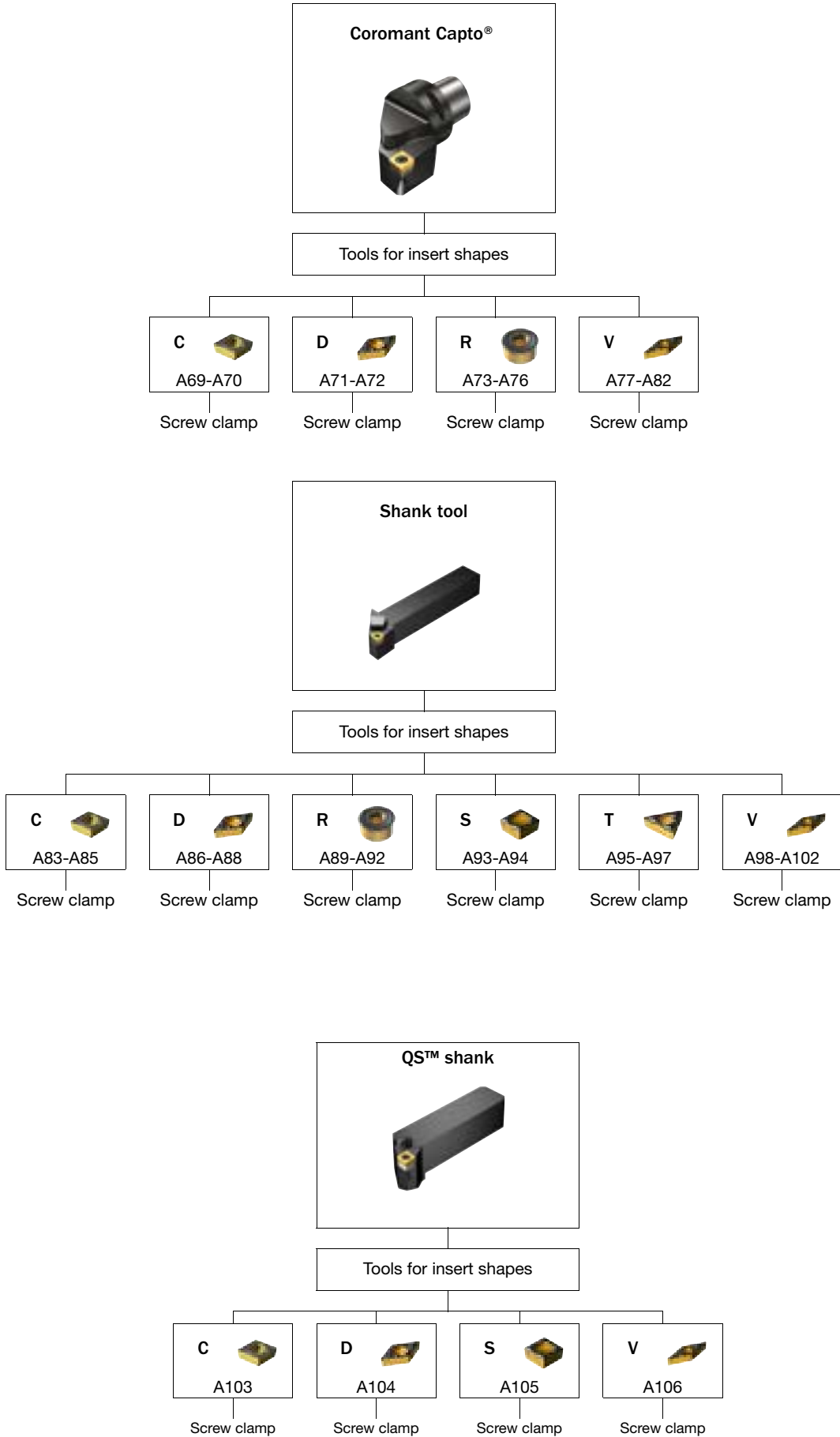


H6



H3

CoroTurn® 107 tools for external machining



Shank tool



Tools for insert shapes

C



A83-A85

Screw clamp

D



A86-A88

Screw clamp

R



A89-A92

Screw clamp

S



A93-A94

Screw clamp

T



A95-A97

Screw clamp

V



A98-A102

Screw clamp

QSTM shank



Tools for insert shapes

C



A103

Screw clamp

D



A104

Screw clamp

S



A105

Screw clamp

V



A106

Screw clamp

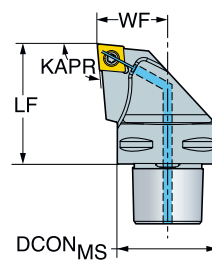
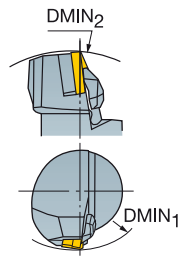
CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Precision coolant supply

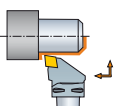


CCMT, CCGT
 CCGX, CCET
 CCMW

KAPR
PSIR95.0°
-5.0°

B

C

						Ordering code	Dimensions, mm, inch						MIID	
		CZC _{MS}	DMIN ₁	DMIN ₂	CNSC		DCON _{MS}	LF	WF					
	09	3/8	C3	265.0	700.0	3	C3-SCLCR/L-22040-09C	32	40.0	22.0	150	3.0	0.20	CCMT 09 T3 08
				10.433	27.559			1.260	1.575	.866	2175			
			C4	272.0	600.0	3	C4-SCLCR/L-27050-09C	40	50.0	27.0	150	3.0	0.43	CCMT 09 T3 08
				10.709	23.622			1.575	1.969	1.063	2175			
	12	1/2	C4	210.0	600.0	3	C4-SCLCR/L-27050-12C	40	50.0	27.0	150	3.0	0.44	CCMT 12 04 08
				8.268	23.622			1.575	1.969	1.063	2175			
			C5	204.0	550.0	3	C5-SCLCR/L-35060-12C	50	60.0	35.0	150	3.0	0.77	CCMT 12 04 08
				8.032	21.654			1.969	2.362	1.378	2175			
		C6	208.0	800.0	3	C6-SCLCR/L-45065-12C	63	65.0	45.0	150	3.0	1.34	CCMT 12 04 08	
			8.189	31.496			2.480	2.559	1.772	2175				

R = Right hand, L = Left hand

D

E

Spare parts				
		CZC _{MS}	Insert screw	Nozzle
09	3/8	C3-C5	5513 020-09	5691 026-13
12	1/2	C4-C5	5513 020-17	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H



A41



F2



E1



G1



H37

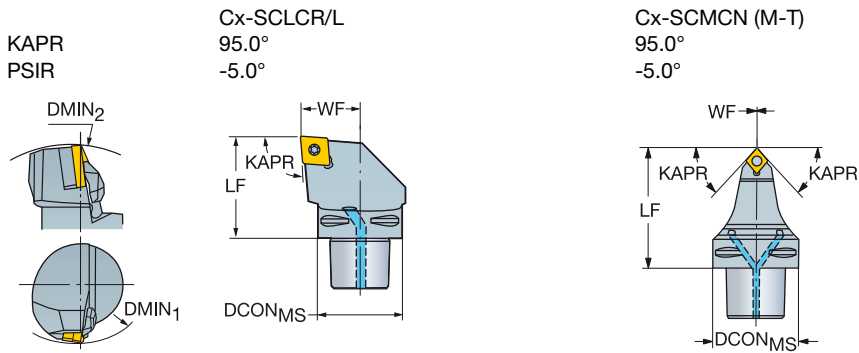


H10



H5

Coromant Capto® - Internal coolant supply



					Dimensions, mm, inch	
		CZC _{MS}	CNSC	Ordering code	DCON _{MS} LF WF BAR PSI NM KG	MID
	12 1/2 C6 3 C6-SCMCN-00090-12	63 90.0 0.0 10 3.0 1.35				CCMT 12 04 08
		2.480 3.543 .000 145				

N = Neutral, R = Right hand, L = Left hand

	Spare parts			
Ordering code	Screw	Shim	Shim screw	Nozzle
C3-SCLCR/L-22040-09	5513 020-01	5322 232-01	5512 090-01	5691 034-01
C4-SCLCR/L-27050-09	5513 020-01	5322 232-01	5512 090-01	5691 034-01
C5-SCLCR/L-35060-09	5513 020-01	5322 232-01	5512 090-01	5691 034-02
C6-SCLCR/L-45065-09	5513 020-01	5322 232-01	5512 090-01	5691 034-02
C3-SCLCR/L-22040-12	5513 020-18	5322 232-02	5512 090-03	5691 034-01
C4-SCLCR/L-27050-12	5513 020-18	5322 232-02	5512 090-03	5691 034-01
C5-SCLCR/L-35060-12	5513 020-18	5322 232-02	5512 090-03	5691 034-02
C6-SCLCR/L-45065-12	5513 020-18	5322 232-02	5512 090-03	5691 034-02
C6-SCMCN-00090-12	5513 020-18	5322 232-02	5512 090-03	5691 045-01

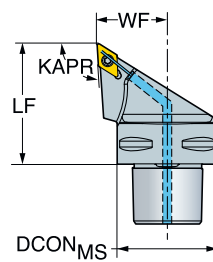
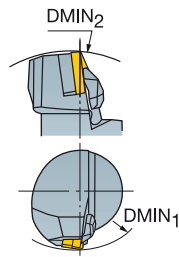
For the complete list of spare parts, visit www.sandvik.coromant.com



CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Precision coolant supply

KAPR
PSIR93.0°
-3.0°

DCMT, DCMX
 DCGT, DCGX, DCET
 DCMW

								Dimensions, mm, inch							MIID
			CZC _{MS}	DMIN ₁	DMIN ₂	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				
	11	3/8	C3	244.0 9.606	135.0 5.315	27°	3	C3-SDJCR/L-22040-11C	32	40.0 1.260	22.0 .866	150 2175	3.0	0.19	
			C4	246.0 9.685	140.0 5.512	27°	3	C4-SDJCR/L-27050-11C	40	50.0 1.575	27.0 1.063	150 2175	3.0	0.38	
			C5	250.0 9.843	165.0 6.496	27°	3	C5-SDJCR/L-35060-11C	50	60.0 1.969	35.0 1.378	150 2175	3.0	0.70	
			C6	250.0 9.843	190.0 7.480	27°	3	C6-SDJCR/L-45065-11C	63	65.0 2.480	45.0 1.772	150 2175	3.0	1.19	

R = Right hand, L = Left hand

Spare parts

Insert screw	Shim screw	Shim	Bottom plug M4	Coolant nozzle	Bits insert screw
5513 020-01	5512 090-01	5322 263-01	3213 010-256	5691 026-03	5680 084-15

For the complete list of spare parts, visit www.sandvik.coromant.com

A41



F2



E1



G1



H37



H10



H5

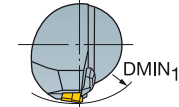
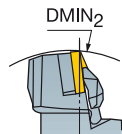
CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Internal coolant supply



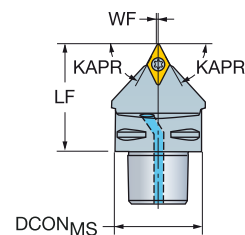
DCMT, DCMX
 DCGT, DCGX, DCET
 DCMW

KAPR
PSIR

Cx-SDN CN

62.5°

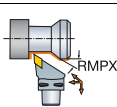
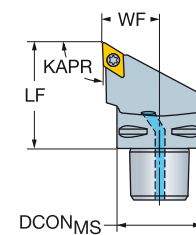
27.5°



Cx-SDJCR/L

93.0°

-3.0°



								Dimensions, mm, inch							
			CZC _{MS}	DMIN ₁	DMIN ₂	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID
	07	1/4	C3	70.0	116.0	27°	3	C3-SDJCR-22040-07	32	40.0	22.0	10	0.9	0.21	DCMT 07 02 04
				2.756	4.567				1.260	1.575	.866	145			
			C4	70.0	140.0	27°	3	C4-SDJCR-27050-07	40	50.0	27.0	10	0.9	0.26	DCMT 07 02 04
				2.756	5.512				1.575	1.969	1.063	145			
	11	3/8	C3	140.0	116.0	27°	3	C3-SDJCR/L-22040-11	32	40.0	22.0	10	3.0	0.21	DCMT 11 T3 08
				5.512	4.567				1.260	1.575	.866	145			
			C4	140.0	140.0	27°	3	C4-SDJCR/L-27050-11	40	50.0	27.0	10	3.0	0.41	DCMT 11 T3 08
				5.512	5.512				1.575	1.969	1.063	145			
			C5	140.0	165.0	27°	3	C5-SDJCR/L-35060-11	50	60.0	35.0	10	3.0	0.69	DCMT 11 T3 08
				5.512	6.496				1.969	2.362	1.378	145			
			C6	140.0	190.0	27°	3	C6-SDJCR/L-45065-11	63	65.0	45.0	10	3.0	1.16	DCMT 11 T3 08
				5.512	7.480				2.480	2.559	1.772	145			
	11	3/8	C3	116.0	57°	3	C3-SDN CN-00040-11		32	40.0	0.5	10	3.0	0.20	DCMT 11 T3 08
				4.567					1.260	1.575	.020	145			
			C4	140.0	57°	3	C4-SDN CN-00050-11		40	50.0	0.5	10	3.0	0.38	DCMT 11 T3 08
				5.512					1.575	1.969	.020	145			
			C5	165.0	57°	3	C5-SDN CN-00060-11		50	60.0	0.5	10	3.0	0.66	DCMT 11 T3 08
				6.496					1.969	2.362	.020	145			

N = Neutral, R = Right hand, L = Left hand

			Spare parts			
		CZC _{MS}	Screw	Shim	Shim screw	Nozzle
07	1/4	C3-C4	5513 020-03			5691 034-01
11	3/8	C3-C4	5513 020-01	5322 263-01	5512 090-01	5691 034-01
11	3/8	C5-C6	5513 020-01	5322 263-01	5512 090-01	5691 034-02

For the complete list of spare parts, visit www.sandvik.coromant.com

A41



F2



E1



G1



H37



H10



H5

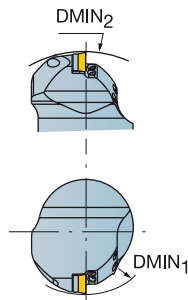
CoroTurn® 107 cutting unit for turning

Screw clamp design

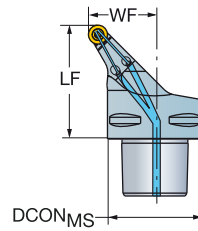
Coromant Capto® - Precision coolant supply



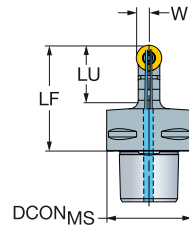
RCMT
RCGX-AL



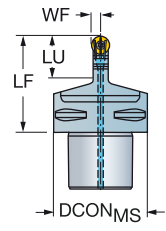
Cx-SRSCR/L..HP



Cx-SRDCN..HPA



Cx-SRDCN..HP



B

C

									Ordering code	Dimensions, mm, inch						MIID
		CZC _{MS}	DMIN ₁	DMIN ₂	LU	RMPX	CNSC	DCON _{MS}		LF	WF					
	10	.394	C5	130.0	270.0	45°	3	C5-SRSCR/L-35060-10HP	50.0	60.0	35.0	150	3.0	0.70	RCMT 10 T3 M0	
				5.118	10.630				1.969	2.362	1.378	2175				
			C6	140.0	300.0	45°	3	C6-SRSCR/L-45065-10HP	63.0	65.0	45.0	150	3.0	1.22	RCMT 10 T3 M0	
				5.512	11.811				2.480	2.559	1.772	2175				
	12	.472	C5	130.0	270.0	45°	3	C5-SRSCR/L-35060-12HP	50.0	60.0	35.0	150	3.0	0.70	RCMT 12 04 M0	
				5.118	10.630				1.969	2.362	1.378	2175				
			C5	150.0	165.0	45°	3	C5-SRSCR/L-35060-12HPA	50.0	60.0	35.0	150	3.0	0.70	RCMT 12 04 M0	
				5.906	6.496				1.969	2.362	1.378	2175				
			C6	120.0	195.0	27°	3	C6-SRSCR/L-45065-12HP	63.0	65.0	45.0	150	3.0	1.37	RCMT 12 04 M0	
				4.724	7.677				2.480	2.559	1.772	2175				
			C6	150.0	190.0	27°	3	C6-SRSCR/L-45065-12HPA	63.0	65.0	45.0	150	3.0	1.25	RCMT 12 04 M0	
				5.906	7.480				2.480	2.559	1.772	2175				
	16	.630	C5	175.0	165.0	45°	3	C5-SRSCR/L-35060-16HPA	50.0	60.0	35.0	150	6.4	0.70	RCMT 16 06 M0	
				6.890	6.496				1.969	2.362	1.378	2175				
			C6	175.0	190.0	27°	3	C6-SRSCR/L-45065-16HPA	63.0	65.0	45.0	150	6.4	1.25	RCMT 16 06 M0	
				6.890	7.480				2.480	2.559	1.772	2175				
	10	.394	C5	165.0	25.0	90°	3	C5-SRDCN00060-10AHPA	50.0	60.0	5.0	150	3.0	0.70	RCMT 10 T3 M0	
				6.496	.984				1.969	2.362	.197	2175				
	12	.472	C4	140.0	28.0	90°	3	C4-SRDCN00050-12AHPA	40.0	50.0	6.0	150	3.0	0.34	RCMT 12 04 M0	
				5.512	1.102				1.575	1.969	.236	2175				
			C5	165.0	28.0	90°	3	C5-SRDCN00060-12AHPA	50.0	60.0	6.0	150	3.0	0.63	RCMT 12 04 M0	
				6.496	1.102				1.969	2.362	.236	2175				
			C6	190.0	28.0	90°	3	C6-SRDCN00065-12AHPA	63.0	65.0	6.0	150	3.0	1.05	RCMT 12 04 M0	
				7.480	1.102				2.480	2.559	.236	2175				
			C6	190.0	28.0	90°	3	C6-SRDCN-00065-12HP	63.0	65.0	6.0	150	3.0	1.13	RCMT 12 04 M0	
				7.480	1.102				2.480	2.559	.236	2175				
	16	.630	C6	190.0	35.0	90°	3	C6-SRDCN00065-16AHPA	63.0	65.0	8.0	150	6.4	1.04	RCMT 16 06 M0	
			7.480	1.378				2.480	2.559	.315	2175					

N = Neutral, R = Right hand, L = Left hand

Spare parts				
Ordering code	Insert screw	Shim	Shim screw	Nozzle
C5-SRDCN00060-10AHPA	5513 020-10	5322 110-01	5512 090-01	5691 026-13
C5-SRSCR/L-35060-10HP	5513 020-10	5322 110-01	5512 090-01	5691 026-03
C6-SRSCR/L-45065-10HP	5513 020-10	5322 110-01	5512 090-01	5691 026-03
C4-SRDCN00050-12AHPA	5513 020-01	5322 110-02	5512 090-01	5691 026-13
C5-SRDCN00060-12AHPA	5513 020-01	5322 110-02	5512 090-01	5691 026-13
C5-SRSCR/L-35060-12HP	5513 020-01	5322 110-02	5512 090-01	5691 026-03
C5-SRSCR/L-35060-12HPA	5513 020-01	5322 110-02	5512 090-01	5691 026-03
C6-SRDCN00065-12AHPA	5513 020-01	5322 110-02	5512 090-01	5691 026-13
C6-SRDCN-00065-12HP	5513 020-01	5322 110-02	5512 090-01	5691 026-03
C6-SRSCR/L-45065-12HP	5513 020-01	5322 110-02	5512 090-01	5691 026-03
C6-SRSCR/L-45065-12HPA	5513 020-01	5322 110-02	5512 090-01	5691 026-03
C5-SRSCR/L-35060-16HPA	5513 020-26	5322 110-03	5512 090-06	5691 026-03
C6-SRDCN00065-16AHPA	5513 020-26	5322 110-03	5512 090-06	5691 026-03
C6-SRSCR/L-45065-16HPA	5513 020-26	5322 110-03	5512 090-06	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A41



F2



E1



G1



H37



H10



H5

H

CoroTurn® 107 cutting unit for turning

Screw clamp design
Coromant Capto® - Internal coolant supply

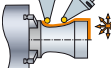
B



C

RCMT
RCGX-AL

D

							Dimensions, mm, inch						
		CZC _{MS}	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID	
	10	.394	C6	90°	3	C6-SRDCN-00100-10	63	100.0	5.0	10	3.0	1.40	RCMT 10 T3 M0
							2.480	3.937	.197	145			
	16	.630	C6	90°	3	C6-SRDCN-00100-16	63	100.0	8.0	10	6.4	1.44	RCMT 16 06 M0
							2.480	3.937	.315	145			

N = Neutral

E

			Spare parts			
		CZC _{MS}	Screw	Shim	Shim screw	Nozzle
10	.394	C6	5513 020-10	5322 110-01	5512 090-01	5691 045-01
16	.630	C6	5513 020-26	5322 110-03	5512 090-06	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H



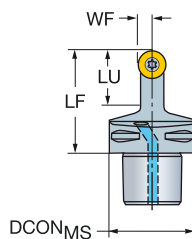
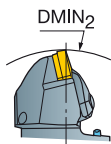
CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Internal coolant supply



RCMT
RCGX-AL



B

C

							CZC _{MS}	DMIN ₂	LU	RMPX	CNSC	Ordering code	Dimensions, mm, inch						MIID
	DCON _{MS}	LF	WF																
	06	.236	C4	140.0	12.0	90°	3	C4-SRDCN-00050-06A	40	50.0	3.0	10	0.9	0.40	RCMT 06 02 M0				
				5.512	.472				1.575	1.969	.118	145							
			C5	165.0	12.0	90°	3	C5-SRDCN-00060-06A	50	60.0	3.0	10	0.9	0.71	RCMT 06 02 M0				
				6.496	.472				1.969	2.362	.118	145							
	08	.315	C4	140.0	16.0	90°	3	C4-SRDCN-00050-08A	40	50.0	4.0	10	1.4	0.36	RCMT 08 03 M0				
				5.512	.630				1.575	1.969	.157	145							
			C5	165.0	16.0	90°	3	C5-SRDCN-00060-08A	50	60.0	4.0	10	1.4	0.59	RCMT 08 03 M0				
				6.496	.630				1.969	2.362	.157	145							
	10	.394	C4	140.0	25.0	90°	3	C4-SRDCN-00050-10A	40	50.0	5.0	10	3.0	0.33	RCMT 10 T3 M0				
				5.512	.984				1.575	1.969	.197	145							
			C5	165.0	25.0	90°	3	C5-SRDCN-00060-10A	50	60.0	5.0	10	3.0	0.62	RCMT 10 T3 M0				
				6.496	.984				1.969	2.362	.197	145							
			C6	190.0	25.0	90°	3	C6-SRDCN-00065-10A	63	65.0	5.0	10	3.0	1.00	RCMT 10 T3 M0				
				7.480	.984				2.480	2.559	.197	145							
	12	.472	C4	140.0	28.0	90°	3	C4-SRDCN-00050-12A	40	50.0	6.0	10	3.0	0.33	RCMT 12 04 M0				
			5.512	1.102				1.575	1.969	.236	145								
		C5	165.0	28.0	90°	3	C5-SRDCN-00060-12A	50	60.0	6.0	10	3.0	0.62	RCMT 12 04 M0					
			6.496	1.102				1.969	2.362	.236	145								
		C6	190.0	28.0	90°	3	C6-SRDCN-00065-12A	63	65.0	6.0	10	3.0	1.07	RCMT 12 04 M0					
			7.480	1.102				2.480	2.559	.236	145								
16	.630	C5	165.0	35.0	90°	3	C5-SRDCN-00060-16A	50	60.0	8.0	10	6.4	0.59	RCMT 16 06 M0					
			6.496	1.378				1.969	2.362	.315	145								
		C6	190.0	35.0	90°	3	C6-SRDCN-00065-16A	63	65.0	8.0	10	6.4	1.03	RCMT 16 06 M0					
			7.480	1.378				2.480	2.559	.315	145								
20	.787	C5	165.0	40.0	90°	3	C5-SRDCN-00060-20A	50	60.0	10.0	10	9.5	0.60	RCMT 20 06 M0					
			6.496	1.575				1.969	2.362	.394	145								
		C6	190.0	40.0	90°	3	C6-SRDCN-00065-20A	63	65.0	10.0	10	9.5	1.03	RCMT 20 06 M0					
			7.480	1.575				2.480	2.559	.394	145								

N - Neutral

Spare parts					
		CZC _{MS}	Screw	Shim	Nozzle
06	.236	C4	5513 020-03		5691 034-01
06	.236	C5	5513 020-03		5691 034-02
08	.315	C4	5513 020-04		5691 034-01
08	.315	C5	5513 020-04		5691 034-02
10	.394	C4	5513 020-10	5322 110-01	5691 034-01
10	.394	C5-C6	5513 020-10	5322 110-01	5691 034-02
12	.472	C4	5513 020-01	5322 110-02	5691 034-01
12	.472	C5-C6	5513 020-01	5322 110-02	5691 034-02
16	.630	C5-C6	5513 020-26	5322 110-03	5691 034-02
20	.787	C5-C6	5513 020-14	5322 110-04	5691 034-02

For the complete list of spare parts, visit www.sandvik.coromant.com

D

E

F

G

H



A41



F2



E1



G1



H37



H10

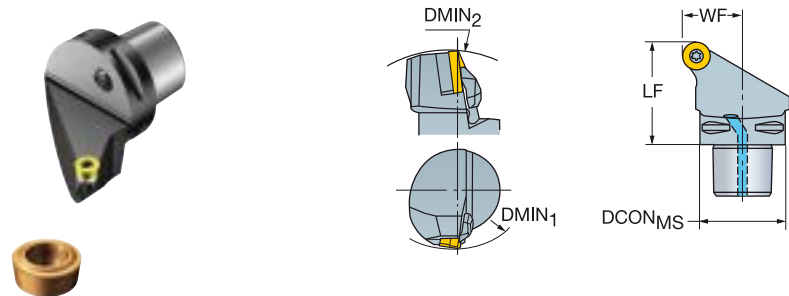


H5

CoroTurn® 107 cutting unit for turning

Screw clamp design
Coromant Capto® - Internal coolant supply

B



C

 RCMT
RCGX-AL

D

								Dimensions, mm, inch							
			CZC _{MS}	DMIN ₁	DMIN ₂	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID
	06	.236	C4	160.0	140.0	27°	3	C4-SRSCR-27050-06	40	50.0	27.0	10	0.9	0.40	RCMT 06 02 M0
				6.299	5.512				1.575	1.969	1.063	145			
			C5	160.0	165.0	27°	3	C5-SRSCR/L-35060-06	50	60.0	35.0	10	0.9	0.72	RCMT 06 02 M0
				6.299	6.496				1.969	2.362	1.378	145			
	08	.315	C4	110.0	140.0	27°	3	C4-SRSCR/L-27050-08	40	50.0	27.0	10	1.4	0.36	RCMT 08 03 M0
				4.331	5.512				1.575	1.969	1.063	145			
			C5	110.0	165.0	27°	3	C5-SRSCR/L-35060-08	50	60.0	35.0	10	1.4	0.70	RCMT 08 03 M0
				4.331	6.496				1.969	2.362	1.378	145			
	10	.394	C3	150.0	116.0	27°	3	C3-SRSCR-22040-10	32	40.0	22.0	10	3.0	0.22	RCMT 10 T3 M0
				5.906	4.567				1.260	1.575	.866	145			
			C4	150.0	140.0	27°	3	C4-SRSCR/L-27050-10	40	50.0	27.0	10	3.0	0.41	RCMT 10 T3 M0
				5.906	5.512				1.575	1.969	1.063	145			
			C5	150.0	165.0	27°	3	C5-SRSCR/L-35060-10	50	60.0	35.0	10	3.0	0.75	RCMT 10 T3 M0
				5.906	6.496				1.969	2.362	1.378	145			
			C6	150.0	190.0	27°	3	C6-SRSCR/L-45065-10	63	65.0	45.0	10	3.0	1.20	RCMT 10 T3 M0
				5.906	7.480				2.480	2.559	1.772	145			
	12	.472	C4	150.0	140.0	27°	3	C4-SRSCR/L-27050-12	40	50.0	27.0	10	3.0	0.40	RCMT 12 04 M0
				5.906	5.512				1.575	1.969	1.063	145			
			C5	150.0	165.0	27°	3	C5-SRSCR/L-35060-12	50	60.0	35.0	10	3.0	0.75	RCMT 12 04 M0
				5.906	6.496				1.969	2.362	1.378	145			
			C6	150.0	190.0	27°	3	C6-SRSCR/L-45065-12	63	65.0	45.0	10	3.0	1.24	RCMT 12 04 M0
				5.906	7.480				2.480	2.559	1.772	145			
	16	.630	C5	175.0	165.0	27°	3	C5-SRSCR/L-35060-16	50	60.0	35.0	10	6.4	0.70	RCMT 16 06 M0
				6.890	6.496				1.969	2.362	1.378	145			
			C6	175.0	190.0	27°	3	C6-SRSCR/L-45065-16	63	65.0	45.0	10	6.4	1.27	RCMT 16 06 M0
				6.890	7.480				2.480	2.559	1.772	145			
	20	.787	C5	175.0	165.0	27°	3	C5-SRSCR/L-35060-20	50	60.0	35.0	10	9.5	0.86	RCMT 20 06 M0
				6.890	6.496				1.969	2.362	1.378	145			
			C6	175.0	190.0	27°	3	C6-SRSCR/L-45065-20	63	65.0	45.0	10	9.5	1.31	RCMT 20 06 M0
				6.890	7.480				2.480	2.559	1.772	145			

R = Right hand, L = Left hand

G

			Spare parts			
	CZC _{MS}		Screw	Shim	Shim screw	Nozzle
06	.236	C4	5513 020-03			5691 034-01
06	.236	C5	5513 020-03			5691 034-02
08	.315	C4	5513 020-04			5691 034-01
08	.315	C5	5513 020-04			5691 034-02
10	.394	C3-C4	5513 020-10	5322 110-01	5512 090-01	5691 034-01
10	.394	C5-C6	5513 020-10	5322 110-01	5512 090-01	5691 034-02
12	.472	C4	5513 020-01	5322 110-02	5512 090-01	5691 034-01
12	.472	C5-C6	5513 020-01	5322 110-02	5512 090-01	5691 034-02
16	.630	C5-C6	5513 020-26	5322 110-03	5512 090-06	5691 034-02
20	.787	C5-C6	5513 020-14	5322 110-04	5512 090-08	5691 034-02

For the complete list of spare parts, visit www.sandvik.coromant.com

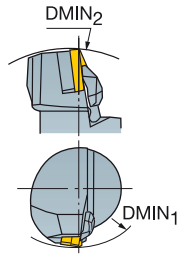
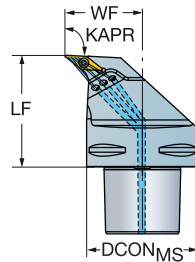
H



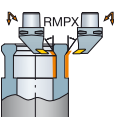
CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Precision coolant supply

KAPR
PSIRCx-SVUBR/L..HP
93.0°
-3.0°

VBMT, VBG, VCGX, VCEX, VCGT, VCET
 VBMW, VCMW

			CZC _{MS}	DMIN ₁	RMPX	CNSC	Ordering code	Dimensions, mm, inch						
								DCON _{MS}	LF	WF				MIID
	16	3/8	C6	85.0	50°	3	C6-SVUBR/L-45065-16HP	63.0	65.0	45.0	150	3.0	1.41	VBMT 16 04 08
				3.346				2.480	2.559	1.772	2175			
			C8	100.0	50°	3	C8-SVUBR/L-55080-16HP	80.0	80.0	55.0	150	3.0	2.79	VBMT 16 04 08
			3.937				3.150	3.150	2.165	2175				

R = Right hand, L = Left hand

Spare parts				
Ordering code	Insert screw	Shim	Shim screw	Nozzle
C6-SVUBR/L-45065-16HP	5513 020-01	5322 270-01	5512 090-01	5691 026-03
C8-SVUBR/L-55080-16HP	5513 020-01	5322 270-01	5512 090-01	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A41



F2



E1



G1



H37



H10



H5

Coromant Capto® - Precision coolant supply



N = Neutral, R = Right hand, L = Left hand

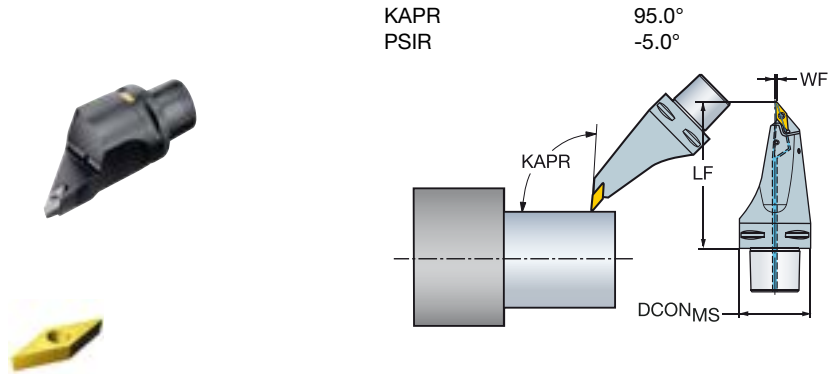
For the complete list of spare parts, visit www.sandvik.coromant.com

CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Precision coolant supply

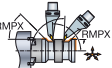
B



C

- VBMT, VCGT, VCGX, VCEX, VCGT, VCET
- VBMW, VCMW

D

						Dimensions, mm, inch							
			CZC _{MS}	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID
	16	3/8	C6	45°	3	C6-SVMBR/L-00130-16HP	63	130.0	1.2	150	3.0	1.96	VBMT 16 04 08
							2.480	5.118	.049	2175			

R = Right hand, L = Left hand

E

Spare parts			
Insert screw	Shim	Shim screw	Nozzle
5513 020-01	5322 270-01	5512 090-01	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H

A41

F2

E1

G1

H37

H10

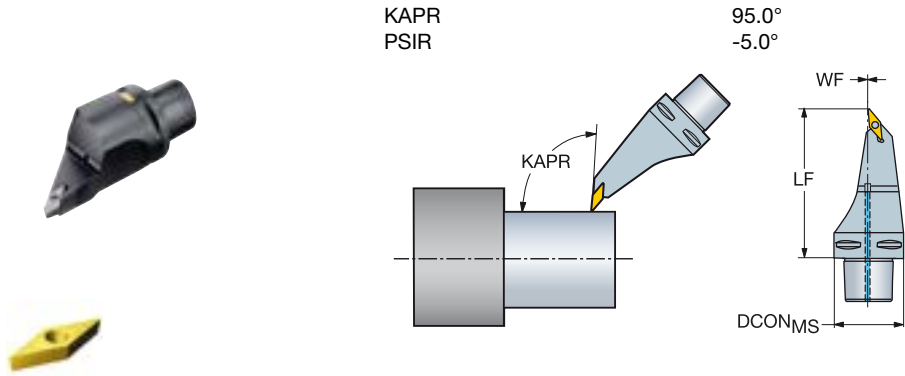
H5

A 80

CoroTurn® 107 cutting unit for turning

Screw clamp design
Coromant Capto® - Internal coolant supply

B



C

- VBMT, VBG
VCGX,
VCGT, VCET
- VBMW, VCMW

D

						Dimensions, mm, inch							
		CZC _{MS}	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID	
	16	3/8	C5	45°	3	C5-SVMBL-00115-16	50	115.0	1.2	10	3.0	1.00	VBMT 16 04 08
							1.969	4.528	.049	145			
			C6	45°	3	C6-SVMBL-00130-16	63	130.0	1.2	10	3.0	1.77	VBMT 16 04 08
							2.480	5.118	.049	145			
			C6	47°	3	C6-SVMBL-33120-16A	63	120.0	32.9	10	3.0	1.96	VBMT 16 04 08
							2.480	4.724	1.295	145			

L = Left hand

E

Spare parts			
Screw	Shim	Shim screw	Nozzle
5513 020-01	5322 270-01	5512 090-01	5691 034-03

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

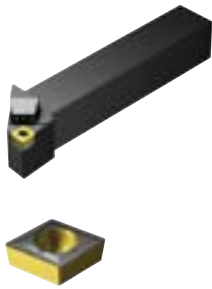
H



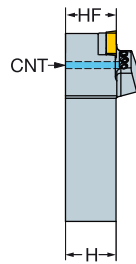
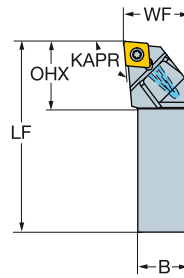
CoroTurn® 107 shank tool for turning

Screw clamp design

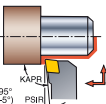
Precision coolant supply



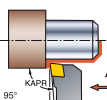
CCMT

KAPR
PSIR95.0°
-5.0°

Metric version

						Dimensions, mm										
		CZC _{MS}	OHX	CNSC	Ordering code	B	H	LF	WF	HF	CNT				MIID	
	09	16 x 16	26.5	1	SCLCR/L 1616H 09HP	16.0	16.0	100.0	20.0	16.0	G 1/8-28	275	3.0	0.24	CCMT 09 T3 08	

Inch version

					Dimensions, inch											
		CZC _{MS}	OHX	CNSC	Ordering code	B	H	LF	WF	HF	CNT				MIID	
	3/8	5/8 x 5/8	1.043	1	SCLCR 10 3HP	.625	.625	4.000	.750	.625	G 1/8-28	3988	2.2	0.518	CCMT 3(2.5)2	

R = Right hand, L = Left hand

Spare parts

Screw	Shim	Shim screw	Nozzle
5513 020-01	5322 232-01	5512 090-01	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A1



F2



E1



G1



H37



H10



H5

A

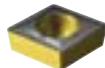
GENERAL TURNING

External tools

CoroTurn® 107 shank tool for turning

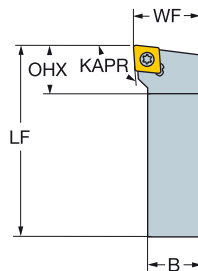
Screw clamp design

B

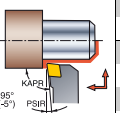
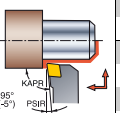
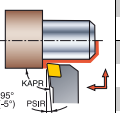
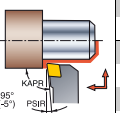
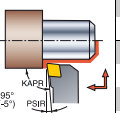
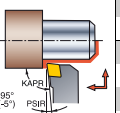
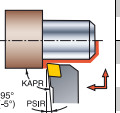
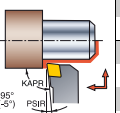
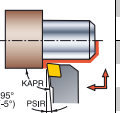
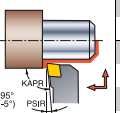
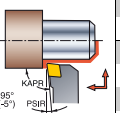
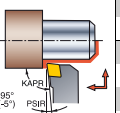
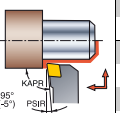
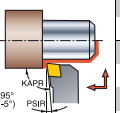
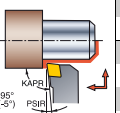
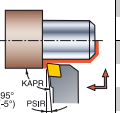
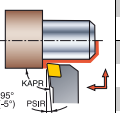
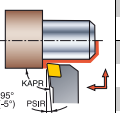
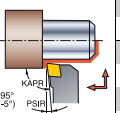
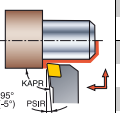
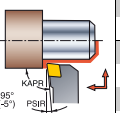
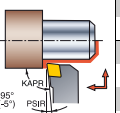
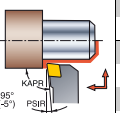
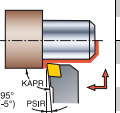
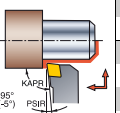
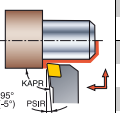
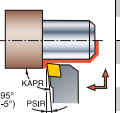
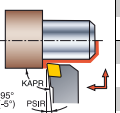
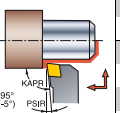
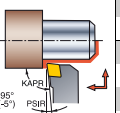
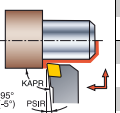
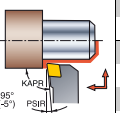
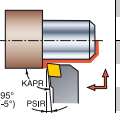
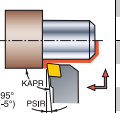
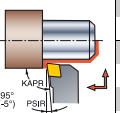
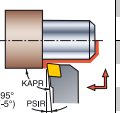
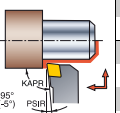
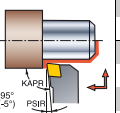
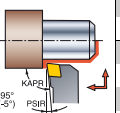
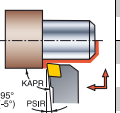
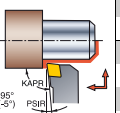
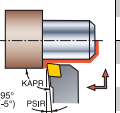
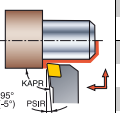
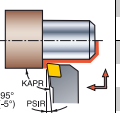
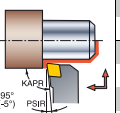
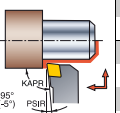
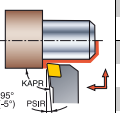
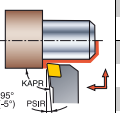
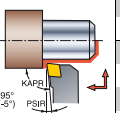
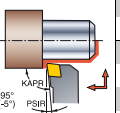
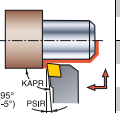
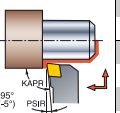
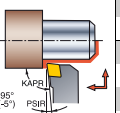
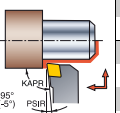


C

CCMT

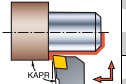
KAPR
PSIR95.0°
-5.0°

Metric version

					Dimensions, mm																																											
					B	H	LF	WF	HF			MIID																																				
																																																
																																																
																																																
																																																

D

Inch version

			CZC _{MS}	OHX	Ordering code	Dimensions, inch						MIID
						B	H	LF	WF	HF		
	3/8	5/8 x 5/8	.630	SCLCR/L 10 3	.625	.625	4.000	.750	.625	2.2	0.503	CCMT 3(2.5)2
		3/4 x 3/4	.634	SCLCR/L 12 3B	.750	.750	4.500	1.000	.750	2.2	0.776	CCMT 3(2.5)2
		1 x 1	.740	SCLCR/L 16 3D	1.000	1.000	6.000	1.250	1.000	2.2	1.764	CCMT 3(2.5)2
	1/2	1 x 1	.894	SCLCR/L 16 4D	1.000	1.000	6.000	1.250	1.000	2.2	1.764	CCMT 432
		1 1/4 x 1 1/4	.894	SCLCR/L 20 4D	1.250	1.250	6.000	1.500	1.250	2.2	2.718	CCMT 432

F

R = Right hand, L = Left hand

Spare parts			
09	3/8	5513 020-01	5322 232-01
12	1/2	5513 020-18	5322 232-02
			5512 090-01
			5512 090-03

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



A41



F2



E1



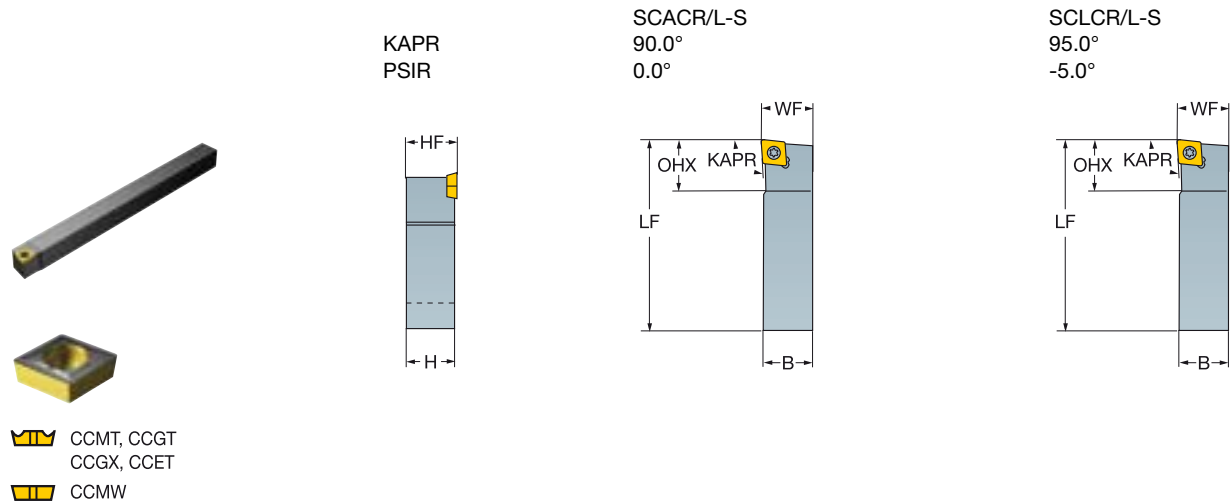
H37



H10

CoroTurn® 107 shank tool for turning

Screw clamp design



B

C

Metric version

		Dimensions, mm											
		CZC _{MS}	OHX	Ordering code	B	H	LF	WF	HF			MIID	
	09	16 x 16	16.0	SCACR/L 1616K 09-S	16.0	16.0	125.0	16.0	16.0	3.0	0.28	CCMT 09 T3 08	
	06	16 x 16	16.0	SCLCR/L 1616K 06-S	16.0	16.0	125.0	16.0	16.0	0.9	0.27	CCMT 06 02 04	
	09	16 x 16	16.0	SCLCR/L 1616K 09-S	16.0	16.0	125.0	16.0	16.0	3.0	0.27	CCMT 09 T3 08	

R = Right hand, L = Left hand

D

E

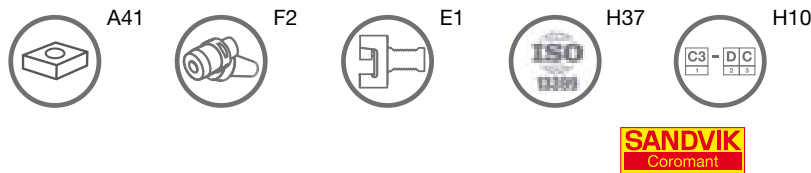
Spare parts		
	CZC _{MS}	Screw
06	16 x 16	5513 020-03
09	16 x 16	5513 020-09

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H

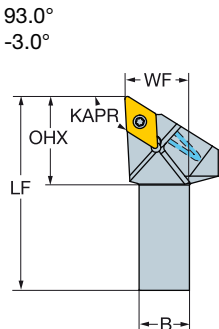
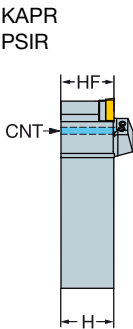


A

CoroTurn® 107 shank tool for turning

Screw clamp design
Precision coolant supply

B



C

- DCMT, DCMX
- DCGT, DCGX, DCET
- DCMW

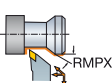
Metric version

						Ordering code	Dimensions, mm										MID
		CZC _{MS}	RMPX	OHX	CNSC		B	H	LF	WF	HF	CNT					
	11	16 x 16	27°	28.0	1		16.0	16.0	100.0	20.0	16.0	G 1/8-28	275	3.0	0.24		
		32 x 25	27°	28.0	1	SDJCR/L 3225P 11HP	25.0	32.0	170.0	32.0	32.0	G 1/8-28	275	3.0	1.06	DCMT 11 T3 08	

D

E

Inch version

						Ordering code	Dimensions, inch										MID
		CZC _{MS}	RMPX	OHX	CNSC		B	H	LF	WF	HF	CNT					
	3/8	5/8 x 5/8	27°	1.102	1	SDJCR/L 10 3HP	.625	.625	4.000	.750	.625	G 1/8-28	3988	2.2	0.536	DCMT 3(2.5)2	

F

R = Right hand, L = Left hand

Spare parts			
Screw	Shim	Shim screw	Nozzle
5513 020-01	5322 263-01	5512 090-01	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



CoroTurn® 107 shank tool for turning

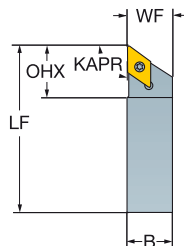
Screw clamp design



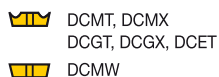
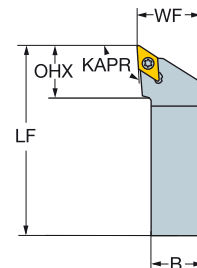
KAPR
PSIR



SDJCR/L-S
93.0°
-3.0°



SDJCR/L
93.0°
-3.0°



Metric version

					Ordering code	Dimensions, mm							MIID
						B	H	LF	WF	HF	NM	KG	
	07	CZC _{MS}	RMPX	OHX	SDJCR/L 1616H 07	16.0	16.0	100.0	20.0	16.0	0.9	0.21	DCMT 07 02 04
		20 x 20	27°	17.4	SDJCR/L 2020K 07	20.0	20.0	125.0	25.0	20.0	0.9	0.40	DCMT 07 02 04
	11	16 x 16	27°	20.3	SDJCR/L 1616H 11	16.0	16.0	100.0	20.0	16.0	3.0	0.22	DCMT 11 T3 08
		20 x 20	27°	21.9	SDJCR/L 2020K 11	20.0	20.0	125.0	25.0	20.0	3.0	0.42	DCMT 11 T3 08
		25 x 25	27°	24.4	SDJCR/L 2525M 11	25.0	25.0	150.0	32.0	25.0	3.0	0.75	DCMT 11 T3 08
		16 x 16	27°	20.0	SDJCR/L 1616K 11-S	16.0	16.0	125.0	16.0	16.0	3.0	0.27	DCMT 11 T3 08

Inch version

					Ordering code	Dimensions, inch							MIID
						B	H	LF	WF	HF	FT/LBS	LBS	
	3/8	3/4 x 3/4	27°	.878	SDJCR/L 12 3B	.750	.750	4.500	1.000	.750	2.2	0.705	DCMT 3(2.5)2
		1 x 1	27°	.949	SDJCR/L 16 3D	1.000	1.000	6.000	1.250	1.000	2.2	1.764	DCMT 3(2.5)2

R = Right hand, L = Left hand

Spare parts			
Ordering code	Screw	Shim	Shim screw
SDJCR/L 1616H 07	5513 020-03		
SDJCR/L 2020K 07	5513 020-03		
SDJCR/L 12 3B	5513 020-01	5322 263-01	5512 090-01
SDJCR/L 16 3D	5513 020-01	5322 263-01	5512 090-01
SDJCR/L 1616H 11	5513 020-01	5322 263-01	5512 090-01
SDJCR/L 1616K 11-S	5513 020-09		
SDJCR/L 2020K 11	5513 020-01	5322 263-01	5512 090-01
SDJCR/L 2525M 11	5513 020-01	5322 263-01	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com



A41



F2



E1



H37

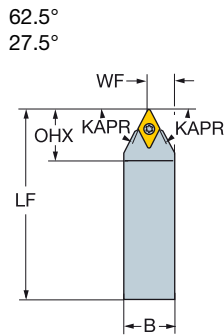
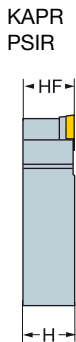


H10

CoroTurn® 107 shank tool for turning

Screw clamp design

B



C

- DCMT, DCMX
- DCGT, DCGX, DCET
- DCMW

Metric version

						Dimensions, mm							
		CZC _{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF			MIID
	11	16 x 16	57°	21.9	SDNCN 1616H 11	16.0	16.0	100.0	8.5	16.0	3.0	0.20	DCMT 11 T3 08
		20 x 20	57°	21.9	SDNCN 2020K 11	20.0	20.0	125.0	10.5	20.0	3.0	0.40	DCMT 11 T3 08
		25 x 25	57°	22.2	SDNCN 2525M 11	25.0	25.0	150.0	13.0	25.0	3.0	0.71	DCMT 11 T3 08

Inch version

					Ordering code	Dimensions, inch							 FT/ LBS	 LBS	MIID
	CZC _{MS}	RMPX	OHX	B		H	LF	WF	HF						
	3/8	3/4 x 3/4	57°	.862		.750	.750	4.500	.404	.750	2.2	0.721			
	1 x 1	57°	.890	1.000		1.000	5.000	.529	1.000	2.2	1.367				

N = Neutral

F

Spare parts		
Screw	Shim	Shim screw
5513 020-01	5322 263-01	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H

A41

F2

E1

H37

H10

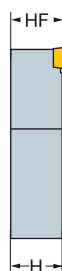
A 88

CoroTurn® 107 shank tool for turning

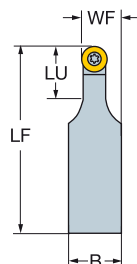
Screw clamp design



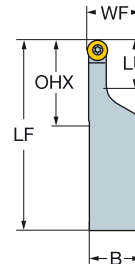
RCMT
RCGX-AL



SRDCN



SRDCR/L



Metric version

							Dimensions, mm								
		CZC _{MS}	LU	RMPX	OHX	Ordering code	B	H	LF	WF	HF			MIID	
	08	16 x 16	16.0	90°	16.0	SRDCN 1616H 08	16.0	16.0	100.0	12.0	16.0	1.4	0.17	RCMT 08 03 M0	
	10	20 x 20	25.0	90°	25.0	SRDCN 2020K 10-A	20.0	20.0	125.0	15.0	20.0	3.0	0.40	RCMT 10 T3 M0	
		25 x 25	25.0	90°	25.0	SRDCN 2525M 10-A	25.0	25.0	150.0	17.5	25.0	3.0	0.66	RCMT 10 T3 M0	
		32 x 25	28.0	90°	28.0	SRDCN 3225P 10-A	25.0	32.0	170.0	17.5	32.0	3.0	1.00	RCMT 10 T3 M0	
	12	20 x 20	25.0	90°	25.0	SRDCN 2020K 12-A	20.0	20.0	125.0	16.0	20.0	3.0	0.40	RCMT 12 04 M0	
		25 x 25	28.0	90°	28.0	SRDCN 2525M 12-A	25.0	25.0	150.0	18.5	25.0	3.0	0.67	RCMT 12 04 M0	
		32 x 25	28.0	90°	28.0	SRDCN 3225P 12-A	25.0	32.0	170.0	18.5	32.0	3.0	1.00	RCMT 12 04 M0	
	16	25 x 25	35.0	90°	35.0	SRDCN 2525M 16-A	25.0	25.0	150.0	20.5	32.0	6.4	0.64	RCMT 16 06 M0	
		32 x 25	35.0	90°	35.0	SRDCN 3225P 16-A	25.0	32.0	170.0	20.5	32.0	6.4	1.00	RCMT 16 06 M0	
	20	32 x 32	40.0	90°	40.0	SRDCN 3232P 20-A	32.0	32.0	170.0	26.0	32.0	9.5	1.24	RCMT 20 06 M0	
	05	32 x 25	20.0	90°	35.0	SRDCR/L 3225P 05-A	25.0	32.0	170.0	25.5	32.0	0.9	0.95	RCMT 05 02 M0	
	06	20 x 20	20.0	90°	32.0	SRDCR/L 2020K 06-A	20.0	20.0	125.0	20.5	20.0	0.9	0.35	RCMT 06 02 M0	
		32 x 25	20.0	90°	35.0	SRDCR/L 3225P 06-A	25.0	32.0	170.0	25.5	32.0	0.9	1.00	RCMT 06 02 M0	
	08	20 x 20	20.0	90°	32.0	SRDCR/L 2020K 08-A	20.0	20.0	125.0	20.5	20.0	1.4	0.36	RCMT 08 03 M0	
		25 x 25	20.0	90°	35.0	SRDCR/L 2525M 08-A	25.0	25.0	150.0	25.5	25.0	1.4	0.68	RCMT 08 03 M0	
		32 x 25	20.0	90°	35.0	SRDCR/L 3225P 08-A	25.0	32.0	170.0	25.5	32.0	1.4	1.00	RCMT 08 03 M0	

N = Neutral, R = Right hand, L = Left hand

		Spare parts		
	CXCMS			
		Screw	Shim	Shim screw
05	32 x 25	5513 020-05		
06	20 x 20-32 x 25	5513 020-03		
08	16 x 16-32 x 25	5513 020-04		
10	20 x 20-32 x 25	5513 020-10	5322 110-01	5512 090-01
12	20 x 20-32 x 25	5513 020-01	5322 110-02	5512 090-01
16	25 x 25-32 x 25	5513 020-26	5322 110-03	5512 090-06
20	32 x 32	5513 020-14	5322 110-04	5512 090-08

For the complete list of spare parts, visit www.sandvik.coromant.com



A41



F2



E1



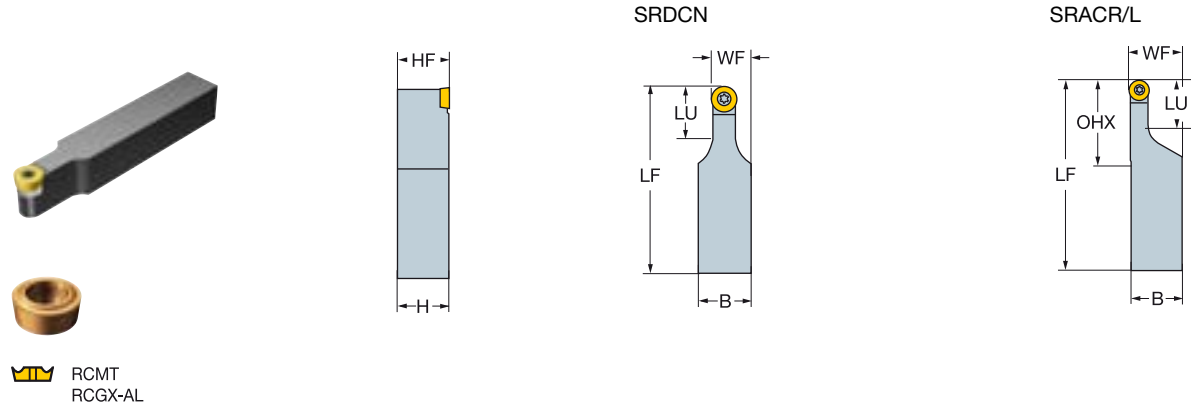
H37



H10

CoroTurn® 107 shank tool for turning

Screw clamp design



Inch version

							Dimensions, inch								
		CZC _{MS}	LU	RMPX	OHX	Ordering code	B	H	LF	WF	HF			MIID	
	1/4	1 x 1	1.000	90°	1.000	SRACR/L 16 2D	1.000	1.000	6.000	1.075	1.000	0.7	1.455	RCMT 22	
		1 1/4 x 1 1/4	1.000	90°	1.000	SRACR/L 20 2D	1.250	1.250	6.000	1.325	1.250	0.7	2.161	RCMT 22	
	3/8	1 x 1	1.000	90°	1.000	SRACR/L 16 3D	1.000	1.000	6.000	1.075	1.000	1.0	1.488	RCMT 3(2.5)	
		1 1/4 x 1 1/4	1.000	90°	1.000	SRACR/L 20 3D	1.250	1.250	6.000	1.325	1.250	1.0	2.242	RCMT 3(2.5)	
	1/2	1 x 1	1.000	90°	1.000	SRACR/L 16 4D	1.000	1.000	6.000	1.075	1.000	2.2	1.493	RCMT 43	
		1 1/4 x 1 1/4	1.000	90°	1.000	SRACR/L 20 4D	1.250	1.250	6.000	1.325	1.250	2.2	2.321	RCMT 43	
	3/8	5/8 x 5/8	.625	90°	.774	SRDCN 10 3	.625	.625	4.000	.497	.625	1.0	0.430	RCMT 3(2.5)	

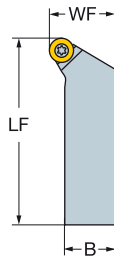
N = Neutral, R = Right hand, L = Left hand

		Spare parts	
	CZC _{MS}	Screw	Shim
1/4	1 x 1-1 1/4 x 1 1/4	5513 020-03	
3/8	5/8 x 5/8-1 1/4 x 1 1/4	5513 020-12	5322 120-01
1/2	1 x 1-1 1/4 x 1 1/4	5513 020-13	5322 120-02

For the complete list of spare parts, visit www.sandvik.coromant.com

CoroTurn® 107 shank tool for turning

Screw clamp design



RCMT
RCGX-AL

Metric version

						Dimensions, mm							
		CZC _{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF			MID
	05	32 x 25	27°	32.0	SRSCR/L 3225P 05	25.0	32.0	170.0	32.0	32.0	0.9	1.01	RCMT 05 02 M0
	06	32 x 25	27°	32.0	SRSCR/L 3225P 06	25.0	32.0	170.0	32.0	32.0	0.9	1.01	RCMT 06 02 M0
	08	32 x 25	27°	32.0	SRSCR/L 3225P 08	25.0	32.0	170.0	32.0	32.0	1.4	1.02	RCMT 08 03 M0
	10	20 x 20	27°	24.4	SRSCR/L 2020K 10	20.0	20.0	125.0	25.0	20.0	3.0	0.42	RCMT 10 T3 M0
		25 x 25	27°	28.0	SRSCR/L 2525M 10	25.0	25.0	150.0	32.0	25.0	3.0	0.80	RCMT 10 T3 M0
	12	25 x 25	27°	28.0	SRSCR/L 2525M 12	25.0	25.0	150.0	32.0	25.0	3.0	0.80	RCMT 12 04 M0
		32 x 25	27°	32.0	SRSCR/L 3225P 12	25.0	32.0	170.0	32.0	32.0	3.0	1.05	RCMT 12 04 M0
	16	32 x 25	27°	32.0	SRSCR/L 3225P 16	25.0	32.0	170.0	32.0	32.0	6.4	1.07	RCMT 16 06 M0
	20	32 x 32	27°	32.0	SRSCR/L 3232P 20	32.0	32.0	170.0	40.0	32.0	9.5	1.30	RCMT 20 06 M0

Inch version

						Dimensions, inch							
		CZC _{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF			MID
	3/8	3/4 x 3/4	27°	.984	SRGCR/L 12 3B	.750	.750	4.500	1.000	.750	1.0	0.794	RCMT 3(2.5)
		1 x 1	27°	1.332	SRGCR/L 16 3D	1.000	1.000	6.000	1.250	1.000	1.0	1.764	RCMT 3(2.5)
	1/2	1 x 1	27°	1.332	SRGCR/L 16 4C	1.000	1.000	5.000	1.250	1.000	2.2	1.455	RCMT 43
		1 x 1	27°	1.332	SRGCR/L 16 4D	1.000	1.000	6.000	1.250	1.000	2.2	1.642	RCMT 43
		1 1/4 x 1 1/4	27°	1.250	SRGCR/L 20 4D	1.250	1.250	6.000	1.500	1.250	2.2	2.478	RCMT 43
	3/4	1 1/4 x 1 1/4	27°	1.250	SRGCR/L 20 6D	1.250	1.250	6.000	1.500	1.250	5.2	2.513	RCMT 64

R = Right hand, L = Left hand

Metric version

Spare parts				
	CZC _{MS}	Screw	Shim	Shim screw
05	32 x 25	5513 020-05		
06	32 x 25	5513 020-03		
08	32 x 25	5513 020-04		
10	20 x 20-25 x 25	5513 020-10	5322 110-01	5512 090-01
12	25 x 25-32 x 25	5513 020-01	5322 110-02	5512 090-01
16	32 x 25	5513 020-26	5322 110-03	5512 090-06
20	32 x 32	5513 020-14	5322 110-04	5512 090-08

Inch version

Spare parts			
	CZC _{MS}	Screw	Shim
3/8	3/4 x 3/4-1 x 1	5513 020-12	5322 120-01
1/2	1 x 1-1 1/4 x 1 1/4	5513 020-13	5322 120-02
3/4	1 1/4 x 1 1/4	5513 020-14	5322 120-03

For the complete list of spare parts, visit www.sandvik.coromant.com



A41



F2



E1



H37



H10

A

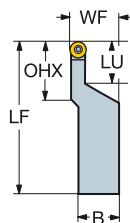
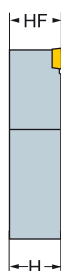
GENERAL TURNING

External tools

CoroTurn® 107 shank tool for turning

Screw clamp design

B



C

 RCMT
RCGX-AL

Inch version

							Dimensions, inch							MIID
		IC	CZC _{MS}	LU	RMPX	OHX	Ordering code	B	H	LF	WF	HF	FT/ LBS	LBS
	1/4	1 x 1	.750	90°	1.113	SRSCR/L 16 2D	1.000	1.000	6.000	1.250	1.000	0.7	1.455	RCMT 22
		1 1/4 x 1 1/4	.750	90°	1.113	SRSCR/L 20 2D	1.250	1.250	6.000	1.500	1.250	0.7	2.385	RCMT 22
	3/8	3/4 x 3/4	.750	90°	1.082	SRSCR 12 3B	.750	.750	4.500	1.000	.750	1.0	0.655	RCMT 3(2.5)
		1 x 1	1.000	90°	1.332	SRSCR/L 16 3C	1.000	1.000	5.000	1.250	1.000	1.0	1.299	RCMT 3(2.5)
		1 x 1	1.000	90°	1.332	SRSCR/L 16 3D	1.000	1.000	6.000	1.250	1.000	1.0	1.764	RCMT 3(2.5)
		1 1/4 x 1 1/4	1.000	90°	1.332	SRSCR/L 20 3D	1.250	1.250	6.000	1.500	1.250	1.0	2.249	RCMT 3(2.5)
	1/2	1 x 1	1.000	90°	1.446	SRSCR/L 16 4D	1.000	1.000	6.000	1.250	1.000	2.2	1.764	RCMT 43
		1 1/4 x 1 1/4	1.000	90°	1.446	SRSCR/L 20 4D	1.250	1.250	6.000	1.500	1.250	2.2	2.249	RCMT 43
		1 1/2 x 1 1/2	1.000	90°	1.446	SRSCR/L 24 4E	1.500	1.500	7.000	2.000	1.500	2.2	3.968	RCMT 43
	3/4	1 1/4 x 1 1/4	1.000	90°	1.663	SRSCR/L 20 6D	1.250	1.250	6.000	1.500	1.250	5.2	2.445	RCMT 64

R = Right hand, L = Left hand

E

		Spare parts	
	CZC _{MS}	Screw	Shim
1/4	1 x 1-1 1/4 x 1 1/4	5513 020-03	
3/8	3/4 x 3/4-1 1/4 x 1 1/4	5513 020-12	5322 120-01
1/2	1 x 1-1 1/2 x 1 1/2	5513 020-13	5322 120-02
3/4	1 1/4 x 1 1/4	5513 020-14	5322 120-03

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H



A41



F2



E1



H37



H10

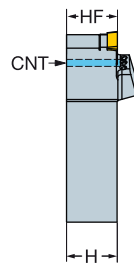
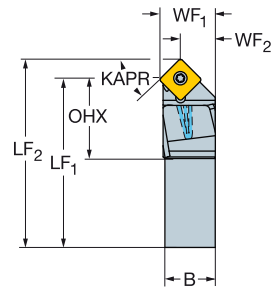
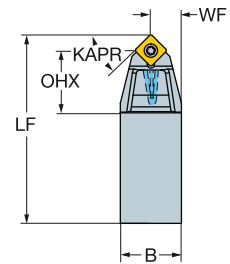
CoroTurn® 107 shank tool for turning

Screw clamp design

Precision coolant supply



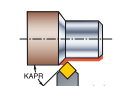
SCMT

KAPR
PSIRSSDCR/L...HP
45.0°
45.0°SSDCN...HP (INCH)
45.0°
45.0°

Metric version

					Ordering code	Dimensions, mm										MIID
						B	H	LPR	LF	WF	HF	CNT	BAR	NM	KG	
	09	CZC _{MS}	OHX	CNSC	SSDCR/L 1616H 09HP	16.0	16.0	101.4	95.3	17.0	16.0	G 1/8-28	275	3.0	0.22	SCMT 09 T3 08

Inch version

		CZC _{MS}	RMPX	OHX	CNSC	Ordering code	Dimensions, inch										MIID
							B	H	LF	WF	HF	CNT					
	3/8	5/8 x 5/8	45°	1.272	1	SSDCN 10 3HP	.625	.625	4.000	.323	.625	G 1/8-28	3988	2.2	0.472	SCMT 3(2.5)2	

N = Neutral, R = Right hand, L = Left hand

Spare parts						
CZC _{MS}	Screw	Shim	Shim screw	Nozzle		
09	5513 020-01	5322 420-01	5512 090-01	5691 026-13		
09	5513 020-01	5322 420-01	5512 090-01	5691 026-23		

For the complete list of spare parts, visit www.sandvik.coromant.com

A41



F2



E1



G1



H37



H10



H5

A

CoroTurn® 107 shank tool for turning

Screw clamp design

B

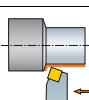


SCMT, SCGX

SCMW

Metric version

D

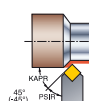


					Dimensions, mm											
	CZC _{MS}	RMPX	OHX	Ordering code	B	H	LPR	LF	WF	HF			MIID			
	09	16 x 16	10°	15.3	SSBCR/L 1616H 09	16.0	16.0		100.0	13.0	16.0	3.0	0.22	SCMT 09 T3 08		
	12	25 x 25	10°	20.1	SSBCR/L 2525M 12	25.0	25.0		150.0	22.0	25.0	3.0	0.75	SCMT 12 04 08		
09	16 x 16	45°	15.1	SSDCN 1616H 09	16.0	16.0		100.0	8.0	16.0	3.0	0.21	SCMT 09 T3 08			
09	16 x 16	0°	9.5	SSDCR/L 1616H 09	16.0	16.0	100.0	93.9	17.0	16.0	3.0	0.21	SCMT 09 T3 08			
	20 x 20	0°	12.4	SSDCR/L 2020K 09	20.0	20.0	125.0	118.9	22.0	20.0	3.0	0.40	SCMT 09 T3 08			
12	20 x 20	0°	13.9	SSDCR/L 2020K 12	20.0	20.0	125.0	116.7	22.0	20.0	3.0	0.40	SCMT 12 04 08			
	25 x 25	0°	13.9	SSDCR/L 2525M 12	25.0	25.0	150.0	141.7	27.0	25.0	3.0	0.72	SCMT 12 04 08			

E

Inch version

F



					Dimensions, inch											
	CZC _{MS}	RMPX	OHX	Ordering code	B	H	LPR	LF	WF	HF	FT/LBS	LBS	MIID			
	3/8	3/4 x 3/4	45°	.594	SSDCN 12 3B	.750	.750		4.500	.385	.750	2.2	0.705	SCMT 3(2.5)2		
		1 x 1	45°	.594	SSDCN 16 3D	1.000	1.000		6.000	.511	1.000	2.2	1.671	SCMT 3(2.5)2		
3/8	5/8 x 5/8	0°	.374	SSDCR 10 3	.625	.625	4.000	3.761	.689	.625	2.2	0.454	SCMT 3(2.5)2			

G

N = Neutral, R = Right hand, L = Left hand

H

Spare parts			
		Screw	Shim
09	3/8	5513 020-01	5322 420-01
12	1/2	5513 020-18	5322 420-02
			Shim screw
			5512 090-01
			5512 090-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A41



F2



E1



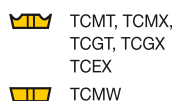
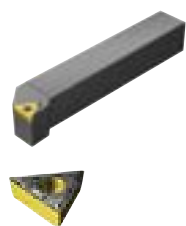
H37



H10

CoroTurn® 107 shank tool for turning

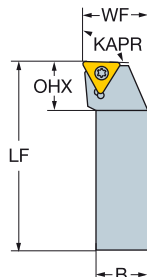
Screw clamp design



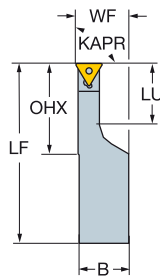
KAPR
PSIR



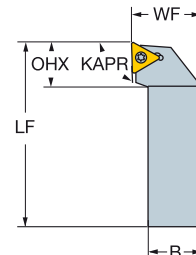
STFCR/L
91.0°
-1.0°



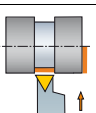
STFCR/L-A
90.0°
0.0°



STGCR/L
91.0°
-1.0°



Metric version

						Dimensions, mm							
		CZC _{MS}	LU	OHX	Ordering code	B	H	LF	WF	HF			MIID
	11	16 x 16	14.9		STFCR/L 1616H 11	16.0	16.0	100.0	20.0	16.0	0.9	0.22	TCMT 11 02 04
	16	16 x 16	19.9		STFCR/L 1616H 16	16.0	16.0	100.0	20.0	16.0	3.0	0.23	TCMT 16 T3 08
		20 x 20		21.3	STFCR/L 2020K 16	20.0	20.0	125.0	25.0	20.0	3.0	0.42	TCMT 16 T3 08
		25 x 25		22.8	STFCR/L 2525M 16	25.0	25.0	150.0	32.0	25.0	3.0	0.80	TCMT 16 T3 08
	11	20 x 20	25.0	37.0	STFCR/L 2020K 11-A	20.0	20.0	125.0	20.8	20.0	0.9	0.36	TCMT 11 02 04
		20 x 20	25.0	37.0	STFCR/L 2020K 11-AB1	20.0	20.0	125.0	20.8	20.0	0.9	0.40	TCMT 11 03 04
	16	25 x 25	35.0	47.0	STFCR/L 2525M 16-A	25.0	25.0	150.0	25.9	25.0	3.0	0.68	TCMT 16 T3 08
	11	16 x 16		14.1	STGCR/L 1616H 11	16.0	16.0	100.0	20.0	16.0	0.9	0.22	TCMT 11 02 04
		16 x 16		14.1	STGCR/L 1616H 11-B1	16.0	16.0	100.0	20.0	16.0	0.9	0.22	TCMT 11 03 04
	16	16 x 16		20.1	STGCR/L 1616H 16	16.0	16.0	100.0	20.0	16.0	3.0	0.23	TCMT 16 T3 08
		20 x 20		20.4	STGCR/L 2020K 16	20.0	20.0	125.0	25.0	20.0	3.0	0.42	TCMT 16 T3 08
		25 x 25		20.9	STGCR/L 2525M 16	25.0	25.0	150.0	32.0	25.0	3.0	0.80	TCMT 16 T3 08

Inch version

					Dimensions, inch							
		CZC _{MS}	OHX	Ordering code	B	H	LF	WF	HF			MIID
	3/8	5/8 x 5/8	.823	STFCR/L 10 3	.625	.625	4.000	.750	.625	2.2	0.441	TCMT 3(2.5)2
		1 x 1	.815	STFCR/L 16 3D	1.000	1.000	6.000	1.250	1.000	2.2	1.764	TCMT 3(2.5)2
	3/8	5/8 x 5/8	.823	STGCR/L 10 3	.625	.625	4.000	.750	.625	2.2	0.441	TCMT 3(2.5)2
		3/4 x 3/4	.815	STGCR/L 12 3B	.750	.750	4.500	1.000	.750	2.2	0.767	TCMT 3(2.5)2
		1 x 1	.815	STGCR/L 16 3D	1.000	1.000	6.000	1.250	1.000	2.2	1.764	TCMT 3(2.5)2

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 = 1/8").

R = Right hand, L = Left hand

Spare parts			
	Screw	Shim	Shim screw
11	5513 020-03		
16	5513 020-01	5322 320-01	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com



A41



F2



E1

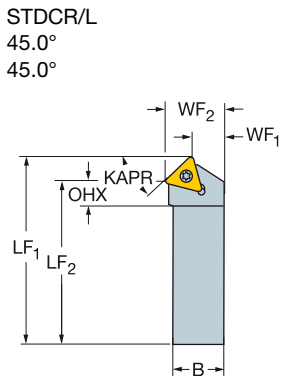
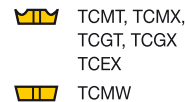


H37



H10

Screw clamp design

[illegible][illegible]

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 = 1/8"). R = Right hand, L = Left hand

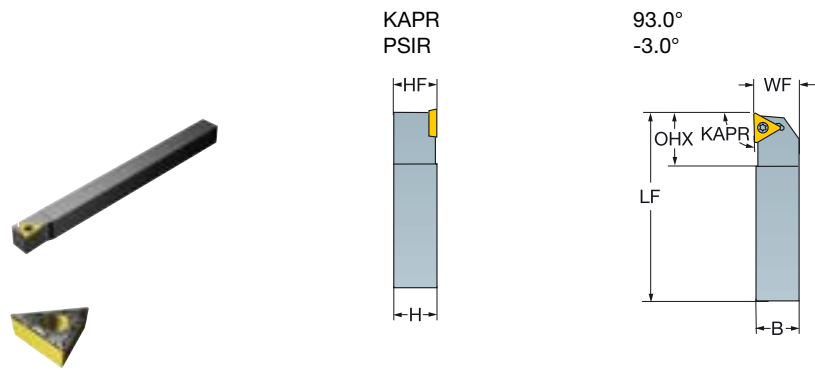
		Spare parts		
				
11	1/4	5513 020-03		
16	3/8	5513 020-01	5322 320-01	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com



CoroTurn® 107 shank tool for turning

Screw clamp design



- TCMT, TCMX, TCGT, TCGX, TCEX
- TCMW

Metric version

				Ordering code	Dimensions, mm								MIID
		CZC _{MS}	OHX		B	H	LF	WF	HF				
	11	16 x 16	16.0	STJCR/L 1616K 11-S	16.0	16.0	125.0	16.0	16.0	0.9	0.27	TCMT 11 02 04	

R = Right hand, L = Left hand

Spare parts
Screw
5513 020-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A41

F2

E1

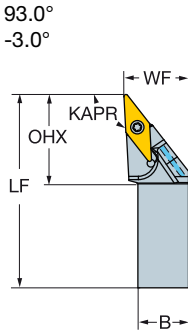
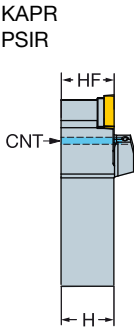
H37

H10

CoroTurn® 107 shank tool for turning

Screw clamp design
Precision coolant supply

B



C

- VBMT, VCGT, VCGX, VCET
- VBMW, VCMW

Metric version

D

						Ordering code	Dimensions, mm										MIID
	16	CZC _{MS}	RMPX	OHX	CNSC		B	H	LF	WF	HF	CNT					
	16	32 x 25	44°	37.6	1	SVJBR/L 3225P 16HP	25.0	32.0	170.0	32.0	32.0	G 1/8-28	275	3.0	1.01	VBMT 16 04 08	

R = Right hand, L = Left hand

E

Spare parts			
Screw	Shim	Shim screw	Nozzle
5513 020-01	5322 270-01	5512 090-01	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H

A41

F2

E1

G1

H37

H10

H5

CoroTurn® 107 shank tool for turning

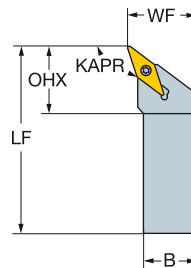
Screw clamp design



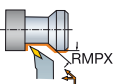
KAPR
PSIR



107.5°
-17.5°



Metric version

					Dimensions, mm								
		CZC _{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF			MIID
	16	20 x 20	35°	27.6	SVHBR/L 2020K 16	20.0	20.0	125.0	25.0	20.0	3.0	0.40	VBMT 16 04 08
		25 x 25	35°	27.6	SVHBR/L 2525M 16	25.0	25.0	150.0	32.0	25.0	3.0	0.71	VBMT 16 04 08
		32 x 25	35°	27.6	SVHBR/L 3225P 16	25.0	32.0	170.0	32.0	32.0	3.0	1.04	VBMT 16 04 08
	22	25 x 25	35°	35.2	SVHCR/L 2525M 22-R2	25.0	25.0	150.0	32.0	25.0	3.0	0.72	VCMT 22 05 20

Inch version

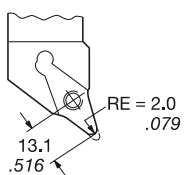
					Dimensions, inch								
		CZC _{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF			MIID
	3/8	3/4 x 3/4	35°	1.087	SVHBR/L 12 3B	.750	.750	4.500	1.000	.750	2.2	0.750	VBMT 332
		1 x 1	35°	1.087	SVHBR/L 16 3C	1.000	1.000	5.000	1.250	1.000	2.2	1.354	VBMT 332
		1 x 1	35°	1.087	SVHBR/L 16 3D	1.000	1.000	6.000	1.250	1.000	2.2	1.764	VBMT 332

R = Right hand, L = Left hand

Spare parts				
		Screw		Shim screw
16	3/8	5513 020-01	5322 270-01	5512 090-01
22	1/2	5513 020-18	5322 270-03	5512 090-03

For the complete list of spare parts, visit www.sandvik.coromant.com

When using insert VCGX 22 05 30-AL with radius 3.0 mm (.118 inch), together with shim 5322 270-04, the toolholder has to be modified. See picture.



A41



F2



E1



H37



H10

A

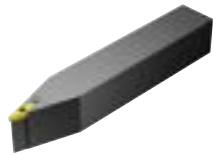
GENERAL TURNING

External tools

CoroTurn® 107 shank tool for turning

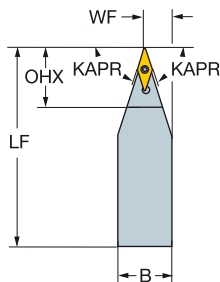
Screw clamp design

B

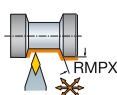


C

VBMT, VBGT
VCGX,
VCGT, VCET
VBMW, VCMW

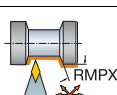
KAPR
PSIR72.5°
17.5°

D



					Dimensions, mm									
	CZC _{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF			MIID		
	11	16 x 16	70°	21.1	SVBN 1616H 11	16.0	16.0	100.0	8.3	16.0	0.9	0.19	VBMT 11 02 04	
	20 x 20	70°	21.1	SVBN 2020K 11-B1	20.0	20.0	125.0	10.3	20.0	0.9	0.37	VBMT 11 03 04		
	25 x 25	70°	21.1	SVBN 2525M 11-B1	25.0	25.0	150.0	12.8	25.0	0.9	0.66	VBMT 11 03 04		
	16	20 x 20	70°	31.5	SVBN 2020K 16	20.0	20.0	125.0	10.6	20.0	3.0	0.40	VBMT 16 04 08	
	25 x 25	70°	31.5	SVBN 2525M 16	25.0	25.0	150.0	13.1	25.0	3.0	0.68	VBMT 16 04 08		
	32 x 25	70°	31.5	SVBN 3225P 16	25.0	32.0	170.0	13.1	32.0	3.0	1.00	VBMT 16 04 08		
	11	16 x 16	70°	21.0	SVBN 1616K 11-S-B1	16.0	16.0	125.0	8.3	16.0	0.9	0.24	VBMT 11 03 04	

E



					Dimensions, inch									
	CZC _{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF			MIID		
	3/8	3/4 x 3/4	70°	1.240	SVBN 12 3B	.750	.750	4.500	.395	.750	2.2	1.102	VBMT 332	
		1 x 1	70°	1.240	SVBN 16 3D	1.000	1.000	6.000	.520	1.000	2.2	1.499	VBMT 332	
		1 1/4 x 1 1/4	70°	1.240	SVBN 20 3D	1.250	1.250	6.000	.645	1.250	2.2	2.315	VBMT 332	

F

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 = 1/8").

N = Neutral

Spare parts				
		Shim screw		
11	1/4	5513 020-03	5322 270-01	5512 090-01
16	3/8	5513 020-01		

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



A41



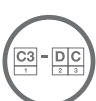
F2



E1



H37



H10

A 100



CoroTurn® 107 shank tool for turning

Screw clamp design

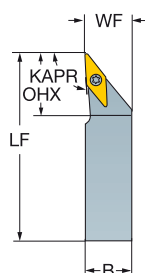


 VBMT, VBG
 VCGX, VCEX,
 VCGT, VCET
 VBMT, VCMW

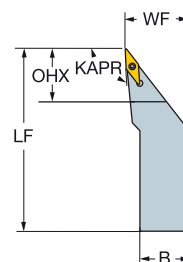
KAPR
PSIR



SVJBR/L-S
93.0°
-3.0°



SVJBR/L
93.0°
-3.0°



Metric version

						Dimensions, mm							
		CZC _{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF			MIID
	11	16 x 16	50°	21.2	SVJBR/L 1616H 11	16.0	16.0	100.0	20.0	16.0	0.9	0.20	VBMT 11 02 04
		16 x 16	50°	21.2	SVJBR/L 1616H 11-B1	16.0	16.0	100.0	20.0	16.0	0.9	0.20	VBMT 11 03 04
		20 x 20	50°	21.2	SVJBR/L 2020K 11	20.0	20.0	125.0	25.0	20.0	0.9	0.40	VBMT 11 02 04
		20 x 20	50°	21.2	SVJBR/L 2020K 11-B1	20.0	20.0	125.0	25.0	20.0	0.9	0.26	VBMT 11 03 04
		25 x 25	50°	21.2	SVJBR/L 2525M 11	25.0	25.0	150.0	32.0	25.0	0.9	0.69	VBMT 11 02 04
		25 x 25	50°	21.2	SVJBR/L 2525M 11-B1	25.0	25.0	150.0	32.0	25.0	0.9	0.69	VBMT 11 03 04
		16	20 x 20	50°	31.1	SVJBR/L 2020K 16	20.0	20.0	125.0	25.0	20.0	3.0	0.38
		25 x 25	50°	31.5	SVJBR/L 2525M 16	25.0	25.0	150.0	32.0	25.0	3.0	0.69	VBMT 16 04 08
		32 x 25	50°	31.5	SVJBR/L 3225P 16	25.0	32.0	170.0	32.0	32.0	3.0	1.01	VBMT 16 04 08
	11	16 x 16	50°	26.0	SVJBR/L 1616K 11-S	16.0	16.0	125.0	16.0	16.0	0.9	0.20	VBMT 11 02 04
		16 x 16	50°	26.0	SVJBR/L 1616K 11-S-B1	16.0	16.0	125.0	16.0	16.0	0.9	0.25	VBMT 11 03 04
	16	16 x 16	50°	40.0	SVJBR/L 1616K 16-S	16.0	16.0	125.0	16.0	16.0	3.0	0.28	VBMT 16 04 08

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 = 1/8").

R = Right hand, L = Left hand

Spare parts				
	CZC _{MS}	Screw	Shim	Shim screw
11	16 x 16-25 x 25	5513 020-03		
16	16 x 16	5513 020-09		
16	20 x 20-32 x 25	5513 020-01	5322 270-01	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com



A41



F2



E1



H37



H10

Screw clamp design



A technical diagram showing a cross-section of a mechanical assembly. It features a central shaft with a flange on the left and a larger cylindrical component on the right. An arrow labeled 'RMPX' points to a small, angled component at the base of the larger cylinder.

A diagram showing a bolt and nut assembly. A torque wrench is shown applying a torque to the nut. The label "RMPX" is present, indicating the torque value.

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 = 1/8"). R = Right hand, L = Left hand

A diagram showing a yellow circle representing a roller support resting on a yellow inclined plane. Below the circle, there is a horizontal double-headed arrow labeled 'C', indicating the reaction force acts horizontally.

For the complete list of spare parts, visit www.sandvik.coromant.com

CoroTurn® 107 QS shank tool for turning

Screw clamp design

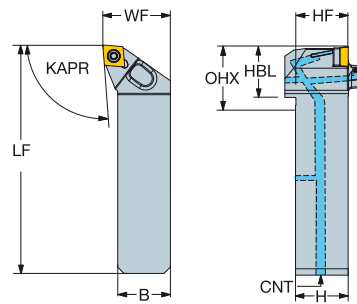
Precision coolant supply

KAPR

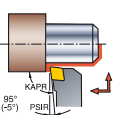
95.0°



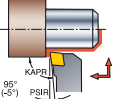
CCMT



Metric version

		CZC _{MS}	OHX	CNSC	Ordering code	Dimensions, mm										MIID
						B	H	HBL	LF	WF	HF	CNT				
	09	20 x 20	44.0	3	QS-SCLCR/L 2020 09C	20.0	20.0	24.0	93.0	25.0	20.0	G 1/8-28	150	3.0	0.26	CCMT 09 T3 08
		25 x 25	49.0	3	QS-SCLCR/L 2525 09C	25.0	25.0	24.0	108.0	32.0	25.0	G 1/8-28	150	3.0	0.48	CCMT 09 T3 08

Inch version

						Dimensions, inch													MIID
		CZC _{MS}	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT	PSI	FT/ LBS	LBS				
		3/8	3/4 x 3/4	1.695	3	QS-SCLCR/L 12 3C	.750	.750	.945	3.661	1.000	.750	G 1/8-28	2175	2.2	0.529	CCMT 3(2.5)2		
			1 x 1	1.945	3	QS-SCLCR/L 16 3C	1.000	1.000	.945	4.252	1.250	1.000	G 1/8-28	2175	2.2	0.001	CCMT 3(2.5)2		

R = Right hand, L = Left hand

Spare parts

Insert screw	Shim screw	Shim	Nozzle	Plug	Plug	Plug
5513 020-01	5512 090-01	5322 232-01	5691 026-13	5512 104-01	3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A42



F2



H37

CoroTurn® 107 QS shank tool for turning

Screw clamp design
Precision coolant supply

B

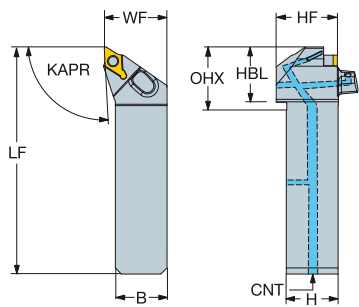


C

- DCMT, DCMX
DCGT, DCGX, DCET
- DCMW

KAPR

93.0°



Metric version

D

		Dimensions, mm															
		CZC _{MS}	RMPX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT	BAR	NM	KG	MIID
	11	20 x 20	27°	47.5	3	QS-SDJCR/L 2020 11C	20.0	20.0	27.5	96.5	25.0	20.0	G 1/8-28	150	3.0	0.26	DCMT 11 T3 08
		25 x 25	27°	54.0	3	QS-SDJCR/L 2525 11C	25.0	25.0	29.0	113.0	32.0	25.0	G 1/8-28	150	3.0	0.49	DCMT 11 T3 08

Inch version

E

		Dimensions, inch												PSI	FT/LBS	LBS	MIID
		CZC _{MS}	RMPX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT				
	3/8	3/4 x 3/4	27°	2.142	3	QS-SDJCR/L 12 3C	.750	.750	1.142	4.449	1.250	1.000	G 1/8-28	2175	2.2	0.551	DCMT 3(2.5)2
		1 x 1	27°	2.142	3	QS-SDJCR/L 16 3C	1.000	1.000	1.142	4.449	1.250	1.000	G 1/8-28	2175	2.2	0.001	DCMT 3(2.5)2

F

R = Right hand, L = Left hand

Spare parts						
Insert screw	Shim screw	Shim	Nozzle	Plug	Plug	Plug
5513 020-01	5512 090-01	5322 263-01	5691 026-13	5512 104-01	3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



CoroTurn® 107 QS shank tool for turning

Screw clamp design

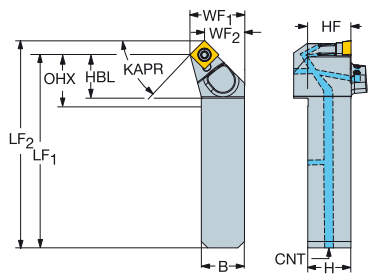
Precision coolant supply



SCMT

KAPR

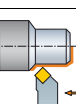
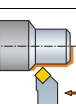
45.0°



B

C

Metric version

					Ordering code	Dimensions, mm												MIID
	CZC _{MS}	OHX	CNSC	B		H	HL	LF	WF	HF	CNT							
	09	20 x 20	52.5	3	QS-SSDCR/L 2020 09C	20.0	20.0	27.5	90.1	25.0	20.0	G 1/8-28	150	3.0	0.27	SCMT 09 T3 08		
		25 x 25	53.5	3	QS-SSDCR/L 2525 09C	25.0	25.0	28.5	106.1	32.0	25.0	G 1/8-28	150	3.0	0.48	SCMT 09 T3 08		

R = Right hand, L = Left hand

Spare parts						
Insert screw	Shim screw	Shim	Nozzle	Plug	Plug	Plug
5513 020-01	5512 090-01	5322 420-01	5691 026-13	5512 104-01	3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

D

E

F

G

H



CoroTurn® 107 QS shank tool for turning

Screw clamp design
Precision coolant supply

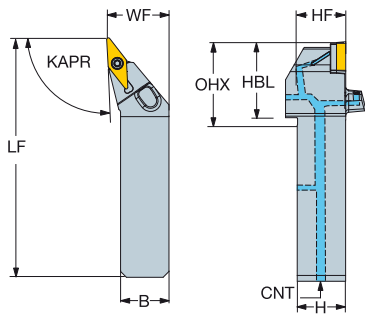
B



C

- VBMT, VBG, VCGX, VCGT, VCET
- VBMT, VCMW

KAPR 93.0°



D

Dimensions, mm																	
		CZC _{MS}	RMPX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT	BAR	NM	KG	MIID
	16	20 x 20	44°	59.0	3	QS-SVJBR/L 2020 16C	20.0	20.0	39.0	108.0	25.0	20.0	G 1/8-28	150	3.0	0.29	VBMT 16 04 08
		25 x 25	44°	64.0	3	QS-SVJBR/L 2525 16C	25.0	25.0	39.0	123.0	32.0	25.0	G 1/8-28	150	3.0	0.51	VBMT 16 04 08

Inch version

E

Dimensions, inch														PSI	FT/LBS	LBS	MIID
		CZC _{MS}	RMPX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT				
	3/8	3/4 x 3/4	44°	2.285	3	QS-SVJBR/L 12 3C	.750	.750	1.535	4.252	1.000	.750	G 1/8-28	2175	2.2	0.595	VBMT 332
		1 x 1	44°	2.535	3	QS-SVJBR/L 16 3C	1.000	1.000	1.535	4.843	1.250	1.000	G 1/8-28	2175	2.2	0.001	VBMT 332

R = Right hand, L = Left hand

F

Spare parts						
Insert screw	Shim screw	Shim	Nozzle	Plug	Plug	Plug
5513 020-01	5512 090-01	5322 270-01	5691 026-13	5512 104-01	3214 013-01	3214 012-01

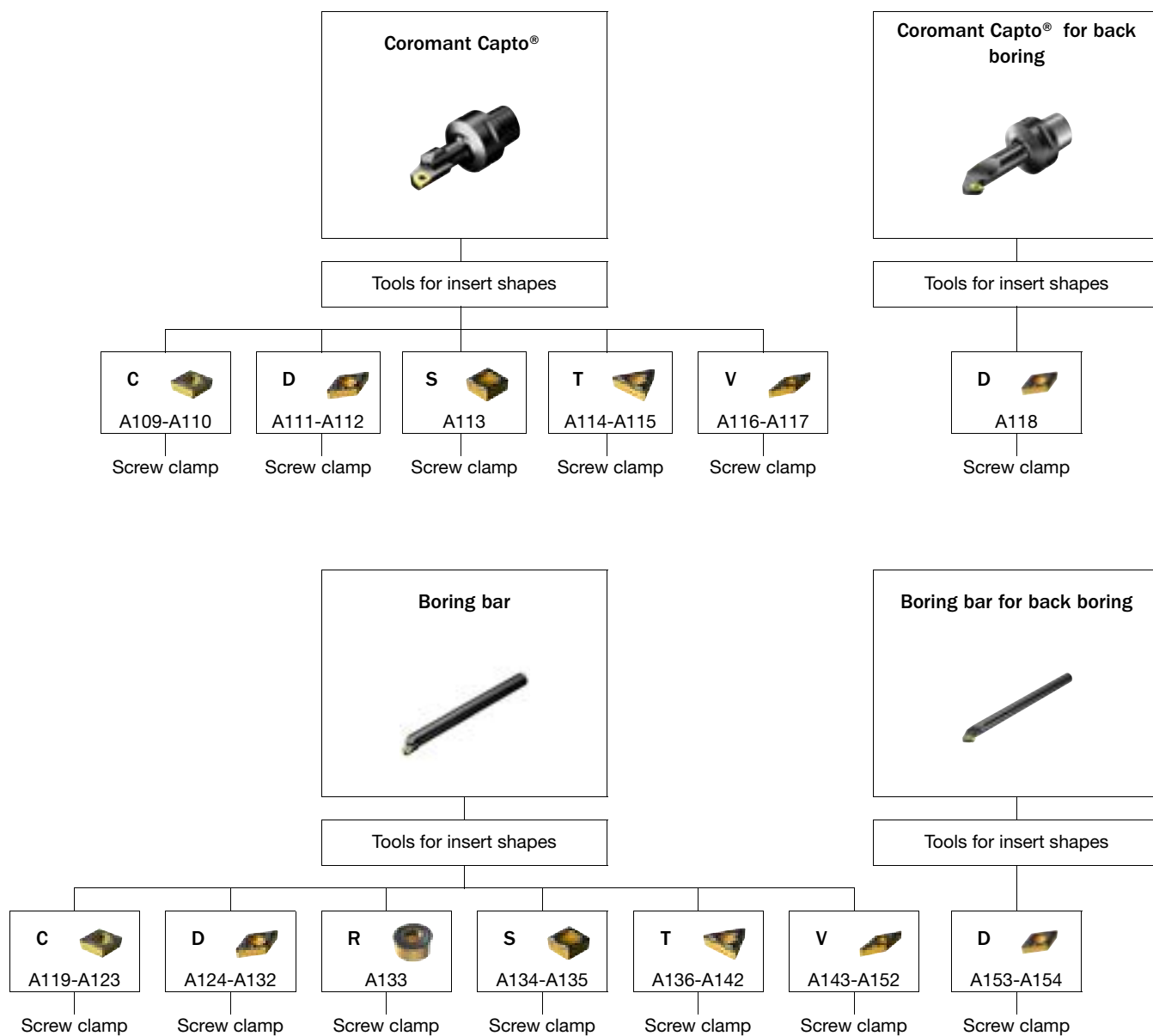
For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



CoroTurn® 107 tools for internal machining



B

C

D

E

F

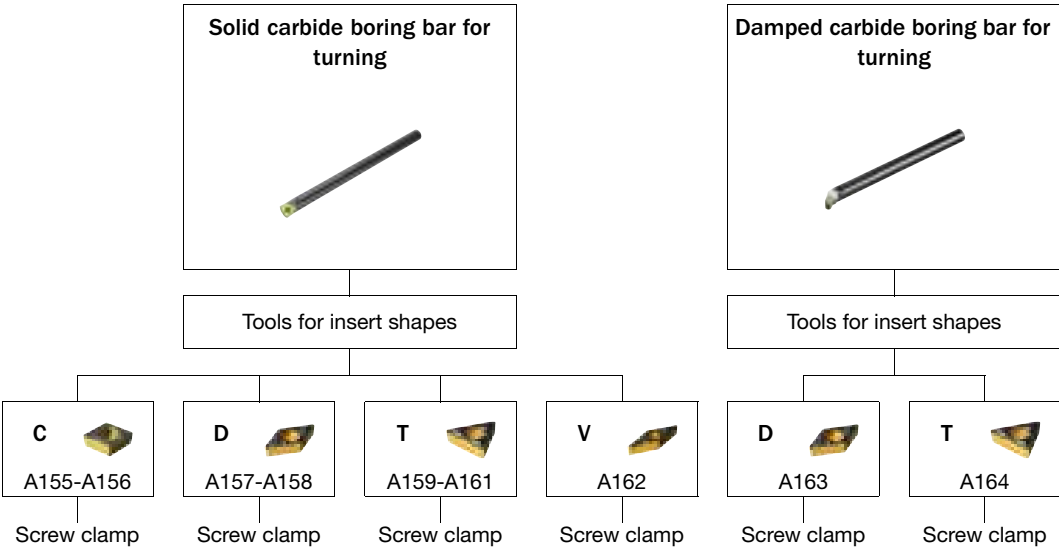
G

H

B

C

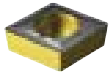
CoroTurn® 107 tools for internal machining



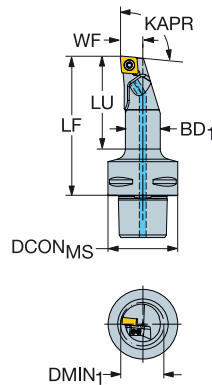
CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Precision coolant supply

KAPR
PSIR95.0°
-5.0°

CCMT, CCGT
CCGX, CCET
CCMW



						Dimensions, mm, inch						MIID
						DCON _{MS}	LF	WF	BAR PSI	NM	KG	
	09 3/8	C3	21.5 .846	48.0 1.890	3	32 1.260	65.0 2.559	11.0 .433	150 2175	3.0	0.22	CCMT 09 T3 08
		C4	21.5 .846	47.0 1.850	3	40 1.575	70.0 2.756	11.0 .433	150 2175	3.0	0.36	CCMT 09 T3 08
		C4	25.0 .984	57.0 2.244	3	40 1.575	80.0 3.150	13.0 .512	150 2175	3.0	0.41	CCMT 09 T3 08
		C5	21.5 .846	46.0 1.811	3	50 1.969	70.0 2.756	11.0 .433	150 2175	3.0	0.56	CCMT 09 T3 08
		C5	25.0 .984	56.0 2.205	3	50 1.969	80.0 3.150	13.0 .512	150 2175	3.0	0.61	CCMT 09 T3 08
	12 1/2	C4	32.0 1.260	69.0 2.717	3	40 1.575	90.0 3.543	17.0 .669	150 2175	3.0	0.50	CCMT 12 04 08
		C5	32.0 1.260	67.0 2.638	3	50 1.969	90.0 3.543	17.0 .669	150 2175	3.0	0.69	CCMT 12 04 08

R = Right hand, L = Left hand

Spare parts			
		Insert screw	Nozzle
09	3/8	5513 020-09	5691 026-13
12	1/2	5513 020-17	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A41



F2



E1



G1



H37



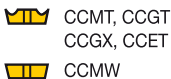
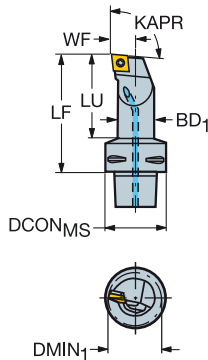
H10



H5

Coromant Capto® - Internal coolant supply

95.0°
-5.0°



R = Right hand, L = Left hand

For the complete list of spare parts, visit www.sandvik.coromant.com



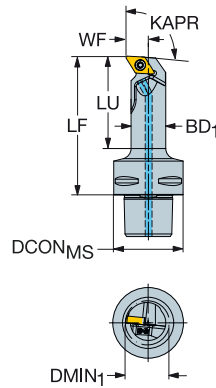
CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Precision coolant supply

KAPR
PSIR93.0°
-3.0°

DCMT, DCMX
DCGT, DCGX, DCET
DCMW



								Dimensions, mm, inch								
			CZC _{MS}	DMIN _I	LU	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID	
	07	1/4	C4	25.0 .984	58.0 2.283	27°	3	C4-SDUCR-13080-07HP	40 1.575	80.0 3.150	13.0 .512	150 2175	0.9 3.0	0.41	DCMT 07 02 04	
	11	3/8	C4	25.0 .984	58.0 2.283	27°	3	C4-SDUCR/L-13080-11HP	40 1.575	80.0 3.150	13.0 .512	150 2175	3.0 3.0	0.41	DCMT 11 T3 08	
			C4	32.0 1.260	69.0 2.717	27°	3	C4-SDUCR/L-17090-11HP	40 1.575	90.0 3.543	17.0 .669	150 2175	3.0 3.0	0.50	DCMT 11 T3 08	
			C5	25.0 .984	56.0 2.205	27°	3	C5-SDUCR/L-13080-11HP	50 1.969	80.0 3.150	13.0 .512	150 2175	3.0 3.0	0.60	DCMT 11 T3 08	
			C5	32.0 1.260	67.0 2.638	27°	3	C5-SDUCR/L-17090-11HP	50 1.969	90.0 3.543	17.0 .669	150 2175	3.0 3.0	0.69	DCMT 11 T3 08	

R = Right hand, L = Left hand

Spare parts		
Ordering code	Insert screw	Nozzle
C4-SDUCR/L-13080-07HP	5513 020-03	5691 026-13
C4-SDUCR/L-13080-11HP	5513 020-09	5691 026-13
C4-SDUCR/L-17090-11HP	5513 020-10	5691 026-13
C5-SDUCR/L-13080-11HP	5513 020-09	5691 026-13
C5-SDUCR/L-17090-11HP	5513 020-10	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A41



F2



E1



G1



H37



H10



H5

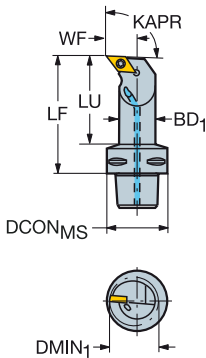
CoroTurn® 107 cutting unit for turning

Screw clamp design
Coromant Capto® - Internal coolant supply

B



KAPR 93.0°
PSIR -3.0°



C

DCMT, DCMX
DCGT, DCGX, DCET
 DCMW

D



							Dimensions, mm, inch						MIID
		CZC _{MS}	DMIN ₁	LU	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF			
07 1/4	C3	20.0 48.0 27° 3	.787 1.890	20.0 47.0 27° 3	.787 1.850	C3-SDUCR/L-11065-07	32	65.0	11.0	10	0.9	0.21	DCMT 07 02 04
							40	70.0	11.0	10	0.9	0.36	DCMT 07 02 04
							50	70.0	11.0	10	0.9	0.55	DCMT 07 02 04
							1.969	2.756	.433	145			
11 3/8	C3	25.0 58.0 27° 3	.984 2.283	32.0 73.0 27° 3	1.260 2.874	C3-SDUCR/L-13075-11	32	75.0	13.0	10	3.0	0.26	DCMT 11 T3 08
							40	80.0	13.0	10	3.0	0.41	DCMT 11 T3 08
							50	80.0	13.0	10	3.0	0.65	DCMT 11 T3 08
							1.969	3.150	.512	145			
	C4	25.0 57.0 27° 3	.984 2.244	32.0 68.0 27° 3	1.260 2.677	C4-SDUCR/L-17090-11	32	90.0	17.0	10	3.0	0.38	DCMT 11 T3 08
							40	80.0	13.0	10	3.0	0.41	DCMT 11 T3 08
							50	80.0	13.0	10	3.0	0.65	DCMT 11 T3 08
							1.969	3.150	.512	145			
	C5	25.0 56.0 27° 3	.984 2.205	32.0 67.0 27° 3	1.260 2.638	C5-SDUCR/L-13080-11	32	75.0	13.0	10	3.0	0.26	DCMT 11 T3 08
							40	80.0	13.0	10	3.0	0.41	DCMT 11 T3 08
							50	80.0	13.0	10	3.0	0.65	DCMT 11 T3 08
							1.969	3.150	.512	145			
	C5	40.0 88.0 27° 3	1.575 3.465	50.0 60.0 27° 3	1.969 2.362	C5-SDUCR/L-17090-11	32	90.0	17.0	10	3.0	0.70	DCMT 11 T3 08
							40	80.0	13.0	10	3.0	0.96	DCMT 11 T3 08
							50	110.0	22.0	10	3.0	1.35	DCMT 11 T3 08
							1.969	4.331	.866	145			
	C5	63.0 80.0 27° 3	2.480 3.150			C5-SDUCR/L-35100-11	32	100.0	35.0	10	3.0	1.35	DCMT 11 T3 08
							40	100.0	35.0	10	3.0	1.35	DCMT 11 T3 08
							50	100.0	35.0	10	3.0	1.35	DCMT 11 T3 08
							1.969	3.937	1.378	145			

R = Right hand, L = Left hand

G

Spare parts			
Ordering code	Screw	Shim	Shim screw
C3-SDUCR/L-11065-07	5513 020-03		
C4-SDUCR/L-11070-07	5513 020-03		
C5-SDUCR/L-11070-07	5513 020-03		
C3-SDUCR/L-13075-11	5513 020-09		
C3-SDUCR/L-17090-11	5513 020-10		
C4-SDUCR/L-13080-11	5513 020-09		
C4-SDUCR/L-17090-11	5513 020-10		
C4-SDUCR/L-22110-11	5513 020-01	5322 263-01	5512 090-01
C4-SDUCR/L-27080-11	5513 020-01	5322 263-01	5512 090-01
C5-SDUCR/L-13080-11	5513 020-09		
C5-SDUCR/L-17090-11	5513 020-10		
C5-SDUCR/L-22110-11	5513 020-01	5322 263-01	5512 090-01
C5-SDUCR/L-35100-11	5513 020-01	5322 263-01	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com

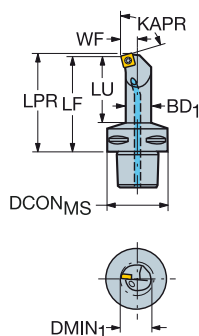
H



CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Internal coolant supply

KAPR
PSIR75.0°
15.0°

SCMT, SCGX
SCMW

								Dimensions, mm, inch								
		CZC _{MS}	DMIN ₁	LU	RMPX	CNSC	Ordering code	DCON _{MS}	LPR	LF	WF	BAR PSI	NM	KG	MIID	
	09 3/8	C4	25.0 .984	58.0 2.283	10°	3	C4-SSKCR-13080-09	40 1.575	82.2 3.237	80.0 3.150	13.0 .512	10 145	3.0	0.41	SCMT 09 T3 08	
		C5	25.0 .984	56.0 2.205	10°	3	C5-SSKCR-13080-09	50 1.969	82.2 3.237	80.0 3.150	13.0 .512	10 145	3.0	0.61	SCMT 09 T3 08	

R = Right hand

Spare parts

Screw

5513 020-09

For the complete list of spare parts, visit www.sandvik.coromant.com

B

C

D

E

F

G

H



A41



F2



E1



G1



H37



H10



H5

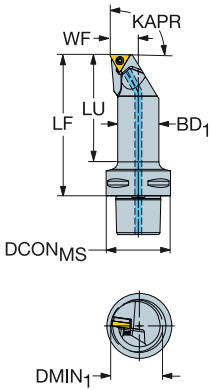
CoroTurn® 107 cutting unit for turning

Screw clamp design
Coromant Capto® - Precision coolant supply

B



KAPR 91.0°
PSIR -1.0°

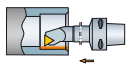


C



TCMT, TCMX,
TCGT, TCGX
TCEX
TCMW

D



						Dimensions, mm, inch							
		CZC _{MS}	DMIN ₁	LU	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID
11	1/4	C4	20.0	47.0	3	C4-STFCR/L11070-11HPB1	40	70.0	11.0	150	0.9	0.36	TCMT 11 03 04
			.787	1.850			1.575	2.756	.433	2175			
		C4	25.0	57.0	3	C4-STFCR/L13080-11HPB1	40	80.0	13.0	150	0.9	0.40	TCMT 11 03 04
			.984	2.244			1.575	3.150	.512	2175			
16	3/8	C4	32.0	69.0	3	C4-STFCR/L-17090-16HP	40	90.0	17.0	150	3.0	0.51	TCMT 16 T3 08
			1.260	2.717			1.575	3.543	.669	2175			
		C5	32.0	67.0	3	C5-STFCR/L-17090-16HP	50	90.0	17.0	150	3.0	0.70	TCMT 16 T3 08
			1.260	2.638			1.969	3.543	.669	2175			
		C5	40.0	88.0	3	C5-STFCR-22110-16HP	50	110.0	22.0	150	3.0	0.96	TCMT 16 T3 08
			1.575	3.465			1.969	4.331	.866	2175			

E

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 = 1/8"). R = Right hand, L = Left hand

			Spare parts			
		CZC _{MS}	Insert screw	Shim	Shim screw	Nozzle
11	1/4	C4	5513 020-03			5691 026-23
16	3/8	C4	5513 020-10			5691 026-23
16	3/8	C5	5513 020-01	5322 320-01	5512 090-01	5691 026-23

For the complete list of spare parts, visit www.sandvik.coromant.com

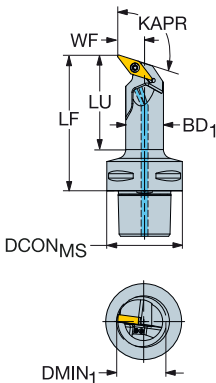
F

G

H



Coromant Capto® - Precision coolant supply

$$\begin{matrix} 107.5^\circ \\ -17.5^\circ \end{matrix}$$


B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 = 1/8"). R = Right hand, L = Left hand

For the complete list of spare parts, visit www.sandvik.coromant.com

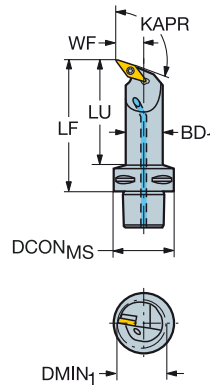
CoroTurn® 107 cutting unit for turning

Screw clamp design

Coromant Capto® - Internal coolant supply

KAPR
PSIR107.5°
-17.5°

VBMT, VBGT
VCGX, VCEX,
VCGT, VCET
VBMW, VCMW



								Dimensions, mm, inch								
		CZC _{MS}	DMIN ₁	LU	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF	BAR PSI	NM	KG	MIID		
11	1/4	C3	22.0	53.0	35°	3	C3-SVQBR/L-13070-11-B1	32	70.0	13.0	10	0.9	0.21	VBMT 11 03 04		
			.866	2.087				1.260	2.756	.512	145					
		C4	27.0	57.0	35°	3	C4-SVQBR/L-15080-11-B1	40	80.0	15.0	10	0.9	0.40	VBMT 11 03 04		
			1.063	2.244				1.575	3.150	.591	145					
		C4	25.0	48.0	35°	3	C4-SVQBR-13070-11	40	70.0	13.0	10	0.9	0.38	VBMT 11 02 04		
			.984	1.890				1.575	2.756	.512	145					
		C4	27.0	58.0	35°	3	C4-SVQBR-15080-11	40	80.0	15.0	10	0.9	0.40	VBMT 11 02 04		
			1.063	2.283				1.575	3.150	.591	145					
	3/8	C5	27.0	56.0	35°	3	C5-SVQBR/L-15080-11-B1	50	80.0	15.0	10	0.9	0.65	VBMT 11 03 04		
			1.063	2.205				1.969	3.150	.591	145					
		C4	33.0	68.0	35°	3	C4-SVQBR/L-18090-16	40	90.0	18.0	10	3.0	0.50	VBMT 16 04 08		
			1.299	2.677				1.575	3.543	.709	145					
		C4	40.0	89.0	35°	3	C4-SVQBR/L-22110-16	40	110.0	22.0	10	3.0	0.73	VBMT 16 04 08		
			1.575	3.504				1.575	4.331	.866	145					
		C4	50.0	100.0	35°	3	C4-SVQBR/L-27120-16	40	120.0	27.0	10	3.0	0.99	VBMT 16 04 08		
			1.969	3.937				1.575	4.724	1.063	145					
		C5	40.0	88.0	35°	3	C5-SVQBR/L-22110-16	50	110.0	22.0	10	3.0	0.93	VBMT 16 04 08		
			1.575	3.465				1.969	4.331	.866	145					
		C5	50.0	119.0	35°	3	C5-SVQBR/L-27140-16	50	140.0	27.0	10	3.0	1.38	VBMT 16 04 08		
			1.969	4.685				1.969	5.512	1.063	145					
		C5	33.0	67.0	35°	3	C5-SVQBR-18090-16	50	90.0	18.0	10	3.0	0.68	VBMT 16 04 08		
			1.299	2.638				1.969	3.543	.709	145					
		C5	63.0	130.0	35°	3	C5-SVQBR-35150-16	50	150.0	35.0	10	3.0	1.90	VBMT 16 04 08		
			2.480	5.118				1.969	5.906	1.378	145					
16		C6	50.0	120.0	35°	3	C6-SVQBR/L-27145-16	63	145.0	27.0	10	3.0	1.76	VBMT 16 04 08		
			1.969	4.724				2.480	5.709	1.063	145					
		C6	63.0	151.0	35°	3	C6-SVQBR/L-35175-16	63	175.0	35.0	10	3.0	2.89	VBMT 16 04 08		
			2.480	5.945				2.480	6.890	1.378	145					

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 = 1/8").

R = Right hand, L = Left hand

Spare parts			
Ordering code	Screw	Shim	Shim screw
Cx-SVQBR/L-xxxxx-11-B1	5513 020-20		
Cx-SVQBR/L-xxxxx-11	5513 020-03		
Cx-SVQBR/L-18xxx-16	5513 020-10		
Cx-SVQBR/L-22/27/35xxx-16	5513 020-01	5322 270-02	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A41



F2



E1



G1



H37



H10



H5

CoroTurn® 107 cutting unit for back boring

Screw clamp design
Coromant Capto® - Internal coolant supply

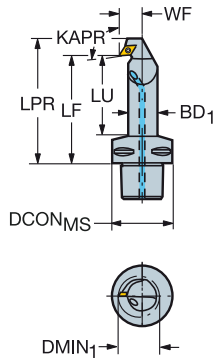
B



- DCMT, DCMX
- DCGT, DCGX, DCET
- DCMW

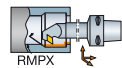
KAPR
PSIR

93.0°
-3.0°



C

D



								Dimensions, mm, inch								
			CZC _{MS}	DMIN ₁	LU	RMPX	CNSC	Ordering code	DCON _{MS}	LPR	LF	WF				MIID
	07	1/4	C4	22.0	47.3	27°	3	C4-SDUCR/L-13070-07X	40	81.5	70.0	13.0	10	0.9	0.37	DCMT 07 02 04
				.866	1.862				1.575	3.209	2.756	.512	145			
			C4	27.0	57.9	27°	3	C4-SDUCR/L-15080-07X	40	91.5	80.0	15.0	10	0.9	0.40	DCMT 07 02 04
				1.063	2.280				1.575	3.602	3.150	.591	145			
			C4	32.0	68.5	27°	3	C4-SDUCR/L-18090-07X	40	101.5	90.0	18.0	10	0.9	0.54	DCMT 07 02 04
				1.260	2.697				1.575	3.996	3.543	.709	145			
			C5	32.0	67.2	27°	3	C5-SDUCR/L-18090-07X	50	101.5	90.0	18.0	10	0.9	0.72	DCMT 07 02 04
				1.260	2.646				1.969	3.996	3.543	.709	145			
			C5	27.0	56.5	27°	3	C5-SDUCR-15080-07X	50	91.5	80.0	15.0	10	0.9	0.60	DCMT 07 02 04
				1.063	2.224				1.969	3.602	3.150	.591	145			

R = Right hand, L = Left hand

E

Spare parts
Screw
5513 020-03

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

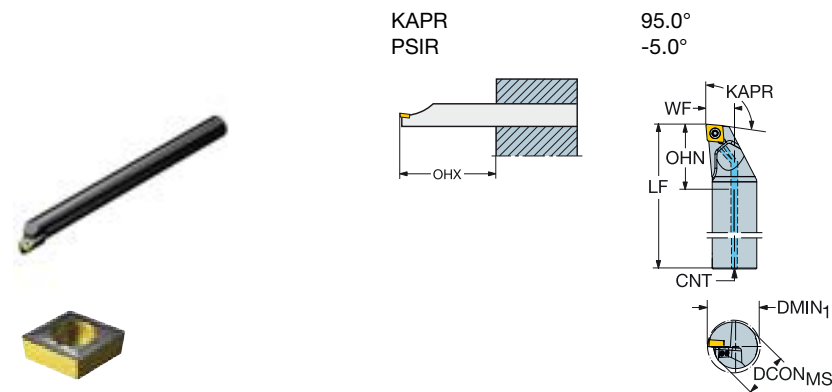
H



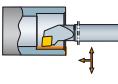
CoroTurn® 107 boring bar for turning

Screw clamp design

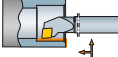
Cylindrical with groove for EasyFix sleeve - Precision coolant supply



Metric version

							Dimensions, mm										MIID
		CZC _{MS}	DMIN ₁	OHX	OHN	CNSC	Ordering code	DCON _{MS}	BD	LF	WF	CNT					
	09	20	25.0	80.0	33.8	1	A20S-SCLCR/L 09HP-R	20.0	20.0	250.0	13.0	G 1/8-28	275	3.0	0.58	CCMT 09 T3 08	
		25	32.0	100.0	32.8	1	A25T-SCLCR/L 09HP-R	25.0	25.0	300.0	17.0	G 1/8-28	275	3.0	1.02	CCMT 09 T3 08	

Inch version

							Ordering code	Dimensions, inch							MIID
		CZC _{MS}	DMIN ₁	OHX	OHN	CNSC		DCON _{MS}	LF	WF	CNT				
	3/8	3/4	.929	3.000	1.327	1	A12S-SCLCR/L 3HP-R	.750	10.000	.500	G 1/8-28	3988	2.2	1.177	CCMT 3(2.5)2
		1	1.201	4.000	1.291	1	A16T-SCLCR/L 3HP-R	1.000	12.000	.640	G 1/8-28	3988	2.2	2.370	CCMT 3(2.5)2
	1/2	1	1.201	4.000	1.496	1	A16T-SCLCR 4HP-R	1.000	12.000	.640	G 1/8-28	3988	2.2	1.984	CCMT 432

R = Right hand, L = Left hand

Spare parts		
Ordering code	Insert screw	Nozzle
A12S-SCLCR/L 3HP-R	5513 020-09	5691 026-13
A16T-SCLCR/L 3HP-R	5513 020-10	5691 026-13
A20S-SCLCR/L 09HP-R	5513 020-09	5691 026-13
A25T-SCLCR/L 09HP-R	5513 020-10	5691 026-13
A16T-SCLCR/L 4HP-R	5513 020-17	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com



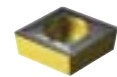
CoroTurn® 107 boring bar for turning

Screw clamp design
Cylindrical with flats - Precision coolant supply

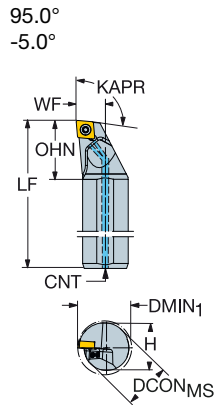
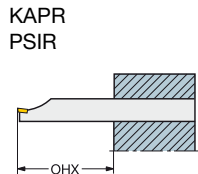
B



C



CCMT, CCGT
CCGX, CCET
CCMW



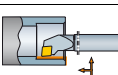
Metric version

D

							Ordering code	Dimensions, mm										MIID
		CZC _{MS}	DMIN ₁	OHX	OHN	CNSC		DCON _{MS}	H	BD	LF	WF	CNT					
	09	20	25.0	80.0	33.0	1	A20S-SCLCR/L 09HP	20.0	18.0	20.0	250.0	13.0	G 1/8-28	275	3.0	0.55	CCMT 09 T3 08	
		25	32.0	100.0	32.0	1	A25T-SCLCR/L 09HP	25.0	23.0	25.0	300.0	17.0	G 1/8-28	275	3.0	0.95	CCMT 09 T3 08	

Inch version

E

							Dimensions, inch													MIID
		CZC _{MS}	DMIN ₁	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	LF	WF	CNT								
	3/8	3/4	.929	3.000	1.280	1	A12S-SCLCR/L 3HP	.750	.709	10.000	.500	G 1/8-28	3988	2.2	1.146	CCMT 3(2.5)2				
		1	1.201	4.000	1.272	1	A16T-SCLCR/L 3HP	1.000	.906	12.000	.640	G 1/8-28	3988	2.2	2.270	CCMT 3(2.5)2				

R = Right hand, L = Left hand

F

Spare parts		
Ordering code	Insert screw	Nozzle
A12S-SCLCR/L 3HP	5513 020-09	5691 026-13
A16T-SCLCR/L 3HP	5513 020-10	5691 026-13
A20S-SCLCR/L 09HP	5513 020-09	5691 026-13
A25T-SCLCR/L 09HP	5513 020-10	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

G

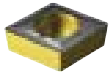
H



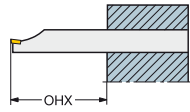
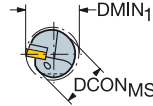
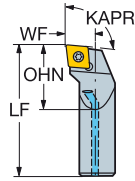
CoroTurn® 107 boring bar for turning

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply



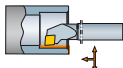
CCMT, CCGT
CCGX, CCET
CCMW

KAPR
PSIR95.0°
-5.0°

Metric version

							Ordering code	Dimensions, mm							MIID
								DCON _{MS}	BD	LF	WF	BAR	NM	KG	
	06	8	10.0	32.0	12.0	1	A08H-SCLCR/L 06-R	8.0	8.0	100.0	5.0	10	0.9	0.05	CCMT 06 02 04
		10	12.0	40.0	15.0	1	A10K-SCLCR/L 06-R	10.0	10.0	125.0	6.0	10	0.9	0.08	CCMT 06 02 04
		12	16.0	48.0	18.0	1	A12M-SCLCR/L 06-R	12.0	12.0	150.0	9.0	10	0.9	0.14	CCMT 06 02 04
		16	20.0	64.0	24.0	1	A16R-SCLCR/L 06-R	16.0	16.0	200.0	11.0	10	0.9	0.26	CCMT 06 02 04
	09	16	20.0	64.0	24.0	1	A16R-SCLCR/L 09-R	16.0	16.0	200.0	11.0	10	3.0	0.31	CCMT 09 T3 08
		20	25.0	80.0	30.0	1	A20S-SCLCR/L 09-R	20.0	20.0	250.0	13.0	10	3.0	0.58	CCMT 09 T3 08

Inch version

							Ordering code	Dimensions, inch							MIID
		CZC _{MS}	DMIN ₁	OHX	OHN	CNSC		DCON _{MS}	LF	WF					
	1/4	3/8	.480	1.500	.563	1	A06M-SCLCR/L 2-R	.375	6.000	.250	145	0.5	0.203	CCMT 2(1.5)1	
		1/2	.598	2.000	.750	1	A08M-SCLCR/L 2-R	.500	6.000	.312	145	0.5	0.353	CCMT 2(1.5)1	
		5/8	.772	2.500	.938	1	A10R-SCLCR/L 2-R	.625	8.000	.406	145	0.5	0.646	CCMT 2(1.5)1	
	3/8	5/8	.772	2.500	.938	1	A10R-SCLCR/L 3-R	.625	8.000	.406	145	2.2	0.690	CCMT 3(2.5)2	
		3/4	.929	3.000	1.125	1	A12S-SCLCR 3-R	.750	10.000	.500	145	2.2	1.252	CCMT 3(2.5)2	

R = Right hand, L = Left hand

Metric version

Spare parts	
CZC _{MS}	Insert screw
06 8-12	5513 020-46
06 16	5513 020-03
09 16-20	5513 020-09

Inch version

Spare parts	
CZC _{MS}	Insert screw
1/4 3/8-1/2	5513 020-46
1/4 5/8	5513 020-03
3/8 5/8-3/4	5513 020-09

For the complete list of spare parts, visit www.sandvik.coromant.com

A41



F2



G1



H37



H12

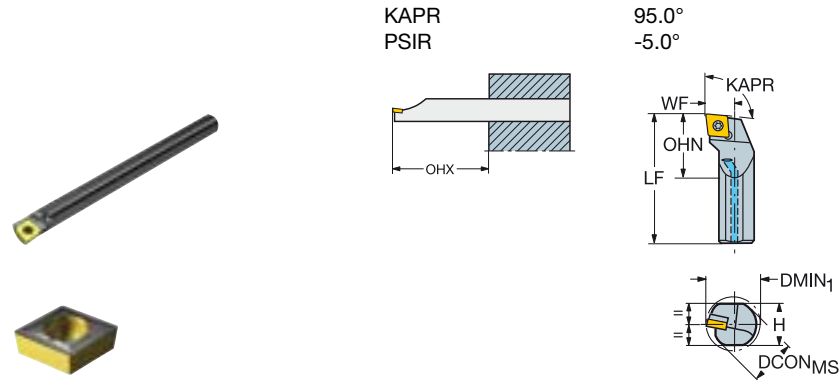


H5

CoroTurn® 107 boring bar for turning

Screw clamp design
Cylindrical with flats - Internal coolant supply

B

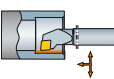


C

- CCMT, CCGT
CCGX, CCET
- CCMW

Metric version

D

							Dimensions, mm											
		CZC _{MS}	DMIN ₁	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	BD	LF	WF				MIID		
	06	8	10.0	32.0	12.0	1	A08H-SCLCR/L 06	8.0	7.0	8.0	100.0	5.0	10	0.9	0.05	CCMT 06 02 04		
	10	12.0	40.0	15.0	1	A10K-SCLCR/L 06	10.0	9.0	10.0	125.0	6.0	10	0.9	0.08	CCMT 06 02 04			
	12	16.0	48.0	18.0	1	A12M-SCLCR/L 06	12.0	11.0	12.0	150.0	9.0	10	0.9	0.13	CCMT 06 02 04			
	16	20.0	64.0	24.0	1	A16R-SCLCR/L 06	16.0	15.0	16.0	200.0	11.0	10	0.9	0.26	CCMT 06 02 04			
	09	16	20.0	64.0	24.0	1	A16R-SCLCR/L 09	16.0	15.0	16.0	200.0	11.0	10	3.0	0.32	CCMT 09 T3 08		
	20	25.0	80.0	30.0	1	A20S-SCLCR/L 09	20.0	18.0	20.0	250.0	13.0	10	3.0	0.40	CCMT 09 T3 08			
	25	32.0	100.0	37.5	1	A25T-SCLCR/L 09	25.0	23.0	25.0	300.0	17.0	10	3.0	0.95	CCMT 09 T3 08			
	12	25	32.0	100.0	37.5	1	A25T-SCLCR/L 12	25.0	23.0	25.0	300.0	17.0	10	3.0	0.95	CCMT 12 04 08		
	32	40.0	128.0	48.0	1	A32T-SCLCR/L 12	32.0	30.0	32.0	300.0	22.0	10	3.0	1.67	CCMT 12 04 08			
	40	50.0	160.0	60.0	1	A40T-SCLCR/L 12	40.0	37.0	40.0	300.0	27.0	10	3.0	2.52	CCMT 12 04 08			

R = Right hand, L = Left hand

E

		Spare parts		
	CZC _{MS}	Insert screw	Shim	Shim screw
06	8-12	5513 020-46		
06	16	5513 020-03		
09	16-20	5513 020-09		
09	25	5513 020-10		
12	25	5513 020-17		
12	32-40	5513 020-18	5322 232-02	5512 090-03

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H


A41


F2


G1


H37


H12

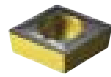

H5



CoroTurn® 107 boring bar for turning

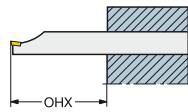
Screw clamp design

Cylindrical with flats - Internal coolant supply

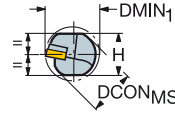
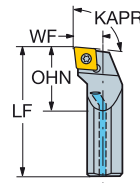


CCMT, CCGT
CCGX, CCET
CCMW

KAPR
PSIR



95.0°
-5.0°



Inch version

							Ordering code	Dimensions, inch							MIID
		CZC _{MS}	DMIN ₁	OHX	OHN	CNSC		DCON _{MS}	H	LF	WF				
	1/4	3/8	.480	1.500	.563	1	A06M-SCLCR/L 2	.375	.336	6.000	.250	145	0.7	0.201	CCMT 2(1.5)1
	1/2		.598	2.000	.750	1	A08M-SCLCR/L 2	.500	.460	6.000	.312	145	0.5	0.315	CCMT 2(1.5)1
	5/8		.772	2.500	.938	1	A10R-SCLCR/L 2	.625	.562	8.000	.406	145	0.7	0.615	CCMT 2(1.5)1
	3/8	5/8	.772	2.500	.938	1	A10R-SCLCR/L 3	.625	.562	8.000	.406	145	2.2	0.653	CCMT 3(2.5)2
	3/4	.929	3.000	1.125	1	A12S-SCLCR/L 3	.750	.709	10.000	.500	145	2.2	1.257	CCMT 3(2.5)2	
	1	1.201	4.000	1.500	1	A16T-SCLCR/L 3	1.000	.906	12.000	.640	145	2.2	2.251	CCMT 3(2.5)2	
	1/2	1	1.201	4.000	1.500	1	A16T-SCLCR/L 4	1.000	.906	12.000	.640	145	2.2	0.002	CCMT 432
	1 1/4	1.469	5.000	1.875	1	A20T-SCLCR/L 4	1.250	1.181	12.000	.765	145	2.2	3.763	CCMT 432	
	1 1/2	1.760	6.000	2.250	1	A24T-SCLCR/L 4	1.500	1.374	12.000	.890	145	2.2	4.938	CCMT 432	

R = Right hand, L = Left hand

Spare parts				
IC	CZC _{MS}	Insert screw	Shim	Shim screw
1/4	3/8-1/2	5513 020-46		
1/4	5/8	5513 020-03		
3/8	5/8-3/4	5513 020-09		
3/8	1	5513 020-10		
1/2	1	5513 020-17		
1/2	1 1/4-1 1/2	5513 020-18	5322 232-02	5512 090-03

For the complete list of spare parts, visit www.sandvik.coromant.com



A41



F2



G1



H37



H12

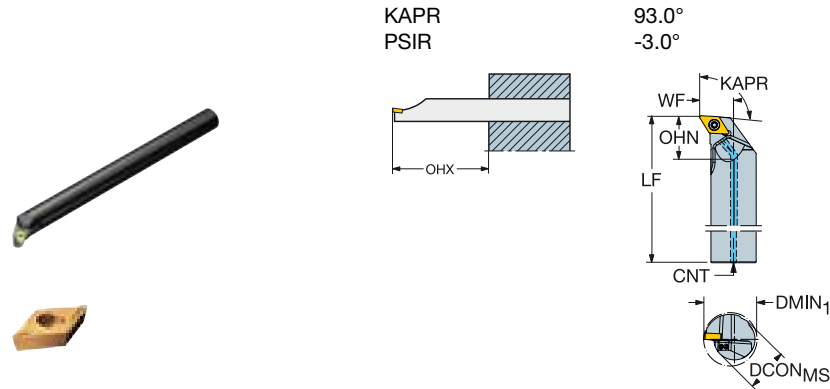


H5

CoroTurn® 107 boring bar for turning

Screw clamp design
Cylindrical with groove for EasyFix sleeve - Precision coolant supply

B



C

- DCMT, DCMX
- DCGT, DCGX, DCET
- DCMW

Metric version

D

Dimensions, mm																	
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	BD	LF	WF	CNT	BAR	NM	KG	MIID
	07	20	25.0	27°	80.0	23.1	1	A20S-SDUCR 07HP-R	20.0	20.0	250.0	13.0	G 1/8-28	275	0.9	0.57	DCMT 07 02 04
	11	20	25.0	27°	80.0	22.3	1	A20S-SDUCR/L 11HP-R	20.0	20.0	250.0	13.0	G 1/8-28	275	3.0	0.58	DCMT 11 T3 08
		25	32.0	27°	100.0	28.7	1	A25T-SDUCR/L 11HP-R	25.0	25.0	300.0	17.0	G 1/8-28	275	3.0	1.03	DCMT 11 T3 08

Inch version

E

Dimensions, inch																	
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	LF	WF	CNT		PSI	FT/LBS	LBS	MIID
	3/8	3/4	1.051	27°	3.000	.929	1	A12S-SDUCR 3HP-R	.750	10.000	.625	G 1/8-28	3988	2.2	1.191		DCMT 3(2.5)2
		1	1.299	27°	4.000	.984	1	A16T-SDUCR/L 3HP-R	1.000	12.000	.750	G 1/8-28	3988	2.2	1.984		DCMT 3(2.5)2

R = Right hand, L = Left hand

Metric version

Spare parts			
		Insert screw	Nozzle
	CZC _{MS}		
07	20	5513 020-03	5691 026-13
11	20	5513 020-09	5691 026-13
11	25	5513 020-10	5691 026-13

G

Inch version

Spare parts			
		Insert screw	Nozzle
	CZC _{MS}		
3/8	3/4	5513 020-09	5691 026-13
3/8	1	5513 020-10	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

H

A1

F2

G1

H37

H12

H5

CoroTurn® 107 boring bar for turning

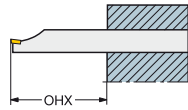
Screw clamp design

Cylindrical with groove for EasyFix sleeve - Precision coolant supply

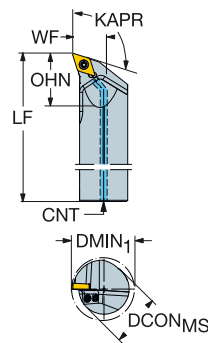


 DCMT, DCMX
 DCGT, DCGX, DCET
 DCMW

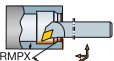
KAPR
PSIR



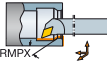
107.5°
-17.5°



Metric version

									Dimensions, mm										
 RMPX ←		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	BD	LF	WF	CNT				MIID		
	07	20	25.0	17°	80.0	22.2	1	A20S-SDQCR/L 07HP-R	20.0	20.0	250.0	13.0	G 1/8-28	275	0.9	0.56	DCMT 07 02 04		
	11	25	32.0	17°	100.0	28.0	1	A25T-SDQCR/L 11HP-R	25.0	25.0	300.0	17.0	G 1/8-28	275	3.0	1.02	DCMT 11 T3 08		

Inch version

									Dimensions, inch								
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	LF	WF	CNT				MIID	
	3/8	3/4	.980	17°	3.000	.953	1	A12S-SDQCR 3HP-R	.750	10.000	.562	G 1/8-28	3988	2.2	1.213	DCMT 3(2.5)2	

R = Right hand, L = Left hand

Metric version

		Spare parts	
 IC CZC _{MS}		Insert screw	Nozzle
07	20	5513 020-03	5691 026-13
11	25	5513 020-10	5691 026-13

Inch version

		Spare parts	
 IC CZC _{MS}		Insert screw	Nozzle
3/8	3/4	5513 020-09	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com



A11



F2



G1



H37



H12

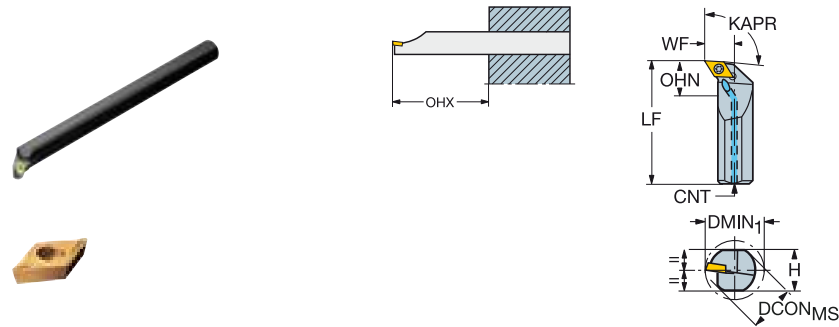


H5

CoroTurn® 107 boring bar for turning

Screw clamp design
Cylindrical with flats - Precision coolant supply

B



C

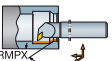
- DCMT, DCMX
- DCGT, DCGX, DCET
- DCMW

Metric version

D

Dimensions, mm																	
	CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	BD	LF	WF	CNT	BAR	NM	KG	MIID
	07	20	25.0	27°	80.0	22.2	A20S-SDUCR 07HP	20.0	18.0	20.0	250.0	13.0	G 1/8-28	275	0.9	0.55	DCMT 07 02 04
	11	20	25.0	27°	80.0	22.0	A20S-SDUCR/L 11HP	20.0	18.0	20.0	250.0	13.0	G 1/8-28	275	3.0	0.55	DCMT 11 T3 08
		25	32.0	27°	100.0	28.5	A25T-SDUCR/L 11HP	25.0	23.0	25.0	300.0	17.0	G 1/8-28	275	3.0	0.95	DCMT 11 T3 08

E

Inch version																		
							Ordering code	Dimensions, inch										
								DCON_{MS}	H	LF	WF	CNT				MID		
	1/4	3/4	1.051	27°	3.000	.799		1	A12S-SDUCR/L 2HP	.750	.709	10.000	.625	G 1/8-28	3988	0.7	1.213	DCMT 2(1.5)1
	3/8	3/4	1.051	27°	3.000	.917		1	A12S-SDUCR/L 3HP	.750	.709	10.000	.625	G 1/8-28	3988	2.2	1.213	DCMT 3(2.5)2
		1	1.299	27°	4.000	1.000		1	A16T-SDUCR/L 3HP	1.000	.906	12.000	.750	G 1/8-28	3988	2.2	2.300	DCMT 3(2.5)2

R = Right hand, L = Left hand

Metric version

		Spare parts	
	CZC _{MS}	Insert screw	Nozzle
07	20	5513 020-03	5691 026-13
11	20	5513 020-09	5691 026-13
11	25	5513 020-10	5691 026-13

G

Inch version

		Spare parts	
	CZC _{MS}	Insert screw	Nozzle
1/4	3/4	5513 020-03	5691 026-13
3/8	3/4	5513 020-09	5691 026-13
3/8	1	5513 020-10	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

H

A41

F2

G1

H37

H12

H5

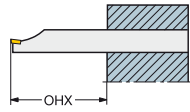
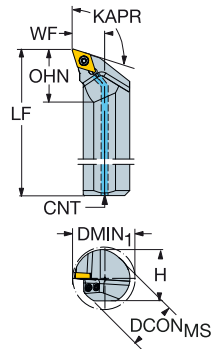
CoroTurn® 107 boring bar for turning

Screw clamp design

Cylindrical with flats - Precision coolant supply



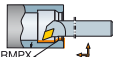
DCMT, DCMX
 DCGT, DCGX, DCET
 DCMW

KAPR
PSIR107.5°
-17.5°

Metric version

									Dimensions, mm										
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	BD	LF	WF	CNT				MIID	
	07	20	25.0	17°	80.0	21.2	1	A20S-SDQCR/L 07HP	20.0	18.0	20.0	250.0	13.0	G 1/8-28	275	0.9	0.55	DCMT 07 02 04	
	11	25	32.0	17°	100.0	27.8	1	A25T-SDQCR/L 11HP	25.0	23.0	25.0	300.0	17.0	G 1/8-28	275	3.0	0.94	DCMT 11 T3 08	

Inch version

									Dimensions, inch										
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	LF	WF	CNT				MIID		
	1/4	3/4	.980	17°	3.000	.783	1	A12S-SDQCR/L 2HP	.750	.709	10.000	.562	G 1/8-28	3988	0.7	1.213	DCMT 2(1.5)1		

R = Right hand, L = Left hand

Spare parts			
		Insert screw	Nozzle
07	1/4	5513 020-03	5691 026-13
11	3/8	5513 020-10	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A41



F2



G1



H37



H12

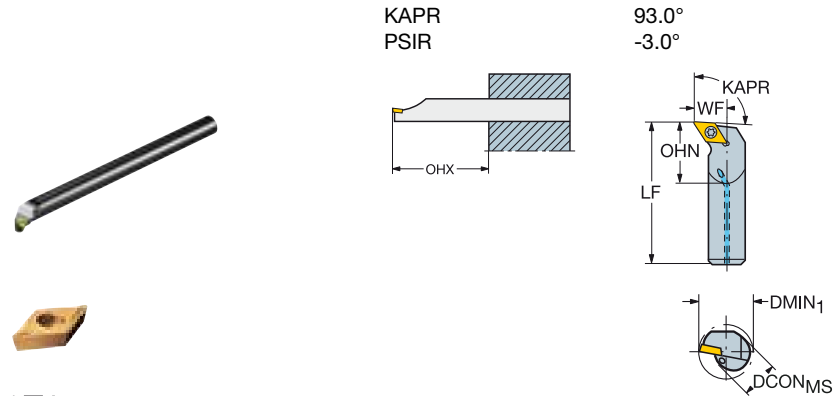


H5

CoroTurn® 107 boring bar for turning

Screw clamp design
Cylindrical with groove for EasyFix sleeve - Internal coolant supply

B



C

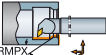
- DCMT, DCMX
DCGT, DCGX, DCET
- DCMW

Metric version

										Dimensions, mm							
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code		DCON _{MS}	BD	LF	WF	BAR	NM	KG	MIID
	07	10	15.0	27°	40.0	15.0	1	A10K-SDUCR/L 07-ER		10.0	10.0	125.0	9.0	10	0.9	0.08	DCMT 07 02 04
	12	18.0	27°	48.0	18.0	1		A12M-SDUCR/L 07-ER		12.0	12.0	150.0	11.0	10	0.9	0.13	DCMT 07 02 04
	16	20.0	27°	64.0	24.0	1		A16R-SDUCR/L 07-R		16.0	16.0	200.0	11.0	10	0.9	0.31	DCMT 07 02 04
	11	20	25.0	27°	80.0	30.0	1	A20S-SDUCR/L 11-R		20.0	20.0	250.0	13.0	10	3.0	0.59	DCMT 11 T3 08

D

Inch version

									Dimensions, inch							
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID	
	1/4	3/8	.598	27°	1.500	.563	1	A06M-SDUCR 2-R	.375	6.000	.375	145	0.7	0.201	DCMT 2(1.5)1	
		1/2	.728	27°	2.000	.750	1	A08M-SDUCR 2-R	.500	6.000	.438	145	0.7	0.331	DCMT 2(1.5)1	
		5/8	.850	27°	2.500	.938	1	A10R-SDUCR/L 2-R	.625	8.000	.500	145	0.7	0.661	DCMT 2(1.5)1	
	3/8	3/4	1.051	27°	3.000	1.125	1	A12S-SDUCR 3-R	.750	10.000	.625	145	2.2	1.197	DCMT 3(2.5)2	

F

R = Right hand, L = Left hand

Metric version

		Spare parts
	CZC _{MS}	Insert screw
	07	10-16 5513 020-03
	11	20 5513 020-09

G

Inch version

		Spare parts
	CZC _{MS}	Insert screw
	1/4	3/8-5/8 5513 020-03
	3/8	3/4 5513 020-09

For the complete list of spare parts, visit www.sandvik.coromant.com

H

A1
 F2
 G1
 H37
 H12
 H5

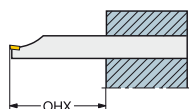
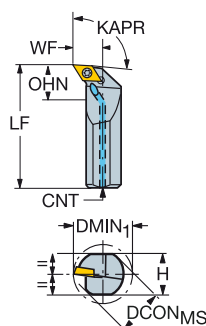
CoroTurn® 107 boring bar for turning

Screw clamp design

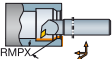
Cylindrical with flats - Internal coolant supply



DCMT, DCMX
 DCGT, DCGX, DCET
 DCMW

KAPR
PSIR93.0°
-3.0°

Metric version

									Dimensions, mm												
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	BD	LF	WF				MID				
	07	10	13.0	27°	40.0	15.0	1	A10K-SDUCR/L 07	10.0	9.0	10.0	125.0	7.0	10	0.9	0.08	DCMT 07 02 04				
	12	16.0	27°	48.0	18.0	1	A12M-SDUCR/L 07	12.0	11.0	12.0	150.0	9.0	10	0.9	0.13	DCMT 07 02 04					
	16	20.0	27°	64.0	24.0	1	A16R-SDUCR/L 07	16.0	15.0	16.0	200.0	11.0	10	0.9	0.31	DCMT 07 02 04					
	11	20	25.0	27°	80.0	30.0	1	A20S-SDUCR/L 11	20.0	18.0	20.0	250.0	13.0	10	3.0	0.46	DCMT 11 T3 08				
	25	32.0	27°	100.0	37.5	1	A25T-SDUCR/L 11	25.0	23.0	25.0	300.0	17.0	10	3.0	0.95	DCMT 11 T3 08					

Inch version

									Dimensions, inch							
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	LF	WF				MID
	1/4	3/8	.598	27°	1.500	.563	1	A06M-SDUCR/L 2	.375	.336	6.000	.375	145	0.7	0.176	DCMT 2(1.5)1
	1/2	.728	27°	2.000	.750	1	A08M-SDUCR/L 2	.500	.460	6.000	.438	145	0.7	0.320	DCMT 2(1.5)1	
	5/8	.850	27°	2.500	.938	1	A10R-SDUCR/L 2	.625	.562	8.000	.500	145	0.7	0.661	DCMT 2(1.5)1	
	3/8	3/4	1.051	27°	3.000	1.125	1	A12S-SDUCR/L 3	.750	.709	10.000	.625	145	2.2	1.182	DCMT 3(2.5)2
	1	1.299	27°	4.000	1.500	1	A16T-SDUCR/L 3	1.000	.906	12.000	.750	145	2.2	2.271	DCMT 3(2.5)2	
	1 1/4	1.579	27°	5.000	1.875	1	A20T-SDUCR/L 3	1.250	1.181	12.000	.875	145	2.2	3.763	DCMT 3(2.5)2	

R = Right hand, L = Left hand

Metric version

Spare parts		
	CZC _{MS}	Insert screw
07	10	5513 020-48
07	12-16	5513 020-03
11	20	5513 020-09
11	25	5513 020-10

Inch version

Spare parts				
	CZC _{MS}	Insert screw	Shim	Shim screw
1/4	3/8-5/8	5513 020-03		
3/8	3/4	5513 020-09		
3/8	1	5513 020-10		
3/8	1 1/4	5513 020-01	5322 263-01	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A11



F2



G1



H37



H12

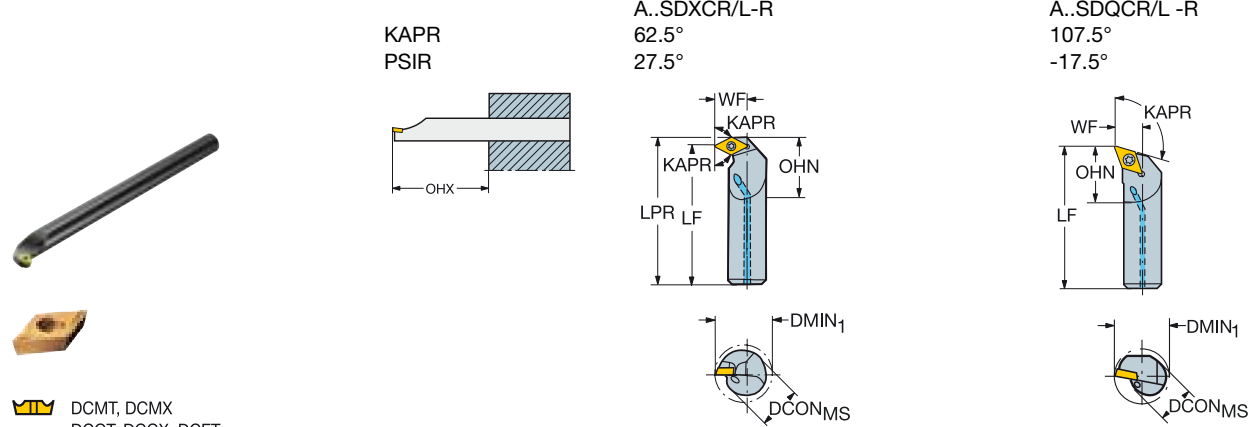


H5

CoroTurn® 107 boring bar for turning

Screw clamp design
Cylindrical with groove for EasyFix sleeve - Internal coolant supply

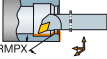
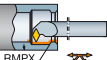
B



C

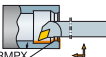
- DCMT, DCMX, DCGT, DCGX, DCET
- DCMW

Metric version

										Dimensions, mm										
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	BD	LPR	LF	WF				MIID			
	07	10	13.0	17°	40.0	15.0	1	A10K-SDQCR/L 07-R	10.0	10.0		125.0	7.0	10	0.9	0.08	DCMT 07 02 04			
		12	16.0	17°	48.0	18.0	1	A12M-SDQCR/L 07-R	12.0	12.0		150.0	9.0	10	0.9	0.13	DCMT 07 02 04			
		16	20.0	17°	64.0	24.0	1	A16R-SDQCR/L 07-R	16.0	16.0		200.0	11.0	10	0.9	0.31	DCMT 07 02 04			
	11	20	25.0	17°	80.0	30.0	1	A20S-SDQCR/L 11-R	20.0	20.0		250.0	13.0	10	3.0	0.58	DCMT 11 T3 08			
	07	12	16.0	60°	48.0	18.0	1	A12M-SDXCR/L 07-R	12.0	12.0	155.1	150.0	9.0	10	0.9	0.13	DCMT 07 02 04			
		16	20.0	60°	64.0	24.0	1	A16R-SDXCR/L 07-R	16.0	16.0	205.1	200.0	11.0	10	0.9	0.30	DCMT 07 02 04			
	11	20	25.0	60°	80.0	30.0	1	A20S-SDXCR/L 11-R	20.0	20.0	256.8	250.0	13.0	10	3.0	0.59	DCMT 11 T3 08			

D

Inch version

									Dimensions, inch						
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID
	1/4	3/8	.598	17°	1.500	.563	1	A06M-SDQCR 2-R	.375	6.000	.375	145	0.7	0.194	DCMT 2(1.5)1

F

R = Right hand, L = Left hand

Metric version

	Spare parts	
	CZC _{MS}	Insert screw
07	10-16	5513 020-03
11	20	5513 020-09

G

Inch version

	Spare parts	
	CZC _{MS}	Insert screw
1/4	3/8	5513 020-03

For the complete list of spare parts, visit www.sandvik.coromant.com

H

A41
 F2
 G1
 H37
 H12
 H5

CoroTurn® 107 boring bar for turning

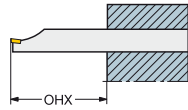
Screw clamp design

Cylindrical with flats - Internal coolant supply

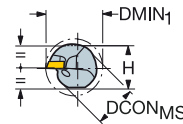
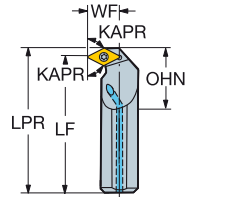


DCMT, DCMX
 DCGT, DCGX, DCET
 DCMW

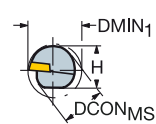
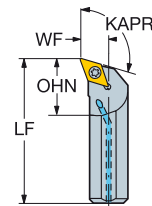
KAPR
PSIR



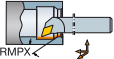
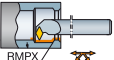
A..SDXCR/L
62.5°
27.5°



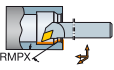
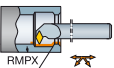
A..SDQCR/L
107.5°
-17.5°



Metric version

									Dimensions, mm												
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	BD	LPR	LF	WF				MIID			
	07	10	13.0	17°	40.0	15.0	1	A10K-SDQCR/L 07	10.0	9.0	10.0		125.0	7.0	10	0.9	0.08	DCMT 07 02 04			
		12		16.0	17°	48.0	18.0	1	A12M-SDQCR/L 07	12.0	11.0	12.0		150.0	9.0	10	0.9	0.13	DCMT 07 02 04		
		16		20.0	17°	64.0	24.0	1	A16R-SDQCR/L 07	16.0	15.0	16.0		200.0	11.0	10	0.9	0.28	DCMT 07 02 04		
		11	20	25.0	17°	80.0	30.0	1	A20S-SDQCR/L 11	20.0	18.0	20.0		250.0	13.0	10	3.0	0.56	DCMT 11 T3 08		
		25		32.0	17°	100.0	37.5	1	A25T-SDQCR/L 11	25.0	23.0	25.0		300.0	17.0	10	3.0	0.94	DCMT 11 T3 08		
	07	12	16.0	60°	48.0	18.0	1	A12M-SDXCR/L 07	12.0	11.0	12.0	155.1	150.0	9.0	10	0.9	0.13	DCMT 07 02 04			
		16	20.0	60°	64.0	24.0	1	A16R-SDXCR/L 07	16.0	15.0	16.0	205.1	200.0	11.0	10	0.9	0.29	DCMT 07 02 04			
		11	20	25.0	60°	80.0	30.0	1	A20S-SDXCR/L 11	20.0	18.0	20.0	256.8	250.0	13.0	10	3.0	0.56	DCMT 11 T3 08		
		25		32.0	60°	100.0	37.5	1	A25T-SDXCR/L 11	25.0	23.0	25.0	306.8	300.0	17.0	10	3.0	0.96	DCMT 11 T3 08		

Inch version

									Dimensions, inch										
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	LPR	LF	WF				MIID		
	1/4	3/8	.598	17°	1.500	.563	1	A06M-SDQCR 2	.375	.336		6.000	.375	145	0.7	0.183	DCMT 2(1.5)1		
		1/2	.728	17°	2.000	.750	1	A08M-SDQCR/L 2	.500	.460		6.000	.437	145	0.7	0.317	DCMT 2(1.5)1		
		5/8	.850	17°	2.500	.938	1	A10R-SDQCR 2	.625	.562		8.000	.500	145	0.7	0.608	DCMT 2(1.5)1		
		3/8	3/4	.980	17°	3.000	1.125	1	A12S-SDQCR/L 3	.750	.709		10.000	.562	145	2.2	1.014	DCMT 3(2.5)2	
		1	1.299	17°	4.000	1.500	1	A16T-SDQCR/L 3	1.000	.906		12.000	.750	145	2.2	2.260	DCMT 3(2.5)2		
	1/4	1/2	.681	60°	2.000	.750	1	A08M-SDXCR/L 2	.500	.460	6.201	6.000	.392	145	0.7	0.441	DCMT 2(1.5)1		
		5/8	.850	60°	2.500	.938	1	A10R-SDXCR/L 2	.625	.562	8.201	8.000	.486	145	0.7	0.617	DCMT 2(1.5)1		
		3/8	3/4	1.012	60°	3.000	1.125	1	A12S-SDXCR/L 3	.750	.709	10.268	10.000	.580	145	2.2	1.184	DCMT 3(2.5)2	
		1	1.280	60°	4.000	1.500	1	A16T-SDXCR/L 3	1.000	.906	12.268	12.000	.720	145	2.2	2.305	DCMT 3(2.5)2		

R = Right hand, L = Left hand

Spare parts	
Ordering code	Insert screw
Axxx-SDQCR/L 2	5513 020-03
Axxx-SDQCR/L 07	5513 020-03
A12S-xxxxR/L 3	5513 020-09
A20S-xxxxR/L 11	5513 020-09
A16T-xxxxR/L 3	5513 020-10
A25T-xxxxR/L 11	5513 020-10

For the complete list of spare parts, visit www.sandvik.coromant.com



A41



F2



G1



H37



H12

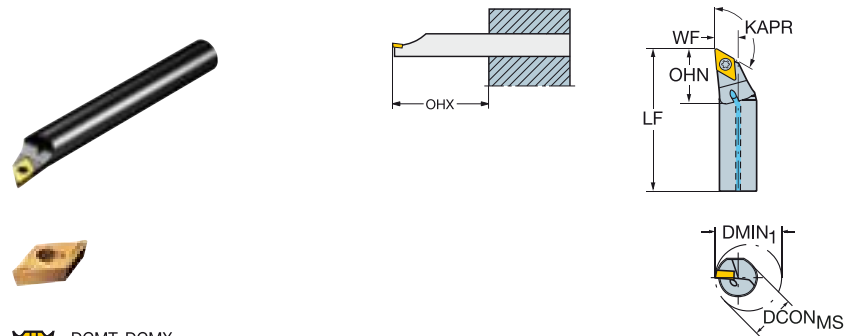


H5

CoroTurn® 107 boring bar for turning

Screw clamp design
Cylindrical with groove for EasyFix sleeve - Internal coolant supply

B

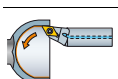


C

- DCMT, DCMX
- DCGT, DCGX, DCET
- DCMW

Metric version

D

								Ordering code	Dimensions, mm						MIID
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC		DCON _{MS}	LF	WF				
	07	16	20.0	5°	64.0	24.0	1	A16K-SDXCR/L 07-R	16	125.0	9.0	10	0.9	0.17	DCMT 07 02 04
	11	20	25.0	3°	80.0	30.0	1	A20M-SDXCR/L 11-R	20	150.0	12.0	10	3.0	0.33	DCMT 11 T3 08

E

Inch version

									Dimensions, inch					
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	LF	WF	PSI	FT/LBS	LBS	MIID
	1/4	5/8	.787	5°	2.500	.938	1	A10K-SDXCR/L 2-R	4.921	.354	145	0.7	0.392	DCMT 2(1.5)1
	3/8	3/4	.984	3°	3.000	1.181	1	A12M-SDXCR/L 3-R	5.906	.472	145	2.2	0.679	DCMT 3(2.5)2

F

For inserts and cutting data, see rotating tools catalog. R = Right hand, L = Left hand

Metric version

G

		Spare parts
	CZC _{MS}	Insert screw
07	16	5513 020-03
11	20	5513 020-09

Inch version

		Spare parts
	CZC _{MS}	Insert screw
1/4	5/8	5513 020-03
3/8	3/4	5513 020-09

For the complete list of spare parts, visit www.sandvik.coromant.com

H

A11

F2

G1

H37

H12

H5

CoroTurn® 107 boring bar for turning

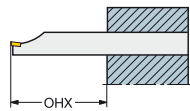
Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply

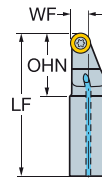


R300

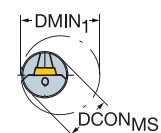
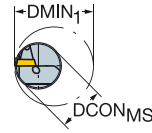
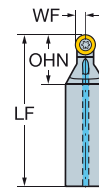
TSYC



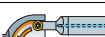
A..SRXDR/L-R



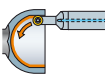
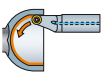
A..SRDDN-R



Metric version

										Dimensions, mm						
		CZC _{MS}	DMIN ₁	LU	RMPX	OHX	OHN	CNSC	Ordering code	DCON	LF	WF				MIID
	08	16	20.0	12.6	90°	64.0	24.0	1	A16K-SRDDN 08-R	16	125.0	4.0	10	0.9	0.18	R300-0828..
	08	20	25.0		0°	80.0	30.0	1	A20M-SRXDR/L 08-R	20	150.0	9.0	10	1.2	0.34	R300-0828..
	10	20	25.0		0°	80.0	30.0	1	A20M-SRXDR/L 10-R	20	150.0	9.0	10	3.0	0.39	R300-1032..

Inch version

										Dimensions, inch						
		CZC _{MS}	DMIN ₁	LU	RMPX	OHX	OHN	CNSC	Ordering code	DCON	LF	WF				MIID
	08	5/8	.787	.494	90°	2.500	.938	1	A10K-SRDDN 08-R	.625	4.921	.157	145	0.7	0.394	R300-0828..
	08	3/4	.984		0°	3.000	1.181	1	A12M-SRXDR/L 08-R	.750	5.906	.354	145	0.9	0.682	R300-0828..
	10	3/4	.748		0°	3.000	1.181	1	A12M-SRXDR/L 10-R	.750	5.906	.354	145	2.2	0.800	R300-1032..

For inserts and cutting data, see rotating tools catalog.

N = Neutral, R = Right hand, L = Left hand

Metric version

		Spare parts
	CZC _{MS}	Insert screw
08	16	5513 020-48
08	20	5513 020-56
10	20	5513 020-43

Inch version

		Spare parts
	CZC _{MS}	Insert screw
08	5/8	5513 020-48
08	3/4	5513 020-56
10	3/4	5513 020-43

For the complete list of spare parts, visit www.sandvik.coromant.com

A41



F2



G1



ISO 13251



C3-D3

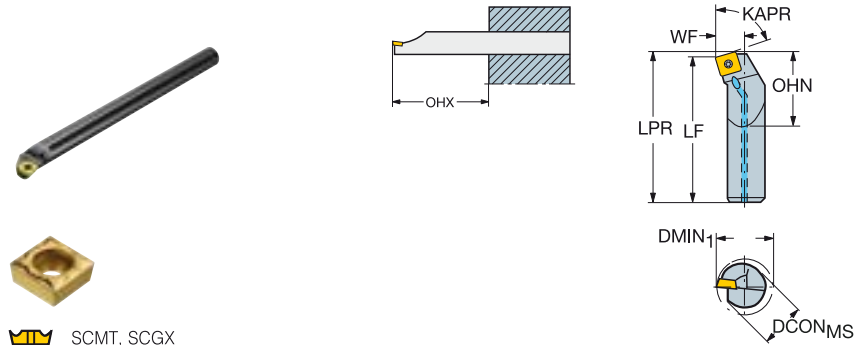


CN5C-CX5C

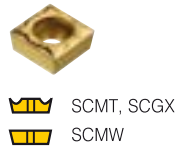
CoroTurn® 107 boring bar for turning

Screw clamp design
Cylindrical with groove for EasyFix sleeve - Internal coolant supply

B

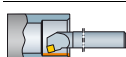


C



Metric version

D

								Dimensions, mm										
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	BD	LPR	LF	WF				MIID	
	09	16	20.0	10°	64.0	24.0	1	A16R-SSKCR 09-R	16.0	16.0	202.2	200.0	11.0	10	3.0	0.31	SCMT 09 T3 08	
		20	25.0	10°	80.0	30.0	1	A20S-SSKCR 09-R	20.0	20.0	252.2	250.0	13.0	10	3.0	0.59	SCMT 09 T3 08	

R = Right hand

E

Spare parts
Insert screw 5513 020-09

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H



CoroTurn® 107 boring bar for turning

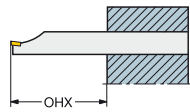
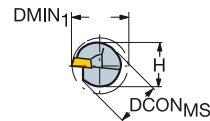
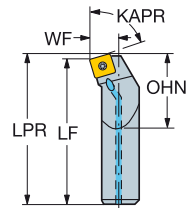
Screw clamp design

Cylindrical with flats - Internal coolant supply



SCMT, SCGX

SCMW

KAPR
PSIR75.0°
15.0°

Metric version

									Dimensions, mm											
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	BD	LPR	LF	WF	BAR	NM	KG	MIID		
	09	16	20.0	10°	64.0	24.0	1	A16R-SSKCR/L 09	16.0	15.0	16.0	202.2	200.0	11.0	10	3.0	0.31	SCMT 09 T3 08		
		20	25.0	10°	80.0	30.0	1	A20S-SSKCR/L 09	20.0	18.0	20.0	252.2	250.0	13.0	10	3.0	0.56	SCMT 09 T3 08		
	12	25	32.0	10°	100.0	37.5	1	A25T-SSKCR/L 12	25.0	23.0	25.0	303.1	300.0	17.0	10	3.0	0.86	SCMT 12 04 08		
		32	40.0	10°	128.0	48.0	1	A32T-SSKCR 12	32.0	30.0	32.0	303.1	300.0	22.0	10	3.0	1.68	SCMT 12 04 08		

R = Right hand, L = Left hand

		Spare parts		
	CZC _{MS}	Insert screw	Shim	Shim screw
09	16-20	5513 020-09		
12	25	5513 020-17		
12	32	5513 020-18	5322 420-02	5512 090-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A41



F2



G1



H37



H12

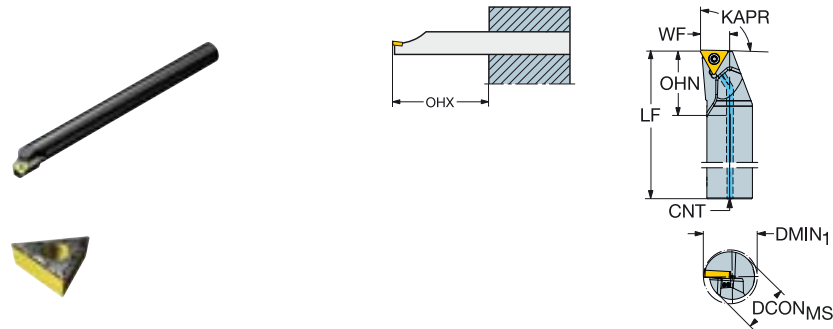


H5

CoroTurn® 107 boring bar for turning

Screw clamp design
Cylindrical with groove for EasyFix sleeve - Precision coolant supply

B

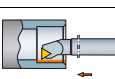


C

- TCMT, TCMX, TCGT, TCGX, TCEX
- TCMW

Metric version

D

								Dimensions, mm											
		CZC _{MS}	DMIN ₁	OHX	OHN	CNSC	Ordering code	DCON _{MS}	BD	LF	WF	CNT				MIID			
	11	20	25.0	80.0	27.1	1	A20S-STFCR/L 11HP-RB1	20.0	20.0	250.0	13.0	G 1/8-28	275	0.9	0.57	TCMT 11 03 04			
	16	25	32.0	100.0	31.5	1	A25T-STFCR/L 16HP-R	25.0	25.0	300.0	17.0	G 1/8-28	275	3.0	1.04	TCMT 16 T3 08			

E

inch version

								Dimensions, inch								
		CZC _{MS}	DMIN ₁	OHX	OHN	CNSC	Ordering code	DCON _{MS}	LF	WF	CNT				MIID	
	1/4	3/4	.929	3.000	1.067	1	A12S-STFCR 2HP-RB1	.750	10.000	.500	G 1/8-28	3988	0.7	1.213	TCMT 221	
	3/8	1	1.201	4.000	1.228	1	A16T-STFCL 3HP-R	1.000	12.000	.640	G 1/8-28	3988	2.2	1.984	TCMT 3[2.5]2	

F

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 = 1/8"). R = Right hand, L = Left hand

G

Spare parts		
Ordering code	Insert screw	Nozzle
A12S-STFCR/L 2HP-RB1	5513 020-03	5691 026-23
A20S-STFCR/L 11HP-RB1	5513 020-03	5691 026-23
A16T-STFCR/L 3HP-R	5513 020-10	5691 026-23
A25T-STFCR/L 16HP-R	5513 020-10	5691 026-23

For the complete list of spare parts, visit www.sandvik.coromant.com

H

A 136

CoroTurn® 107 boring bar for turning

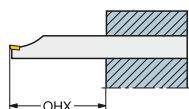
Screw clamp design

Cylindrical with flats - Precision coolant supply

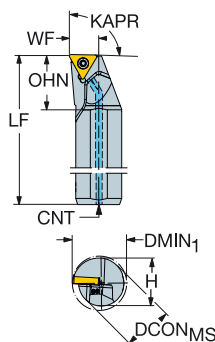


TCMT, TCMX,
TCGT, TCGX
TCEX
TCMW

KAPR
PSIR



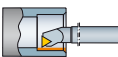
91.0°
-1.0°



Metric version

	Dimensions, mm																
		CZC _{MS}	DMIN ₁	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	BD	LF	WF	CNT				MIID
	16	25	32.0	100.0	31.2	1	A25T-STFCR/L 16HP	25.0	23.0	25.0	300.0	17.0	G 1/8-28	275	3.0	0.96	TCMT 16 T3 08

Inch version

								Dimensions, inch										
							Ordering code	DCON _{MS}	H	LF	WF	CNT				MIID		
	3/8	CZC _{MS}	DMIN ₁	OHX	OHN	CNSC	A16T-STFCR 3HP	1.000	.906	12.000	.640	G 1/8-28	3988	2.2	2.282	TCMT 3(2.5)2		
		1	1.201	4.000	1.209	1												

R = Right hand, L = Left hand

Spare parts	
Insert screw	Nozzle
5513 020-10	5691 026-23

For the complete list of spare parts, visit www.sandvik.coromant.com



A41



F2



G1



H37



H12

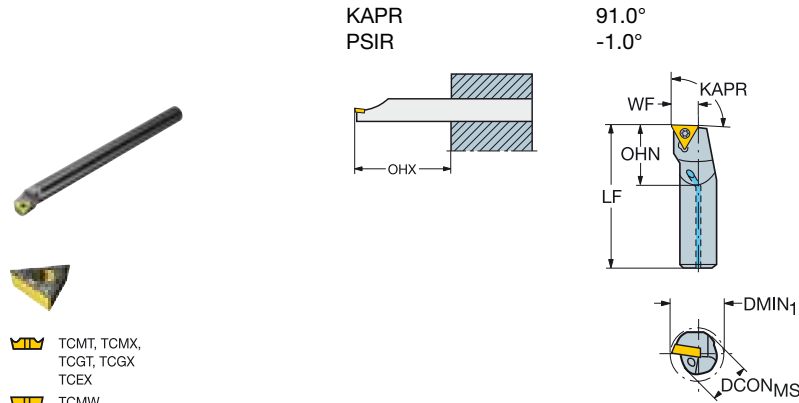


H5

CoroTurn® 107 boring bar for turning

Screw clamp design
Cylindrical with groove for EasyFix sleeve - Internal coolant supply

B



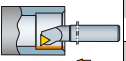
C

- TCMT, TCMX, TCGT, TCGX, TCEX
- TCMW

Metric version

								Dimensions, mm							
															
	CZC _{MS}	DMIN ₁	OHX	OHN	CNSC	Ordering code	DCON _{MS}	BD	LF	WF				MIID	
	06	6	8.5	24.0	9.0	1	A06F-STFCR/L 06-R	6.0	6.0	80.0	4.5	10	0.6	0.03	TCMT 06 T1 02
	8	11.0	32.0	12.0	1	A08H-STFCR/L 06-R	8.0	8.0	100.0	5.9	10	0.6	0.05	TCMT 06 T1 02	
	09	10	13.0	40.0	15.0	1	A10K-STFCR/L 09-R	10.0	10.0	125.0	7.0	10	0.9	0.08	TCMT 09 02 04
	12	16.0	48.0	18.0	1	A12M-STFCR/L 09-R	12.0	12.0	150.0	9.0	10	0.9	0.12	TCMT 09 02 04	
	11	12	16.0	48.0	18.0	1	A12M-STFCR/L 11-RB1	12.0	12.0	150.0	9.0	10	0.9	0.13	TCMT 11 03 04
	16	20.0	64.0	24.0	1	A16R-STFCR/L 11-RB1	16.0	16.0	200.0	11.0	10	0.9	0.30	TCMT 11 03 04	
	20	25.0	80.0	30.0	1	A20S-STFCR/L 11-RB1	20.0	20.0	250.0	13.0	10	0.9	0.57	TCMT 11 03 04	
	25	32.0	100.0	37.5	1	A25T-STFCR 11-RB1	25.0	25.0	300.0	17.0	10	0.9	1.02	TCMT 11 03 04	

Inch version

								Dimensions, inch							
		CZC _{MS}	DMIN ₁	OHX	OHN	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID	
	5/32	1/4	.343	1.000	.375	1	A04F-STFCR/L 1.2-R	.250	3.250	.172	145	0.4	0.066	TCMT 1.2(1.2)0	
	5/16	.413	1.250	.469	1		A05H-STFCR/L 1.2-R	.313	4.000	.219	145	0.4	0.106	TCMT 1.2(1.2)0	
	7/32	3/8	.500	1.500	.563	1	A06M-STFCR 1.8-R	.375	6.000	.266	145	0.7	0.194	TCMT 1.8(1.5)1	
		1/2	.642	2.000	.750	1	A08M-STFCR 1.8-R	.500	6.000	.344	145	0.7	0.328	TCMT 1.8(1.5)1	
	1/4	3/8	.500	1.500	.563	1	A06M-STFCR/L 2-RB1	.375	6.000	.250	145	0.7	0.192	TCMT 221	
		1/2	.598	2.000	.750	1	A08M-STFCR/L 2-RB1	.500	6.000	.312	145	0.7	0.267	TCMT 221	
		5/8	.772	2.500	.938	1	A10R-STFCR/L 2-RB1	.625	8.000	.406	145	0.7	0.573	TCMT 221	

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 = 1/8"). R = Right hand, L = Left hand

F

Metric version

		Spare parts
	CZC _{MS}	Insert screw
06	6	5513 020-28
06	8	5513 020-27
09	10-12	5513 020-05
11	12-25	5513 020-03

G

Inch version

		Spare parts
	CZC _{MS}	Insert screw
5/32	1/4	5513 020-28
5/32	5/16	5513 020-27
7/32	3/8-1/2	5513 020-05
1/4	3/8-3/4	5513 020-03

For the complete list of spare parts, visit www.sandvik.coromant.com

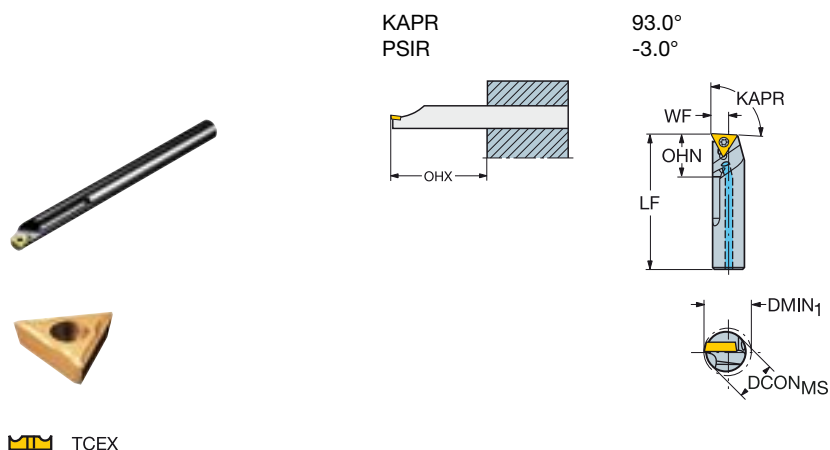
H

A41
 F2
 G1
 H37
 H12
 H5

CoroTurn® 107 boring bar for turning

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply



Metric version

							Ordering code	Dimensions, mm							MIID
								DCON _{MS}	BD	LF	WF	BAR	NM	KG	
	05	5	6.0	20.0	7.5	1	A05F-STUCR/L 05-GR	5.0	5.0	80.0	2.9	10	0.4	0.02	TCEX 05 01 00R-F
		6	7.0	24.0	9.0	1	A06F-STUCR/L 05-GR	6.0	6.0	80.0	3.2	10	0.4	0.03	TCEX 05 01 00R-F
	06	8	9.0	32.0	12.0	1	A08H-STUCR/L 06-GR	8.0	8.0	100.0	4.2	10	0.6	0.05	TCEX 06 T1 00R-F
		10	11.0	40.0	15.0	1	A10K-STUCR/L 06-GR	10.0	10.0	125.0	5.2	10	0.6	0.08	TCEX 06 T1 00R-F

The right hand (R) boring bar uses left hand (L) TCEX- inserts and vice versa.

R = Right hand, L = Left hand

Spare parts		
	CZC _{MS}	Insert screw
05	5-6	5513 020-53
06	8	5513 020-44
06	10	5513 020-28

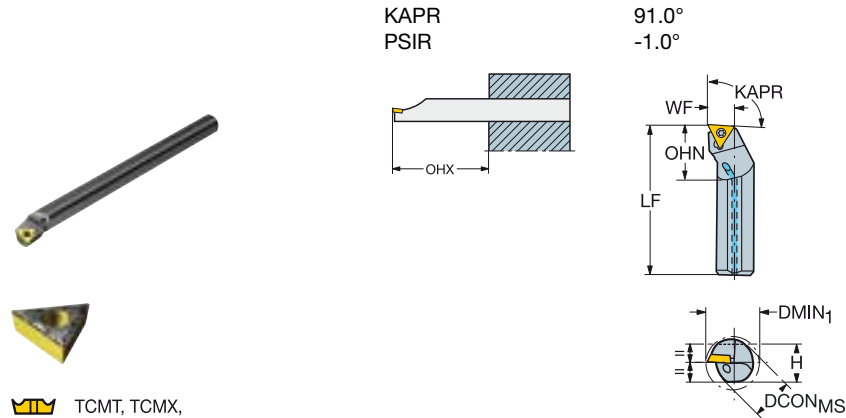
For the complete list of spare parts, visit www.sandvik.coromant.com



CoroTurn® 107 boring bar for turning

Screw clamp design
Cylindrical with flats - Internal coolant supply

B

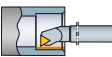


C

- TCMT, TCMX, TCGT, TCGX, TCEX
- TCMW

Metric version

D

							Ordering code	Dimensions, mm							MIID	
		CZC _{MS}	DMIN ₁	OHX	OHN	CNSC		DCON _{MS}	H	BD	LF	WF				
	06	6	8.5	24.0	9.0	1	A06F-STFCR/L 06	6.0	5.0	6.0	80.0	4.5	10	0.6	0.03	TCMT 06 T1 02
	8	11.0	32.0	12.0	1	A08H-STFCR/L 06	8.0	7.0	8.0	100.0	5.9	10	0.6	0.05	TCMT 06 T1 02	
	09	10	13.0	40.0	15.0	1	A10K-STFCR/L 09	10.0	9.0	10.0	125.0	7.0	10	0.9	0.08	TCMT 09 02 04
	12	16.0	48.0	18.0	1	A12M-STFCR/L 09	12.0	11.0	12.0	150.0	9.0	10	0.9	0.13	TCMT 09 02 04	
	11	12	16.0	48.0	18.0	1	A12M-STFCR/L 11	12.0	11.0	12.0	150.0	9.0	10	0.9	0.13	TCMT 11 02 04
	12	16.0	48.0	18.0	1	A12M-STFCR/L 11-B1	12.0	11.0	12.0	150.0	9.0	10	0.9	0.13	TCMT 11 03 04	
	16	20.0	64.0	24.0	1	A16R-STFCR/L 11	16.0	15.0	16.0	200.0	11.0	10	0.9	0.28	TCMT 11 02 04	
	16	20.0	64.0	24.0	1	A16R-STFCR/L 11-B1	16.0	15.0	16.0	200.0	11.0	10	0.9	0.29	TCMT 11 03 04	
	20	25.0	80.0	30.0	1	A20S-STFCR/L 11	20.0	18.0	20.0	250.0	13.0	10	0.9	0.53	TCMT 11 02 04	
	20	25.0	80.0	30.0	1	A20S-STFCR/L 11-B1	20.0	18.0	20.0	250.0	13.0	10	0.9	0.53	TCMT 11 03 04	
	16	25	32.0	100.0	37.5	1	A25T-STFCR/L 16	25.0	23.0	25.0	300.0	17.0	10	3.0	0.88	TCMT 16 T3 08
	32	40.0	128.0	48.0	1	A32T-STFCR/L 16	32.0	30.0	32.0	300.0	22.0	10	3.0	1.67	TCMT 16 T3 08	
	40	50.0	160.0	60.0	1	A40T-STFCR/L 16	40.0	37.0	40.0	300.0	27.0	10	3.0	2.44	TCMT 16 T3 08	

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 = 1/8"). R = Right hand, L = Left hand

F

Spare parts				
	CZC _{MS}	Insert screw	Shim	Shim screw
06	6	5513 020-28		
06	8	5513 020-27		
09	10-12	5513 020-05		
11	12-20	5513 020-03		
16	25	5513 020-10		
16	32-40	5513 020-01	5322 320-01	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



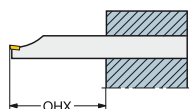
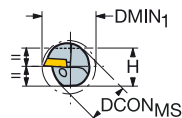
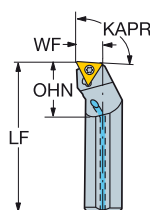
CoroTurn® 107 boring bar for turning

Screw clamp design

Cylindrical with flats - Internal coolant supply



TCMT, TCMX,
TCGT, TCGX
TCEX
TCMW

KAPR
PSIR91.0°
-1.0°

Inch version

	IC	CZC _{MS}	DMIN ₁	OHX	OHN	CNSC	Ordering code	Dimensions, inch							MIID
								DCON _{MS}	H	LF	WF	PSI	FT/LBS	LBS	
	5/32	1/4	.343	1.000	.375	1	A04F-STFCR/L 1.2	.250	.210	3.250	.172	145	0.4	0.062	TCMT 1.2(1.2)0
		5/16	.413	1.250	.469	1	A05H-STFCR 1.2	.313	.272	4.000	.219	145	0.4	0.088	TCMT 1.2(1.2)0
	7/32	1/2	.642	2.000	.750	1	A08M-STFCR 1.8	.500	.460	6.000	.344	145	0.7	0.315	TCMT 1.8(1.5)1
	1/4	3/8	.500	1.500	.563	1	A06M-STFCR 2-B1	.375	.336	6.000	.250	145	0.7	0.179	TCMT 221
		3/8	.500	1.500	.563	1	A06M-STFCR/L 2	.375	.336	6.000	.250	145	0.7	0.179	TCMT 2(1.5)1
		1/2	.598	2.000	.750	1	A08M-STFCR/L 2	.500	.460	6.000	.312	145	0.7	0.315	TCMT 2(1.5)1
		1/2	.598	2.000	.750	1	A08M-STFCR/L 2-B1	.500	.460	6.000	.312	145	0.7	0.313	TCMT 221
		5/8	.772	2.500	.960	1	A10R-STFCR/L 2	.625	.562	8.000	.406	145	0.7	0.600	TCMT 2(1.5)1
		5/8	.772	2.500	.960	1	A10R-STFCR/L 2-B1	.625	.562	8.000	.406	145	0.7	0.621	TCMT 221
		3/4	.929	3.000	1.420	1	A12S-STFCR/L 2	.750	.709	10.000	.500	145	0.7	1.135	TCMT 2(1.5)1
		3/4	.929	3.000	1.420	1	A12S-STFCR/L 2-B1	.750	.709	10.000	.500	145	0.7	1.134	TCMT 221
	3/8	1	1.201	4.000	1.500	1	A16T-STFCR/L 3	1.000	.906	12.000	.640	145	2.2	2.264	TCMT 3(2.5)2
		1 1/4	1.469	5.000	1.875	1	A20T-STFCR/L 3	1.250	1.181	12.000	.765	145	2.2	3.772	TCMT 3(2.5)2
		1 1/2	1.760	6.000	2.250	1	A24T-STFCR/L 3	1.500	1.374	12.000	.890	145	2.2	5.146	TCMT 3(2.5)2

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 = 1/8").

R = Right hand, L = Left hand

Spare parts				
IC	CZC _{MS}	Insert screw	Shim	Shim screw
5/32	1/4	5513 020-28		
5/32	5/16	5513 020-27		
7/32	1/2	5513 020-05		
1/4	3/8-3/4	5513 020-03		
3/8	1	5513 020-10		
3/8	1 1/4-1 1/2	5513 020-01	5322 320-01	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A41



F2



G1



H37



H12

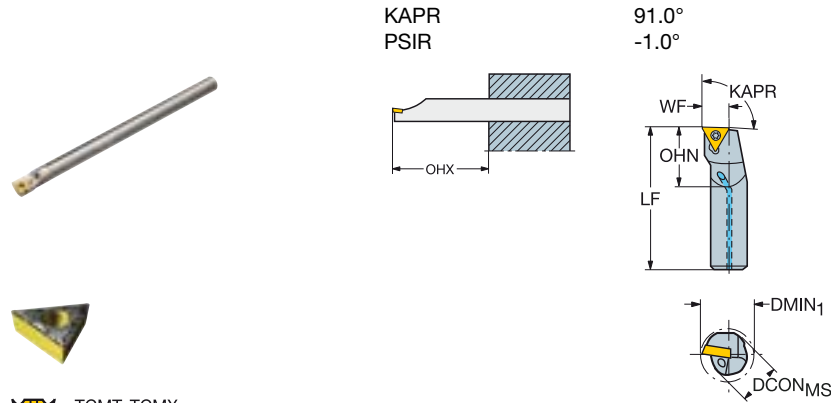


H5

CoroTurn® 107 boring bar for turning

Screw clamp design
Cylindrical with flats - Internal coolant supply

B



C

- TCMT, TCMX, TCGT, TCGX, TCEX
- TCMW

Inch version

D

								Dimensions, inch							MIID
	IC	CZC _{MS}	DMIN ₁	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	LF	WF	PSI	FT/LBS	LBS	
	1/4	3/8	.500	2.250	.938	1	C06M-STFCR/L-2C	.375	.340	6.000	.250	145	0.7	0.276	TCMT 2(1.5)1
		1/2	.624	3.000	1.250	1	C08R-STFCR/L-2C	.500	.484	8.000	.312	145	0.7	0.714	TCMT 2(1.5)1
		5/8	.812	3.750	1.563	1	C10R-STFCR-2C	.625	.609	8.000	.406	145	0.7	1.058	TCMT 2(1.5)1
		3/4	1.000	4.500	1.875	1	C12S-STFCR-2C	.750	.734	10.000	.500	145	0.7	1.896	TCMT 2(1.5)1

R = Right hand, L = Left hand

E

Spare parts		
	IC	Insert screw
11	1/4	5513 020-03

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H

A1

F2

G1

H37

H12

H5

CoroTurn® 107 boring bar for turning

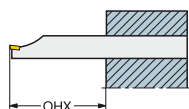
Screw clamp design

Cylindrical with groove for EasyFix sleeve - Precision coolant supply

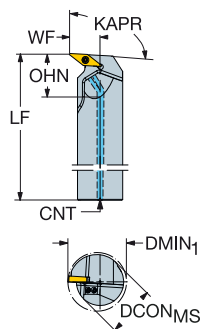


VBMT, VBGT
VCGX, VCEX,
VCGT, VCET
VBMW, VCMW

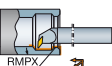
KAPR
PSIR



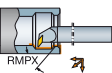
93.0°
-3.0°



Metric version

									Dimensions, mm										
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	BD	LF	WF	CNT				MIID		
	16	25	33.0	50°	100.0	32.5	1	A25T-SVUBR/L 16HP-DR	25.0	25.0	300.0	18.0	G 1/8-28	275	3.0	1.04	VBMT 16 04 08		

Inch version

								Dimensions, inch											
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	LF	WF	CNT				MIID			
	1/4	1	1.240	50°	4.000	.965	1	A16T-SVUBR 2HP-DRB1	1.000	12.000	.680	G 1/8-28	3988	0.7	1.984	VBMT 221			

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 = 1/8").

R = Right hand, L = Left hand

Spare parts			
		Insert screw	Nozzle
11	1/4	5513 020-20	5691 026-13
16	3/8	5513 020-10	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com



A41



F2



G1



H37



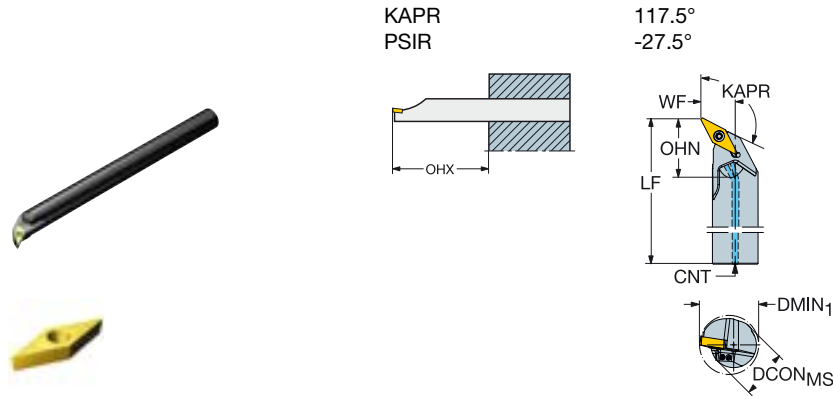
H12



H5

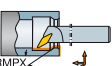
CoroTurn® 107 boring bar for turning

Screw clamp design
Cylindrical with groove for EasyFix sleeve - Precision coolant supply



- VBMT, VBGT, VCGX, VCEX, VCGT, VCET
- VBMW, VCMW

Metric version

									Dimensions, mm								
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	BD	LF	WF	CNT				MIID
	16	25	32.0	30°	100.0	31.4	1	A25T-SVPBR/L 16HP-R	25.0	25.0	300.0	17.0	G 1/8-28	275	3.0	1.02	VBMT 16 04 08

Inch version

								Dimensions, inch								
		CZC _{MIS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MIS}	LF	WF	CNT				MIID
	3/8	1	1.299	30°	4.000	1.287	1	A16T-SVPBR/L 3HP-R	1.000	12.000	.750	G 1/8-28	3988	2.2	1.984	VBMT 332

R = Right hand, L = Left hand

Spare parts	
Insert screw	Nozzle
5513 020-10	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com



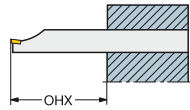
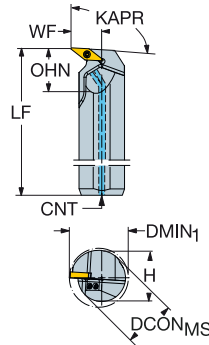
CoroTurn® 107 boring bar for turning

Screw clamp design

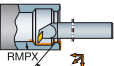
Cylindrical with flats - Precision coolant supply



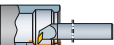
VBMT, VBGT
VCGX, VCEX,
VCGT, VCET
VBMW, VCMW

KAPR
PSIR93.0°
-3.0°

Metric version

								Ordering code	Dimensions, mm													MIID
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC		DCON _{MS}	H	BD	LF	WF	CNT								
	11	25	33.0	50°	100.0	26.7	1		A25T-SVUBR 11HP-DB1	25.0	23.0	25.0	300.0	18.0	G 1/8-28	275	0.9	0.96				
	16	25	33.0	50°	100.0	33.0	1	A25T-SVUBR/L 16HP-D	25.0	23.0	25.0	300.0	18.0	G 1/8-28	275	3.0	0.96	VBMT 11 03 04				
																		VBMT 16 04 08				

Inch version

								Ordering code	Dimensions, inch										MIID
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC		DCON _{MS}	H	LF	WF	CNT						
	1/4	1	1.240	50°	4.000	.980	1		A16T-SVUBR/L 2HP-DB1	1.000	.910	12.000	.680	G 1/8-28	3988	0.7	2.291		
	3/4	1.012	50°	3.000	.906	1	A12S-SVUBR/L 2HP-EB1	.750	.710	10.000	.580	G 1/8-28	3988	0.7	1.060		VBMT 221		

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 = 1/8").

R = Right hand, L = Left hand

Spare parts			
		Insert screw	Nozzle
11	1/4	5513 020-20	5691 026-13
16	3/8	5513 020-10	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A41



F2



G1



H37



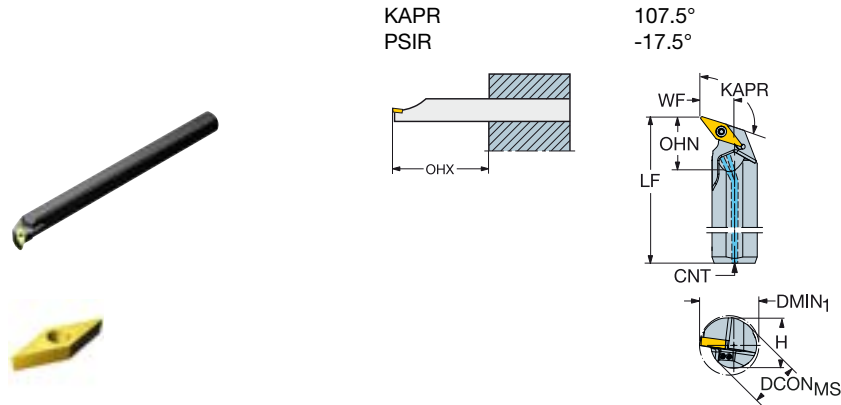
H12



H5

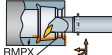
CoroTurn® 107 boring bar for turning

Screw clamp design
Cylindrical with flats - Precision coolant supply



- VBMT, VBG T
VCGX, VCEX,
VCGT, VCET
- VBMW, VCMW

Metric version

								Dimensions, mm											
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	BD	LF	WF	CNT				MID	
	16	25	33.0	35°	100.0	32.8	1	A25T-SVQBR/L 16HP-D	25.0	23.0	25.0	300.0	18.0	G 1/8-28	275	3.0	0.95	VBMT 16 04 08	

R = Right hand, L = Left hand

Spare parts	
Insert screw	Nozzle
5513 020-10	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com



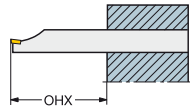
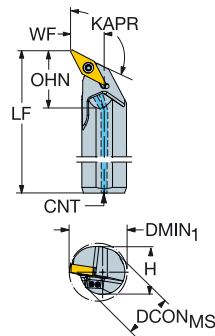
CoroTurn® 107 boring bar for turning

Screw clamp design

Cylindrical with flats - Precision coolant supply



VBMT, VBG
VCGX, VCEX,
VCGT, VCET
VBMW, VCMW

KAPR
PSIR117.5°
-27.5°

Metric version

										Dimensions, mm											
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code		DCON _{MS}	H	BD	LF	WF	CNT	BAR	NM	KG	MIID		
	16	25	32.0	30°	100.0	31.0	1	A25T-SVPBR/L 16HP		25.0	23.0	25.0	300.0	17.0	G 1/8-28	275	3.0	0.94	VBMT 16 04 08		

Inch version

										Dimensions, inch											
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code		DCON _{MS}	H	LF	WF	CNT		PSI	FT/LBS	LBS	MIID		
	3/8	1	1.299	30°	4.000	1.276	1	A16T-SVPBR/L 3HP		1.000	.906	12.000	.750	G 1/8-28	3988	2.2	2.244		VBMT 332		

R = Right hand, L = Left hand

Spare parts	
Insert screw	Nozzle
5513 020-10	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A41



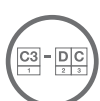
F2



G1



H37

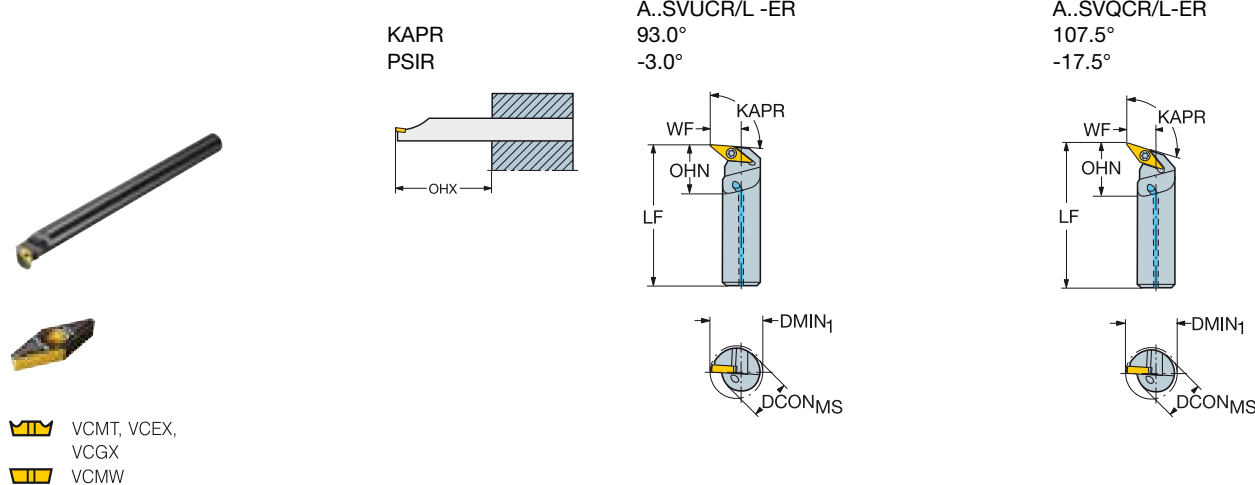


H12



H5

Cylindrical with groove for EasyFix sleeve - Internal coolant supply



Metric version

[illegible]

Inch version

[illegible]

R = Right hand, L = Left hand

Spare parts
Insert screw
5513 020-03

For the complete list of spare parts, visit www.sandvik.coromant.com



CoroTurn® 107 boring bar for turning

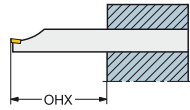
Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply

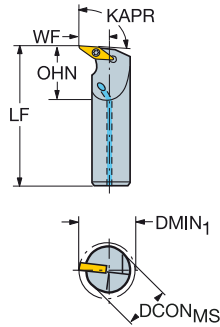


VBMT, VBGT
VCGX, VCEX,
VCGT, VCET
VBMW, VCMW

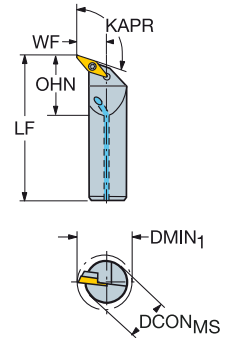
KAPR
PSIR



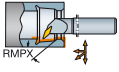
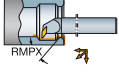
A..SVUBR/L -ER
93.0°
-3.0°



A..SVQBR/L -R
107.5°
-17.5°



Metric version

									Dimensions, mm							
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	BD	LF	WF				MIID
	11	20	27.0	35°	80.0	30.0	1	A20S-SVQBR/L 11-ERB1	20.0	20.0	250.0	15.0	10	0.9	0.58	VBMT 11 03 04
	11	16	22.0	50°	64.0	24.0	1	A16R-SVUBR/L 11-ERB1	16.0	16.0	200.0	13.0	10	0.9	0.30	VBMT 11 03 04
		20	27.0	50°	80.0	30.0	1	A20S-SVUBR/L 11-ERB1	20.0	20.0	250.0	15.0	10	0.9	0.58	VBMT 11 03 04

Inch version

								Dimensions, inch							MIID
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	LF	WF	PSI	FT/LBS	LBS	
	1/4	5/8	.850	50°	2.500	.938	1	A10R-SVUBR/L 2-ERB1	.625	8.000	.486	145	0.7	0.657	VBMT 221
		3/4	1.012	50°	3.000	1.125	1	A12S-SVUBR/L 2-ERB1	.750	10.000	.580	145	0.7	1.186	VBMT 221

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 = 1/8").

R = Right hand, L = Left hand

Spare parts

Insert screw
5513 020-20

For the complete list of spare parts, visit www.sandvik.coromant.com



A41



F2



G1



H37

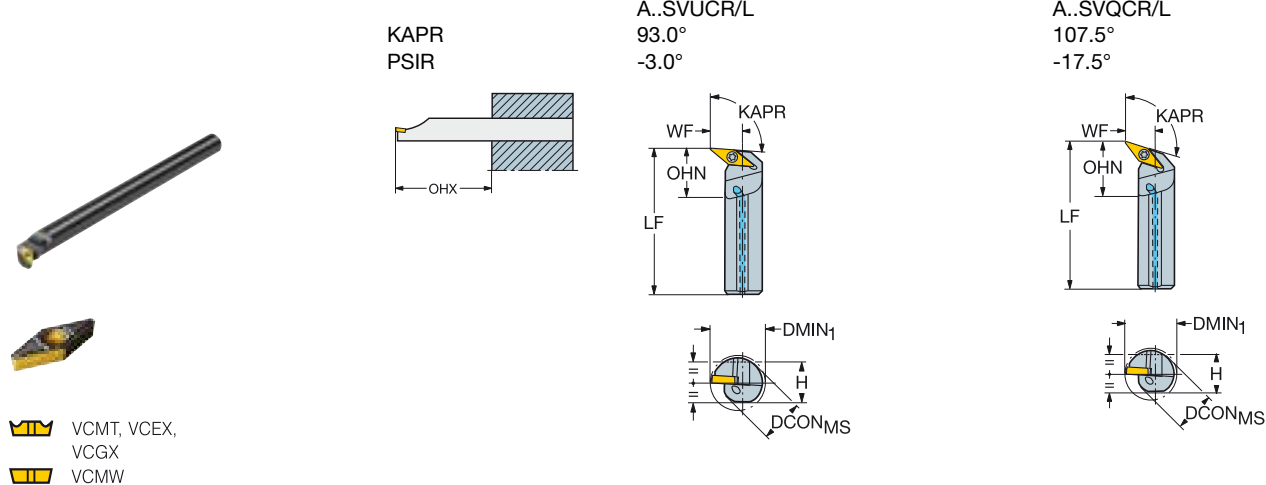


H12



H5

Cylindrical with flats - Internal coolant supply



Metric version

[illegible]

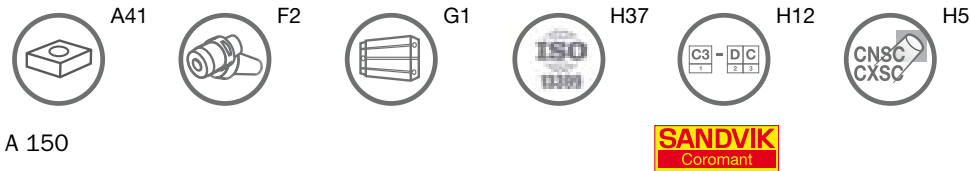
Inch version

[illegible]

R = Right hand, L = Left hand

Spare parts
Insert screw
5513 020-03

For the complete list of spare parts, visit www.sandvik.coromant.com



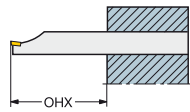
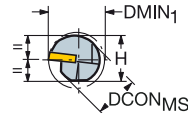
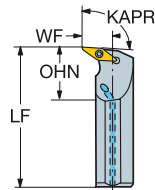
CoroTurn® 107 boring bar for turning

Screw clamp design

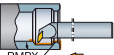
Cylindrical with flats - Internal coolant supply



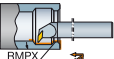
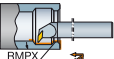
VBMT, VBGT
VCGX, VCEX,
VCGT, VCET
VBMW, VCMW

KAPR
PSIR93.0°
-3.0°

Metric version

								Dimensions, mm												
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	BD	LF	WF				MIID			
	11	16	22.0	50°	64.0	24.0	1	A16R-SVUBR/L 11-E	16.0	15.0	16.0	200.0	13.0	10	0.9	0.29	VBMT 11 02 04			
		16	22.0	50°	64.0	24.0	1	A16R-SVUBR/L 11-EB1	16.0	15.0	16.0	200.0	13.0	10	0.9	0.28	VBMT 11 03 04			
		20	27.0	50°	80.0	30.0	1	A20S-SVUBR/L 11-E	20.0	18.0	20.0	250.0	15.0	10	0.9	0.54	VBMT 11 02 04			
		20	27.0	50°	80.0	30.0	1	A20S-SVUBR/L 11-EB1	20.0	18.0	20.0	250.0	15.0	10	0.9	0.58	VBMT 11 03 04			
		25	33.0	50°	100.0	37.5	1	A25T-SVUBR/L 11-D	25.0	23.0	25.0	300.0	18.0	10	0.9	0.96	VBMT 11 02 04			
		25	33.0	50°	100.0	37.5	1	A25T-SVUBR/L 11-DB1	25.0	23.0	25.0	300.0	18.0	10	0.9	0.96	VBMT 11 03 04			
	16	25	33.0	50°	100.0	37.5	1	A25T-SVUBR/L 16-D	25.0	23.0	25.0	300.0	18.0	10	3.0	0.96	VBMT 16 04 08			
		32	40.0	50°	128.0	48.0	1	A32T-SVUBR/L 16	32.0	30.0	32.0	300.0	22.0	10	3.0	1.50	VBMT 16 04 08			
		40	50.0	50°	160.0	60.0	1	A40T-SVUBR/L 16	40.0	37.0	40.0	300.0	27.0	10	3.0	2.54	VBMT 16 04 08			

Inch version

								Dimensions, inch								
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	LF	WF				MIID
	1/4	5/8	.850	50°	2.500	.938	1	A10R-SVUBR/L 2-E	.625	.560	8.000	.486	145	0.7	0.617	VBMT 2(1.5)1
		5/8	.850	50°	2.500	.938	1	A10R-SVUBR/L 2-EB1	.625	.560	8.000	.486	145	0.7	0.622	VBMT 221
		3/4	1.012	50°	3.000	1.180	1	A12S-SVUBR/L 2-E	.750	.710	10.000	.580	145	0.7	1.164	VBMT 2(1.5)1
		1	1.240	50°	4.000	1.500	1	A16T-SVUBR/L 2-D	1.000	.910	12.000	.680	145	0.7	2.271	VBMT 2(1.5)1
	3/8	1 1/4	1.705	50°	5.000	1.875	1	A20T-SVUBR/L 3	1.250	1.181	12.000	1.000	145	2.2	3.704	VBMT 332
		1 1/2	2.126	50°	6.000	2.250	1	A24T-SVUBR/L 3	1.500	1.374	12.000	1.125	145	2.2	5.115	VBMT 332
		2	2.551	50°	8.000	3.000	1	A32U-SVUBR/L 3	2.000	1.874	14.000	1.375	145	2.2	11.133	VBMT 332

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 = 1/8").

R = Right hand, L = Left hand

Metric version

Spare parts				
	CZC _{MS}	Insert screw	Shim	Shim screw
11	16-25	5513 020-20		
16	25	5513 020-10		
16	32-40	5513 020-01	5322 270-01	5512 090-01

Inch version

Spare parts				
	CZC _{MS}	Insert screw	Shim	Shim screw
1/4	5/8	5513 020-20		
1/4	3/4-1	5513 020-03		
3/8	1 1/4-2	5513 020-01	5322 270-01	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A41



F2



G1



H37



H12

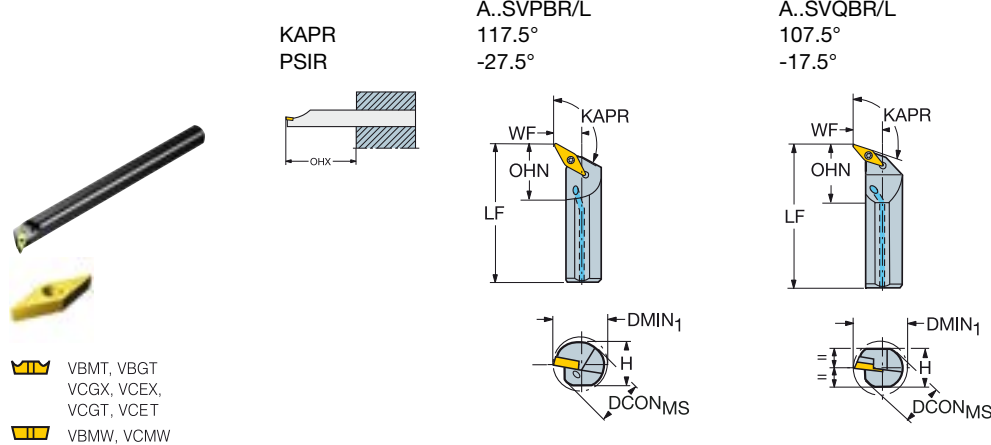


H5

CoroTurn® 107 boring bar for turning

Screw clamp design
Cylindrical with flats - Internal coolant supply

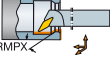
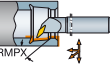
B



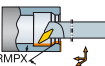
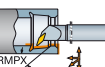
C

- VBMT, VBGT
- VCGX, VCEX,
- VCGT, VCET
- VBMT, VCMW

Metric version

									Dimensions, mm									
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNCS	Ordering code	DCON _{MS}	H	BD	LF	WF				MIID	
	16	25	32.0	25°	100.0	37.5	1	A25T-SVPBR/L 16	25.0	23.0	25.0	300.0	17.0	10	3.0	0.94	VBMT 16 04 08	
		32	40.0	25°	128.0	48.0	1	A32T-SVPBR/L 16	32.0	30.0	32.0	300.0	22.0	10	3.0	1.65	VBMT 16 04 08	
		40	50.0	25°	160.0	60.0	1	A40T-SVPBR/L 16	40.0	37.0	40.0	300.0	27.0	10	3.0	2.45	VBMT 16 04 08	
	11	16	22.0	35°	64.0	24.0	1	A16R-SVQBR/L 11-E	16.0	15.0	16.0	200.0	13.0	10	0.9	0.28	VBMT 11 02 04	
		16	22.0	35°	64.0	24.0	1	A16R-SVQBR/L 11-EB1	16.0	15.0	16.0	200.0	13.0	10	0.9	0.30	VBMT 11 03 04	
		20	27.0	35°	80.0	30.0	1	A20S-SVQBR/L 11-E	20.0	18.0	20.0	250.0	15.0	10	0.9	0.54	VBMT 11 02 04	
		20	27.0	35°	80.0	30.0	1	A20S-SVQBR/L 11-EB1	20.0	18.0	20.0	250.0	15.0	10	0.9	0.54	VBMT 11 03 04	
		25	33.0	35°	100.0	37.5	1	A25T-SVQBR/L 11-D	25.0	23.0	25.0	300.0	18.0	10	0.9	0.95	VBMT 11 02 04	
		25	33.0	35°	100.0	37.5	1	A25T-SVQBR/L 11-DB1	25.0	23.0	25.0	300.0	18.0	10	0.9	0.94	VBMT 11 03 04	
		16	25	33.0	35°	100.0	37.5	1	A25T-SVQBR/L 16-D	25.0	23.0	25.0	300.0	18.0	10	3.0	0.95	VBMT 16 04 08
		32	40.0	35°	128.0	48.0	1	A32T-SVQBR/L 16	32.0	30.0	32.0	300.0	22.0	10	3.0	1.66	VBMT 16 04 08	
		40	50.0	35°	160.0	60.0	1	A40T-SVQBR/L 16	40.0	37.0	40.0	300.0	27.0	10	3.0	2.51	VBMT 16 04 08	

Inch version

		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNCS	Ordering code	Dimensions, inch							MIID
									DCON _{MS}	H	LF	WF	PSI	FT/LBS	LBS	
	3/8	1 1/4	1.579	25°	5.000	1.875	1	A20T-SVPBR/L 3	1.250	1.181	12.000	.875	145	2.2	3.660	VBMT 332
		1 1/2	1.941	25°	6.000	2.250	1	A24T-SVPBR/L 3	1.500	1.374	12.000	1.063	145	2.2	5.115	VBMT 332
	3/8	1	1.299	35°	4.000	1.500	1	A16T-SVQBR/L 3-D	1.000	.906	12.000	.750	145	2.2	2.267	VBMT 332
		1 1/4	1.579	35°	5.000	1.875	1	A20T-SVQBR/L 3	1.250	1.181	12.000	.875	145	2.2	3.781	VBMT 332
		1 1/2	1.941	35°	6.000	2.250	1	A24T-SVQBR 3	1.500	1.374	12.000	1.063	145	2.2	5.137	VBMT 332

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 = 1/8").

R = Right hand, L = Left hand

G

Spare parts					
			Insert screw	Shim	Shim screw
11	1/4	16-25	5513 020-20		
16	3/8	1	5513 020-10		
16	3/8	1 1/4-1 1/2	5513 020-01	5322 270-01	5512 090-01
16	3/8	25	5513 020-10		
16	3/8	32-40	5513 020-01	5322 270-01	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com

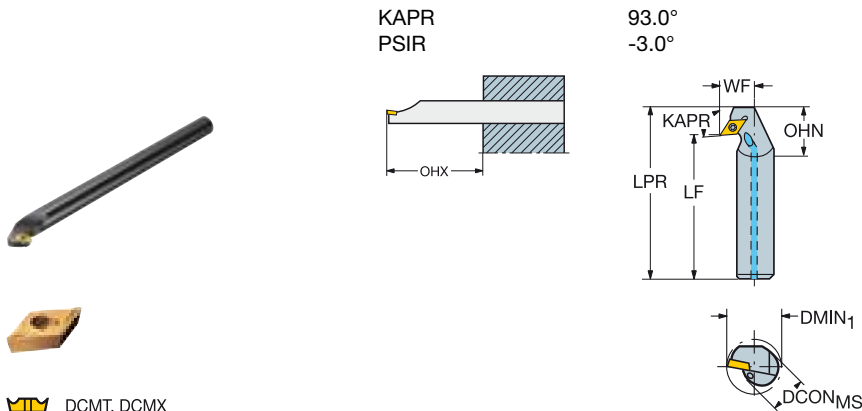
H



CoroTurn® 107 boring bar for back boring

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply

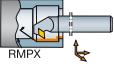


DCMT, DCMX
DCGT, DCGX, DCET
DCMW

Metric version

								Dimensions, mm									
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	BD	LPR	LF	WF	BAR	NM	KG	MIID
	07	16	22.0	27°	64.0	24.0	1	A16R-SDUCR/L 07-ERX	16.0	16.0	212.9	200.0	13.0	10	0.9	0.31	DCMT 07 02 04
		20	27.0	27°	80.0	30.0	1	A20S-SDUCR/L 07-ERX	20.0	20.0	262.9	250.0	15.0	10	0.9	0.60	DCMT 07 02 04

Inch version

								Dimensions, inch								
 RMPX		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	LPR	LF	WF				MIID
	1/4	3/4	1.051	27°	3.000	1.125	1	A12S-SDUCR/L 2-ERX	.750	10.480	10.000	.625	145	0.7	1.252	DCMT 2(1.5)1

R = Right hand, L = Left hand

Spare parts
Insert screw 5513 020-03

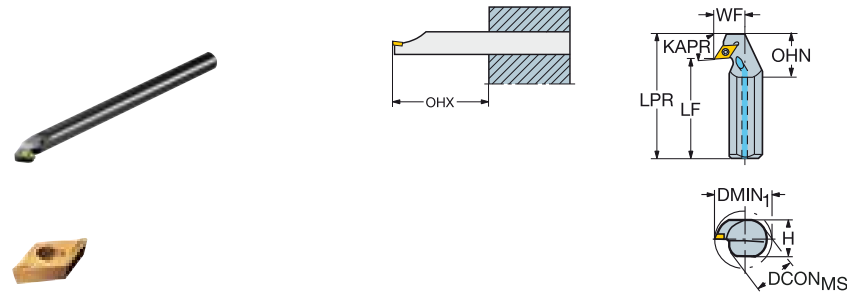
For the complete list of spare parts, visit www.sandvik.coromant.com



CoroTurn® 107 boring bar for back boring

Screw clamp design
Cylindrical with flats - Internal coolant supply

B



C

- DCMT, DCMX
- DCGT, DCGX, DCET
- DCMW

Metric version

D

								Ordering code	Dimensions, mm										MIID
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC		DCON _{MS}	H	BD	LPR	LF	WF					
	07	16	22.0	27°	64.0	24.0	1	A16R-SDUCR/L 07-EX	16.0	15.0	16.0	212.2	200.0	13.0	10	0.9	0.31	DCMT 07 02 04	
		20	27.0	27°	80.0	30.0	1	A20S-SDUCR/L 07-EX	20.0	18.0	20.0	262.2	250.0	15.0	10	0.9	0.56	DCMT 07 02 04	
		25	33.0	27°	100.0	37.5	1	A25T-SDUCR/L 07-DX	25.0	23.0	25.0	312.2	300.0	18.0	10	0.9	0.92	DCMT 07 02 04	
	11	32	40.0	27°	128.0	48.0	1	A32T-SDUCR/L 11-X	32.0	30.0	32.0	316.7	300.0	22.0	10	3.0	1.76	DCMT 11 T3 08	

Inch version

E

Dimensions, inch																	MIID
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	LPR	LF	WF	PSI	FT/LBS	LBS	
	1/4	3/4	1.051	27°	3.000	1.125	1	A12S-SDUCR/L 2-EX	.750	.709	10.480	10.000	.625	145	0.7	0.926	DCMT 2(1.5)1
		1	1.299	27°	4.000	1.500	1	A16T-SDUCR/L 2-DX	1.000	.906	12.480	12.000	.750	145	0.7	2.249	DCMT 2(1.5)1
	3/8	1 1/4	1.579	27°	5.000	1.875	1	A20T-SDUCR/L 3-X	1.250	1.181	12.658	12.000	.875	145	2.2	3.880	DCMT 3(2.5)2

R = Right hand, L = Left hand

F

Spare parts				
		Insert screw	Shim	Shim screw
07	1/4	5513 020-03		
11	3/8	5513 020-01	5322 263-01	5512 090-01

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H

A41

F2

G1

H37

H12

H5

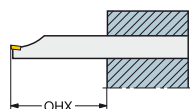
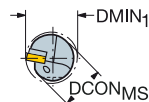
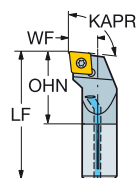
CoroTurn® 107 solid-carbide boring bar for turning

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply



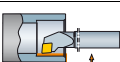
CCMT, CCGT
CCGX, CCET
CCMW

KAPR
PSIR95.0°
-5.0°

Metric version

							Ordering code	Dimensions, mm							MIID
								DCON _{MS}	BD	LF	WF	BAR	NM	KG	
	06	8	10.0	48.0	17.0	1	E08K-SCLCR/L 06-R	8.0	8.0	125.0	5.0	10	0.9	0.09	CCMT 06 02 04
		10	12.0	60.0	21.0	1	E10M-SCLCR/L 06-R	10.0	10.0	150.0	6.0	10	0.9	0.15	CCMT 06 02 04
		12	16.0	72.0	25.0	1	E12Q-SCLCR/L 06-R	12.0	12.0	180.0	9.0	10	0.9	0.26	CCMT 06 02 04
		16	20.0	96.0	33.0	1	E16R-SCLCR/L 06-R	16.0	16.0	200.0	11.0	10	0.9	0.50	CCMT 06 02 04
	09	16	20.0	96.0	33.0	1	E16R-SCLCR/L 09-R	16.0	16.0	200.0	11.0	10	3.0	0.50	CCMT 09 T3 08
		20	25.0	120.0	36.3	1	E20S-SCLCR/L 09-R	20.0	20.0	220.0	13.0	10	3.0	0.86	CCMT 09 T3 08
		25	32.0	150.0	41.3	1	E25T-SCLCR/L 09-R	25.0	25.0	270.0	17.0	10	3.0	1.58	CCMT 09 T3 08

Inch version

								Dimensions, inch							
		CZC _{MS}	DMIN ₁	OHX	OHN	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID	
	1/4	5/16	.413	1.875	.781	1	E05K-SCLCR/L 2-R	.313	5.000	.219	145	0.7	0.198	CCMT 2(1.5)1	
		3/8	.480	2.250	.938	1	E06M-SCLCR/L 2-R	.375	6.000	.250	145	0.7	0.300	CCMT 2(1.5)1	
		1/2	.598	3.000	1.250	1	E08R-SCLCR/L 2-R	.500	8.000	.312	145	0.7	0.756	CCMT 2(1.5)1	
		5/8	.772	3.750	1.563	1	E10R-SCLCR/L 2-R	.625	8.000	.406	145	0.7	1.078	CCMT 2(1.5)1	
	3/8	5/8	.772	3.750	1.563	1	E10R-SCLCR/L 3-R	.625	8.000	.406	145	2.2	1.113	CCMT 3(2.5)2	
		3/4	.929	4.500	1.437	1	E12R-SCLCR/L 3-R	.750	8.752	.500	145	2.2	1.742	CCMT 3(2.5)2	
		1	1.201	6.000	1.547	1	E16S-SCLCR 3-R	1.000	10.752	.640	145	2.2	3.660	CCMT 3(2.5)2	

R = Right hand, L = Left hand

Metric version

Spare parts	
CZC _{MS}	Insert screw
06	8-12
06	16
09	16-20
09	25

Inch version

Spare parts	
CZC _{MS}	Insert screw
1/4	5/16-1/2
1/4	5/8
3/8	5/8-3/4
3/8	1

For the complete list of spare parts, visit www.sandvik.coromant.com

A41



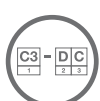
F2



G1



H37



H12

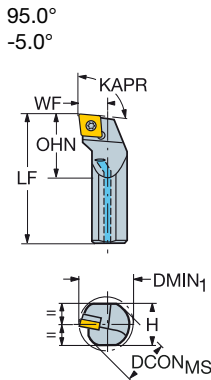
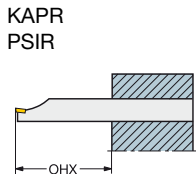


H5

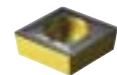
CoroTurn® 107 solid-carbide boring bar for turning

Screw clamp design
Cylindrical with flats - Internal coolant supply

B



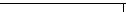
C



CCMT, CCGT
CCGX, CCET
CCMW

Inch version

D

								Dimensions, inch							
		CZC _{MS}	DMIN ₁	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	LF	WF				MIID
	1/4	3/8	.480	2.250	.938	1	E06M-SCLCR/L 2	.375	.359	6.000	.250	145	0.7	0.300	CCMT 2(1.5)1
		1/2	.598	3.000	1.250	1	E08R-SCLCR/L 2	.500	.484	8.000	.312	145	0.7	0.752	CCMT 2(1.5)1
		5/8	.772	3.750	1.563	1	E10R-SCLCR/L 2	.625	.609	8.000	.406	145	0.7	1.078	CCMT 2(1.5)1
	3/8	3/4	.929	4.500	1.875	1	E12S-SCLCR/L 3	.750	.734	10.000	.500	145	2.2	1.984	CCMT 3(2.5)2
		1	1.201	6.000	2.500	1	E16T-SCLCR/L 3	1.000	.984	12.000	.640	145	2.2	3.860	CCMT 3(2.5)2

R = Right hand, L = Left hand

E

			Spare parts
IC	IC	CZC _{MS}	Insert screw
06	1/4	3/8-1/2	5513 020-46
06	1/4	5/8	5513 020-03
09	3/8	3/4	5513 020-09
09	3/8	1	5513 020-10

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

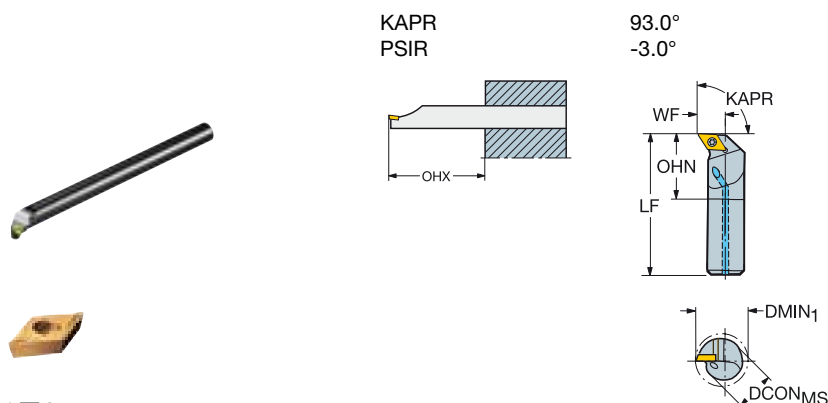
H



CoroTurn® 107 solid-carbide boring bar for turning

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply



DCMT, DCMX
DCGT, DCGX, DCET
DCMW

Metric version

								Dimensions, mm							MIID
	CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	BD	LF	WF	BAR	NM	KG	
	07	10	15.0	27°	60.0	25.0	E10M-SDUCR/L 07-ER	10.0	10.0	150.0	9.0	10	0.9	0.15	DCMT 07 02 04
	12	18.0	27°	72.0	30.0	1	E12Q-SDUCR/L 07-ER	12.0	12.0	180.0	11.0	10	0.9	0.25	DCMT 07 02 04
	16	22.0	27°	96.0	33.3	1	E16R-SDUCR/L 07-ER	16.0	16.0	200.0	13.0	10	0.9	0.48	DCMT 07 02 04
	11	20	25.0	27°	120.0	36.3	E20S-SDUCR/L 11-R	20.0	20.0	220.0	13.0	10	3.0	0.86	DCMT 11 T3 08
	25	32.0	27°	150.0	41.3	1	E25T-SDUCR/L 11-R	25.0	25.0	270.0	17.0	10	3.0	1.58	DCMT 11 T3 08

Inch version

								Dimensions, inch							MIID
	CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	LF	WF	PSI	F7/LBS	LBS		
	3/8	3/4	1.039	27°	4.500	1.437	E12R-SDUCR/L 3-R	.750	8.752	.625	145	2.2	1.808		DCMT 3(2.5)2

R = Right hand, L = Left hand

Metric version

		Spare parts
	CZC _{MS}	Insert screw
	07 10-16	5513 020-03
	11 20	5513 020-09
	11 25	5513 020-10

Inch version

		Spare parts
	CZC _{MS}	Insert screw
3/8	3/4	5513 020-09

For the complete list of spare parts, visit www.sandvik.coromant.com



A11



F2



G1



H37



H12

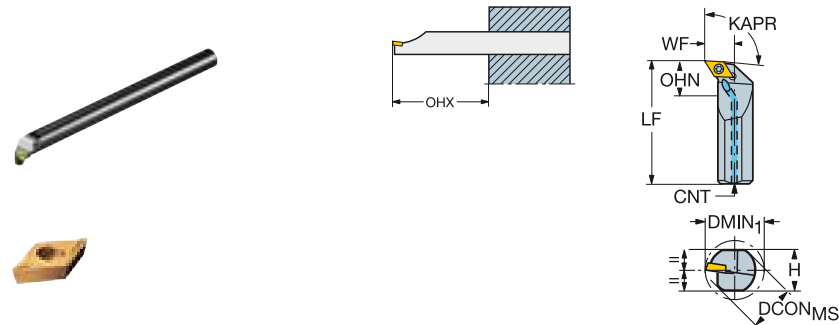


H5

CoroTurn® 107 solid-carbide boring bar for turning

Screw clamp design
Cylindrical with flats - Internal coolant supply

B



C

- DCMT, DCMX
- DCGT, DCGX, DCET
- DCMW

Inch version

D

										Dimensions, inch								
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code		DCON _{MS}	H	LF	WF	PSI	FT/LBS	LBS	MIID	
	1/4	3/8	.598	27°	2.250	.938	1	E06M-SDUCR/L 2		.375	.359	6.000	.375	145	0.7	0.302	DCMT 2(1.5)1	
		1/2	.717	27°	3.000	1.250	1	E08R-SDUCR/L 2		.500	.484	8.000	.438	145	0.7	0.756	DCMT 2(1.5)1	
		5/8	.850	27°	3.750	1.563	1	E10R-SDUCR/L 2		.625	.609	8.000	.500	145	0.7	1.080	DCMT 2(1.5)1	
	3/8	3/4	1.039	27°	4.500	1.875	1	E12S-SDUCR/L 3		.750	.734	10.000	.625	145	2.2	1.982	DCMT 3(2.5)2	
		1	1.299	27°	6.000	2.500	1	E16T-SDUCR/L 3		1.000	.984	12.000	.750	145	2.2	3.660	DCMT 3(2.5)2	

R = Right hand, L = Left hand

E

		Spare parts
	CZC _{MS}	Insert screw
1/4	3/8-5/8	5513 020-03
3/8	3/4	5513 020-09
3/8	1	5513 020-10

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H



CoroTurn® 107 solid-carbide boring bar for turning

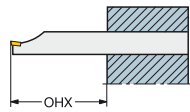
Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply

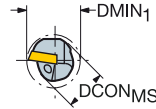
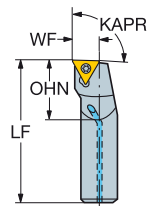


TCMT, TCMX,
TCGT, TCGX
TCEX
TCMW

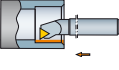
KAPR
PSIR



91.0°
-1.0°



Metric version

								Dimensions, mm										
		CZC _{MS}	DMIN ₁	OHX	OHN	CNSC	Ordering code	DCON _{MS}	BD	LF	WF				MIID			
	06	6	8.5	36.0	15.0	1	E06H-STFCR/L 06-R	6.0	6.0	100.0	4.5	10	0.6	0.05	TCMT 06 T1 02			
		8	11.0	48.0	20.0	1	E08K-STFCR/L 06-R	8.0	8.0	125.0	5.9	10	0.6	0.09	TCMT 06 T1 02			
	09	10	13.0	60.0	25.0	1	E10M-STFCR/L 09-R	10.0	10.0	150.0	7.0	10	0.9	0.15	TCMT 09 02 04			
		12	16.0	72.0	30.0	1	E12Q-STFCR/L 09-R	12.0	12.0	180.0	9.0	10	0.9	0.25	TCMT 09 02 04			
	11	16	20.0	96.0	33.2	1	E16R-STFCR/L 11-R	16.0	16.0	200.0	11.0	10	0.9	0.49	TCMT 11 02 04			
		16	20.0	96.0	40.0	1	E16R-STFCR/L 11-RB1	16.0	16.0	200.0	11.0	10	0.9	0.50	TCMT 11 03 04			
		20	25.0	120.0	36.3	1	E20S-STFCR/L 11-RB1	20.0	20.0	220.0	13.0	10	0.9	0.85	TCMT 11 03 04			
		25	32.0	150.0	41.5	1	E25T-STFCR 11-RB1	25.0	25.0	270.0	17.0	10	0.9	1.58	TCMT 11 03 04			
16	25	32.0	150.0	41.5	1	E25T-STFCR/L 16-R	25.0	25.0	270.0	17.0	10	3.0	1.58	TCMT 16 T3 08				

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 = 1/8").

R = Right hand, L = Left hand

Spare parts	
	Insert screw
06	5513 020-28
06	5513 020-27
09	5513 020-05
11	5513 020-03
16	5513 020-10

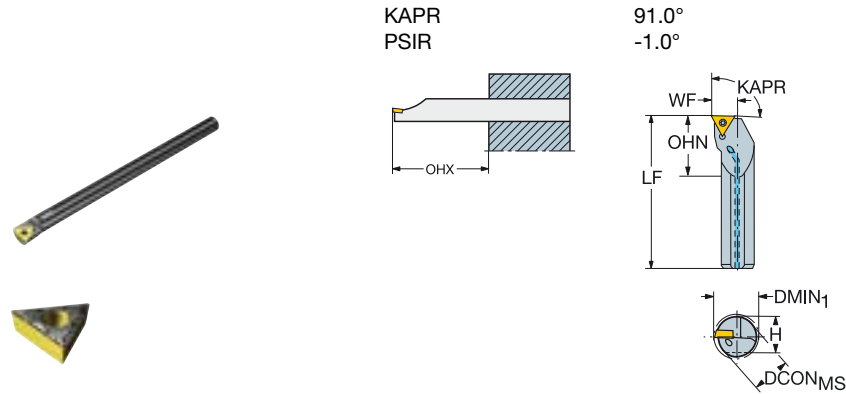
For the complete list of spare parts, visit www.sandvik.coromant.com



CoroTurn® 107 solid-carbide boring bar for turning

Screw clamp design
Cylindrical with flats - Internal coolant supply

B

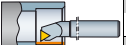


C

- TCMT, TCMX, TCGT, TCGX, TCEX
- TCMW

Inch version

D

							Ordering code	Dimensions, inch								MIID
	CZC _{MS}	DMIN ₁	OHX	OHN	CNSC	DCON _{MS}		H	LF	WF	PSI	FT/LBS	LBS			
	7/32	3/8	.500	2.250	.938	1	E06M-STFCR/L 1.8	.375	.359	6.000	.264	145	0.7	0.300	TCMT 1.8(1.5)1	
		1/2	.630	3.000	1.250	1	E08R-STFCR 1.8	.500	.484	8.000	.342	145	0.7	0.756	TCMT 1.8(1.5)1	
	1/4	3/8	.480	2.250	.938	1	E06M-STFCR/L 2-B1	.375	.359	6.000	.250	145	0.7	0.287	TCMT 221	
		1/2	.598	3.000	1.250	1	E08R-STFCR/L 2-B1	.500	.484	8.000	.312	145	0.7	0.661	TCMT 221	
		5/8	.772	3.750	1.112	1	E10R-STFCR/L 2-B1	.625	.609	8.000	.406	145	0.7	1.058	TCMT 221	
		3/4	.929	4.500	1.624	1	E12S-STFCR/L 2-B1	.750	.734	10.000	.500	145	0.7	1.808	TCMT 221	
	3/8	1	1.201	6.000	2.500	1	E16T-STFCR/L 3	1.000	.984	12.000	.640	145	2.2	3.616	TCMT 3(2.5)2	

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 = 1/8"). R = Right hand, L = Left hand

E

Spare parts		
IC	CZC _{MS}	Insert screw
5/32	1/4	5513 020-28
5/32	5/16	5513 020-27
1/4	3/4	5513 020-03

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H

A41

F2

G1

H37

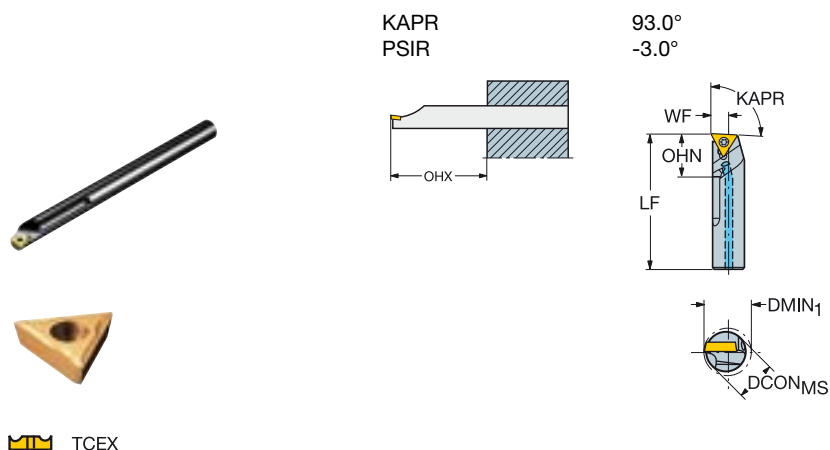
H12

H5

CoroTurn® 107 solid-carbide boring bar for turning

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply



B

C

Metric version

							Ordering code	Dimensions, mm							MIID
								DCON _{MS}	BD	LF	WF	BAR	NM	KG	
	05	5	6.0	30.0	12.0	1	E05H-STUCR/L 05-GR	5.0	5.0	100.0	2.9	10	0.4	0.04	TCEX 05 01 00R-F
		6	7.0	36.0	13.0	1	E06H-STUCR/L 05-GR	6.0	6.0	100.0	3.2	10	0.4	0.05	TCEX 05 01 00R-F
	06	8	9.0	48.0	17.0	1	E08K-STUCR/L 06-GR	8.0	8.0	125.0	4.2	10	0.6	0.08	TCEX 06 T1 00R-F
		10	11.0	60.0	20.0	1	E10M-STUCR/L 06-GR	10.0	10.0	150.0	5.2	10	0.6	0.14	TCEX 06 T1 00R-F

The right hand (R) boring bar uses left hand (L) TCEX- inserts and vice versa.

R = Right hand, L = Left hand

Spare parts		
	CZC _{MS}	Insert screw
05	5-6	5513 020-53
06	8	5513 020-44
06	10	5513 020-28

For the complete list of spare parts, visit www.sandvik.coromant.com

D

E

F

G

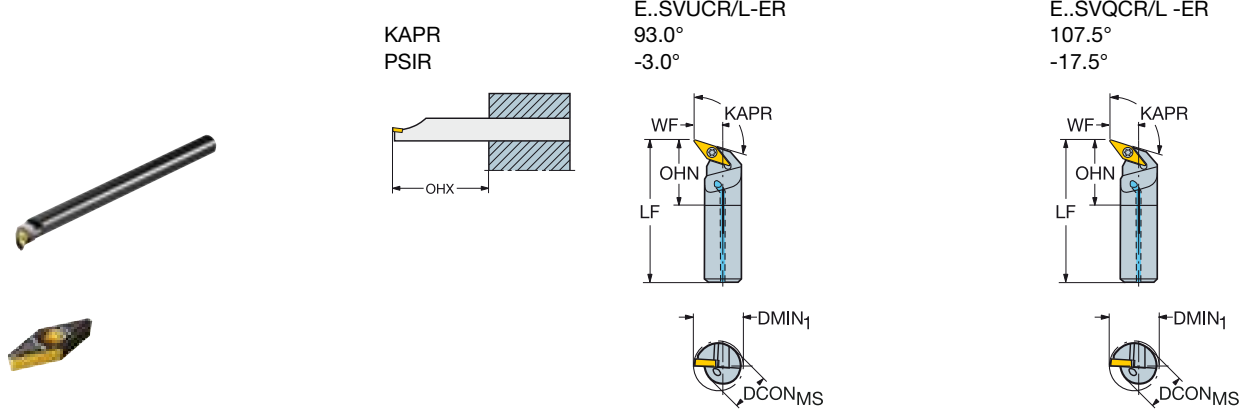
H



CoroTurn® 107 solid-carbide boring bar for turning

Screw clamp design
Cylindrical with groove for EasyFix sleeve - Internal coolant supply

B

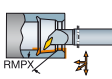
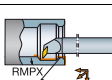


C



Metric version

D

									Dimensions, mm							MIID
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	BD	LF	WF	BAR	NM	KG	
	11	16	22.0	35°	96.0	33.0	1	E16R-SVQCR/L 11-ER	16.0	16.0	200.0	13.0	10	0.9	0.49	VCMT 11 03 04
	11	16	22.0	50°	96.0	33.0	1	E16R-SVUCR/L 11-ER	16.0	16.0	200.0	13.0	10	0.9	0.50	VCMT 11 03 04

R = Right hand, L = Left hand

F

Spare parts
Insert screw
5513 020-03

For the complete list of spare parts, visit www.sandvik.coromant.com

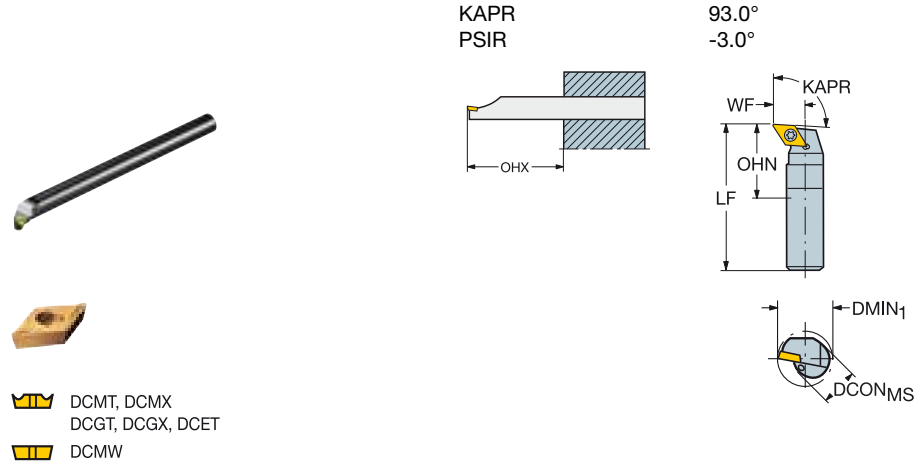
G

H

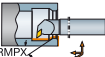


CoroTurn® 107 damped carbide boring bar for turning

Screw clamp design
Cylindrical with groove for EasyFix sleeve



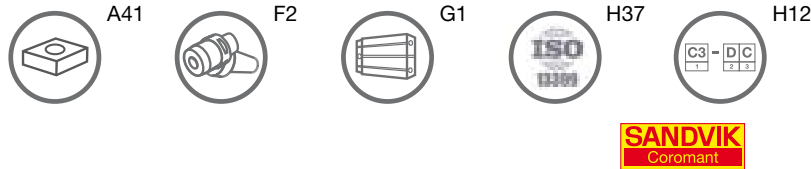
Metric version

								Dimensions, mm						
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	Ordering code	DCON _{MS}	BD	LF	WF			MIID
	07	10	15.0	27°	100.0	60.0	F10M-SDUCR/L 07-ER	10.0	10.0	150.0	9.0	0.9	0.18	DCMT 07 02 04
		12	18.0	27°	120.0	72.0	F12Q-SDUCR/L 07-ER	12.0	12.0	180.0	11.0	0.9	0.29	DCMT 07 02 04

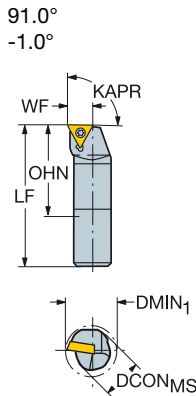
R = Right hand, L = Left hand

Spare parts
Insert screw
5513 020-03

For the complete list of spare parts, visit www.sandvik.coromant.com



Cylindrical with groove for EasyFix sleeve

[illegible]

R = Right hand, L = Left hand

For the complete list of spare parts, visit www.sandvik.coromant.com



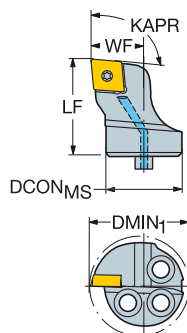
CoroTurn® 107 head for turning

Screw clamp design

CoroTurn® SL - Precision coolant supply

KAPR
PSIR95.0°
-5.0°

CCMT, CCGT
CCGX, CCET
CCMW



						Ordering code	Dimensions, mm, inch						MID	
		CZC _{MS}	DMIN _i	CNSC	DCON _{MS}		LF	WF						
		09	3/8	25	32.0	1	SL-SCLCR/L-25-09HP	25	20.0	17.0	80	3.0	0.07	CCMT 09 T3 08
					1.260			.984	.787	.669	1160			
				32	40.0	1	SL-SCLCR/L-32-09HP	32	32.0	22.0	80	3.0	0.13	CCMT 09 T3 08
					1.575			1.260	1.260	.866	1160			
		12	1/2	40	50.0	1	SL-SCLCR/L-40-12HP	40	38.0	27.0	80	3.0	0.24	CCMT 12 04 08
											1.969			1.575

R = Right hand, L = Left hand

Spare parts					
Ordering code	Insert screw	Shim	Shim screw	Locating tube	Nozzle
SL-SCLCR/L-25-09HP	5513 020-09			5552 058-02	5691 026-13
SL-SCLCR/L-32-09HP	5513 020-09			5638 031-01	5691 026-13
SL-SCLCR/L-40-12HP	5513 020-18	5322 232-02	5512 090-03	5638 031-01	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A41



F2



H37



H5



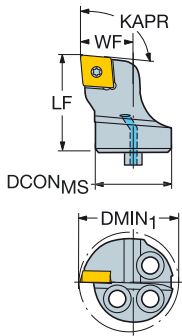
H2

CoroTurn® 107 head for turning

Screw clamp design
CoroTurn® SL - Internal coolant supply

B

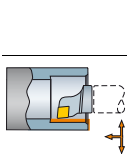
KAPR
PSIR
95.0°
-5.0°



C

- CCMT, CCGT
CCGX, CCET
- CCMW

D



			Dimensions, mm, inch											
						Ordering code	DCON _{MS}	LF	WF	BAR PSI	NM	KG	MIID	
	06	1/4	16	20.0	1	570-SCLCR/L-16-06	16	20.0	11.0	10	0.9	0.03	CCMT 06 02 04	
				.787			.630	.787	.433	145				
	09	3/8	20	25.0	1	570-SCLCR/L-20-09	20	20.0	13.0	10	3.0	0.05	CCMT 09 T3 08	
				.984			.787	.787	.512	145				
			25	32.0	1	570-SCLCR/L-25-09	25	20.0	17.0	10	3.0	0.07	CCMT 09 T3 08	
				1.260			.984	.787	.669	145				
			32	40.0	1	570-SCLCR/L-32-09	32	32.0	22.0	10	3.0	0.13	CCMT 09 T3 08	
				1.575			1.260	1.260	.866	145				
	12	1/2	40	50.0	1	570-SCLCR/L-40-12	40	38.0	27.0	10	3.0	0.24	CCMT 12 04 08	
				1.969			1.575	1.496	1.063	145				

E

R = Right hand, L = Left hand

Spare parts				
Ordering code	Insert screw	Shim	Shim screw	Locating tube
570-SCLCR/L-16-06	5513 020-03			5552 058-01
570-SCLCR/L-20-09	5513 020-09			5552 058-02
570-SCLCR/L-25-09	5513 020-10			5552 058-02
570-SCLCR/L-32-09	5513 020-09			5638 031-01
570-SCLCR/L-40-12	5513 020-18	5322 232-02	5512 090-03	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H

A41

F2

H37

H5

H2



A 166

CoroTurn® 107 head for turning

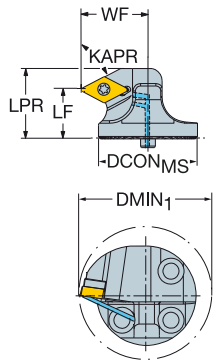
Screw clamp design
CoroTurn® SL - Precision coolant supply

B KAPR
PSIR

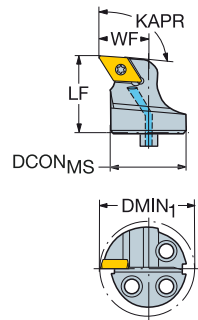


DCMT, DCMX
DCGT, DCGX, DCET
DCMW

SL-SDXCR/L-DHP
62.5°
27.5°

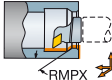
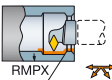


SL-SDUCR/L..HP
93.0°
-3.0°



C

D

								Dimensions, mm, inch							
			CZC _{MS}	DMIN ₁	RMPX	CNSC	Ordering code	DCON _{MS}	LPR	LF	WF				MIID
	11	3/8	25	32.0	27°	1	SL-SDUCR/L-25-11HP	25		23.0	17.0	80	3.0	0.08	DCMT 11 T3 08
				1.260				.984		.906	.669	1160			
	32			40.0	27°	1	SL-SDUCR/L-32-11HP	32		32.0	22.0	80	3.0	0.14	DCMT 11 T3 08
				1.575				1.260	1.260	.866	1160				
	40			50.0	27°	1	SL-SDUCR/L-40-11HP	40		32.0	27.0	80	3.0	0.21	DCMT 11 T3 08
				1.969				1.575	1.260	1.063	1160				
	11	3/8	32	40.0	60°	1	SL-SDXCR/L-32-11HP	32	28.0	20.0	22.0	80	3.0	0.12	DCMT 11 T3 08
				1.575				1.260	1.102	.787	.866	1160			
	40			50.0	60°	1	SL-SDXCR/L-40-11HP	40	28.0	20.0	27.0	80	3.0	0.19	DCMT 11 T3 08
				1.969				1.575	1.102	.787	1.063	1160			
	07	1/4	25	33.0	60°	1	SL-SDXCR/L-25-07-DHP	25	19.7	15.0	18.0	80	0.9	0.07	DCMT 07 02 04
				1.299				.984	.776	.591	.709	1160			

R = Right hand, L = Left hand

F

Spare parts					
Ordering code	Insert screw	Shim	Shim screw	Locating tube	Nozzle
SL-SDXCR/L-25-07-DHP	5513 020-03			5552 058-02	5691 026-13
SL-SDUCR/L-25-11HP	5513 020-10			5552 058-02	5691 026-13
SL-SDUCR/L-32-11HP	5513 020-01	5322 263-01	5512 090-01	5638 031-01	5691 026-13
SL-SDXCR/L-32-11HP	5513 020-01	5322 263-01	5512 090-01	5638 031-01	5691 026-13
SL-SDUCR/L-40-11HP	5513 020-01	5322 263-01	5512 090-01	5638 031-01	5691 026-03
SL-SDXCR/L-40-11HP	5513 020-01	5322 263-01	5512 090-01	5638 031-01	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

G

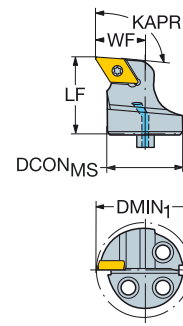
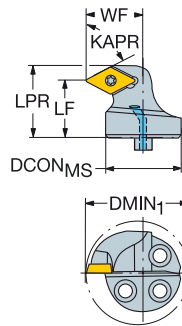
H



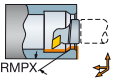
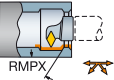
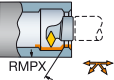
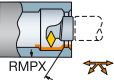
CoroTurn® 107 head for turning

Screw clamp design

CoroTurn® SL - Internal coolant supply

KAPR
PSIR570-SDXCR/L
62.5°
27.5°570-SDUCR/L
93.0°
-3.0°

DCMT, DCMX
 DCGT, DCGX, DCET
 DCMW

								Dimensions, mm, inch							
			CZC _{MS}	DMIN ₁	RMPX	CNSC	Ordering code	DCON _{MS}	LPR	LF	WF				MIID
	07	1/4	16	20.0	27°	8	570-SDUCR/L-16-07	16		20.0	11.0	10	0.9	0.03	DCMT 07 02 04
				.787				.630		.787	.433	145			
	11	3/8	20	25.0	27°	8	570-SDUCR/L-20-11	20		20.0	13.0	10	3.0	0.05	DCMT 11 T3 08
				.984				.787		.787	.512	145			
			25	32.0	27°	8	570-SDUCR/L-25-11	25		20.0	17.0	10	3.0	0.07	DCMT 11 T3 08
				1.260				.984		.787	.669	145			
			32	40.0	27°	1	570-SDUCR/L-32-11	32		32.0	22.0	10	3.0	0.13	DCMT 11 T3 08
				1.575				1.260		1.260	.866	145			
			40	50.0	27°	1	570-SDUCR/L-40-11	40		32.0	27.0	10	3.0	0.20	DCMT 11 T3 08
				1.969				1.575		1.260	1.063	145			
	07	1/4	16	22.0	60°	1	570-SDXCR/L-16-07-E	16	18.8	15.0	13.0	10	0.9	0.03	DCMT 07 02 04
				.866				.630	.740	.591	.512	145			
			20	27.0	60°	1	570-SDXCR/L-20-07-E	20	18.8	15.0	15.0	10	0.9	0.04	DCMT 07 02 04
				1.063				.787	.740	.591	.591	145			
			25	33.0	60°	1	570-SDXCR/L-25-07-D	25	18.8	15.0	18.0	10	0.9	0.06	DCMT 07 02 04
				1.299				.984	.740	.591	.709	145			
	11	3/8	32	40.0	60°	1	570-SDXCR/L-32-11	32	28.0	20.0	22.0	10	3.0	0.12	DCMT 11 T3 08
				1.575				1.260	1.102	.787	.866	145			
			40	50.0	60°	1	570-SDXCR/L-40-11	40	28.0	20.0	27.0	10	3.0	0.18	DCMT 11 T3 08
				1.969				1.575	1.102	.787	1.063	145			

R = Right hand, L = Left hand

			Spare parts			
		CZC _{MS}	Insert screw	Shim	Shim screw	Locating tube
07	1/4	16	5513 020-03			5552 058-01
07	1/4	20-25	5513 020-03			5552 058-02
11	3/8	20	5513 020-09			5552 058-02
11	3/8	25	5513 020-10			5552 058-02
11	3/8	32-40	5513 020-01	5322 263-01	5512 090-01	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

CoroTurn® 107 head for turning

Screw clamp design
CoroTurn® SL Quick Change

B



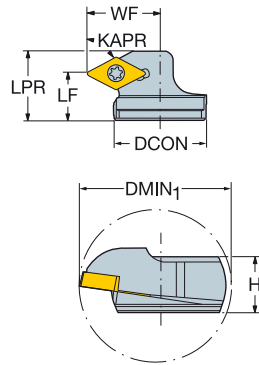
C



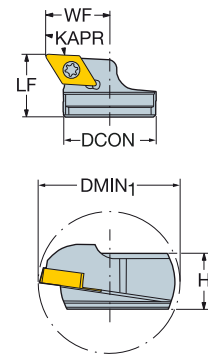
- DCMT, DCMX
DCGT, DCGX, DCET
- DCMW

KAPR
PSIR

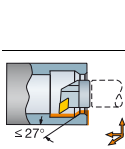
SDXCR/L
62.5°
27.5°



SDUCR/L
93.0°
-3.0°



D



						Dimensions, mm, inch									
		CZC _{MS}	DMIN ₁	RMPX	Ordering code	DCON _{MS}	H	LPR	LF	WF			MIID		
11	3/8	80	100.0	27°	570-SDUCR/L-80-11	80	37.5		45.7	57.0	3.0	0.55	DCMT 11 T3 08		
			3.937			3.150	1.476		1.799	2.244					
11	3/8	32	40.0	27°	SL-SDUCR-32-11-QC	32	14.7		20.0	21.0	3.0	0.08	DCMT 11 T3 08		
			1.575			1.260	.579		.787	.827					
11	3/8	32	40.0	60°	SL-SDXCR-32-11-QC	32	14.7	22.0	15.0	24.0	3.0	0.08	DCMT 11 T3 08		
			1.575			1.260	.579	.866	.591	.945					

R = Right hand, L = Left hand

F

Spare parts				
Ordering code	Insert screw	Shim	Shim screw	Adjustment screw
SL-SDUCR-32-11-QC	5513 020-10	5638 031-01	5514 060-10	5680 049-01
SL-SDXCR-32-11-QC	5513 020-10	5638 031-01	5514 060-10	5680 049-01
570-SDUCR/L-80-11	5513 020-01	5322 263-01	5512 090-01	3214 020-311

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



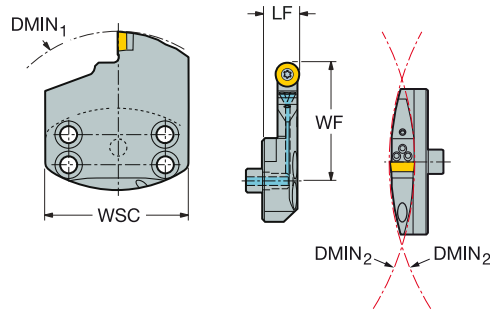
CoroTurn® 107 head for turning

Screw clamp design

CoroTurn® SL70 – Precision coolant supply



RCMT
RCGX-AL



							Dimensions, mm, inch							MID
			CZC _{M5}	DMIN ₁	DMIN ₂	CNSC	Ordering code	LF	WF	WSC				
	10	.394	70	120.0	250.0	1	SL70-SRDCR/L-20-10HP	17.0	41.0	70.0	30	3.0	0.31	RCMT 10 T3 M0
				4.724	9.843			.669	1.614	2.756	435			RCMT 10 T3 M0
			70	120.0	250.0	1	SL70-SRDCR/L-35-10HP	17.0	56.0	70.0	30	3.0	0.35	RCMT 10 T3 M0
				4.724	9.843			.669	2.205	2.756	435			RCMT 10 T3 M0
	12	.472	70	120.0	300.0	1	SL70-SRDCR/L-35-12HP	18.0	56.0	70.0	30	3.0	0.41	RCMT 12 04 M0
				4.724	11.811			.709	2.205	2.756	435			RCMT 12 04 M0
			70	120.0	260.0	1	SL70-SRDCR/L-50-12HP	18.0	71.0	70.0	30	3.0	0.42	RCMT 12 04 M0
				4.724	10.236			.709	2.795	2.756	435			RCMT 12 04 M0
			70	120.0	260.0	1	SL70-SRDCR/L-75-12HP	18.0	96.0	70.0	30	3.0	0.51	RCMT 12 04 M0
				4.724	10.236			.709	3.780	2.756	435			RCMT 12 04 M0

R = Right hand, L = Left hand

Spare parts					
Ordering code	Screw	Shim	Shim screw	Nozzle	Guide bush
SL70-SRDCR/L-20-10HP	5513 020-10	5322 110-01	5512 090-01	5691 026-13	5552 058-04
SL70-SRDCR/L-35-10HP	5513 020-10	5322 110-01	5512 090-01	5691 026-13	5552 058-04
SL70-SRDCR/L-35-12HP	5513 020-01	5322 110-02	5512 090-01	5691 026-03	5552 058-04
SL70-SRDCR/L-50-12HP	5513 020-01	5322 110-02	5512 090-01	5691 026-13	5552 058-04
SL70-SRDCR/L-75-12HP	5513 020-01	5322 110-02	5512 090-01	5691 026-13	5552 058-04

For the complete list of spare parts, visit www.sandvik.coromant.com

A11



F2



H37



H5



H2

CoroTurn® 107 head for turning

Screw clamp design

CoroTurn® SL - Precision coolant supply

B

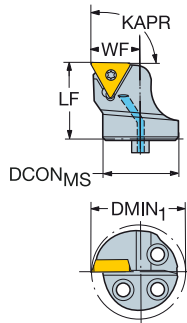


C



- TCMT, TCMX,
TCGT, TCGX
TCEX
- TCMW

KAPR91.0°
PSIR-1.0°



D



						Dimensions, mm, inch							
		CZC _{MS}	DMIN ₁	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID	
11	1/4	25	32.0	1	SL-STFCR/L-25-11-B1HP	25	20.0	17.0	80	0.9	0.07	TCMT 11 03 04	
			1.260			.984	.787	.669	1160				
16	3/8	32	40.0	1	SL-STFCR/L-32-16HP	32	32.0	22.0	80	3.0	0.14	TCMT 16 T3 08	
			1.575			1.260	1.260	.866	1160				
		40	50.0	1	SL-STFCR/L-40-16HP	40	32.0	27.0	80	3.0	0.22	TCMT 16 T3 08	
			1.969			1.575	1.260	1.063	1160				

R = Right hand, L = Left hand

E

Spare parts					
Ordering code	Insert screw	Shim	Shim screw	Locating tube	Nozzle
SL-STFCR/L-25-11-B1HP	5513 020-03			5552 058-02	5691 026-13
SL-STFCR/L-32-16HP	5513 020-01	5322 320-01	5512 090-01	5638 031-01	5691 026-13
SL-STFCR/L-40-16HP	5513 020-01	5322 320-01	5512 090-01	5638 031-01	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H



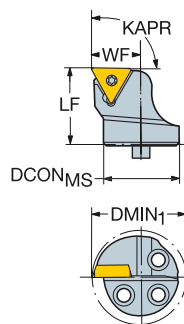
CoroTurn® 107 head for turning

Screw clamp design

CoroTurn® SL

KAPR
PSIR91.0°
-1.0°

TCMT, TCMX,
TCGT, TCGX
TCEX
TCMW



B

C

						Dimensions, mm, inch							
							Ordering code						MIID
	09	7/32	16	20.0	8		570-STFCR/L-16-09	16	20.0	11.0	0.9	0.03	TCMT 09 02 04
				.787				.630	.787	.433			
	11	1/4	16	20.0	8		570-STFCR/L-16-11-B1	16	20.0	11.0	0.9	0.03	TCMT 11 03 04
				.787				.630	.787	.433			
			20	25.0	8		570-STFCR/L-20-11-B1	20	20.0	13.0	0.9	0.04	TCMT 11 03 04
				.984				.787	.787	.512			
			25	32.0	8		570-STFCR/L-25-11-B1	25	20.0	17.0	0.9	0.06	TCMT 11 03 04
				1.260				.984	.787	.669			
	16	3/8	32	40.0	1		570-STFCR/L-32-16	32	32.0	22.0	3.0	0.14	TCMT 16 T3 08
				1.575				1.260	1.260	.866			
			40	50.0	1		570-STFCR/L-40-16	40	32.0	27.0	3.0	0.21	TCMT 16 T3 08
				1.969				1.575	1.260	1.063			

B1 at the end of the ordering code = For insert with thickness 03 = 3.18 mm (2 = 1/8").

R = Right hand, L = Left hand

D

E

Spare parts				
Ordering code	Insert screw	Shim	Shim screw	Locating tube
570-STFCR/L-16-09	5513 020-05			5552 058-01
570-STFCR/L-16-11-B1	5513 020-03			5552 058-01
570-STFCR/L-20-11-B1	5513 020-03			5552 058-02
570-STFCR/L-25-11-B1	5513 020-03			5552 058-02
570-STFCR/L-32-16	5513 020-01	5322 320-01	5512 090-01	5638 031-01
570-STFCR/L-40-16	5513 020-01	5322 320-01	5512 090-01	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H



A41



F2



H37



H2

CoroTurn® 107 head for turning

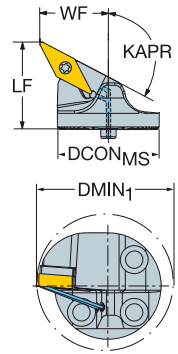
Screw clamp design
CoroTurn® SL - Precision coolant supply

B KAPR
PSIR

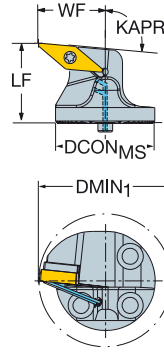


VBMT, VBGT
VCGX, VCEX,
VCGT, VCET
VBMW, VCMW

SL-SVPBR/L..LHP
117.5°
-27.5°



SL-SVLBR/L..HP
95.0°
-5.0°



C

D

								Dimensions, mm, inch							
		CZC _{MS}	DMIN ₁	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF		NM	KG	MIID		
		16 3/8 32	40.0 45°	1	SL-SVLBR/L-32-16HP	32 32.0 22.0 80 3.0 0.13	VBMT 16 04 08								
			1.575			1.260 1.260 .866 1160									
		40	50.0 45°	1	SL-SVLBR/L-40-16HP	40 32.0 27.0 80 3.0 0.19	VBMT 16 04 08								
			1.969			1.575 1.260 1.063 1160									
		25	35.0 45°	1	SL-SVLBR/L-25-16-LFHP	25 25.0 20.0 80 3.0 0.08	VBMT 16 04 08								
			1.378			.984 .984 .787 1160									
		16 3/8 32	40.0 25°	1	SL-SVPBR/L-32-16-LHP	32 34.0 22.0 80 3.0 0.12	VBMT 16 04 08								
			1.575			1.260 1.339 .866 1160									
		40	50.0 25°	1	SL-SVPBR/L-40-16-LHP	40 34.0 27.0 80 3.0 0.17	VBMT 16 04 08								
			1.969			1.575 1.339 1.063 1160									

R = Right hand, L = Left hand

E

		Spare parts				
	CZC _{MS}	Insert screw	Shim	Shim screw	Locating tube	Nozzle
	16 25	5513 020-10			5552 058-02	5691 026-13
	16 32-40	5513 020-01	5322 270-01	5512 090-01	5638 031-01	5691 026-13

F For the complete list of spare parts, visit www.sandvik.coromant.com

G

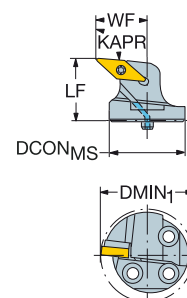
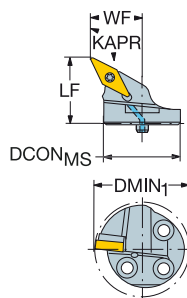
H



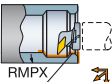
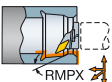
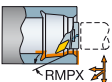
CoroTurn® 107 head for turning

Screw clamp design

CoroTurn® SL - Internal coolant supply

KAPR
PSIR570-SVPBR/L
117.5°
-27.5°570-SVLBR/L
95.0°
-5.0°

VBMT, VBG, VCGX, VCEX, VCGT, VCET
 VBMW, VCMW

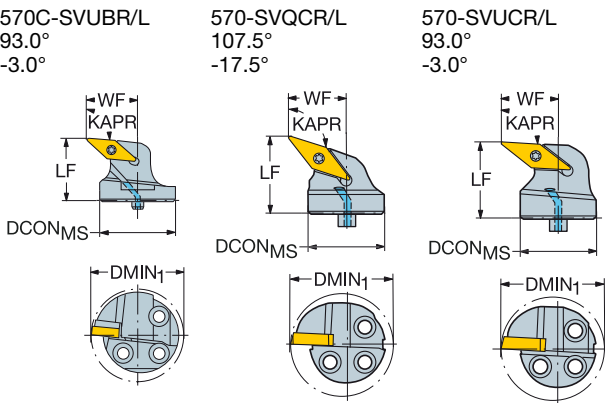
Dimensions, mm, inch															
				CZC _{MS}	DMIN ₁	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID
	16	3/8	25	35.0	45°	1	570-SVLBR/L-25-16-LF	25	22.0	20.0	10	3.0	0.07	VBMT 16 04 08	
				1.378				.984	.866	.787	145				
			32	40.0	45°	1	570-SVLBR/L-32-16	32	32.0	22.0	10	3.0	0.13	VBMT 16 04 08	
				1.575				1.260	1.260	.866	145				
			40	50.0	45°	1	570-SVLBR/L-40-16	40	32.0	27.0	10	3.0	0.18	VBMT 16 04 08	
				1.969				1.575	1.260	1.063	145				
	16	3/8	32	40.0	25°	1	570-SVPBR/L-32-16-L	32	34.0	22.0	10	3.0	0.12	VBMT 16 04 08	
				1.575				1.260	1.339	.866	145				
			40	50.0	25°	1	570-SVPBR/L-40-16-L	40	34.0	27.0	10	3.0	0.17	VBMT 16 04 08	
				1.969				1.575	1.339	1.063	145				

R = Right hand, L = Left hand

Spare parts				
Ordering code	Insert screw	Shim	Shim screw	Locating tube
570-SVLBR/L-25-16-LF	5513 020-10			5552 058-02
570-SVLBR/L-32-16	5513 020-01	5322 270-01	5512 090-01	5638 031-01
570-SVPBR/L-32-16-L	5513 020-10	5322 270-01	5512 090-01	5638 031-01
570-SVLBR/L-40-16	5513 020-10	5322 270-01	5512 090-01	5638 031-01
570-SVPBR/L-40-16-L	5513 020-10	5322 270-01	5512 090-01	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

CoroTurn® SL - Internal coolant supply

[illegible]

R = Right hand, L = Left hand

Spare parts	
Insert screw	Locating tube
5513 020-03	5552 058-02

For the complete list of spare parts, visit www.sandvik.coromant.com



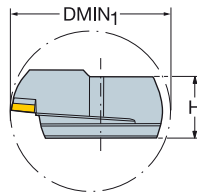
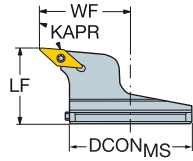
CoroTurn® 107 head for turning

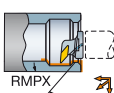
Screw clamp design

CoroTurn® SL quick change

KAPR
PSIR95.0°
-5.0°

 VBMT, VBGT
 VCGX, VCEX,
 VCGT, VCE T
 VBWW, VCMW



							Dimensions, mm, inch						
			CZC _{MS}	DMIN ₁	RMPX	Ordering code	DCON _{MS}	H	LF	WF			MIID
	16	3/8	80	100.0	45°	570-SVLBR/L-80-16	80	37.5	45.7	57.0	3.0	0.49	VBMT 16 04 08
				3.937			3.150	1.476	1.799	2.244			
			32	40.0	45°	SL-SVLBR-32-16-QC	32	14.7	22.0	24.0	3.0	0.08	VBMT 16 04 08
				1.575			1.260	.579	.866	.945			

R = Right hand, L = Left hand

Spare parts				
Ordering code	Insert screw	Shim	Shim screw	Adjustment screw
SL-SVLBR-32-16-QC	5513 020-10	5638 031-01	5514 060-10	5680 049-01
570-SVLBR/L-80-16	5513 020-01	5322 270-01	5512 090-01	3214 020-311

For the complete list of spare parts, visit www.sandvik.coromant.com

A41



F2



H37



H2

CoroTurn® 107 head for back boring

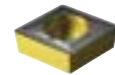
Screw clamp design

CoroTurn® SL - Precision coolant supply

B



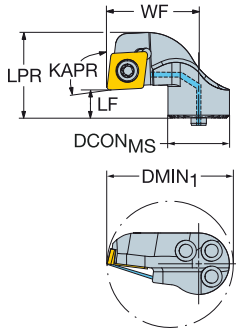
C



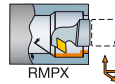
- CCMT, CCGT
CCGX, CCET
- CCMW

KAPR
PSIR

93.0°
-3.0°



D



								Dimensions, mm, inch								
		CZC _{MS}	DMIN ₁	RMPX	CNSC	Ordering code	DCON _{MS}	LPR	LF	WF				MIID		
	09	3/8	16	33.0	7°	1	SL-SCUCR-16-09-16X	16	22.0	7.0	24.0	70	3.0	0.05	CCMT 09 T3 08	
				1.299				.630	.866	.276	.945	1015				
		20	41.0	7°	1	SL-SCUCR-20-09-20X	20	22.0	7.0	30.0	70	3.0	0.07	CCMT 09 T3 08		
				1.614				.787	.866	.276	1.181	1015				
		25	44.0	7°	1	SL-SCUCR-25-09-18X	25	24.0	7.0	30.5	70	3.0	0.08	CCMT 09 T3 08		
				1.732				.984	.945	.276	1.201	1015				
		32	50.0	7°	1	SL-SCUCR-32-09-16X	32	24.0	8.0	32.0	70	3.0	0.12	CCMT 09 T3 08		
				1.969				1.260	.945	.315	1.260	1015				
		40	60.0	7°	1	SL-SCUCR-40-09-18X	40	24.0	8.0	38.0	70	3.0	0.18	CCMT 09 T3 08		
				2.362				1.575	.945	.315	1.496	1015				
		40	68.0	7°	1	SL-SCUCR-40-09-26X	40	24.0	8.0	46.0	70	3.0	0.21	CCMT 09 T3 08		
				2.677				1.575	.945	.315	1.811	1015				

R = Right hand

E

			Spare parts	
		CZC _{MS}	Insert screw	Locating tube
09	3/8	16	5513 020-09	5552 058-01
09	3/8	20-25	5513 020-09	5552 058-02
09	3/8	32	5513 020-09	5638 031-01
09	3/8	40	5513 020-09	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H



CoroTurn® 107 head for back boring

Screw clamp design

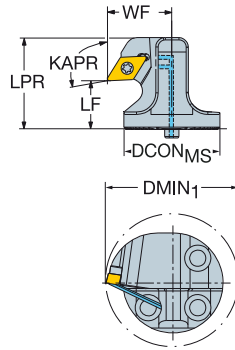
CoroTurn® SL - Precision coolant supply

KAPR
PSIR

93.0°
-3.0°

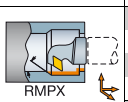


DCMT, DCMX
DCGT, DCGX, DCET
DCMW



B

C

								Dimensions, mm, inch								
			CZC _{MS}	DMIN ₁	RMPX	CNSC	Ordering code	DCON _{MS}	LPR	LF	WF				MIID	
 RMPX	11	3/8	32	40.0	27°	1	SL-SDUCR/L-32-11XHP	32	37.0	20.0	22.0	80	3.0	0.15	DCMT 11 T3 08	
				1.575				1.260	1.457	.787	.866	1160				
			40	50.0	27°	1	SL-SDUCR/L-40-11XHP	40	37.0	20.0	27.0	80	3.0	0.25	DCMT 11 T3 08	
				1.969				1.575	1.457	.787	1.063	1160				
	07	1/4	25	33.0	27°	1	SL-SDUCR/L-25-07-DXHP	25	27.9	15.0	18.0	80	0.9	0.09	DCMT 07 02 04	
				1.299				.984	1.098	.591	.709	1160				

R = Right hand, L = Left hand

Spare parts					
Ordering code	Insert screw	Shim	Shim screw	Locating tube	Nozzle
SL-SDUCR/L-25-07-DXHP	5513 020-03			5552 058-02	5691 026-13
SL-SDUCR/L-32-11XHP	5513 020-01	5322 263-01	5512 090-01	5638 031-01	5691 026-13
SL-SDUCR/L-40-11XHP	5513 020-01	5322 263-01	5512 090-01	5638 031-01	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

D

E

F

G

H



A41



F2



H37



H5



H2

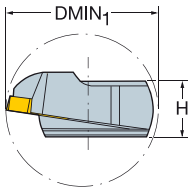
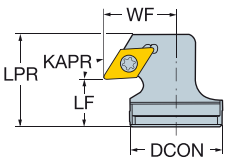
CoroTurn® 107 head for back boring

Screw clamp design
CoroTurn® SL Quick Change

B



KAPR
PSIR
93.0°
-3.0°



C



DCMT, DCMX
DCGT, DCGX, DCET
DCMW

D

						Dimensions, mm, inch								
		CZC _{MS}	DMIN ₁	RMPX	Ordering code	DCON _{MS}	H	LPR	LF	WF			MIID	
	11	3/8	32	40.0	27°	SL-SDUCR-32-11X-QC	32	14.7	30.0	15.0	24.0	3.0	0.10	DCMT 11 T3 08
				1.575			1.260	.579	1.181	.591	.945			

R = Right hand

E

Spare parts			
Ordering code	Screw	Locating tube	Adjustment screw
SL-SDUCR-32-11X-QC	5513 020-10	5638 031-01	5514 060-10

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H



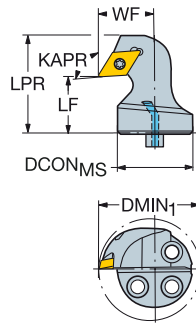
CoroTurn® 107 head for back boring

Screw clamp design

CoroTurn® SL - Internal coolant supply

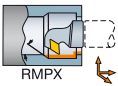
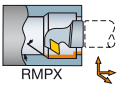
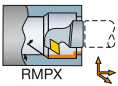
KAPR
PSIR93.0°
-3.0°

DCMT, DCMX
DCGT, DCGX, DCET
 DCMW



B

C

							Dimensions, mm, inch								MIID
			CZC _{MS}	DMIN _I	RMPX	CNSC	Ordering code	DCON _{MS}	LPR	LF	WF				
	07	1/4	16	22.0	27°	1	570-SDUCR/L-16-07-EX	16	26.6	15.0	13.0	10	0.9	0.03	DCMT 07 02 04
				.866				.630	1.047	.591	.512	145			
			20	27.0	27°	1	570-SDUCR/L-20-07-EX	20	26.6	15.0	15.0	10	0.9	0.05	DCMT 07 02 04
				1.063				.787	1.047	.591	.591	145			
			25	33.0	27°	1	570-SDUCR/L-25-07-DX	25	26.6	15.0	18.0	10	0.9	0.06	DCMT 07 02 04
				1.299				.984	1.047	.591	.709	145			
	11	3/8	32	40.0	27°	1	570-SDUCR/L-32-11X	32	37.0	20.0	22.0	10	3.0	0.14	DCMT 11 T3 08
				1.575				1.260	1.457	.787	.866	145			
			40	50.0	27°	1	570-SDUCR/L-40-11X	40	37.0	20.0	27.0	10	3.0	0.22	DCMT 11 T3 08
			1.969					1.575	1.457	.787	1.063	145			

R = Right hand, L = Left hand

D

E

		Spare parts			
CZC _{MS}	IC	Insert screw	Shim	Shim screw	Locating tube
07	1/4	16	5513 020-03		5552 058-01
07	1/4	20-25	5513 020-03		5552 058-02
11	3/8	32-40	5513 020-01	5322 263-01	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H



A41



F2



H37



H5



H2

CoroTurn® 107 head for back boring

Screw clamp design

CoroTurn® SL - Internal coolant supply

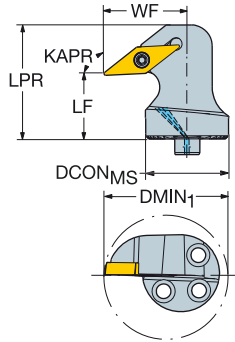
B



-  VCMT, VCEX, VCGX
-  VCMW

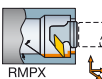
KAPR
PSIR

93.0°
-3.0°



C

D

								Dimensions, mm, inch								
 RMPX			CZC _{MS}	DMIN ₁	RMPX	CNSC	Ordering code	DCON _{MS}	LPR	LF	WF				MIID	
	11	1/4	20	32.0	30°	1	570-SVUCR/L-20-11X-E	20	27.0	15.0	20.0	10	0.9	0.05	VCMT 11 03 04	
				1.260				.787	1.063	.591	.787	145				
			25	37.0	30°	1	570-SVUCR/L-25-11X-D	25	27.0	15.0	22.0	10	0.9	0.08	VCMT 11 03 04	
			1.457					.984	1.063	.591	.866	145				

R = Right hand, L = Left hand

E

Spare parts	
Insert screw	Locating tube
5513 020-03	5552 058-02

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H



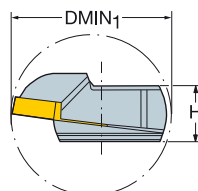
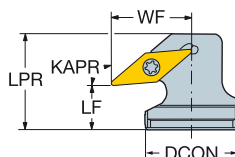
CoroTurn® 107 head for back boring

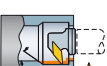
Screw clamp design

CoroTurn® SL Quick Change

KAPR
PSIR95.0°
-5.0°

VBMT, VBGX, VCGT, VCEX, VCE T
 VBMW, VCMW



						Dimensions, mm, inch								
 RMPX			CZC _{MS}	DMIN ₁	RMPX	Ordering code	DCON _{MS}	H	LPR	LF	WF			MIID
	16	3/8	32	40.0	45°	SL-SVLBR-32-16X-QC	32	14.7	31.0	14.0	26.0	3.0	0.10	VBMT 16 04 08
				1.575			1.260	.579	1.220	.551	1.024			

R = Right hand

Spare parts			
Ordering code	Screw	Locating tube	Adjustment screw
SL-SVLBR-32-16X-QC	5513 020-10	5638 031-01	5514 060-10

For the complete list of spare parts, visit www.sandvik.coromant.com

A41



F2



H37



H5



H2

B

T-Max® P

Optimized for external turning

C

Application

- Longitudinal turning
- Face turning
- Profiling
- Roughing to finishing
- Internal turning of large diameter bores from dia 50 mm (2 inch)

D

ISO application area:



E

Benefits and features

- Productive solution with wiper and Xcel technologies
- Tools featuring precision coolant for excellent chip breaking
- Reliable and secure machining, even in roughing applications
- Double-sided inserts with strong edges
- Lever clamping for wet machining, rigid-clamping for dry machining and short chip materials, wedge clamp for improved accessibility



www.sandvik.coromant.com/tmaxp

F

Inserts

- All types of insert shapes and sizes
- Geometries and grades for all application areas
- Insert grades also in advanced cutting materials PCD, CBN, and ceramic
- Inserts dedicated for precision coolant

F

Tools

- Coromant Capto® cutting units
- Shank tools
- Boring bars
- CoroTurn® SL heads

G

Precision coolant

Holders are available with precision nozzles for excellent chip control.



H

Different clamping solutions

H

Lever clamping



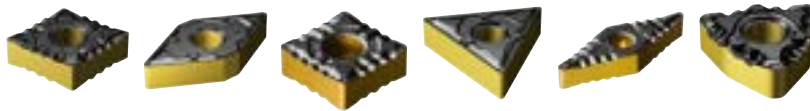
H

Rigid clamping



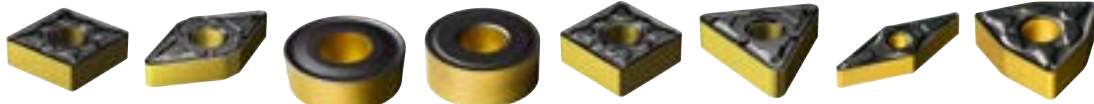
T-Max® P insert for turning

Finishing



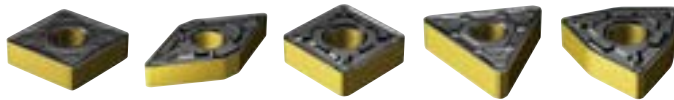
Page	CN.. A186	DN.. A198	SN.. A208	TN.. A213	VN.. A219	WN.. A221
------	--------------	--------------	--------------	--------------	--------------	--------------

Medium



Page	CN.. A186	DN.. A198	RC.. A207	RN.. A207	SN.. A208	TN.. A213	VN.. A219	WN.. A221
------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------

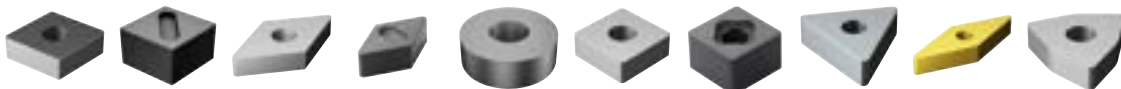
Roughing



Page	CN.. A186	DN.. A198	SN.. A208	TN.. A213	WN.. A221
------	--------------	--------------	--------------	--------------	--------------

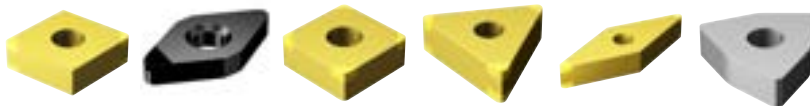
Advanced cutting materials

Ceramics



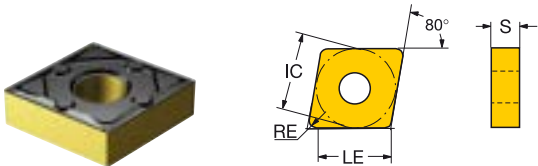
Page	CN.. A194	CNGX A194	DN.. A204	DNGX A204	RN.. A207	SN.. A212	SNGQ A212	TN.. A217	VN.. A220	WN.. A225
------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------

Cubic boron nitride (CBN)



Page	CN.. A194	DN.. A204	SN.. A212	TN.. A217	VN.. A220	WN.. A225
------	--------------	--------------	--------------	--------------	--------------	--------------

T-Max® P insert for turning
C-style insert (Rhombic 80°)



C

D

E

F

G

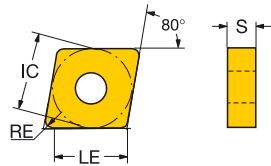
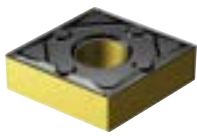
H

							ISO CODE	P					M					K		N		S				ANSI CODE								
			LE	S	RE	BS		1925	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125	H13A		1105	1115	1125	H13A	SGF			
Finishing	WF	09	3/8	9.3	3.18	0.40	0.5	CNMG 09 03 04-WF								★															CNMG 321-WF			
				.365	.125	.016	.018																								CNMG 322-WF			
				8.9	3.18	0.79	0.7	CNMG 09 03 08-WF			★								★	☆												CNMG 322-WF		
				.349	.125	.031	.028																									CNMG 322-WF		
		12	1/2	12.5	4.76	0.40	0.5	CNMG 12 04 04-WF	☆		★	☆		☆	☆	★				★	☆	☆										CNMG 431-WF		
				.492	.188	.016	.018																										CNMG 431-WF	
	PF			12.1	4.76	0.79	0.8	CNMG 12 04 08-WF	☆	☆	★	☆		☆	☆	★				★	☆	☆											CNMG 432-WF	
				.476	.188	.031	.031																										CNMG 432-WF	
				11.7	4.76	1.19	0.8	CNMG 12 04 12-WF		☆	★	☆			★					★	☆	☆											CNMG 433-WF	
				.460	.188	.047	.031																										CNMG 433-WF	
		09	3/8	9.3	3.18	0.40		CNMG 09 03 04-PF	☆		★	☆		☆							☆												CNMG 321-PF	
				.365	.125	.016																☆												CNMG 322-PF
	KF			8.9	3.18	0.79		CNMG 09 03 08-PF	☆		★	☆		☆							☆												CNMG 322-PF	
				.349	.125	.031																												CNMG 322-PF
		12	1/2	12.5	4.76	0.40		CNMG 12 04 04-PF	☆		★	☆		☆							☆												CNMG 431-PF	
				.492	.188	.016																												CNMG 431-PF
				12.1	4.76	0.79		CNMG 12 04 08-PF	☆	☆	★	☆		☆								☆												CNMG 432-PF
				.476	.188	.031																												CNMG 432-PF
	MF			11.7	4.76	1.19		CNMG 12 04 12-PF	☆	☆	★	☆		☆							☆													CNMG 433-PF
				.460	.188	.047																												CNMG 433-PF
		12	1/2	12.5	4.76	0.40		CNMG 12 04 04-KF												★	☆													CNMG 431-KF
				.492	.188	.016																												CNMG 431-KF
				12.1	4.76	0.79		CNMG 12 04 08-KF												★	☆													CNMG 432-KF
				.476	.188	.031																												
SGF			11.7	4.76	1.19		CNMG 12 04 12-KF	☆	☆	★	☆		☆						★	☆														CNMG 433-KF
			.460	.188	.047																													CNMG 433-KF
	12	1/2	12.8	4.76	0.10		CNGG 12 04 01-SGF						★	☆										★	☆	☆	☆						CNMG 431-SF	
			.503	.188	.004								★	☆										★	☆	☆	☆							CNMG 432-SF
			12.7	4.76	0.20		CNGG 12 04 02-SGF						★	☆										★	☆	☆	☆							CNMG 433-SF
			.498	.188	.008								★	☆										★	☆	☆	☆							CNMG 431-SF
SF			8.5	4.76	0.40		CNGG 12 04 04-SGF						★	☆										★	☆	☆	☆							CNMG 432-SF
			.335	.188	.016								★	☆										★	☆	☆	☆							CNMG 433-SF
			8.5	4.76	0.79		CNGG 12 04 08-SGF						★	☆										★	☆	☆	☆							CNMG 431-SF
			.335	.188	.031								★	☆										★	☆	☆	☆							CNMG 432-SF
			8.5	4.76	1.19		CNGG 12 04 12-SGF						★											★	☆		☆	☆						CNMG 433-SF
			.335	.188	.047																			★	☆		☆	☆						CNMG 433-SF
XF	12	1/2	12.5	4.76	0.40		CNMG 12 04 04-XF			★	☆				★	☆	☆			☆														CNMG 431-XF
			.492	.188	.016										★	☆	☆				☆													CNMG 432-XF
			12.1	4.76	0.79		CNMG 12 04 08-XF			★	☆				★	☆	☆				☆													CNMG 432-XF
			.476	.188	.031																													



T-Max® P insert for turning

C-style insert (Rhombic 80°)



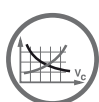
							ISO CODE	P					M					K			N	S					ANSI CODE					
			LE	S	RE	BS		1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125	H13A	1105		1115	1125	H13A	S8F	
WM	12	1/2	12.1	4.76	0.79	0.8	CNMG 12 04 08-WM	☆	☆	☆	★	☆						★	☆	☆										CNMG 432-WM		
			.476	.188	.031	.031												★	☆	☆										CNMG 433-WM		
			11.7	4.76	1.19	1.1	CNMG 12 04 12-WM	☆	☆	☆	★	☆						★	☆	☆										CNMG 542-WM		
			.460	.188	.047	.043																									CNMG 543-WM	
	16	5/8	15.3	6.35	0.79	0.9	CNMG 16 06 08-WM			☆	★									☆											CNMG 542-WM	
			.603	.250	.031	.035																									CNMG 543-WM	
WMX	12	1/2	12.1	4.76	0.79	0.7	CNMG 12 04 08-WMX	☆	☆	☆	★	☆						★	☆	☆										CNMG 432-WMX		
			.476	.188	.031	.028													★	☆	☆										CNMG 433-WMX	
			11.7	4.76	1.19	0.8	CNMG 12 04 12-WMX	☆	☆	☆	★	☆						★	☆	☆											CNMG 542-WMX	
			.460	.188	.047	.031																									CNMG 543-WMX	
	16	5/8	15.3	6.35	0.79	0.9	CNMG 16 06 08-WMX	☆	☆	☆	★							★		☆											CNMG 542-WMX	
			.603	.250	.031	.035													★	☆	☆										CNMG 543-WMX	
PM			14.9	6.35	1.19	0.9	CNMG 16 06 12-WM			☆	★									☆											CNMG 543-WM	
			.587	.250	.047	.035																										
	09	3/8	9.3	3.18	0.40		CNMG 09 03 04-PM			☆	★	☆								☆											CNMG 321-PM	
			.365	.125	.016																										CNMG 322-PM	
			8.9	3.18	0.79		CNMG 09 03 08-PM			☆	★	☆									☆											
			.349	.125	.031																											
	12	1/2	12.5	4.76	0.40		CNMG 12 04 04-PM			☆	★	☆								☆											CNMG 431-PM	
			.492	.188	.016																										CNMG 432-PM	
			12.1	4.76	0.79		CNMG 12 04 08-PM	☆	☆	☆	★	☆									☆										CNMG 433-PM	
			.476	.188	.031																										CNMG 434-PM	
			11.7	4.76	1.19		CNMG 12 04 12-PM	☆	☆	☆	★	☆									☆											
			.460	.188	.047																											
			11.3	4.76	1.59		CNMG 12 04 16-PM	☆	☆	☆	★	☆									☆											
			.445	.188	.063																											
	16	5/8	15.3	6.35	0.79		CNMG 16 06 08-PM			☆	★	☆									☆											CNMG 542-PM
			.603	.250	.031																											CNMG 543-PM
			14.9	6.35	1.19		CNMG 16 06 12-PM	☆	☆	☆	★	☆									☆											CNMG 544-PM
			.587	.250	.047																											
			14.5	6.35	1.59		CNMG 16 06 16-PM			☆	★	☆									☆											
			.572	.250	.063																											
	19	3/4	18.5	6.35	0.79		CNMG 19 06 08-PM			☆	★	☆									☆											CNMG 642-PM
			.730	.250	.031																											CNMG 643-PM
			18.1	6.35	1.19		CNMG 19 06 12-PM			☆	★	☆									☆											
			.714	.250	.047																											
			17.7	6.35	1.59		CNMG 19 06 16-PM			☆	★	☆									☆											
			.699	.250	.063																											



A227



A283



A348



A379



H37

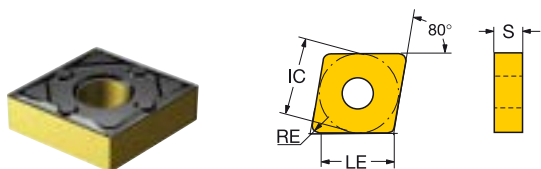


H6

A

T-Max® P insert for turning

C-style insert (Rhombic 80°)



B

C

			LE	S	RE	BS	ISO CODE	P					M					K		N		S					ANSI CODE						
								1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125	H13A	1105		1115	1125	H13A	S05F		
Medium	MM	09	3/8	9.3	3.18	0.40	CNMG 09 03 04-MM							☆	☆		★							☆			☆	★			CNMG 321-MM		
				.365	.125	.016										☆	☆				☆			☆			☆	★			CNMG 322-MM		
				8.9	3.18	0.79	CNMG 09 03 08-MM								☆	☆		★						☆			☆	★			CNMG 322-MM		
				.349	.125	.031																											
		12	1/2	12.1	4.76	0.79	CNMG 12 04 08-MM								☆	☆	☆	★	☆	☆				★	☆	★		☆	★	☆		CNMG 432-MM	
				.476	.188	.031																											
				11.7	4.76	1.19	CNMG 12 04 12-MM								☆	☆	☆	★	☆	☆					☆			☆	★			CNMG 433-MM	
				.460	.188	.047																											
				11.3	4.76	1.59	CNMG 12 04 16-MM										☆	★	☆	☆													CNMG 434-MM
				.445	.188	.063																											
		16	5/8	15.3	6.35	0.79	CNMG 16 06 08-MM										☆	★	☆	☆	☆												CNMG 542-MM
				.603	.250	.031																											
				14.9	6.35	1.19	CNMG 16 06 12-MM											☆	★	☆	☆												CNMG 543-MM
				.587	.250	.047																											
				14.5	6.35	1.59	CNMG 16 06 16-MM												★	☆	☆												CNMG 544-MM
				.572	.250	.063																											
	19	3/4	18.5	6.35	0.79	CNMG 19 06 08-MM												★	☆	☆												CNMG 642-MM	
			.730	.250	.031																												
			18.1	6.35	1.19	CNMG 19 06 12-MM											☆	★	☆	☆												CNMG 643-MM	
			.714	.250	.047																												
			17.7	6.35	1.59	CNMG 19 06 16-MM												★	☆	☆												CNMG 644-MM	
			.699	.250	.063																												
			KM	12	1/2	12.1	4.76	0.79	CNMG 12 04 08-KM													★	☆										CNMG 432-KM
						.476	.188	.031																									
	11.7	4.76				1.19	CNMG 12 04 12-KM																									CNMG 433-KM	
	.460	.188				.047																											
				11.3	4.76	1.59	CNMG 12 04 16-KM																									CNMG 434-KM	
				.445	.188	.063																											
16				5/8	15.3	6.35	0.79	CNMG 16 06 08-KM																								CNMG 542-KM	
					.603	.250	.031																										
	14.9	6.35	1.19		CNMG 16 06 12-KM																									CNMG 543-KM			
	.587	.250	.047																														
		14.5	6.35	1.59	CNMG 16 06 16-KM																									CNMG 544-KM			
		.572	.250	.063																													
		19	3/4	18.1	6.35	1.19	CNMG 19 06 12-KM																								CNMG 643-KM		
				.714	.250	.047																											
17.7	6.35			1.59	CNMG 19 06 16-KM																									CNMG 644-KM			
.699	.250			.063																													

D

E

F

G

H



A227



A283



A348



A379



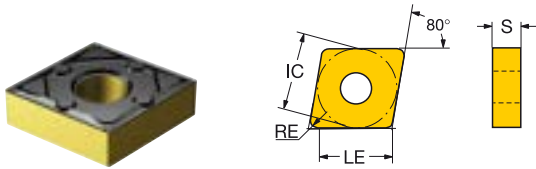
H37



H6

T-Max® P insert for turning

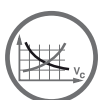
C-style insert (Rhombic 80°)

[illegible]

A227



A283



A348



A379

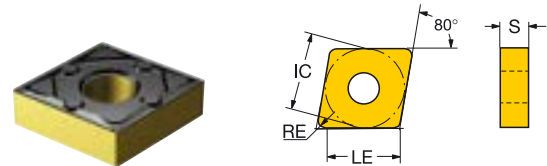


H37



H6

T-Max® P insert for turning
C-style insert (Rhombic 80°)



C

D

E

F

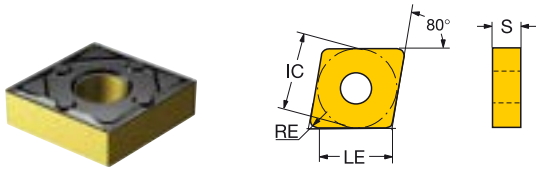
G

H

			LE	S	RE	BS	ISO CODE	P					M					K		N		S					ANSI CODE						
								1925	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125	H13A	1105		1115	1125	H13A	S16F		
Roughing	MR	12	1/2	12.1	4.76	0.79	CNMM 12 04 08-MR										☆	★	☆												CNMM 432-MR		
				.476	.188	.031											☆		☆												CNMM 433-MR		
				11.7	4.76	1.19	CNMM 12 04 12-MR											☆													CNMM 433-MR		
				.460	.188	.047																										CNMM 433-MR	
				11.3	4.76	1.59	CNMM 12 04 16-MR					★					★															CNMM 434-MR	
				.445	.188	.063																											CNMM 434-MR
		16	5/8	14.9	6.35	1.19	CNMM 16 06 12-MR										☆		☆													CNMM 543-MR	
				.587	.250	.047											☆		☆													CNMM 543-MR	
			14.5	6.35	1.59	CNMM 16 06 16-MR										☆		☆													CNMM 544-MR		
			.572	.250	.063																											CNMM 544-MR	
	19	3/4	18.1	6.35	1.19	CNMM 19 06 12-MR										☆		☆														CNMM 643-MR	
			.714	.250	.047											☆		☆														CNMM 643-MR	
			17.7	6.35	1.59	CNMM 19 06 16-MR					★					☆	★	☆														CNMM 644-MR	
			.699	.250	.063											☆		☆														CNMM 644-MR	
			16.9	6.35	2.38	CNMM 19 06 24-MR										☆		☆														CNMM 646-MR	
			.667	.250	.094																											CNMM 646-MR	
PR	12	1/2	12.1	4.76	0.79	CNMG 12 04 08-PR		☆	☆	☆	☆	★			☆	★					☆											CNMG 432-PR	
			.476	.188	.031			☆	☆	☆	☆	★									☆											CNMG 433-PR	
			11.7	4.76	1.19	CNMG 12 04 12-PR		☆	☆	☆	☆	★									☆											CNMG 433-PR	
			.460	.188	.047																	☆										CNMG 434-PR	
			11.3	4.76	1.59	CNMG 12 04 16-PR		☆	☆	☆	☆	★									☆											CNMG 434-PR	
			.445	.188	.063																		☆										CNMG 434-PR
	16	5/8	15.3	6.35	0.79	CNMG 16 06 08-PR		☆			☆	★									☆											CNMG 542-PR	
			.603	.250	.031																	☆											CNMG 542-PR
			14.9	6.35	1.19	CNMG 16 06 12-PR		☆	☆	☆	☆	★									☆												CNMG 543-PR
			.587	.250	.047																	☆											CNMG 543-PR
			14.5	6.35	1.59	CNMG 16 06 16-PR		☆	☆	☆	☆	★									☆												CNMG 544-PR
			.572	.250	.063																	☆											CNMG 544-PR
			13.7	6.35	2.38	CNMG 16 06 24-PR		☆	☆	☆	☆	★									☆												CNMG 546-PR
			.540	.250	.094																	☆											CNMG 546-PR
	19	3/4	18.5	6.35	0.79	CNMG 19 06 08-PR			☆	☆	☆	★									☆												CNMG 642-PR
			.730	.250	.031																	☆											CNMG 642-PR
			18.1	6.35	1.19	CNMG 19 06 12-PR		☆	☆	☆	☆	★									☆												CNMG 643-PR
			.714	.250	.047																	☆											CNMG 643-PR
			17.7	6.35	1.59	CNMG 19 06 16-PR		☆	☆	☆	☆	★									☆												CNMG 644-PR
			.699	.250	.063																	☆											CNMG 644-PR
			16.9	6.35	2.38	CNMG 19 06 24-PR			☆	☆	☆	★									☆												CNMG 646-PR
			.667	.250	.094																	☆											CNMG 646-PR
MR	12	1/2	12.1	4.76	0.79	CNMM 12 04 08-PR		☆	☆	☆	☆	★									☆											CNMM 432-PR	
			.476	.188	.031			☆	☆	☆	☆	★									☆												CNMM 433-PR
			11.7	4.76	1.19	CNMM 12 04 12-PR		☆	☆	☆	☆	★									☆												CNMM 433-PR
			.460	.188	.047																	☆											CNMM 434-PR
			11.3	4.76	1.59	CNMM 12 04 16-PR		☆	☆	☆	☆	★									☆												CNMM 434-PR
			.445	.188	.063																	☆											CNMM 434-PR
	16	5/8	15.3	6.35	0.79	CNMM 16 06 08-PR			☆	☆	☆	★									☆												CNMM 542-PR
			.603	.250	.031																	☆											CNMM 542-PR
			14.9	6.35	1.19	CNMM 16 06 12-PR		☆	☆	☆	☆	★									☆												CNMM 543-PR
			.587	.250	.047																	☆											CNMM 543-PR
			14.5	6.35	1.59	CNMM 16 06 16-PR		☆	☆	☆	☆	★									☆												CNMM 544-PR
			.572	.250	.063																	☆											CNMM 544-PR
	19	3/4	18.1	6.35	1.19	CNMM 19 06 12-PR		☆	☆	☆	☆	★									☆												CNMM 643-PR
			.714	.250	.047																	☆											CNMM 643-PR
			17.7	6.35	1.59	CNMM 19 06 16-PR		☆	☆	☆	☆	★									☆												CNMM 644-PR
			.699	.250	.063																	☆											CNMM 644-PR
		16.9	6.35	2.38	CNMM 19 06 24-PR		☆	☆	☆	☆	★									☆												CNMM 646-PR	
		.667	.250	.094																	☆											CNMM 646-PR	

T-Max® P insert for turning

C-style insert (Rhombic 80°)



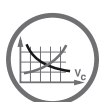
				LE	S	RE	BS	ISO CODE	P						M					K			N		S					ANSI CODE						
									1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125	H13A	1105	1115	1125		H13A	S05F				
Roughing	KR	12	1/2	12.5	4.76	0.40		CNMA 12 04 04-KR												☆	★											CNMA 431-KR				
				.492	.188	.016														☆	★											CNMA 432-KR				
				12.1	4.76	0.79		CNMA 12 04 08-KR												☆	★											CNMA 433-KR				
				.476	.188	.031														☆	★											CNMA 434-KR				
				11.7	4.76	1.19		CNMA 12 04 12-KR													☆	★											CNMA 543-KR			
				.460	.188	.047														☆	★												CNMA 544-KR			
				11.3	4.76	1.59		CNMA 12 04 16-KR													☆	★											CNMA 642-KR			
				.445	.188	.063															☆	★											CNMA 643-KR			
		16	5/8	14.9	6.35	1.19		CNMA 16 06 12-KR													☆	★												CNMA 644-KR		
				.587	.250	.047															☆	★												CNMA 646-KR		
				14.5	6.35	1.59		CNMA 16 06 16-KR													☆	★													CNMA 643-KR	
				.572	.250	.063															☆	★													CNMA 644-KR	
		19	3/4	18.5	6.35	0.79		CNMA 19 06 08-KR													☆	★													CNMA 645-KR	
				.730	.250	.031															☆	★													CNMA 646-KR	
				18.1	6.35	1.19		CNMA 19 06 12-KR													☆	★													CNMA 647-KR	
				.714	.250	.047															☆	★													CNMA 648-KR	
				17.7	6.35	1.59		CNMA 19 06 16-KR													☆	★													CNMA 649-KR	
				.699	.250	.063															☆	★													CNMA 650-KR	
				16.9	6.35	2.38		CNMA 19 06 24-KR													☆	★													CNMA 651-KR	
				.667	.250	.094															☆	★													CNMA 652-KR	
				12	1/2	12.1	4.76	0.79		CNMG 12 04 08-KR											☆	★													CNMG 432-KR	
				.476	.188	.031															☆	★													CNMG 433-KR	
				11.7	4.76	1.19		CNMG 12 04 12-KR													☆	★													CNMG 434-KR	
				.460	.188	.047															☆	★													CNMG 543-KR	
				11.3	4.76	1.59		CNMG 12 04 16-KR													☆	★													CNMG 544-KR	
				.445	.188	.063															☆	★													CNMG 643-KR	
				16	5/8	14.9	6.35	1.19		CNMG 16 06 12-KR											☆	★														CNMG 644-KR
				.587	.250	.047															☆	★														CNMG 645-KR
				14.5	6.35	1.59		CNMG 16 06 16-KR													☆	★														CNMG 646-KR
				.572	.250	.063															☆	★														CNMG 647-KR
				19	3/4	18.1	6.35	1.19		CNMG 19 06 12-KR											☆	★														CNMG 648-KR
				.714	.250	.047															☆	★														CNMG 649-KR
				17.7	6.35	1.59		CNMG 19 06 16-KR													☆	★														CNMG 650-KR
				.699	.250	.063															☆	★														CNMG 651-KR
	MR	12	1/2	12.1	4.76	0.79		CNMG 12 04 08-MR								☆	☆	★	☆															CNMG 432-MR		
				.476	.188	.031										☆	☆	★	☆															CNMG 433-MR		
				11.7	4.76	1.19		CNMG 12 04 12-MR								☆	☆	★	☆															CNMG 434-MR		
				.460	.188	.047										☆	☆	★	☆															CNMG 543-MR		
				11.3	4.76	1.59		CNMG 12 04 16-MR								☆	☆	★	☆															CNMG 544-MR		
				.445	.188	.063										☆	☆	★	☆															CNMG 643-MR		
				16	5/8	14.9	6.35	1.19		CNMG 16 06 12-MR						☆	☆	★	☆															CNMG 644-MR		
				.587	.250	.047										☆	☆	★	☆															CNMG 645-MR		
				14.5	6.35	1.59		CNMG 16 06 16-MR								☆	☆	★	☆																CNMG 646-MR	
				.572	.250	.063										☆	☆	★	☆																CNMG 647-MR	
	19	3/4	18.1	6.35	1.19		CNMG 19 06 12-MR								☆	☆	★	☆																CNMG 648-MR		
			.714	.250	.047										☆	☆	★	☆																CNMG 649-MR		
			17.7	6.35	1.59		CNMG 19 06 16-MR								☆	☆	★	☆																CNMG 650-MR		
			.699	.250	.063										☆	☆	★	☆																CNMG 651-MR		
		16.9	6.35	2.38		CNMG 19 06 24-MR									☆	☆																	CNMG 652-MR			
		.667	.250	.094											☆	☆																	CNMG 653-MR			
SMR	16	5/8	10.6	6.35	1.59		CNMG 16 06 16-SMR						☆	☆	★									★	☆	☆	☆						CNMG 544-SMR			
			.417	.250	.063									☆	☆	★								★	☆	☆	☆						CNMG 643-SMR			
	19	3/4	18.1	6.35	1.19		CNMG 19 06 12-SMR						☆	☆	★									★	☆	☆	☆						CNMG 644-SMR			
			.714	.250	.047									☆	☆	★								★	☆	☆	☆						CNMG 645-SMR			
			12.7	6.35	1.59		CNMG 19 06 16-SMR							☆	☆	★								★	☆	☆	☆						CNMG 646-SMR			
		.500	.250	.063																																



A227



A283



A348



A379



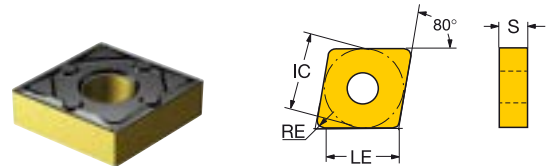
H37



H6

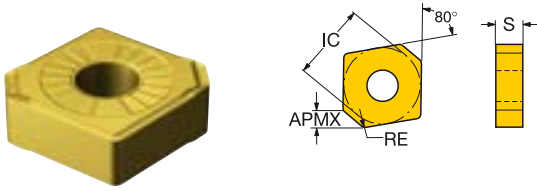
T-Max® P insert for turning

C-style insert (Rhombic 80°)

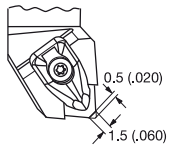


							ISO CODE	P					M					K		N		S					ANSI CODE					
				LE	S	RE		BS	1925	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125	H13A		1105	1115	1125	H13A	S6F
Roughing	XMR	12	1/2	12.1	4.76	0.79	CNMG 12 04 08-XMR			☆	★					☆	★		☆		☆										CNMG 432-XMR	
				.476	.188	.031										☆	★					☆									CNMG 433-XMR	
				11.7	4.76	1.19	CNMG 12 04 12-XMR			☆	★					☆	★		☆			☆									CNMG 434-XMR	
				.460	.188	.047													★			☆									CNMG 543-XMR	
				11.3	4.76	1.59	CNMG 12 04 16-XMR			☆	★								★			☆									CNMG 544-XMR	
				.445	.188	.063																									CNMG 643-XMR	
		16	5/8	14.9	6.35	1.19	CNMG 16 06 12-XMR			☆	★								★			☆									CNMG 644-XMR	
				.587	.250	.047														★			☆								CNMG 644-XMR	
				14.5	6.35	1.59	CNMG 16 06 16-XMR			☆	★									★			☆									CNMG 643-XMR
				.572	.250	.063																										CNMG 644-XMR
		19	3/4	18.1	6.35	1.19	CNMG 19 06 12-XMR				★									★			☆									CNMG 644-XMR
				.714	.250	.047																										CNMG 644-XMR
				17.7	6.35	1.59	CNMG 19 06 16-XMR													★												CNMG 644-XMR
				.699	.250	.063																										

High feed geometry

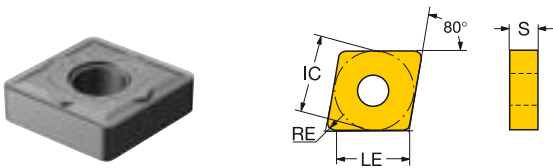
[illegible]

Holders taking CNMX inserts need to be modified.



Shims
5322 234-07 for T-Max P lever design holders
5322 234-08 for CoroTurn RC holders

Advanced cutting materials



							S	
Medium			LE	S	RE	ISO CODE	6180	ANSI CODE
	12	1/2	8.5	4.76	0.8	CNMG 12 04 08-SM	★	CNMG 432-SM
			.335	.188	.031			



A227



A283



A348



A379



H37



H28

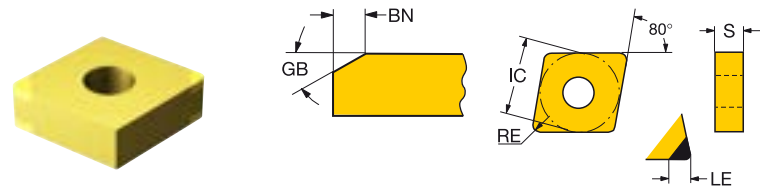


H6

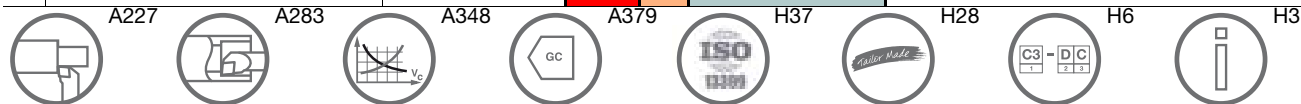
T-Max® P insert for turning

C-style insert (Rhombic 80°)

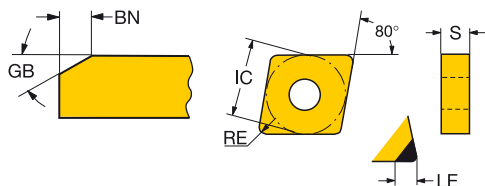
Advanced cutting materials



			LE	S	RE	BS	GB	BN	ISO CODE	K		S		H								ANSI CODE					
										6190	650	7525	6160	650	6050	650	7015	7025	7105	7115	7125		7525				
Finishing	09	3/8	2.4	3.18	0.4		30°	0.10	CNGA090304S01030A								☆	★						CNGA321S0330A			
			.094	.125	.016		30°	.004																			
			2.4	3.18	0.8		30°	0.10	CNGA090308S01030A									☆	★						CNGA322S0330A		
			.094	.125	.031		30°	.004																			
			2.0	3.18	0.8		35°	0.20	CNGA090308S02035A											★						CNGA322S0835A	
			.079	.125	.031		35°	.008																			
			2.4	3.18	0.4	0.5	30°	0.10	CNGA090304S01030AWH											★						CNGA321S0330AWH	
			.094	.125	.016	.018	30°	.004																			
			2.4	3.18	0.4	0.5	30°	0.10	CNGA090304T01030AWH											★							CNGA321T0330AWH
			.094	.125	.016	.018	30°	.004																			
			2.4	3.18	0.8	0.6	30°	0.10	CNGA090308S01030AWH												★						CNGA322S0330AWH
			.094	.125	.031	.022	30°	.004																			
			2.4	3.18	0.8	0.6	30°	0.10	CNGA090308T01030AWH												★						CNGA322T0330AWH
			.094	.125	.031	.022	30°	.004																			
			12	1/2	12.1	4.76	0.8					CNMA 12 04 08E				★											CNMA 432A
					.476	.188	.031																				
	1.8	4.76			0.4		20°	0.10	CNGA120404S01020A											★						CNGA431S0320A	
	.071	.188			.016		20°	.004																			
	2.6	4.76			0.4		20°	0.10	CNGA120404S01020H													★				CNGA431S0320H	
	.102	.188			.016		20°	.004																			
	3.0	4.76			0.4		30°	0.10	CNGA120404S01030A											☆	★					CNGA431S0330A	
	.118	.188			.016		30°	.004																			
	12.5	4.76			0.4		25°	0.15	CNGA120404S01525							★										CNGA431S0625	
	.492	.188			.016		25°	.006																			
	2.6	4.76			0.4		25°	0.15	CNGA120404S01525H													☆	☆	★		CNGA431S0525H	
	.102	.188			.016		25°	.006																			
	1.8	4.76			0.4		35°	0.20	CNGA120404S02035A												★						CNGA431S0835A
	.071	.188			.016		35°	.008																			
	3.1	4.76			0.4		35°	0.20	CNGA120404S02035B				★												★		CNGA431S0835B
	.122	.188			.016		35°	.008																			
	3.1	4.76			0.4		20°	0.10	CNGA120404T01020B					★											★		CNGA431T0320B
	.122	.188			.016		20°	.004																			
	2.9	4.76			0.8		18°	0.10	CNGA120408S01018A											☆	★						CNGA432S0318A
	.114	.188			.031		18°	.004																			
	2.5	4.76			0.8		20°	0.10	CNGA120408S01020H														★				CNGA432S0320H
	.098	.188			.031		20°	.004																			
	2.9	4.76			0.8		30°	0.10	CNGA120408S01030A											☆	★						CNGA432S0330A
	.114	.188			.031		30°	.004																			
	12.1	4.76			0.8		25°	0.15	CNGA120408S01525								★										CNGA432S0625
	.476	.188			.031		25°	.006																			
	2.5	4.76			0.8		25°	0.15	CNGA120408S01525H														☆	☆	★		CNGA432S0525H
	.098	.188			.031		25°	.006																			
	2.1	4.76			0.8		30°	0.15	CNGA120408S01530B																	★	CNGA432S0630B
	.083	.188			.031		30°	.006																			
	2.5	4.76			0.8		30°	0.20	CNGA120408S02030H															★			CNGA432S0830H
	.098	.188			.031		30°	.008																			
	2.9	4.76	0.8		35°	0.20	CNGA120408S02035A											☆	★						CNGA432S0835A		
	.114	.188	.031		35°	.008																					
2.1	4.76	0.8		35°	0.20	CNGA120408S02035B																	★	CNGA432S0835B			
.083	.188	.031		35°	.008																						
12.1	4.76	0.8		20°	0.10	CNGA120408T01020				★			★											CNGA432T0320			
.476	.188	.031		20°	.004																						
2.1	4.76	0.8		20°	0.10	CNGA120408T01020B					★												★	CNGA432T0320B			
.083	.188	.031		20°	.004																						
2.1	4.76	0.8		30°	0.10	CNGA120408T01030A													★					CNGA432T0330A			
.083	.188	.031		30°	.004																						
12.1	4.76	0.8		25°	0.15	CNGA120408T01525								★										CNGA432T0625			
.476	.188	.031		25°	.006																						
12.1	4.76	0.8		20°	0.25	CNGA120408T02520				★														CNGA432T0820			
.476	.188	.031		20°	.010																						
2.8	4.76	1.2		18°	0.10	CNGA120412S01018A											☆	★						CNGA433S0318A			
.110	.188	.047		18°	.004																						



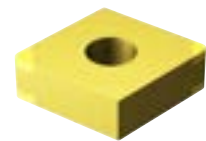
Advanced cutting materials



								ISO CODE	K		S		H								ANSI CODE
	LE	S	RE	BS	GB	BN	6180		650	7525	6160	650	6050	650	7015	7025	7105	7115	7125	7525	
Finishing	12	1/2	2.4 .095	4.76 .188	1.2 .047	20° 20°	0.10 .004	CNGA120412S01020H									★				CNGA433S0320H
			2.8 .110	4.76 .188	1.2 .047	30° 30°	0.10 .004	CNGA120412S01030A							☆	★					CNGA433S0330A
			11.7 .460	4.76 .188	1.2 .047	25° 25°	0.15 .006	CNGA120412S01525					★								CNGA433S0625
			2.4 .094	4.76 .188	1.2 .047	25° 25°	0.15 .006	CNGA120412S01525H									☆	☆	★		CNGA433S0525H
			2.4 .094	4.76 .188	1.2 .047	30° 30°	0.15 .006	CNGA120412S01530B												★	CNGA433S0630B
			2.4 .095	4.76 .188	1.2 .047	30° 30°	0.20 .008	CNGA120412S02030H											★		CNGA433S0830H
			2.8 .110	4.76 .188	1.2 .047	35° 35°	0.20 .008	CNGA120412S02035A							☆	★					CNGA433S0835A
			2.4 .094	4.76 .188	1.2 .047	35° 35°	0.20 .008	CNGA120412S02035B												★	CNGA433S0835B
			11.7 .460	4.76 .188	1.2 .047	20° 20°	0.10 .004	CNGA120412T01020		★			★		★						CNGA433T0320
			2.4 .094	4.76 .188	1.2 .047	20° 20°	0.10 .004	CNGA120412T01020B			★									★	CNGA433T0320B
			2.4 .094	4.76 .188	1.2 .047	30° 30°	0.10 .004	CNGA120412T01030A								★					CNGA433T0330A
			11.7 .460	4.76 .188	1.2 .047	20° 20°	0.25 .010	CNGA120412T02520		★											CNGA433T0820
			2.8 .110	4.76 .188	1.6 .063	25° 25°	0.10 .004	CNGA120416S01025H												★	CNGA434S0325H
			2.7 .106	4.76 .188	1.6 .063	30° 30°	0.10 .004	CNGA120416S01030A								☆	★				CNGA434S0330A
			2.3 .092	4.76 .188	1.6 .063	25° 25°	0.15 .006	CNGA120416S01525H									☆	★			CNGA434S0525H
			2.7 .106	4.76 .188	1.6 .063	35° 35°	0.20 .008	CNGA120416S02035A									★				CNGA434S0835A
			11.3 .445	4.76 .188	1.6 .063	20° 20°	0.10 .004	CNGA120416T01020			★			★							CNGA434T0320
			11.3 .445	4.76 .188	1.6 .063	20° 20°	0.25 .010	CNGA120416T02520		★											CNGA434T0820
			11.7 .460	7.94 .313	1.2 .047	20° 20°	0.25 .010	CNGQ120712T02520		★											CNGQ453T0820
			11.3 .445	7.94 .313	1.6 .063	20° 20°	0.25 .010	CNGQ120716T02520		★											CNGQ454T0820
			11.7 .460	7.94 .313	1.2 .047	20° 20°	0.25 .010	CNGX120712T02520		★											CNGX453T0820
			11.3 .445	7.94 .313	1.6 .063	20° 20°	0.25 .010	CNGX120716T02520		★											CNGX454T0820
			2.1 .083	4.76 .188	0.8 .031			CNGA120408EA								★					CNGA432AA
			2.4 .094	4.76 .188	1.2 .047			CNGA120412EA								★					CNGA433AA
			1.8 .071	4.76 .188	0.4 .016	0.8 .031	20° 20°	0.10 .004	CNGA120404T01020BWG			★								★	CNGA431T0320BWG
			2.9 .114	4.76 .188	0.8 .031	1.0 .039	30° 30°	0.10 .004	CNGA120408S01030AWG							☆	★				CNGA432S0330AWG
			2.5 .098	4.76 .188	0.8 .031	0.6 .022	20° 20°	0.15 .006	CNGA120408S01520HWG									☆	☆	★	CNGA432S0520HWG
			2.1 .083	4.76 .188	0.8 .031	1.0 .039	20° 20°	0.10 .004	CNGA120408T01020BWG			★								★	CNGA432T0320BWG
			12.1 .476	4.76 .188	0.8 .031	1.0 .039	20° 20°	0.10 .004	CNGA120408T01020WG	☆	★				★						CNGA432T0320WG
			2.8 .110	4.76 .188	1.2 .047	1.2 .047	30° 30°	0.10 .004	CNGA120412S01030AWG							☆	★				CNGA433S0330AWG
			2.4 .095	4.76 .188	1.2 .047	1.2 .047	20° 20°	0.15 .006	CNGA120412S01520HWG									☆	★		CNGA433S0520HWG



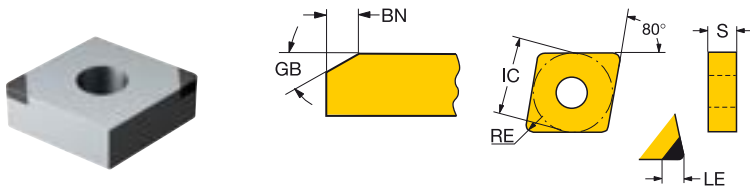
Advanced cutting materials



T-Max® P insert for turning

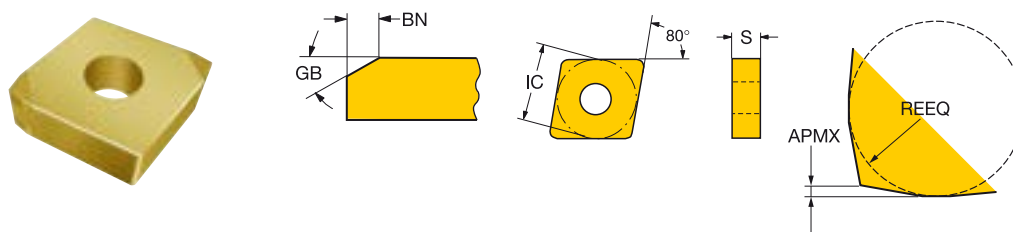
C-style insert (Rhombic 80°)

Advanced cutting materials



			LE	S	RE	BS	GB	BN	ISO CODE	H		ANSI CODE
	12	1/2								7125	7135	
Finishing			2.6	4.76	0.4		30°	0.15	CNGA120404S01530F	★		CNGA431S0530F
			.102	.188	.016		30°	.006				
			2.5	4.76	0.8		30°	0.15	CNGA120408S01530F	★		CNGA432S0530F
			.098	.188	.031		30°	.006				
			2.5	4.76	0.8		35°	0.20	CNGA120408S02035F	★		CNGA432S0835F
			.098	.188	.031		35°	.008				
			2.9	4.76	1.2		30°	0.15	CNGA120412S01530F	★		CNGA433S0530F
			.113	.188	.047		30°	.006				
			2.4	4.76	1.2		35°	0.20	CNGA120412S02035F	★		CNGA433S0835F
			.094	.188	.047		35°	.008				
			2.8	4.76	1.6		35°	0.20	CNGA120416S02035F	★		CNGA434S0835F
			.110	.188	.063		35°	.008				
			3.5	4.76	0.8		30°	0.12	CNGM120408F-HGR	★		CNGM432F-HGR
			.138	.188	.031		30°	.005				
			3.5	4.76	1.2		30°	0.12	CNGM120412F-HGR	★		CNGM433F-HGR
			.138	.188	.047		30°	.005				
			2.5	4.76	0.8	0.6	20°	0.15	CNGA120408S01520FWH	★		CNGA432S0520FWH
			.098	.188	.031	.022	20°	.006				

Advanced cutting materials - Xcel geometry



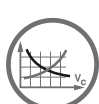
			LE	S	REEQ	APMX	GB	BN	ISO CODE	H				
	12	1/2								7015	7025	7105	7115	7125
Finishing			4.76	2.3	0.3	15°	0.15	CNGX1204L025-18AXA	☆	★				
			.188	.091	.010	15°	.006							
			3.3	4.76	2.3	0.3	15°	0.15	CNGX1204L025-18HXA		☆	☆	★	
			.128	.188	.091	.010	15°	.006						



A227



A283



A348



A379



H37



H28

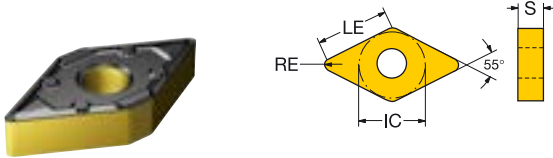


H6



H3

T-Max® P insert for turning
D-style insert (Rhombic 55°)



C

D

E

F

G

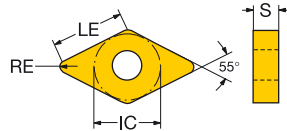
H

		 	LE	S	RE	BS	ISO CODE	P					M				K		N	S				ANSI CODE								
								1515	1525	4305	4315	4325	4335	5015	1125	1515	2015	2025	2035	2220	3210	3225	4325		H13A	1125	1105	1115	1125	H13A	S05F	
Finishing	WF	11 3/8	11.2	4.76	0.40	0.5	DNMX 11 04 04-WF	☆		★	☆		☆			★					★	☆									DNMX 331-WF	
			.442	.188	.016	.020																										DNMX 332-WF
			10.8	4.76	0.79	0.6	DNMX 11 04 08-WF		☆	☆	★	☆		☆			★				★	☆	☆									DNMX 333-WF
			.426	.188	.031	.024																										
		15 1/2	14.7	4.76	0.79	0.6	DNMX 15 04 08-WF			★											★	☆										DNMX 432-WF
			.579	.188	.031	.024																										
			14.3	4.76	1.19	0.8	DNMX 15 04 12-WF															★										DNMX 433-WF
			.563	.188	.047	.030																										
			15.1	6.35	0.40	0.5	DNMX 15 06 04-WF				★	☆		☆									☆									DNMX 441-WF
			.595	.250	.016	.020																										
			14.7	6.35	0.79	0.6	DNMX 15 06 08-WF		☆	☆	★	☆		☆	☆	★						★	☆	☆								DNMX 442-WF
			.579	.250	.031	.024																										
			14.3	6.35	1.19	0.8	DNMX 15 06 12-WF			☆	★	☆										★	☆	☆								DNMX 443-WF
			.563	.250	.047	.030																										
	PF	11 3/8	11.2	4.76	0.40		DNMG 11 04 04-PF		☆		★	☆		☆									☆									DNMG 331-PF
			.442	.188	.016																											DNMG 332-PF
			10.8	4.76	0.79		DNMG 11 04 08-PF		☆	☆	★	☆		☆										☆								DNMG 333-PF
			.426	.188	.031																											
		15 1/2	14.7	4.76	0.79		DNMG 15 04 08-PF		☆	☆	★	☆		☆										☆								DNMG 432-PF
			.579	.188	.031																											
			14.3	4.76	1.19		DNMG 15 04 12-PF				☆	★	☆		☆									☆								DNMG 433-PF
			.563	.188	.047																											
			15.1	6.35	0.40		DNMG 15 06 04-PF			☆		★	☆		☆									☆								DNMG 441-PF
			.595	.250	.016																											
			14.7	6.35	0.79		DNMG 15 06 08-PF			☆	☆	★	☆		☆									☆								DNMG 442-PF
			.579	.250	.031																											
			14.3	6.35	1.19		DNMG 15 06 12-PF			☆	☆	★	☆		☆										☆							DNMG 443-PF
			.563	.250	.047																											
	KF	11 3/8	11.2	4.76	0.40		DNMG 11 04 04-KF															★	☆									DNMG 331-KF
			.442	.188	.016																											DNMG 332-KF
			10.8	4.76	0.79		DNMG 11 04 08-KF																★	☆								DNMG 333-KF
			.426	.188	.031																											
		15 1/2	15.1	4.76	0.40		DNMG 15 04 04-KF																★	☆								DNMG 431-KF
			.595	.188	.016																											
			14.7	4.76	0.79		DNMG 15 04 08-KF																★	☆								DNMG 432-KF
			.579	.188	.031																											
			15.1	6.35	0.40		DNMG 15 06 04-KF																	★	☆							DNMG 441-KF
			.595	.250	.016																											
			14.7	6.35	0.79		DNMG 15 06 08-KF																	★	☆							DNMG 442-KF
			.579	.250	.031																											
			14.3	6.35	1.19		DNMG 15 06 12-KF																	★								DNMG 443-KF
			.563	.250	.047																											
	MF	11 3/8	11.2	4.76	0.40		DNMG 11 04 04-MF							☆	☆	★	☆								★	☆	☆					DNMG 331-MF
			.442	.188	.016																											DNMG 332-MF
			10.8	4.76	0.79		DNMG 11 04 08-MF								☆	☆	★	☆							★	☆	☆					DNMG 333-MF
			.426	.188	.031																											
		15 1/2	15.1	4.76	0.40		DNMG 15 04 04-MF								☆	☆	★	☆								☆	☆	☆				DNMG 431-MF
			.595	.188	.016																											
			14.7	4.76	0.79		DNMG 15 04 08-MF								☆	☆	★	☆							★	☆	☆					DNMG 432-MF
			.579	.188	.031																											
			14.3	4.76	1.19		DNMG 15 04 12-MF									☆		★								★						DNMG 433-MF
			.563	.188	.047																											
			15.1	6.35	0.40		DNMG 15 06 04-MF								☆	☆	★	☆							★	☆	☆					DNMG 441-MF
			.595	.250	.016																											
			14.7	6.35	0.79		DNMG 15 06 08-MF								☆	☆	★	☆							★	☆	☆					DNMG 442-MF
			.579	.250	.031																											
		14.3	6.35	1.19		DNMG 15 06 12-MF								☆	☆		★							★	☆	☆					DNMG 443-MF	
		.563	.250	.047																												



T-Max® P insert for turning

D-style insert (Rhombic 55°)



				LE	S	RE	BS	ISO CODE	P					M					K		N	S				ANSI CODE													
									1515	1525	4305	4315	4325	4335	5015	1125	1515	2015	2025	2035	2220	3210	3225	4325	H13A		1125	1105	1115	1125	H13A	SGF							
Finishing	K	15	1/2	15.1	4.76	0.40		DNMG 15 04 04R/L-K						☆									☆													DNMG 431L-K			
				.595	.188	.016																														DNMG 431R-K			
				15.1	4.76	0.40		DNMG 15 04 04R-K				★																									DNMG 432L-K		
				.595	.188	.016																															DNMG 432R-K		
				14.7	4.76	0.79		DNMG 15 04 08R/L-K						☆											☆											DNMG 441L-K			
				.579	.188	.031																															DNMG 442L-K		
				14.7	4.76	0.79		DNMG 15 04 08R-K				★																									DNMG 442R-K		
				.579	.188	.031																																	
				15.1	6.35	0.40		DNMG 15 06 04R/L-K		☆		★	☆													☆													
				.595	.250	.016																																	
			14.7	6.35	0.79		DNMG 15 06 08R/L-K				★	☆														☆													
			.579	.250	.031																																		
			14.7	6.35	0.79		DNMG 15 06 08R-K			☆																													
			.579	.250	.031																																		
	SGF	15	1/2	13.6	4.76	0.10		DNGG 15 04 01-SGF							☆												★	☆	☆	☆							DNGG 43(.30)-SGF		
				.533	.188	.004																						★	☆	☆	☆							DNGG 43(.50)-SGF	
				13.5	4.76	0.20		DNGG 15 04 02-SGF							☆													★	☆	☆	☆								
				.530	.188	.008																							★	☆	☆	☆	☆						DNGG 431-SGF
				6.4	4.76	0.40		DNGG 15 04 04-SGF								☆												★	☆	☆	☆	☆							DNGG 432-SGF
				.252	.188	.016																							★	☆	☆	☆	☆						
				6.4	4.76	0.79		DNGG 15 04 08-SGF								☆												★	☆	☆	☆	☆							DNGG 433-SGF
				.252	.188	.031																							★			☆							
				6.4	4.76	1.19		DNGG 15 04 12-SGF																				★				☆							
				.252	.188	.047																																	
		6.4	6.35	0.40		DNGG 15 06 04-SGF								☆												★	☆	☆	☆	☆								DNGG 441-SGF	
		.252	.250	.016																							★	☆	☆	☆	☆								
		6.4	6.35	0.79		DNGG 15 06 08-SGF								☆												★	☆	☆	☆	☆								DNGG 442-SGF	
		.252	.250	.031																							★	☆	☆	☆	☆								
		6.4	6.35	1.19		DNGG 15 06 12-SGF																				★	☆			☆								DNGG 443-SGF	
		.252	.250	.047																																			
SF	11	3/8	11.2	4.76	0.40		DNMG 11 04 04-SF							☆												★	☆	☆	☆								DNMG 331-SF		
			.442	.188	.016																						★	☆	☆	☆								DNMG 332-SF	
			10.8	4.76	0.79		DNMG 11 04 08-SF							☆													★	☆	☆	☆									
			.426	.188	.031																																		
	15	1/2	6.4	4.76	0.40		DNMG 15 04 04-SF							☆													★	☆	☆	☆	☆						DNMG 431-SF		
			.252	.188	.016																							★	☆	☆	☆	☆							
			6.4	4.76	0.79		DNMG 15 04 08-SF								☆												★	☆	☆	☆	☆							DNMG 432-SF	
			.252	.188	.031																																		
		6.4	6.35	0.40		DNMG 15 06 04-SF								☆													★	☆	☆	☆	☆							DNMG 441-SF	
		.252	.250	.016																																			
		6.4	6.35	0.79		DNMG 15 06 08-SF								☆													★	☆	☆	☆	☆							DNMG 442-SF	
		.252	.250	.031																																			
		6.4	6.35	1.19		DNMG 15 06 12-SF																				★					☆								
		.252	.250	.047																																			
XF	15	1/2	15.1	4.76	0.40		DNMG 15 04 04-XF				★	☆				★						☆															DNMG 431-XF		
			.595	.188	.016																																		
			14.7	4.76	0.79		DNMG 15 04 08-XF					★	☆															☆										DNMG 432-XF	
			.579	.188	.031																																		
			15.1	6.35	0.40		DNMG 15 06 04-XF					★	☆				☆	★						☆													DNMG 441-XF		
			.595	.250	.016																																		
		14.7	6.35	0.79		DNMG 15 06 08-XF					★	☆					★	☆																		DNMG 442-XF			
		.579	.250	.031																																			

C

D

E

F

G

H



A227



A283



A348



A379



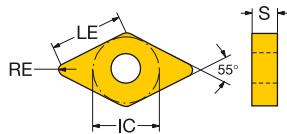
H37



H6

T-Max® P insert for turning

D-style insert (Rhombic 55°)



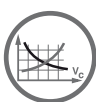
		 	LE	S	RE	BS	ISO CODE	P					M					K	N	S					ANSI CODE					
								1515	1525	4305	4315	4325	4335	5015	1125	1515	2015	2025	2035	2220	3210	3225	4325	H13A		1125	1105	1115	1125	H13A
Medium	WM	11	3/8	10.8	4.76	0.79	0.7	DNMX 11 04 08-WM			☆	☆	★				★		★										DNMX 332-WM	
				.426	.188	.031	.028					☆	☆	☆	★				★									DNMX 333-WM		
				.411	.188	.047	.031																							
		15	1/2	14.7	4.76	0.79	0.7	DNMX 15 04 08-WM				☆	★						★									DNMX 432-WM		
				.579	.188	.031	.028													★									DNMX 433-WM	
				.563	.188	.047	.031					☆	☆	★						★									DNMX 434-WM	
				.547	.188	.063	.039						☆	★						★									DNMX 442-WM	
				.579	.250	.031	.028					☆	☆	☆	★			★		☆	☆								DNMX 443-WM	
				.563	.250	.047	.031				☆	☆	☆	★			★		★	☆									DNMX 444-WM	
				.547	.250	.063	.039						☆	★					★	☆										
		WMX	15	1/2	14.7	4.76	0.79	0.9	DNMX 15 04 08-WMX			★																		DNMX 432-WMX
					.579	.188	.031	.035																						
					14.7	6.35	0.79	0.9	DNMX 15 06 08-WMX				☆	☆	★			★		★	☆									DNMX 442-WMX
					.579	.250	.031	.035													☆	☆	☆							DNMX 443-WMX
					14.3	6.35	1.19	1.0	DNMX 15 06 12-WMX				☆	☆	★			★		★	☆	☆								DNMX 444-WMX
					.563	.250	.047	.037				☆	☆	★			★		★	☆										
	PM	11	3/8	11.2	4.76	0.40		DNMG 11 04 04-PM				☆	☆	★					★										DNMG 331-PM	
				.442	.188	.016														★									DNMG 332-PM	
				10.8	4.76	0.79		DNMG 11 04 08-PM		☆	☆	☆	☆	★						★									DNMG 333-PM	
				.426	.188	.031															★									
				10.4	4.76	1.19		DNMG 11 04 12-PM			☆	☆	☆	★							★									
				.411	.188	.047																								
		15	1/2	15.1	4.76	0.40		DNMG 15 04 04-PM				☆	☆	★						★									DNMG 431-PM	
				.595	.188	.016																								
				14.7	4.76	0.79		DNMG 15 04 08-PM			☆	☆	☆	★							★									DNMG 432-PM
				.579	.188	.031																								
				14.3	4.76	1.19		DNMG 15 04 12-PM			☆	☆	☆	★							★									DNMG 433-PM
				.563	.188	.047																								
				15.1	6.35	0.40		DNMG 15 06 04-PM				☆	☆	★							★									DNMG 441-PM
				.595	.250	.016																								
				14.7	6.35	0.79		DNMG 15 06 08-PM		☆	☆	☆	☆	★							★									DNMG 442-PM
				.579	.250	.031																								
	MM	11	3/8	10.8	4.76	0.79		DNMG 11 04 08-MM							☆	☆	★	☆	☆				☆		☆	★			DNMG 332-MM	
				.426	.188	.031										☆	★		☆										DNMG 333-MM	
				.411	.188	.047																								
		15	1/2	14.7	4.76	0.79		DNMG 15 04 08-MM							☆	☆	★	☆	☆				☆		☆	★			DNMG 432-MM	
				.579	.188	.031																								
				14.3	4.76	1.19		DNMG 15 04 12-MM									☆	★		☆									DNMG 433-MM	
				.563	.188	.047																								
				14.7	6.35	0.79		DNMG 15 06 08-MM							☆	☆	★	☆	☆				☆		☆	★			DNMG 442-MM	
				.579	.250	.031																								
				14.3	6.35	1.19		DNMG 15 06 12-MM										☆	★	☆	☆									DNMG 443-MM
				.563	.250	.047																								



A227



A283



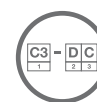
A348



A379

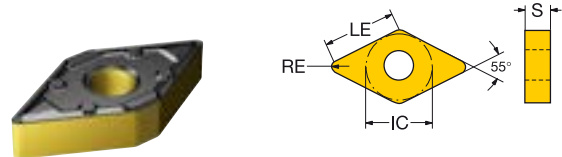


H37



H6

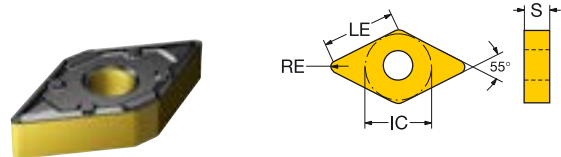
T-Max® P insert for turning
D-style insert (Rhombic 55°)



		 	LE	S	RE	BS	ISO CODE	P					M					K		N	S					ANSI CODE						
								1515	1525	4305	4315	4325	4335	5015	1125	1515	2015	2025	2035	2220	3210	3225	4325	H13A	1125		1105	1115	1125	H13A	S05F	
Medium	XM	15 1/2	15.1	4.76	0.40		DNMG 15 04 04-XM				☆	★									★									DNMG 431-XM		
			.595	.188	.016																	★								DNMG 432-XM		
			14.7	4.76	0.79		DNMG 15 04 08-XM					☆	★					★												DNMG 441-XM		
			.579	.188	.031																										DNMG 442-XM	
			15.1	6.35	0.40		DNMG 15 06 04-XM						★									★									DNMG 443-XM	
			.595	.250	.016																											
			14.7	6.35	0.79		DNMG 15 06 08-XM					☆	★					★				★										
			.579	.250	.031																											
		14.3	6.35	1.19		DNMG 15 06 12-XM				☆	★									★												
		.563	.250	.047																												
Roughing	MR	15 1/2	14.7	6.35	0.79		DNMM 15 06 08-MR										★		☆											DNMM 442-MR		
			.579	.250	.031																											
			14.3	6.35	1.19		DNMM 15 06 12-MR											★		☆											DNMM 443-MR	
		.563	.250	.047																												
	XMR	15 1/2	14.3	6.35	1.19		DNMG 15 06 12-XMR				☆	★									★		★								DNMG 443-XMR	
			.563	.250	.047																											
	PR	15 1/2	14.7	4.76	0.79		DNMG 15 04 08-PR				☆	☆	☆	★								★									DNMG 432-PR	
			.579	.188	.031																											
			14.3	4.76	1.19		DNMG 15 04 12-PR				☆	☆	☆	★								★										DNMG 433-PR
			.563	.188	.047																											
			13.9	4.76	1.59		DNMG 15 04 16-PR				☆	☆	★										★									DNMG 434-PR
			.547	.188	.063																											
			14.7	6.35	0.79		DNMG 15 06 08-PR				☆	☆	☆	★									★								DNMG 442-PR	
			.579	.250	.031																											
			14.3	6.35	1.19		DNMG 15 06 12-PR				☆	☆	☆	★									★									DNMG 443-PR
			.563	.250	.047																											
			13.9	6.35	1.59		DNMG 15 06 16-PR				☆	☆	☆	★									★									DNMG 444-PR
			.547	.250	.063																											
	KR	19 5/8	18.6	6.35	0.79		DNMG 19 06 08-PR				☆	☆	★									★									DNMG 542-PR	
			.731	.250	.031																											
			18.2	6.35	1.19		DNMG 19 06 12-PR				☆	☆	★										★									DNMG 543-PR
			.716	.250	.047																											
		15 1/2	14.7	6.35	0.79		DNMM 15 06 08-PR				☆	☆	★										★								DNMM 442-PR	
			.579	.250	.031																											
			14.3	6.35	1.19		DNMM 15 06 12-PR				☆	☆	☆	★									★								DNMM 443-PR	
			.563	.250	.047																											
			13.9	6.35	1.59		DNMM 15 06 16-PR				☆	☆	☆	★									★									DNMM 444-PR
			.547	.250	.063																											
		KR	15 1/2	14.7	4.76	0.79		DNMA 15 04 08-KR															★									DNMA 432-KR
				.579	.188	.031																										
	14.3		4.76	1.19		DNMA 15 04 12-KR															☆	★								DNMA 433-KR		
	.563		.188	.047																												
	14.7		6.35	0.79		DNMA 15 06 08-KR															☆	★								DNMA 442-KR		
	.579		.250	.031																												
	14.3		6.35	1.19		DNMA 15 06 12-KR															☆	★								DNMA 443-KR		
	.563		.250	.047																												
	13.9		6.35	1.59		DNMA 15 06 16-KR															☆	★								DNMA 444-KR		
	.547		.250	.063																												
	14.7		4.76	0.79		DNMG 15 04 08-KR																★									DNMG 432-KR	
	.579		.188	.031																												
	14.3		4.76	1.19		DNMG 15 04 12-KR																★									DNMG 433-KR	
	.563		.188	.047																												
	14.7		6.35	0.79		DNMG 15 06 08-KR															☆	★									DNMG 442-KR	
	.579		.250	.031																												
	14.3	6.35	1.19		DNMG 15 06 12-KR															☆	★									DNMG 443-KR		
	.563	.250	.047																													
	13.9	6.35	1.59		DNMG 15 06 16-KR															☆	★									DNMG 444-KR		
		.547	.250	.063																												

T-Max® P insert for turning

D-style insert (Rhombic 55°)

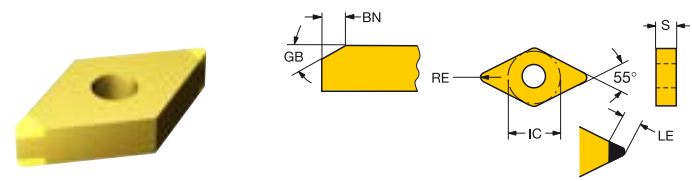


		 LE  S RE BS				ISO CODE	P					M				K		N	S				ANSI CODE													
		1515	1525	4305	4315		4325	4335	5015	1125	1515	2015	2025	2035	2220	3210	3225	4325	H13A	1125	1105	1115		1125	H13A	SC5F										
Roughing	MR	15	1/2	14.7	4.76	0.79	DNMG 15 04 08-MR																								DNMG 432-MR					
				.579	.188	.031																										DNMG 433-MR				
				14.3	4.76	1.19	DNMG 15 04 12-MR																									DNMG 434-MR				
				.563	.188	.047																											DNMG 442-MR			
				13.9	4.76	1.59	DNMG 15 04 16-MR																										DNMG 443-MR			
				.547	.188	.063																												DNMG 444-MR		
				14.7	6.35	0.79	DNMG 15 06 08-MR																												DNMG 444-MR	
				.579	.250	.031																														DNMG 444-MR
				14.3	6.35	1.19	DNMG 15 06 12-MR																													DNMG 444-MR
				.563	.250	.047																														
		13.9	6.35	1.59	DNMG 15 06 16-MR																														DNMG 444-MR	
		.547	.250	.063																																

T-Max® P insert for turning

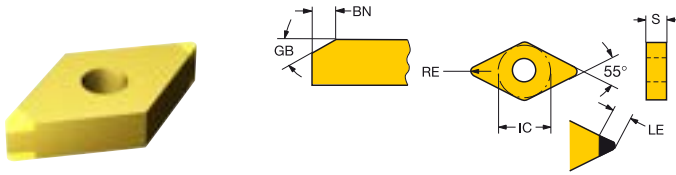
D-style insert (Rhombic 55°)

Advanced cutting materials



			LE	S	RE	BS	GB	BN	ISO CODE	K				S	H						ANSI CODE			
										6190	660	7525	660	6050	660	7015	7025	7105	7115	7125		7525		
Finishing	11	3/8	1.8	4.76	0.4		20°	0.10	DNGA110404S01020A									★					DNGA331S0320A	
			.071	.188	.016		20°	.004																
			3.2	4.76	0.4		30°	0.10	DNGA110404S01030A							☆	★						DNGA331S0330A	
			.126	.188	.016		30°	.004																
			2.9	4.76	0.4		25°	0.15	DNGA110404S01525H									☆	☆	★			DNGA331S0525H	
			.114	.188	.016		25°	.006																
			1.8	4.76	0.4		20°	0.10	DNGA110404T01020B			★										★	DNGA331T0320B	
			.071	.188	.016		20°	.004																
			2.1	4.76	0.8		20°	0.10	DNGA110408S01020A									★					DNGA332S0320A	
			.083	.188	.031		20°	.004																
			2.8	4.76	0.8		30°	0.10	DNGA110408S01030A								☆	★					DNGA332S0330A	
			.110	.188	.031		30°	.004																
			2.5	4.76	0.8		25°	0.15	DNGA110408S01525H										☆	☆	★		DNGA332S0525H	
			.098	.188	.031		25°	.006																
			1.8	4.76	0.8		35°	0.20	DNGA110408S02035A										★				DNGA332S0835A	
			.071	.188	.031		35°	.008																
			2.1	4.76	0.8		20°	0.10	DNGA110408T01020B				★										★	DNGA332T0320B
			.083	.188	.031		20°	.004																
			2.5	4.76	1.2		30°	0.10	DNGA110412S01030A									★						DNGA333S0330A
			.098	.188	.047		30°	.004																
			2.1	4.76	1.2		25°	0.15	DNGA110412S01525H										☆	★				DNGA333S0525H
			.084	.188	.047		25°	.006																
	15	1/2	1.8	4.76	0.4		20°	0.10	DNGA150404S01020A									★					DNGA431S0320A	
			.071	.188	.016		20°	.004																
			2.9	4.76	0.4		20°	0.10	DNGA150404S01020H										★				DNGA431S0320H	
			.113	.188	.016		20°	.004																
			4.0	4.76	0.4		30°	0.10	DNGA150404S01030A								☆	★					DNGA431S0330A	
			.157	.188	.016		30°	.004																
			15.1	4.76	0.4		25°	0.15	DNGA150404S01525					★									DNGA431S0625	
			.595	.188	.016		25°	.006																
			2.9	4.76	0.4		25°	0.15	DNGA150404S01525H										☆	☆	★		DNGA431S0525H	
			.114	.188	.016		25°	.006																
			1.8	4.76	0.4		35°	0.20	DNGA150404S02035A										★				DNGA431S0835A	
			.071	.188	.016		35°	.008																
			2.1	4.76	0.8		20°	0.10	DNGA150408S01020A									★					DNGA432S0320A	
			.083	.188	.031		20°	.004																
			2.5	4.76	0.8		20°	0.10	DNGA150408S01020H										★				DNGA432S0320H	
			.098	.188	.031		20°	.004																
			3.6	4.76	0.8		30°	0.10	DNGA150408S01030A								☆	★					DNGA432S0330A	
			.142	.188	.031		30°	.004																
			14.7	4.76	0.8		25°	0.15	DNGA150408S01525					★									DNGA432S0625	
			.579	.188	.031		25°	.006																
			2.5	4.76	0.8		25°	0.15	DNGA150408S01525H										☆	☆	★		DNGA432S0525H	
			.098	.188	.031		25°	.006																
2.2	4.76	0.8		30°	0.15	DNGA150408S01530B														★	DNGA432S0630B			
.087	.188	.031		30°	.006																			
2.5	4.76	0.8		30°	0.20	DNGA150408S02030H												★			DNGA432S0830H			
.098	.188	.031		30°	.008																			
2.1	4.76	0.8		35°	0.20	DNGA150408S02035A									☆	★					DNGA432S0835A			
.083	.188	.031		35°	.008																			
14.7	4.76	0.8		20°	0.10	DNGA150408T01020			★		★		★								DNGA432T0320			
.579	.188	.031		20°	.004																			
14.7	4.76	0.8		25°	0.15	DNGA150408T01525						★									DNGA432T0625			
.579	.188	.031		25°	.006																			
14.7	4.76	0.8		20°	0.25	DNGA150408T02520			★												DNGA432T0820			
.579	.188	.031		20°	.010																			
2.1	4.76	1.2		20°	0.10	DNGA150412S01020H												★			DNGA433S0320H			
.084	.188	.047		20°	.004																			
3.3	4.76	1.2		30°	0.10	DNGA150412S01030A										☆	★				DNGA433S0330A			
.130	.188	.047		30°	.004																			

Advanced cutting materials



		LE	S	RE	BS	GB	BN	ISO CODE	H													ANSI CODE										
									K 6190	K 650	S 7525	S 650	S 6650	S 680	H 7015	H 7025	H 7105	H 7115	H 7125	H 7525												
Finishing	15	1/2	14.3	4.76	1.2	25°	0.15	DNGA150412S01525						★																	DNGA433S0625	
			.563	.188	.047		25°	.006																								
			3.2	4.76	1.2	25°	0.15	DNGA150412S01525H									☆	☆	★												DNGA433S0525H	
			.125	.188	.047		25°	.006																								
			3.3	4.76	1.2	30°	0.15	DNGA150412S01530B																			★				DNGA433S0630B	
			.130	.188	.047		30°	.006																								
			2.1	4.76	1.2	30°	0.20	DNGA150412S02030H											★												DNGA433S0830H	
			.084	.188	.047		30°	.008																								
			2.4	4.76	1.2	35°	0.20	DNGA150412S02035A								☆	★															DNGA433S0835A
			.094	.188	.047		35°	.008																								
			14.3	4.76	1.2	20°	0.10	DNGA150412T01020		★		★		★																		DNGA433T0320
			.563	.188	.047		20°	.004																								
			14.3	4.76	1.2	20°	0.25	DNGA150412T02520	★																							DNGA433T0820
			.563	.188	.047		20°	.010																								
			2.9	4.76	1.6	30°	0.10	DNGA150416S01030A								☆	★															DNGA434S0320A
			.114	.188	.063		30°	.004																								
			2.5	4.76	1.6	25°	0.15	DNGA150416S01525H											☆	☆	★											DNGA434S0525H
			.098	.188	.063		25°	.006																								
			13.9	4.76	1.6	20°	0.10	DNGA150416T01020		★		★		★																		DNGA434T0320
			.547	.188	.063		20°	.004																								
			15.1	6.35	0.4	25°	0.15	DNGA150604S01525						★																		DNGA441S0625
			.595	.250	.016		25°	.006																								
			14.7	6.35	0.8	25°	0.15	DNGA150608S01525						★																		DNGA442S0625
			.579	.250	.031		25°	.006																								
			14.7	6.35	0.8	25°	0.15	DNGA150608T01525						★																		DNGA442T0625
			.579	.250	.031		25°	.006																								
			14.3	6.35	1.2	25°	0.15	DNGA150612S01525						★																		DNGA443S0625
			.563	.250	.047		25°	.006																								
			14.7	7.94	0.8	20°	0.25	DNGQ150708T02520	★																							DNGQ452T0820
			.579	.313	.031		20°	.010																								
			14.3	7.94	1.2	20°	0.25	DNGQ150712T02520	★																							DNGQ453T0820
			.563	.313	.047		20°	.010																								
			13.9	7.94	1.6	20°	0.25	DNGQ150716T02520	★																							DNGQ454T0820
			.547	.313	.063		20°	.010																								
			2.2	4.76	0.8				DNGA150408EA							★																DNGA432AA
			.087	.188	.031																											
		2.5	4.76	1.2				DNGA150412EA							★																DNGA433AA	
		.098	.188	.047																												
		3.6	4.76	0.8	0.6	30°	0.10	DNGA150408S01030AWH							☆	★															DNGA432S0330AWH	
		.142	.188	.031	.022	30°	.004																									
		2.5	4.76	0.8	0.6	20°	0.15	DNGA150408S01520HWH										☆	☆	★											DNGA432S0520HWH	
		.098	.188	.031	.022	20°	.006																									
		2.1	4.76	0.8	0.6	35°	0.20	DNGA150408S02035AWH								★															DNGA432S0835AWH	
		.083	.188	.031	.022	35°	.008																									
		3.3	4.76	1.2	0.6	30°	0.10	DNGA150412S01030AWH							☆	★															DNGA433S0330AWH	
		.130	.188	.047	.024	30°	.004																									
		2.1	4.76	1.2	0.6	20°	0.15	DNGA150412S01520HWH									☆	★													DNGA433S0520HWH	
		.084	.188	.047	.024	20°	.006																									



A227



A283



A348



A379



H37



H28



H6

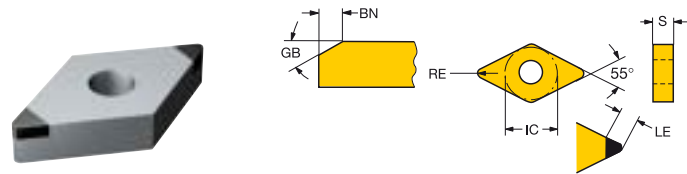


H3

T-Max® P insert for turning

D-style insert (Rhombic 55°)

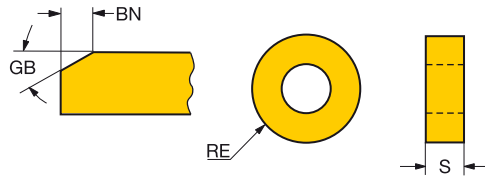
Advanced cutting materials



											H		
											7125	7135	
Finishing			LE	S	RE	GB	BN	ISO CODE		ANSI CODE			
	11	3/8	2.9	4.76	0.4	30°	0.15	DNGA110404S01530F		★	DNGA331S0530F		
			.114	.188	.016	30°	.006						
			2.5	4.76	0.8	30°	0.15	DNGA110408S01530F		★	DNGA332S0530F		
			.098	.188	.031	30°	.006						
	15	1/2	2.5	4.76	0.8	30°	0.15	DNGA150408S01530F		★	DNGA432S0530F		
			.098	.188	.031	30°	.006						
			2.5	4.76	0.8	35°	0.20	DNGA150408S02035F		★	DNGA432S0835F		
			.098	.188	.031	35°	.008						
			3.2	4.76	1.2	30°	0.15	DNGA150412S01530F		★	DNGA433S0530F		
			.125	.188	.047	30°	.006						
			3.2	4.76	1.2	35°	0.20	DNGA150412S02035F		★	DNGA433S0835F		
			.125	.188	.047	35°	.008						
			3.5	4.76	0.8	30°	0.12	DNGM150408F-HGR		★	DNGM432F-HGR		
			.138	.188	.031	30°	.005						
			3.5	4.76	1.2	30°	0.12	DNGM150412F-HGR		★	DNGM433F-HGR		
			.138	.188	.047	30°	.005						

T-Max® P insert for turning

R-style insert (Round)



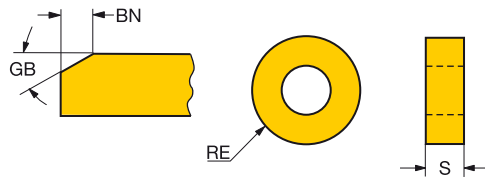
Metric version

			S	RE	GB	BN	ISO CODE	P					M		K			S	
								4305	4315	4325	4335	HT3A	HT3A	4305	4315	4325	HT3A	HT3A	S05F
Medium	00	10	3.18	5.00	15°	0.20	RCMX 10 03 00	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
		12	4.76	6.00	15°	0.20	RCMX 12 04 00	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
		16	6.35	8.00	15°	0.25	RCMX 16 06 00	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
		20	6.35	10.00	15°	0.30	RCMX 20 06 00	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
	E	10	3.18	5.00			RCMX 10 03 00E												☆
		12	4.76	6.00			RCMX 12 04 00E												☆

Inch version

			S	RE	ISO CODE	P				M				K				S				ANSI CODE		
						4305	4315	4325	4335	1105	1115	1125	H13A	3210	3225	4305	4315	4325	1105	1115	1125		H13A	S05F
Medium	SM	3/4	.250	.375	RNMG 19 06 00-SM					☆	★	☆	☆						★	☆	☆	☆	☆	RNMG 64-SM
	00	3/8	.125	.188	RNMG 09 03 00			☆	★						★			☆						RNMG 32
		1/2	.188	.250	RNMG 12 04 00	☆	☆	☆	★					★	☆	☆	☆	☆						RNMG 43
		5/8	.250	.313	RNMG 15 06 00	☆	☆	☆	★						☆	☆	★							RNMG 54
		3/4	.250	.375	RNMG 19 06 00		☆	☆	☆	★					★	☆	☆	☆						RNMG 64

Advanced cutting materials



				S	RE	GB	BN	ISO CODE	K S H			ANSI CODE
									650	650	650	
Finishing	12	1/2	4.76	6.35	20°	0.10		RNGA120400T01020	☆	☆	☆	RNGA43T0320
			.188	.250	20°	.004						



A227



A283



A348



A379



H37



H28

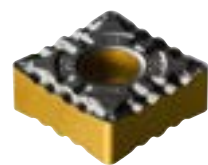


H6



H3

S-style insert (Square)

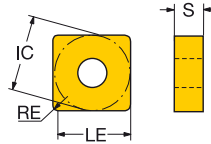


					LE	S	RE	ISO CODE	P					M				K		N	S				ANSI CODE			
		1525	4305	4315					4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125	1105	1115		1125	6160	H13A
Finishing	PF	12	1/2	11.9	4.76	0.79	SNMG 12 04 08-PF	☆	☆	★	☆	☆						☆									SNMG 432-PF	
				.469	.188	.031																						
				11.5	4.76	1.19	SNMG 12 04 12-PF	☆		★	☆	☆					☆										SNMG 433-PF	
			.453	.188	.047																							
	MF	12	1/2	12.3	4.76	0.40	SNMG 12 04 04-MF						☆	☆	☆	★		☆			★	☆					SNMG 431-MF	
				.484	.188	.016																						
			11.9	4.76	0.79	SNMG 12 04 08-MF						☆	☆	☆	★		☆			★	☆					SNMG 432-MF		
		.469	.188	.031																								
Medium	PM	09	3/8	9.1	3.18	0.40	SNMG 09 03 04-PM			☆	☆	★							★								SNMG 321-PM	
				.359	.125	.016																						
				8.7	3.18	0.79	SNMG 09 03 08-PM			☆	☆	★							★								SNMG 322-PM	
				.344	.125	.031																						
		12	1/2	12.3	4.76	0.40	SNMG 12 04 04-PM			☆	☆	★							★								SNMG 431-PM	
				.484	.188	.016																						
				11.9	4.76	0.79	SNMG 12 04 08-PM		☆	☆	☆	★							★								SNMG 432-PM	
				.469	.188	.031																						
				11.5	4.76	1.19	SNMG 12 04 12-PM		☆	☆	☆	★							★								SNMG 433-PM	
			.453	.188	.047																							
			11.1	4.76	1.59	SNMG 12 04 16-PM			☆	☆	★							★								SNMG 434-PM		
			.437	.188	.063																							
		15	5/8	14.7	6.35	1.19	SNMG 15 06 12-PM		☆	☆	☆	★							★								SNMG 543-PM	
			.578	.250	.047																							
			14.3	6.35	1.59	SNMG 15 06 16-PM			☆	★									★								SNMG 544-PM	
			.562	.250	.063																							
	MM	12	1/2	11.9	4.76	0.79	SNMG 12 04 08-MM						☆	☆	☆	★	☆	☆			☆		☆	★				SNMG 432-MM
				.469	.188	.031																						
			11.5	4.76	1.19	SNMG 12 04 12-MM								☆	★	☆	☆										SNMG 433-MM	
			.453	.188	.047																							
			11.1	4.76	1.59	SNMG 12 04 16-MM								☆	★	☆	☆										SNMG 434-MM	
			.437	.188	.063																							
15		5/8	14.7	6.35	1.19	SNMG 15 06 12-MM								★	☆	☆										SNMG 543-MM		
			.578	.250	.047																							
			14.3	6.35	1.59	SNMG 15 06 16-MM									★		☆										SNMG 544-MM	
		.562	.250	.063																								
KM	19	3/4	17.9	6.35	1.19	SNMG 19 06 12-MM									★	☆	☆										SNMG 643-MM	
			.703	.250	.047																							
			17.5	6.35	1.59	SNMG 19 06 16-MM									★	☆	☆										SNMG 644-MM	
			.687	.250	.063																							
	09	3/8	8.7	3.18	0.79	SNMG 09 03 08-KM										★	☆										SNMG 322-KM	
			.344	.125	.031																							
	12	1/2	11.9	4.76	0.79	SNMG 12 04 08-KM										★	☆										SNMG 432-KM	
			.469	.188	.031																							
			11.5	4.76	1.19	SNMG 12 04 12-KM											★	☆									SNMG 433-KM	
		.453	.188	.047																								
		11.1	4.76	1.59	SNMG 12 04 16-KM											★	☆									SNMG 434-KM		
		.437	.188	.063																								
	15	5/8	14.7	6.35	1.19	SNMG 15 06 12-KM										★	☆									SNMG 543-KM		
		.578	.250	.047																								
		14.3	6.35	1.59	SNMG 15 06 16-KM											★	☆									SNMG 544-KM		
		.562	.250	.063																								
	19	3/4	17.9	6.35	1.19	SNMG 19 06 12-KM										★	☆										SNMG 643-KM	
		.703	.250	.047																								
		17.5	6.35	1.59	SNMG 19 06 16-KM											★	☆										SNMG 644-KM	
		.687	.250	.063																								



T-Max® P insert for turning

S-style insert (Square)



					ISO CODE	P					M					K		N	S					ANSI CODE								
						LE	S	RE	1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325		H13A	1125	1105	1115	1125	6180	H13A	S05F
QM	09 3/8	9.1	3.18	0.40	SNMG 09 03 04-QM					★												★									SNMG 321-QM	
		.359	.125	.016																		★	★						★	SNMG 322-QM		
		8.7	3.18	0.79	SNMG 09 03 08-QM					★	★	★											★	★						★	SNMG 431-QM	
		.344	.125	.031																											SNMG 432-QM	
		12 1/2	12.3	4.76	0.40	SNMG 12 04 04-QM					★	★											★								SNMG 433-QM	
		.484	.188	.016																			★	★							SNMG 542-QM	
		11.9	4.76	0.79	SNMG 12 04 08-QM					★	★	★	★		★								★	★		★	★		★	★	SNMG 543-QM	
		.469	.188	.031																											SNMG 544-QM	
		11.5	4.76	1.19	SNMG 12 04 12-QM					★	★	★	★		★								★	★		★	★					SNMG 642-QM
		.453	.188	.047																												SNMG 643-QM
		11.1	4.76	1.59	SNMG 12 04 16-QM					★	★			★									★	★		★	★					SNMG 644-QM
		.437	.188	.063																												
	15 5/8	15.1	6.35	0.79	SNMG 15 06 08-QM						★												★									SNMG 431-SM
		.594	.250	.031																												SNMG 432-SM
		14.7	6.35	1.19	SNMG 15 06 12-QM					★	★			★									★	★		★	★		★	★		SNMG 433-SM
		.578	.250	.047																												SNMG 434-SM
		14.3	6.35	1.59	SNMG 15 06 16-QM						★			★									★	★		★	★					SNMG 542-SM
		.562	.250	.063																												SNMG 543-SM
		19 3/4	18.3	6.35	0.79	SNMG 19 06 08-QM					★												★									SNMG 544-SM
		.719	.250	.031																												SNMG 643-SM
		17.9	6.35	1.19	SNMG 19 06 12-QM					★	★			★									★	★		★	★					SNMG 644-SM
		.703	.250	.047																												
		17.5	6.35	1.59	SNMG 19 06 16-QM					★	★			★									★	★		★	★					
		.687	.250	.063																												
12 1/2	12.3	4.76	0.40	SNMG 12 04 04-SM									★	★										★	★	★		★	★		SNMG 431-SM	
	.484	.188	.016																												SNMG 432-SM	
	8.5	4.76	0.79	SNMG 12 04 08-SM									★	★										★	★	★		★	★		SNMG 433-SM	
	.335	.188	.031																												SNMG 434-SM	
	8.5	4.76	1.19	SNMG 12 04 12-SM									★	★											★	★	★		★	★		SNMG 542-SM
	.335	.188	.047																												SNMG 543-SM	
	8.5	4.76	1.59	SNMG 12 04 16-SM									★	★											★	★	★		★	★		SNMG 544-SM
	.335	.188	.063																													
	15 5/8	15.1	6.35	0.79	SNMG 15 06 08-SM									★		★									★	★						SNMG 643-SM
	.594	.250	.031																													
	10.6	6.35	1.19	SNMG 15 06 12-SM										★		★									★	★						SNMG 644-SM
	.417	.250	.047																													
10.6	6.35	1.59	SNMG 15 06 16-SM										★		★									★	★						SNMG 432-SMR	
.417	.250	.063																														
19 3/4	17.9	6.35	1.19	SNMG 19 06 12-SM									★												★	★					SNMG 433-SMR	
	.703	.250	.047																												SNMG 434-SMR	
	12.7	6.35	1.59	SNMG 19 06 16-SM									★												★	★					SNMG 432-SMR	
	.500	.250	.063																												SNMG 433-SMR	
12 1/2	8.5	4.76	0.79	SNMG 12 04 08-SMR									★	★											★	★	★		★	★		SNMG 433-SMR
	.335	.188	.031																												SNMG 434-SMR	
	8.5	4.76	1.19	SNMG 12 04 12-SMR									★	★											★	★	★		★	★		SNMG 432-SMR
	.335	.188	.047																												SNMG 433-SMR	
12 1/2	8.5	4.76	1.59	SNMG 12 04 16-SMR									★	★											★	★	★		★	★		SNMG 434-SMR
	.335	.188	.063																													
	11.9	4.76	0.79	SNMG 12 04 08-XM						★						★						★									SNMG 432-XM	
	.469	.188	.031																												SNMG 433-XM	
11.5	4.76	1.19	SNMG 12 04 12-XM							★							★				★											
	.453	.188	.047																													

C

D

E

F

G

H



A227



A283



A348



A379

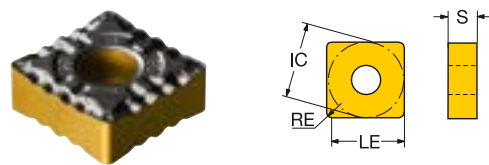


H6



H37

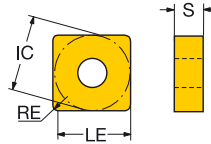
T-Max® P insert for turning
S-style insert (Square)



			LE	S	RE	ISO CODE	P					M				K		N	S					ANSI CODE			
							1525	4305	4315	4325	4335	5015	1115	2015	2025	2035	2220	3210	3225	4325	H13A	1125	1105		1115	1125	6160
MR	12	1/2	11.9	4.76	0.79	SNMM 12 04 08-MR									☆	★	☆										SNMM 432-MR
			.469	.188	.031										☆	★	☆										SNMM 433-MR
			.453	.188	.047										☆	★	☆										SNMM 434-MR
			11.1	4.76	1.59	SNMM 12 04 16-MR									★		☆										SNMM 434-MR
			.437	.188	.063																						
	15	5/8	14.7	6.35	1.19	SNMM 15 06 12-MR									★												SNMM 543-MR
			.578	.250	.047																						SNMM 544-MR
			14.3	6.35	1.59	SNMM 15 06 16-MR									★												SNMM 544-MR
			.562	.250	.063																						
	19	3/4	17.9	6.35	1.19	SNMM 19 06 12-MR									★		☆										SNMM 643-MR
			.703	.250	.047																						SNMM 644-MR
			17.5	6.35	1.59	SNMM 19 06 16-MR									☆	★	☆										SNMM 644-MR
			.687	.250	.063																						
			16.7	6.35	2.38	SNMM 19 06 24-MR									☆	★	☆										SNMM 646-MR
			.656	.250	.094																						
			15.9	6.35	3.18	SNMM 19 06 32-MR											★										SNMM 648-MR
			.624	.250	.125																						
	PR	12	1/2	11.9	4.76	0.79	SNMG 12 04 08-PR		☆	☆	☆	★															★
			.469	.188	.031																					★	SNMG 433-PR
			.453	.188	.047																					★	SNMG 434-PR
			11.1	4.76	1.59	SNMG 12 04 16-PR		☆	☆	☆	★															★	SNMG 542-PR
			.437	.188	.063																						SNMG 543-PR
15		5/8	15.1	6.35	0.79	SNMG 15 06 08-PR			☆	☆	★															★	SNMG 544-PR
			.594	.250	.031																						SNMG 546-PR
			14.7	6.35	1.19	SNMG 15 06 12-PR			☆	☆	★															★	SNMG 642-PR
			.578	.250	.047																						SNMG 643-PR
			14.3	6.35	1.59	SNMG 15 06 16-PR			☆	☆	★															★	SNMG 644-PR
			.562	.250	.063																						SNMG 646-PR
			13.5	6.35	2.38	SNMG 15 06 24-PR			☆	★																★	SNMM 432-PR
			.531	.250	.094																						SNMM 433-PR
19		3/4	18.3	6.35	0.79	SNMG 19 06 08-PR			☆	☆	★															★	SNMM 543-PR
			.719	.250	.031																						SNMM 544-PR
			17.9	6.35	1.19	SNMG 19 06 12-PR			☆	☆	★															★	SNMM 643-PR
			.703	.250	.047																						SNMM 644-PR
			17.5	6.35	1.59	SNMG 19 06 16-PR		☆	☆	☆	★															★	SNMM 646-PR
			.687	.250	.063																						
			16.7	6.35	2.38	SNMG 19 06 24-PR			☆	☆	★															★	SNMM 432-PR
			.656	.250	.094																						SNMM 433-PR
12		1/2	11.9	4.76	0.79	SNMM 12 04 08-PR			☆	☆	★															★	SNMM 543-PR
			.469	.188	.031																					★	SNMM 544-PR
			.453	.188	.047																						SNMM 643-PR
15	5/8	14.7	6.35	1.19	SNMM 15 06 12-PR			☆	☆	★															★	SNMM 644-PR	
		.578	.250	.047																						SNMM 646-PR	
		14.3	6.35	1.59	SNMM 15 06 16-PR		☆	☆	☆	★															★	SNMM 646-PR	
		.562	.250	.063																							
19	3/4	17.9	6.35	1.19	SNMM 19 06 12-PR			☆	☆	★															★	SNMM 646-PR	
		.703	.250	.047																							
		17.5	6.35	1.59	SNMM 19 06 16-PR		☆	☆	☆	★															★	SNMM 646-PR	
		.687	.250	.063																							
		16.7	6.35	2.38	SNMM 19 06 24-PR		☆	☆	☆	★															★	SNMM 646-PR	
		.656	.250	.094																							

T-Max® P insert for turning

S-style insert (Square)



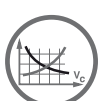
					ISO CODE	P					M				K		N	S					ANSI CODE										
		1525	4305	4315		4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125	1105	1115	1125		6180	H13A	S05F							
Roughing	KR	09	3/8	8.7	3.18	0.79	SNMA 09 03 08-KR											☆	★											SNMA 322-KR			
				.344	.125	.031																											
		12	1/2	11.9	4.76	0.79	SNMA 12 04 08-KR												☆	★										SNMA 432-KR			
				.469	.188	.031																											
				11.5	4.76	1.19	SNMA 12 04 12-KR													☆	★										SNMA 433-KR		
				.453	.188	.047																											
				11.1	4.76	1.59	SNMA 12 04 16-KR													☆	★										SNMA 434-KR		
				.437	.188	.063																											
				14.7	6.35	1.19	SNMA 15 06 12-KR													☆	★										SNMA 543-KR		
				.578	.250	.047																											
				14.3	6.35	1.59	SNMA 15 06 16-KR														☆	★										SNMA 544-KR	
				.562	.250	.063																											
			18.3	6.35	0.79	SNMA 19 06 08-KR														☆	★										SNMA 642-KR		
			.719	.250	.031																												
			17.9	6.35	1.19	SNMA 19 06 12-KR														☆	★										SNMA 643-KR		
			.703	.250	.047																												
			17.5	6.35	1.59	SNMA 19 06 16-KR														☆	★										SNMA 644-KR		
			.687	.250	.063																												
			12	1/2	11.9	4.76	0.79	SNMG 12 04 08-KR												☆	★										SNMG 432-KR		
					.469	.188	.031																										
					11.5	4.76	1.19	SNMG 12 04 12-KR													☆	★										SNMG 433-KR	
					.453	.188	.047																										
					11.1	4.76	1.59	SNMG 12 04 16-KR													☆	★										SNMG 434-KR	
					.437	.188	.063																										
					14.7	6.35	1.19	SNMG 15 06 12-KR													☆	★										SNMG 543-KR	
					.578	.250	.047																										
					14.3	6.35	1.59	SNMG 15 06 16-KR													☆	★										SNMG 544-KR	
					.562	.250	.063																										
					17.5	6.35	1.59	SNMG 19 06 16-KR													☆	★										SNMG 644-KR	
					.687	.250	.063																										
	MR			12	1/2	11.9	4.76	0.79	SNMG 12 04 08-MR						☆	☆	★	☆													SNMG 432-MR		
					.469	.188	.031																										
					11.5	4.76	1.19	SNMG 12 04 12-MR								☆	☆	★	☆													SNMG 433-MR	
					.453	.188	.047																										
					14.7	6.35	1.19	SNMG 15 06 12-MR									☆	★	☆													SNMG 543-MR	
					.578	.250	.047																										
					14.3	6.35	1.59	SNMG 15 06 16-MR									☆	★	☆													SNMG 544-MR	
					.562	.250	.063																										
				17.9	6.35	1.19	SNMG 19 06 12-MR									☆	☆	★	☆												SNMG 643-MR		
				.703	.250	.047																											
				17.5	6.35	1.59	SNMG 19 06 16-MR									☆	☆	★	☆												SNMG 644-MR		
				.687	.250	.063																											
				16.7	6.35	2.38	SNMG 19 06 24-MR										★														SNMG 646-MR		
				.656	.250	.094																											
	SMR			15	5/8	10.6	6.35	1.59	SNMG 15 06 16-SMR						☆		★						★	☆			☆	☆			SNMG 544-SMR		
					.417	.250	.063																										
					19	3/4	17.9	6.35	1.19	SNMG 19 06 12-SMR						★							★	☆			☆					SNMG 643-SMR	
					.703	.250	.047																										
				12.7	6.35	1.59	SNMG 19 06 16-SMR									☆		★					★	☆			☆	☆				SNMG 644-SMR	
				.500	.250	.063																											
	XMR			12	1/2	11.9	4.76	0.79	SNMG 12 04 08-XMR			☆	★				★		☆		★											SNMG 432-XMR	
					.469	.188	.031																										
					11.5	4.76	1.19	SNMG 12 04 12-XMR				☆	★					★		★													SNMG 433-XMR
					.453	.188	.047																										
				11.1	4.76	1.59	SNMG 12 04 16-XMR											★														SNMG 434-XMR	
				.437	.188	.063																											



A227



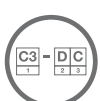
A283



A348



A379



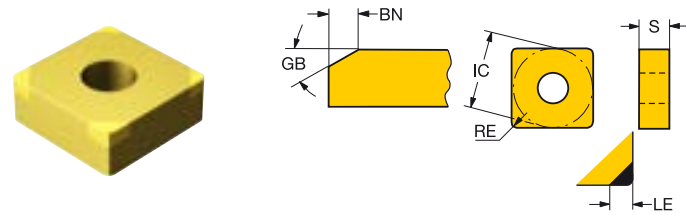
H6



H37

T-Max® P insert for turning

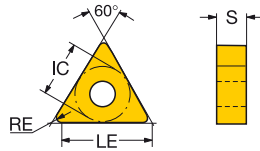
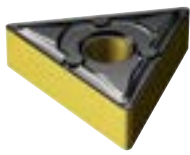
S-style insert (Square)
Advanced cutting materials



								ISO CODE	K		S	H								ANSI CODE
									6190	660		650	6050	660	7015	7025	7105	7115	7125	
Finishing	09	3/8	2.2	3.18	0.8	30°	0.10	SNGA090308S01030A								★				SNGA322S0330A
			.087	.125	.031	30°	.004													
	12	1/2	2.8	4.76	0.8	30°	0.10	SNGA120408S01030A							☆	★				SNGA432S0330A
			.110	.188	.031	30°	.004													
			11.9	4.76	0.8	25°	0.15	SNGA120408S01525				★								SNGA432S0625
			.469	.188	.031	25°	.006													
			2.5	4.76	0.8	25°	0.15	SNGA120408S01525F								☆	★			SNGA432S0525F
			.098	.188	.031	25°	.006													
			2.5	4.76	0.8	30°	0.15	SNGA120408S01530F											★	SNGA432S0530F
			.098	.188	.031	30°	.006													
			11.9	4.76	0.8	20°	0.10	SNGA120408T01020		★		★		★						SNGA432T0320
			.469	.188	.031	20°	.004													
			2.8	4.76	0.8	20°	0.10	SNGA120408T01020B			★								★	SNGA432T0320B
			.110	.188	.031	20°	.004													
			11.9	4.76	0.8	25°	0.15	SNGA120408T01525					★							SNGA432T0625
			.469	.188	.031	25°	.006													
			11.9	4.76	0.8	20°	0.25	SNGA120408T02520		★										SNGA432T0820
			.469	.188	.031	20°	.010													
			2.8	4.76	1.2	30°	0.10	SNGA120412S01030A							☆	★				SNGA433S0330A
			.110	.188	.047	30°	.004													
			11.5	4.76	1.2	25°	0.15	SNGA120412S01525				★								SNGA433S0625
			.453	.188	.047	25°	.006													
			2.5	4.76	1.2	25°	0.15	SNGA120412S01525F								☆	★			SNGA433S0525F
			.098	.188	.047	25°	.006													
			2.8	4.76	1.2	30°	0.15	SNGA120412S01530F											★	SNGA433S0530F
			.110	.188	.047	30°	.006													
			2.8	4.76	1.2	35°	0.20	SNGA120412S02035B											★	SNGA433S0835B
			.110	.188	.047	35°	.008													
			11.5	4.76	1.2	20°	0.10	SNGA120412T01020		★		★		★						SNGA433T0320
			.453	.188	.047	20°	.004													
			2.8	4.76	1.2	20°	0.10	SNGA120412T01020B			★								★	SNGA433T0320B
			.110	.188	.047	20°	.004													
			11.5	4.76	1.2	20°	0.25	SNGA120412T02520		★										SNGA433T0820
			.453	.188	.047	20°	.010													
			2.8	4.76	1.6	25°	0.10	SNGA120416S01025F										★	☆	SNGA434S0325F
			.110	.188	.063	25°	.004													
			11.1	4.76	1.6	20°	0.25	SNGA120416T02520		★										SNGA434T0820
			.437	.188	.063	20°	.010													
			2.9	4.76	2.0	25°	0.10	SNGA120420S01025F										★		SNGA435S0325F
			.114	.188	.079	25°	.004													
			2.8	4.76	2.4	25°	0.10	SNGA120424S01025F										★	☆	SNGA436S0325F
			.110	.188	.094	25°	.004													
			11.1	7.94	1.6	20°	0.25	SNGQ120716T02520		★										SNGQ454T0820
			.437	.313	.063	20°	.010													

T-Max® P insert for turning

T-style insert (Triangular)



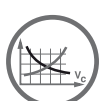
			LE	S	RE	BS	ISO CODE	P					M				K		N		S				ANSI CODE				
								1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125		1105	1115	1125	H13A
Finishing	PF	16	3/8	16.1	4.76	0.40	TNMG 16 04 04-PF	☆		★	☆		☆								☆								TNMG 331-PF
				.634	.188	.016																☆							TNMG 332-PF
				15.7	4.76	0.79	TNMG 16 04 08-PF	☆	☆	★	☆		☆										☆						TNMG 333-PF
				.618	.188	.031																							
				15.3	4.76	1.19	TNMG 16 04 12-PF	☆	☆	★	☆		☆										☆						
				.602	.188	.047																							
		22	1/2	21.2	4.76	0.79	TNMG 22 04 08-PF	☆		★	☆		☆									☆							TNMG 432-PF
				.835	.188	.031																							
			20.8	4.76	1.19	TNMG 22 04 12-PF			★	☆												☆							TNMG 433-PF
			.819	.188	.047																								
	KF	16	3/8	16.1	4.76	0.40	TNMG 16 04 04-KF												★	☆									TNMG 331-KF
				.634	.188	.016																							
				15.7	4.76	0.79	TNMG 16 04 08-KF												★	☆									TNMG 332-KF
				.618	.188	.031																							
	MF	16	3/8	16.1	4.76	0.40	TNMG 16 04 04-MF							☆	☆	☆	★	☆							★	☆			TNMG 331-MF
				.634	.188	.016																				★	☆		TNMG 332-MF
				15.7	4.76	0.79	TNMG 16 04 08-MF							☆	☆	☆	★	☆							★	☆			TNMG 333-MF
				.618	.188	.031								☆	☆	☆	★	☆							★	☆			
	K	16	3/8	16.1	4.76	0.40	TNMG 16 04 04R/L-K	☆		★	☆								★		☆								TNMG 331L-K
				.634	.188	.016																							
				15.7	4.76	0.79	TNMG 16 04 08R/L-K	☆		★	☆																		TNMG 332L-K
			.618	.188	.031																								
	WF	16	3/8	16.1	4.76	0.40	0.5	TNMX 16 04 04-WF	☆		★	☆		☆	☆	★				★	☆	☆							TNMX 331-WF
				.634	.188	.016	.020																						
				15.7	4.76	0.79	0.7	TNMX 16 04 08-WF	☆	☆	★	☆		☆	☆	★				★	☆								TNMX 332-WF
			.618	.188	.031	.028																							
	SF	16	3/8	4.8	4.76	0.40		TNMG 16 04 04-SF							★	☆								★	☆	☆	☆	☆	TNMG 331-SF
				.189	.188	.016																			★	☆	☆	☆	
				4.8	4.76	0.79		TNMG 16 04 08-SF							★	☆								★	☆	☆	☆	☆	TNMG 332-SF
				.189	.188	.031																							
			15.3	4.76	1.19		TNMG 16 04 12-SF							★	☆									★	☆			TNMG 333-SF	
			.602	.188	.047																								
	XF	16	3/8	16.1	4.76	0.40		TNMG 16 04 04-XF				★	☆				☆	★	☆			☆							TNMG 331-XF
				.634	.188	.016																							
			15.7	4.76	0.79		TNMG 16 04 08-XF					★	☆				☆	★	☆			☆						TNMG 332-XF	
		.618	.188	.031																									
WM	16	3/8	15.7	4.76	0.79	0.7	TNMX 16 04 08-WM		☆	☆	★								★	☆	☆							TNMX 332-WM	
			.618	.188	.031	.028																							
			15.3	4.76	1.19	0.8	TNMX 16 04 12-WM	☆	☆	☆	★				★				★	☆	☆							TNMX 333-WM	
			.602	.188	.047	.031																							
WMX	16	3/8	15.7	4.76	0.79	0.9	TNMX 16 04 08-WMX		☆	☆	★				★				★	☆								TNMX 332-WMX	
			.618	.188	.031	.035																							
			15.3	4.76	1.19	1.0	TNMX 16 04 12-WMX		☆	☆	★								★	☆								TNMX 333-WMX	
			.602	.188	.047	.037																							
Medium	PM	16	3/8	16.1	4.76	0.40	TNMG 16 04 04-PM				☆	☆	★							★								TNMG 331-PM	
				.634	.188	.016																★						TNMG 332-PM	
				15.7	4.76	0.79		☆	☆	☆	☆	★																TNMG 333-PM	
				.618	.188	.031																							
			15.3	4.76	1.19																	★							
			.602	.188	.047																								
	22	1/2	21.6	4.76	0.40	TNMG 22 04 04-PM				☆	☆	★								★								TNMG 431-PM	
			.850	.188	.016																								
			21.2	4.76	0.79					☆	☆	★									★							TNMG 432-PM	
			.835	.188	.031																								
		20.8	4.76	1.19					☆	☆	★									★								TNMG 433-PM	
		.819	.188	.047																									
		20.4	4.76	1.59						☆	☆	★								★								TNMG 434-PM	
		.803	.188	.063																									



A227



A283



A348



A379

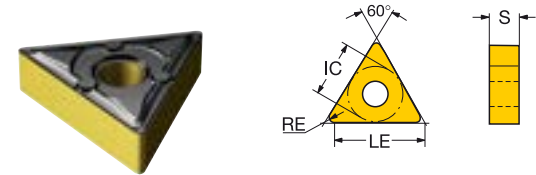


H37



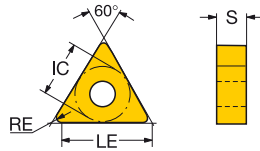
H6

T-Max® P insert for turning
T-style insert (Triangular)



			LE	S	RE	BS	ISO CODE	P					M					K		N		S					ANSI CODE				
								1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125	1105	1115		1125	H13A	505F	
Medium	MM	16	3/8	15.7	4.76	0.79	TNMG 16 04 08-MM							☆	☆		★	☆	☆					☆		☆	★			TNMG 332-MM	
				.618	.188	.031														☆		☆	★							TNMG 333-MM	
				.602	.188	.047																									
		22	1/2	21.2	4.76	0.79	TNMG 22 04 08-MM							☆	☆	☆	★	☆	☆					☆		☆	★			TNMG 432-MM	
				.835	.188	.031																									
				.819	.188	.047																									TNMG 433-MM
			20.8	4.76	1.19	TNMG 22 04 12-MM											★	☆	☆												
			.819	.188	.047																										
			.803	.188	.063																									TNMG 434-MM	
	KM	16	3/8	15.7	4.76	0.79	TNMG 16 04 08-KM											★	☆											TNMG 332-KM	
				.618	.188	.031																									
				.602	.188	.047																									TNMG 333-KM
		22	1/2	21.2	4.76	0.79	TNMG 22 04 08-KM												★	☆										TNMG 432-KM	
				.835	.188	.031																									
				.819	.188	.047																									TNMG 433-KM
			20.8	4.76	1.19	TNMG 22 04 12-KM												★	☆												
			.819	.188	.047																										
			.803	.188	.063																									TNMG 434-KM	
	QM	16	3/8	16.1	4.76	0.40	TNMG 16 04 04-QM				☆	☆	★							☆	★							★		TNMG 331-QM	
				.634	.188	.016				☆	☆	☆	★		☆							★	☆		☆						
				.618	.188	.031																									
				15.3	4.76	1.19	TNMG 16 04 12-QM			☆	☆	☆	★		☆						★			★	☆						TNMG 333-QM
				.602	.188	.047																									
				.835	.188	.031																									
22		1/2	21.6	4.76	0.40	TNMG 22 04 04-QM				☆	★										☆	★						★		TNMG 431-QM	
			.850	.188	.016																										
			.835	.188	.031				☆	☆	☆	★										☆	★					★		TNMG 432-QM	
			.819	.188	.047				☆	☆	☆	★											☆	★			★		TNMG 433-QM		
		20.8	4.76	1.19	TNMG 22 04 12-QM			☆	☆	☆	★										☆	★					★				
		.819	.188	.047																											
		.803	.188	.063				☆	☆	☆	★		★								☆	★		★	☆	☆			TNMG 434-QM		
SM	16	3/8	4.8	4.76	0.79	TNMG 16 04 08-SM							★	☆									★	☆	☆	☆	☆		TNMG 332-SM		
			.189	.188	.031																										
			4.8	4.76	1.19	TNMG 16 04 12-SM								★	☆								★	☆	☆	☆	☆				
			.189	.188	.047																										
	22	1/2	16.1	4.76	0.40	TNMG 16 04 04-SM							★	☆									★	☆	☆	☆	☆		TNMG 331-SM		
			.634	.188	.016																										
			6.4	4.76	0.79	TNMG 22 04 08-SM								★	☆								★	☆	☆	☆	☆		TNMG 432-SM		
			.252	.188	.031																										
		6.4	4.76	1.19	TNMG 22 04 12-SM							★	☆									★	☆	☆							
		.252	.188	.047																											
XM	16	3/8	16.1	4.76	0.40	TNMG 16 04 04-XM				★										★									TNMG 331-XM		
			.634	.188	.016																										
			15.7	4.76	0.79	TNMG 16 04 08-XM			☆	★					★	☆															
			.618	.188	.031																										
			15.3	4.76	1.19	TNMG 16 04 12-XM			☆	★													★								
			.602	.188	.047																										

T-style insert (Triangular)



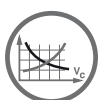
						ISO CODE	P					M				K		N		S		ANSI CODE									
		1525	4305	4315	4325		4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125	1105	1115		1125	H13A	505F						
Roughing	MR	16	3/8	15.7	4.76	0.79	TNMM 16 04 08-MR										★											TNMM 332-MR			
				.618	.188	.031																									
		22	1/2	21.2	4.76	0.79	TNMM 22 04 08-MR					★					★											TNMM 432-MR			
				.835	.188	.031																									
				20.8	4.76	1.19	TNMM 22 04 12-MR					★						★											TNMM 433-MR		
	XMR			.819	.188	.047																									
				20.4	4.76	1.59	TNMM 22 04 16-MR										★		☆										TNMM 434-MR		
				.803	.188	.063																									
		16	3/8	15.7	4.76	0.79	TNMG 16 04 08-XMR				☆	★					★		☆		★								TNMG 332-XMR		
				.618	.188	.031																									
	PR			15.3	4.76	1.19	TNMG 16 04 12-XMR					★									★									TNMG 333-XMR	
				.602	.188	.047																									
		16	3/8	15.7	4.76	0.79	TNMG 16 04 08-PR			☆	☆	☆	★								★									TNMG 332-PR	
				.618	.188	.031																									
				15.3	4.76	1.19	TNMG 16 04 12-PR			☆	☆	☆	★									★									TNMG 333-PR
				.602	.188	.047																									
		22	1/2	21.2	4.76	0.79	TNMG 22 04 08-PR				☆	☆	★									★								TNMG 432-PR	
				.835	.188	.031																									
				20.8	4.76	1.19	TNMG 22 04 12-PR				☆	☆	★									★									TNMG 433-PR
				.819	.188	.047																									
				20.4	4.76	1.59	TNMG 22 04 16-PR				☆	☆	★									★									TNMG 434-PR
				.803	.188	.063																									
		16	3/8	15.7	4.76	0.79	TNMM 16 04 08-PR				☆	☆	★									★									TNMM 332-PR
				.618	.188	.031																									
				15.3	4.76	1.19	TNMM 16 04 12-PR					☆	☆	★								★									TNMM 333-PR
			.602	.188	.047																										
	22	1/2	21.2	4.76	0.79	TNMM 22 04 08-PR					☆	☆	★									★								TNMM 432-PR	
			.835	.188	.031																										
			20.8	4.76	1.19	TNMM 22 04 12-PR					☆	☆	★									★								TNMM 433-PR	
			.819	.188	.047																										
		20.4	4.76	1.59	TNMM 22 04 16-PR				☆	☆	☆	★									★								TNMM 434-PR		
		.803	.188	.063																											
KR	16	3/8	16.1	4.76	0.40	TNMA 16 04 04-KR												☆	★										TNMA 331-KR		
			.634	.188	.016																										
			15.7	4.76	0.79	TNMA 16 04 08-KR														☆	★									TNMA 332-KR	
			.618	.188	.031																										
			15.3	4.76	1.19	TNMA 16 04 12-KR															☆	★								TNMA 333-KR	
			.602	.188	.047																										
			14.9	4.76	1.59	TNMA 16 04 16-KR															☆	★								TNMA 334-KR	
			.587	.188	.063																										
	22	1/2	21.6	4.76	0.40	TNMA 22 04 04-KR															☆	★								TNMA 431-KR	
			.850	.188	.016																										
			21.2	4.76	0.79	TNMA 22 04 08-KR																☆	★							TNMA 432-KR	
			.835	.188	.031																										
			20.8	4.76	1.19	TNMA 22 04 12-KR																☆	★							TNMA 433-KR	
			.819	.188	.047																										
			20.4	4.76	1.59	TNMA 22 04 16-KR																☆	★							TNMA 434-KR	
			.803	.188	.063																										
			18.8	4.76	3.18	TNMA 22 04 32-KR																☆	★							TNMA 438-KR	
			.740	.188	.125																										
	16	3/8	15.7	4.76	0.79	TNMG 16 04 08-KR															☆	★									TNMG 332-KR
			.618	.188	.031																										
		15.3	4.76	1.19	TNMG 16 04 12-KR																☆	★								TNMG 333-KR	
		.602	.188	.047																											
		14.9	4.76	1.59	TNMG 16 04 16-KR																☆	★								TNMG 334-KR	
		.587	.188	.063																											
22	1/2	21.2	4.76	0.79	TNMG 22 04 08-KR																☆	★								TNMG 432-KR	
		.835	.188	.031																											
		20.8	4.76	1.19	TNMG 22 04 12-KR																☆	★								TNMG 433-KR	
		.819	.188	.047																											



A227



A283



A348



A379



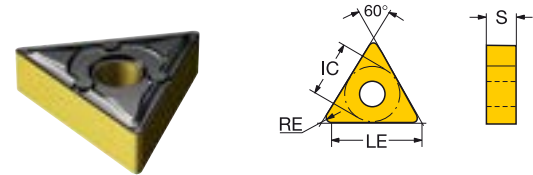
H37



H6

T-Max® P insert for turning

T-style insert (Triangular)



		  IC				ISO CODE	P					M					K		N	S				ANSI CODE						
		LE	S	RE	BS		1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125		1105	1115	1125	H13A	SCF	
Roughing	MR	16	3/8	15.7	4.76	0.79	TNMG 16 04 08-MR								☆	☆	★	☆												TNMG 332-MR
				.618	.188	.031																								
				15.3	4.76	1.19	TNMG 16 04 12-MR								☆	☆	★	☆												TNMG 333-MR
				.602	.188	.047																								
		22	1/2	21.2	4.76	0.79	TNMG 22 04 08-MR								☆	☆	★	☆												TNMG 432-MR
				.835	.188	.031																								
				20.8	4.76	1.19	TNMG 22 04 12-MR								☆	☆	★	☆												TNMG 433-MR
				.819	.188	.047																								
				20.4	4.76	1.59	TNMG 22 04 16-MR								☆	☆	★	☆												TNMG 434-MR
				.803	.188	.063																								

D

E

F

G

H

A227

A283

A348

A379

H37

H6

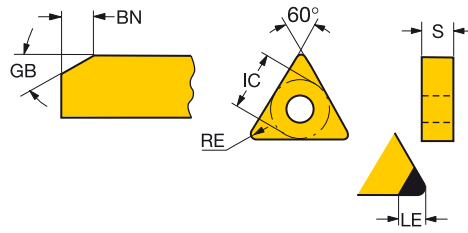
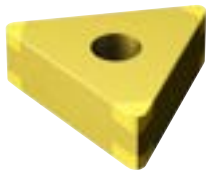
A 216



T-Max® P insert for turning

T-style insert (Triangular)

Advanced cutting materials



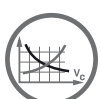
								K		S	H												
	LE	S	RE	GB	BN	ISO CODE	6190	660	7525	660	6650	660	7015	7025	7105	7115	7125	7135	7525	ANSI CODE			
Finishing	11	1/4	1.8	3.18	0.4	30°	0.10	TNGA110304S01030A						☆	★						TNGA221S0330A		
			.071	.125	.016	30°	.004																
			1.8	3.18	0.4	20°	0.10	TNGA110304T01020B			★								★		TNGA221T0320B		
			.071	.125	.016	20°	.004																
			1.5	3.18	0.8	30°	0.10	TNGA110308S01030A						☆	★						TNGA222S0330A		
			.059	.125	.031	30°	.004																
			2.1	3.18	0.8	20°	0.10	TNGA110308T01020B			★									★	TNGA222T0320B		
			.083	.125	.031	20°	.004																
		16	3/8	3.0	4.76	0.4	30°	0.10	TNGA160404S01030A						☆	★						TNGA331S0330A	
				.118	.188	.016	30°	.004															
				16.1	4.76	0.4	25°	0.15	TNGA160404S01525				★									TNGA331S0625	
				.634	.188	.016	25°	.006															
				2.8	4.76	0.4	25°	0.15	TNGA160404S01525H							☆	★					TNGA331S0525H	
				.110	.188	.016	25°	.006															
				1.8	4.76	0.4	20°	0.10	TNGA160404T01020B			★									★	TNGA331T0320B	
				.071	.188	.016	20°	.004															
				2.7	4.76	0.8	30°	0.10	TNGA160408S01030A						☆	★						TNGA332S0330A	
				.106	.188	.031	30°	.004															
				15.7	4.76	0.8	25°	0.15	TNGA160408S01525				★									TNGA332S0625	
				.618	.188	.031	25°	.006															
				2.5	4.76	0.8	25°	0.15	TNGA160408S01525H							☆	★					TNGA332S0525H	
				.098	.188	.031	25°	.006															
				2.8	4.76	0.8	30°	0.15	TNGA160408S01530B													★	TNGA332S0630B
				.110	.188	.031	30°	.006															
				2.5	4.76	0.8	30°	0.15	TNGA160408S01530F											★			TNGA332S0530F
				.098	.188	.031	30°	.006															
				2.0	4.76	0.8	35°	0.20	TNGA160408S02035A							★							TNGA332S0835A
				.079	.188	.031	35°	.008															
				2.8	4.76	0.8	35°	0.20	TNGA160408S02035B													★	TNGA332S0835B
				.110	.188	.031	35°	.008															
				15.7	4.76	0.8	20°	0.10	TNGA160408T01020			★		★		★							TNGA332T0320
				.618	.188	.031	20°	.004															
				2.8	4.76	0.8	20°	0.10	TNGA160408T01020B				★									★	TNGA332T0320B
				.110	.188	.031	20°	.004															
				15.7	4.76	0.8	25°	0.15	TNGA160408T01525					★									TNGA332T0625
				.618	.188	.031	25°	.006															
				15.7	4.76	0.8	20°	0.25	TNGA160408T02520		★												TNGA332T0820
				.618	.188	.031	20°	.010															
				3.1	4.76	1.2	25°	0.10	TNGA160412S01025F											★			TNGA333S0325F
				.122	.188	.047	25°	.004															
				2.4	4.76	1.2	30°	0.10	TNGA160412S01030A							☆	★						TNGA333S0330A
				.094	.188	.047	30°	.004															
				15.3	4.76	1.2	25°	0.15	TNGA160412S01525					★									TNGA333S0625
				.602	.188	.047	25°	.006															
				2.2	4.76	1.2	25°	0.15	TNGA160412S01525H								☆	★					TNGA333S0525H
				.087	.188	.047	25°	.006															
				3.1	4.76	1.2	30°	0.15	TNGA160412S01530F												★		TNGA333S0530F
				.122	.188	.047	30°	.006															
			2.4	4.76	1.2	35°	0.20	TNGA160412S02035A								★						TNGA333S0835A	
			.094	.188	.047	35°	.008																
			15.3	4.76	1.2	20°	0.10	TNGA160412T01020			★		★		★							TNGA333T0320	
			.602	.188	.047	20°	.004																
			2.4	4.76	1.2	20°	0.10	TNGA160412T01020B				★									★	TNGA333T0320B	
			.094	.188	.047	20°	.004																
			15.3	4.76	1.2	20°	0.25	TNGA160412T02520		★												TNGA333T0820	
			.602	.188	.047	20°	.010																
			2.8	4.76	1.6	25°	0.10	TNGA160416S01025F										★	☆			TNGA334S0325F	
			.110	.188	.063	25°	.004																
			14.9	4.76	1.6	20°	0.10	TNGA160416T01020			★		★		★							TNGA334T0320	
			.587	.188	.063	20°	.004																



A227



A283



A348



A379



H37



H28



H6

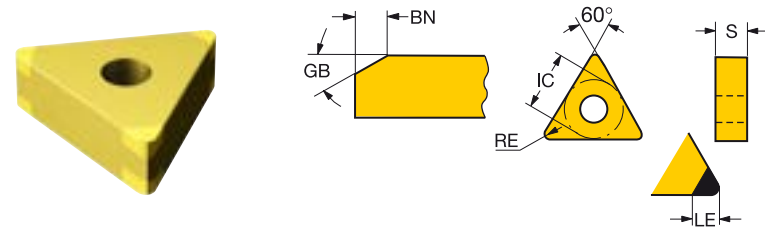


H3

T-Max® P insert for turning

T-style insert (Triangular)

Advanced cutting materials



								K				S	H									
		LE	S	RE	GB	BN	ISO CODE	6190	650	7525	650	6050	650	7015	7025	7105	7115	7125	7135	7525	ANSI CODE	
Finishing	16	3/8	3.9	4.76	2.0	25°	0.10	TNGA160420S01025F										★	☆		TNGA335S0325F	
			.154	.188	.079	25°	.004															
			3.6	4.76	2.4	25°	0.10	TNGA160424S01025F										★	☆		TNGA336S0325F	
			.142	.188	.094	25°	.004															
	22	1/2	21.2	4.76	0.8	20°	0.10	TNGA220408T01020		★		★		★							TNGA432T0320	
			.835	.188	.031	20°	.004															
		20.8	4.76	1.2	20°	0.10	TNGA220412T01020		★		★		★								TNGA433T0320	
		.819	.188	.047	20°	.004																

D

E

F

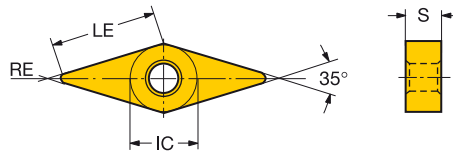
G

H



T-Max® P insert for turning

V-style insert (Rhombic 35°)



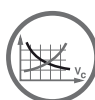
				LE	S	RE	ISO CODE	P					M					K		N	S					ANSI CODE					
								1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	5015	1125	1105		1115	1125	H13A	SGF	
Finishing	PF	16	3/8	16.2	4.76	0.40	VNMG 16 04 04-PF	☆		★	☆		☆								☆	☆								VNMG 331-PF	
				.638	.188	.016																									
				15.8	4.76	0.79	VNMG 16 04 08-PF	☆	☆	★	☆		☆									☆	☆								VNMG 332-PF
				.622	.188	.031																									
	MF	16	3/8	16.2	4.76	0.40	VNMG 16 04 04-MF							☆	☆	☆	★		☆					★	☆	☆		☆		VNMG 331-MF	
				.638	.188	.016																									
				15.8	4.76	0.79	VNMG 16 04 08-MF							☆	☆	☆	★		☆					★	☆	☆		☆		VNMG 332-MF	
				.622	.188	.031																									
	SGF	16	3/8	16.3	4.76	0.10	VNGG 16 04 01-SGF							★	☆									★	☆	☆	☆			VNGG 33(.30)-SGF	
				.640	.188	.004																									
				16.1	4.76	0.20	VNGG 16 04 02-SGF							★	☆									★	☆	☆	☆			VNGG 33(.50)-SGF	
				.632	.188	.008																									
				2.4	4.76	0.40	VNGG 16 04 04-SGF							★	☆									★	☆	☆	☆	☆		VNGG 331-SGF	
				.094	.188	.016																									
				2.4	4.76	0.79	VNGG 16 04 08-SGF							★										★	☆		☆	☆		VNGG 332-SGF	
				.094	.188	.031																									
	SF	16	3/8	16.2	4.76	0.40	VNMG 16 04 04-SF							★	☆									★	☆	☆	☆	☆		VNMG 331-SF	
				.638	.188	.016																									
				15.8	4.76	0.79	VNMG 16 04 08-SF							★	☆									★	☆	☆	☆	☆		VNMG 332-SF	
				.622	.188	.031																									
		15.4	4.76	1.19	VNMG 16 04 12-SF							★										★	☆			☆		VNMG 333-SF			
		.607	.188	.047																											
Medium	PM	16	3/8	15.8	4.76	0.79	VNMG 16 04 08-PM	☆	☆	☆	☆	★								★										VNMG 332-PM	
				.622	.188	.031																									
				15.4	4.76	1.19	VNMG 16 04 12-PM		☆	☆	☆	★									★										VNMG 333-PM
				.607	.188	.047																									
	MM	16	3/8	15.8	4.76	0.79	VNMG 16 04 08-MM							☆	☆	☆	★	☆	☆				☆		☆	★				VNMG 332-MM	
				.622	.188	.031																									
	KM	16	3/8	15.8	4.76	0.79	VNMG 16 04 08-KM													★	☆									VNMG 332-KM	
				.622	.188	.031																									
			15.4	4.76	1.19	VNMG 16 04 12-KM														★	☆									VNMG 333-KM	
			.607	.188	.047																										
	QM	16	3/8	16.2	4.76	0.40	VNMG 16 04 04-QM			☆	★		★								☆			★	☆		☆			VNMG 331-QM	
				.638	.188	.016																									
				15.8	4.76	0.79	VNMG 16 04 08-QM		☆	☆	☆	★	☆				★		☆				★	☆		☆				VNMG 332-QM	
				.622	.188	.031																									
			15.4	4.76	1.19	VNMG 16 04 12-QM					★										★									VNMG 333-QM	
			.607	.188	.047																										
SM	16	3/8	16.2	4.76	0.40	VNMG 16 04 04-SM							★	☆									★	☆	☆	☆	☆		VNMG 331-SM		
			.638	.188	.016																										
			15.8	4.76	0.79	VNMG 16 04 08-SM							★	☆									★	☆	☆	☆	☆		VNMG 332-SM		
			.622	.188	.031																										
		15.4	4.76	1.19	VNMG 16 04 12-SM							★	☆										★	☆	☆	☆	☆		VNMG 333-SM		
		.607	.188	.047																											



A227



A283



A348



A379



H37

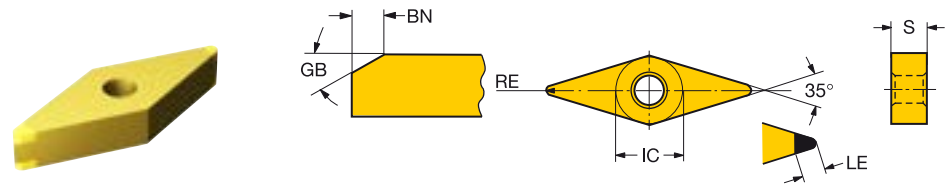


H6

T-Max® P insert for turning

V-style insert (Rhombic 35°)

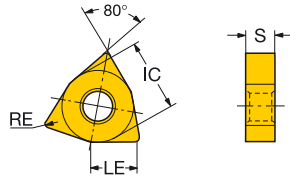
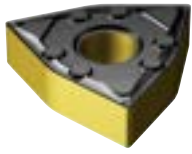
Advanced cutting materials



			LE	S	RE	GB	BN	ISO CODE	H					ANSI CODE	
	6050	7015							7025	7105	7115	7125			
Finishing	16	3/8	2.1	4.76	0.4	20°	0.10	VNGA160404S01020A			★				VNGA331S0320A
			.083	.188	.016	20°	.004								
			4.4	4.76	0.4	30°	0.10	VNGA160404S01030A		☆	★				VNGA331S0330A
			.173	.188	.016	30°	.004								
			16.2	4.76	0.4	25°	0.15	VNGA160404S01525	★						VNGA331S0625
			.638	.188	.016	25°	.006								
			2.5	4.76	0.4	25°	0.15	VNGA160404S01525H				☆	☆	★	VNGA331S0525H
			.098	.188	.016	25°	.006								
			2.4	4.76	0.8	20°	0.10	VNGA160408S01020A			★				VNGA332S0320A
			.094	.188	.031	20°	.004								
			3.5	4.76	0.8	30°	0.10	VNGA160408S01030A		☆	★				VNGA332S0330A
			.138	.188	.031	30°	.004								
			15.8	4.76	0.8	25°	0.15	VNGA160408S01525	★						VNGA332S0625
			.622	.188	.031	25°	.006								
			2.5	4.76	0.8	25°	0.15	VNGA160408S01525H				☆	☆	★	VNGA332S0525H
			.098	.188	.031	25°	.006								
			2.4	4.76	0.8	35°	0.20	VNGA160408S02035A		☆	★				VNGA332S0835A
			.094	.188	.031	35°	.008								
			15.8	4.76	0.8	25°	0.15	VNGA160408T01525	★						VNGA332T0625
			.622	.188	.031	25°	.006								
			15.4	4.76	1.2	25°	0.15	VNGA160412S01525	★						VNGA333S0625
			.607	.188	.047	25°	.006								

T-Max® P insert for turning

W-style insert (Trigon 80°)



							ISO CODE	P					M				K		N	S				ANSI CODE								
			LE	S	RE	BS		1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A		1125	1105	1115	1125	H13A	SG5F		
Finishing	WF	06	3/8	6.1	4.76	0.40	0.5	WNMG 06 04 04-WF	☆		★			☆	☆	☆	★				★	☆								WNMG 331-WF		
				.241	.188	.016	.018														★	☆	☆								WNMG 332-WF	
				5.7	4.76	0.79	0.7	WNMG 06 04 08-WF	☆	☆	★	☆		☆	☆	☆	★				★	☆	☆								WNMG 431-WF	
		08	1/2	8.3	4.76	0.40	0.5	WNMG 08 04 04-WF	☆		★	☆		☆	☆	★				★	☆	☆								WNMG 432-WF		
				.326	.188	.016	.018														★	☆	☆								WNMG 433-WF	
				7.9	4.76	0.79	1.0	WNMG 08 04 08-WF	☆	☆	★	☆		☆	☆	★					★	☆	☆									
				7.5	4.76	1.19	1.1	WNMG 08 04 12-WF			☆	★	☆								★		☆									
				.295	.188	.047	.043																									
		PF	06	3/8	6.1	4.76	0.40		WNMG 06 04 04-PF	☆		★			☆																WNMG 331-PF	
					.241	.188	.016																	☆								WNMG 332-PF
					5.7	4.76	0.79		WNMG 06 04 08-PF	☆	☆	★	☆		☆																	WNMG 333-PF
				5.3	4.76	1.19		WNMG 06 04 12-PF			☆	★																				
				.209	.188	.047																										
	08		1/2	8.3	4.76	0.40		WNMG 08 04 04-PF	☆		★	☆		☆								☆									WNMG 431-PF	
				.326	.188	.016																										
				7.9	4.76	0.79		WNMG 08 04 08-PF	☆	☆	★	☆		☆									☆									WNMG 432-PF
				7.5	4.76	1.19		WNMG 08 04 12-PF			☆	★	☆										☆									
				.295	.188	.047																										
	KF	06	3/8	6.1	4.76	0.40		WNMG 06 04 04-KF												★	☆									WNMG 331-KF		
				.241	.188	.016																										
				5.7	4.76	0.79		WNMG 06 04 08-KF														★										WNMG 332-KF
				5.3	4.76	1.19		WNMG 06 04 12-KF																								
				.209	.188	.047																										
		08	1/2	8.3	4.76	0.40		WNMG 08 04 04-KF													★	☆									WNMG 431-KF	
				.326	.188	.016																										
				7.9	4.76	0.79		WNMG 08 04 08-KF														★	☆									WNMG 432-KF
				7.5	4.76	1.19		WNMG 08 04 12-KF														★	☆									
				.295	.188	.047																										
	MF	06	3/8	6.1	4.76	0.40		WNMG 06 04 04-MF						☆	☆	★	☆	☆							★	☆				WNMG 331-MF		
				.241	.188	.016								☆	☆	★	☆	☆							★	☆					WNMG 332-MF	
				5.7	4.76	0.79		WNMG 06 04 08-MF							☆	☆	★	☆	☆							★	☆					
				5.3	4.76	1.19		WNMG 06 04 12-MF																								
				.209	.188	.047																										
		08	1/2	8.3	4.76	0.40		WNMG 08 04 04-MF						☆	☆	★	☆	☆							★	☆					WNMG 431-MF	
				.326	.188	.016								☆	☆	★	☆	☆							★	☆		☆				
				7.9	4.76	0.79		WNMG 08 04 08-MF						☆	☆	★	☆	☆							★	☆		☆	☆			
				7.5	4.76	1.19		WNMG 08 04 12-MF																	★	☆		☆	☆	☆		
				.295	.188	.047																										
	SGF	08	1/2	7.5	4.76	0.10		WNGG 08 04 01-SGF						★	☆									★	☆	☆				WNGG 43(.30)-SGF		
				.295	.188	.004								★	☆									★	☆	☆	☆				WNGG 43(.50)-SGF	
				2.94	.188	.008																										
				3.2	4.76	0.40		WNGG 08 04 04-SGF						★	☆									★	☆	☆	☆	☆			WNGG 431-SGF	
				.126	.188	.016																			★	☆	☆	☆	☆			WNGG 432-SGF
3.2				4.76	0.79		WNGG 08 04 08-SGF						★	☆										★	☆	☆	☆	☆			WNGG 433-SGF	
			1.26	.188	.031																											
			7.1	4.76	1.19		WNGG 08 04 12-SGF						★	☆										★	☆	☆	☆	☆				
			.278	.188	.047																											
SF		08	1/2	3.2	4.76	0.40		WNMG 08 04 04-SF						★	☆									★	☆	☆	☆	☆		WNMG 431-SF		
				.126	.188	.016								★	☆									★	☆	☆	☆	☆			WNMG 432-SF	
				3.2	4.76	0.79		WNMG 08 04 08-SF						★	☆									★	☆	☆	☆	☆			WNMG 433-SF	
	.126			.188	.031																											
	3.2			4.76	1.19		WNMG 08 04 12-SF																	★			☆					
	.126			.188	.047																											



A227



A283



A348



A379

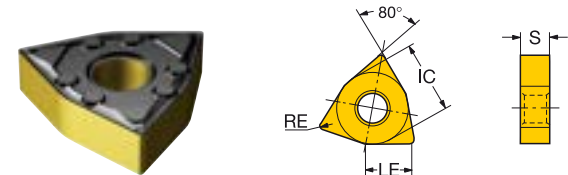


H37



H6

T-Max® P insert for turning
W-style insert (Trigon 80°)

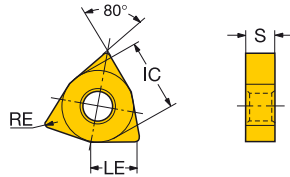
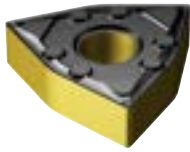


			LE	S	RE	BS	ISO CODE	P					M					K		N	S					ANSI CODE			
								1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125	1105		1115	1125	H13A
Finishing	XF	06	3/8	6.1	4.76	0.40	WNMG 06 04 04-XF			★	☆										☆								WNMG 331-XF
				.241	.188	.016																☆							WNMG 332-XF
				.225	.188	.031																							
		08	1/2	8.3	4.76	0.40	WNMG 08 04 04-XF			★	☆											☆							WNMG 431-XF
				.326	.188	.016																							
				7.9	4.76	0.79	WNMG 08 04 08-XF			★	☆												☆						WNMG 432-XF
Medium	WM	06	3/8	5.7	4.76	0.79	0.8	WNMG 06 04 08-WM	☆		☆	★				★			★	☆									WNMG 332-WM
				.225	.188	.031	.031												★	☆	☆								WNMG 333-WM
				5.3	4.76	1.19	1.1	WNMG 06 04 12-WM			☆	★							★	☆	☆								
				.209	.188	.047	.043																						
		08	1/2	7.9	4.76	0.79	0.8	WNMG 08 04 08-WM	☆	☆	☆	★	☆			★			★	☆	☆								WNMG 432-WM
				.311	.188	.031	.031																						
	WMX	06	3/8	1.6	4.76	0.79	0.9	WNMG 06 04 08-WMX		☆	☆	★				★				☆	☆								WNMG 332-WMX
				.063	.188	.031	.035																						
				1.6	4.76	1.19	1.0	WNMG 06 04 12-WMX		☆	☆	★				★				☆	☆								WNMG 333-WMX
				.063	.188	.047	.037																						
		08	1/2	2.2	4.76	0.79	0.7	WNMG 08 04 08-WMX		☆	☆	★	☆			★			★	☆	☆								WNMG 432-WMX
				.087	.188	.031	.028																						
	PM	06	3/8	5.7	4.76	0.79		WNMG 06 04 08-PM		☆	☆	★	☆							☆									WNMG 332-PM
				.225	.188	.031																							
				5.3	4.76	1.19		WNMG 06 04 12-PM				☆	★	☆							☆								WNMG 333-PM
				.209	.188	.047																							
		08	1/2	7.9	4.76	0.79		WNMG 08 04 08-PM	☆	☆	☆	★	☆								☆								WNMG 432-PM
				.311	.188	.031																☆							
MM	06	3/8	5.7	4.76	0.79		WNMG 06 04 08-MM							☆	☆	☆	★	☆	☆			☆		☆	★			WNMG 332-MM	
			.225	.188	.031																								
			5.3	4.76	1.19		WNMG 06 04 12-MM									☆	★	☆										WNMG 333-MM	
			.209	.188	.047																								
	08	1/2	7.9	4.76	0.79		WNMG 08 04 08-MM							☆	☆	☆	★	☆	☆			☆		☆	★			WNMG 432-MM	
			.311	.188	.031										☆	☆	☆	★	☆	☆			☆		☆	★		WNMG 433-MM	
KM	06	3/8	5.7	4.76	0.79		WNMG 06 04 08-KM												★	☆								WNMG 332-KM	
			.225	.188	.031															★	☆								
			5.3	4.76	1.19		WNMG 06 04 12-KM														★	☆						WNMG 333-KM	
			.209	.188	.047																								
	08	1/2	7.9	4.76	0.79		WNMG 08 04 08-KM													★	☆							WNMG 432-KM	
			.311	.188	.031																★	☆							
G	KM			7.5	4.76	1.19		WNMG 08 04 12-KM													★	☆							WNMG 433-KM
				.295	.188	.047																							
				7.1	4.76	1.59		WNMG 08 04 16-KM													★	☆							WNMG 434-KM
				.279	.188	.063																							



T-Max® P insert for turning

W-style insert (Trigon 80°)



			LE	S	RE	BS	ISO CODE	P					M					K		N	S					ANSI CODE			
								1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125	1105		1115	1125	H13A
Medium	QM	06	3/8	5.7	4.76	0.79	WNMG 06 04 08-QM		☆	☆	☆	☆	☆	☆							☆				☆				WNMG 332-QM
				.225	.188	.031																☆							WNMG 333-QM
				.209	.188	.047																							
		08	1/2	8.3	4.76	0.40	WNMG 08 04 04-QM			☆	☆			☆							☆	☆		☆	☆		☆		WNMG 431-QM
				.326	.188	.016																☆	☆		☆	☆			
				.79	4.76	0.79	WNMG 08 04 08-QM		☆	☆	☆	☆		☆		☆			☆	☆		☆	☆		☆	☆			WNMG 432-QM
				.311	.188	.031																☆	☆		☆	☆			WNMG 433-QM
				.295	.188	.047																							
			.71	4.76	1.59	WNMG 08 04 16-QM		☆	☆	☆							☆			☆								WNMG 434-QM	
			.279	.188	.063																								
	SM	06	3/8	6.1	4.76	0.40	WNMG 06 04 04-SM																	☆					WNMG 331-SM
				.241	.188	.016																							
				.57	4.76	0.79	WNMG 06 04 08-SM																	☆					WNMG 332-SM
				.225	.188	.031																							
		08	1/2	3.2	4.76	0.40	WNMG 08 04 04-SM								☆	☆								☆	☆	☆	☆	☆	WNMG 431-SM
				.126	.188	.016																			☆	☆	☆	☆	☆
			.32	4.76	0.79	WNMG 08 04 08-SM								☆	☆								☆	☆	☆	☆	☆	WNMG 432-SM	
			.126	.188	.031																								
			.32	4.76	1.19	WNMG 08 04 12-SM								☆	☆									☆	☆	☆	☆	☆	WNMG 433-SM
			.126	.188	.047																								
SMR	08	1/2	3.2	4.76	0.79	WNMG 08 04 08-SMR							☆	☆		☆							☆	☆	☆	☆	☆	WNMG 432-SMR	
			.126	.188	.031																								
			.32	4.76	1.19	WNMG 08 04 12-SMR							☆	☆		☆							☆	☆	☆	☆	☆	WNMG 433-SMR	
		.126	.188	.047																									
XM	06	3/8	5.7	4.76	0.79	WNMG 06 04 08-XM			☆	☆											☆								WNMG 332-XM
			.225	.188	.031																								
	08	1/2	7.9	4.76	0.79	WNMG 08 04 08-XM			☆	☆						☆					☆							WNMG 432-XM	
			.311	.188	.031																								
		.75	4.76	1.19	WNMG 08 04 12-XM				☆	☆					☆							☆						WNMG 433-XM	
		.295	.188	.047																									
Roughing	XMR	08	1/2	7.5	4.76	1.19	WNMG 08 04 12-XMR			☆	☆					☆					☆								WNMG 433-XMR
				.295	.188	.047																							
	PR	06	3/8	5.7	4.76	0.79	WNMG 06 04 08-PR				☆	☆	☆								☆								WNMG 332-PR
				.225	.188	.031																							
				.53	4.76	1.19	WNMG 06 04 12-PR		☆	☆	☆	☆											☆						WNMG 333-PR
				.209	.188	.047																							
		08	1/2	7.9	4.76	0.79	WNMG 08 04 08-PR		☆	☆	☆	☆											☆						WNMG 432-PR
				.311	.188	.031																							
		.75	4.76	1.19	WNMG 08 04 12-PR		☆	☆	☆	☆											☆						WNMG 433-PR		
		.295	.188	.047																									
		.71	4.76	1.59	WNMG 08 04 16-PR		☆	☆	☆	☆											☆							WNMG 434-PR	
		.279	.188	.063																									

C

D

E

F

G

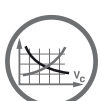
H



A227



A283



A348



A379

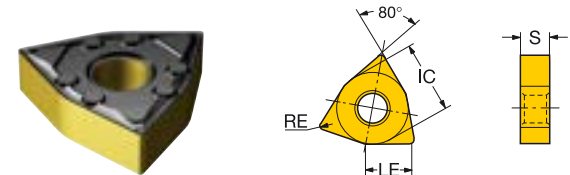


H37



H6

T-Max® P insert for turning
W-style insert (Trigon 80°)

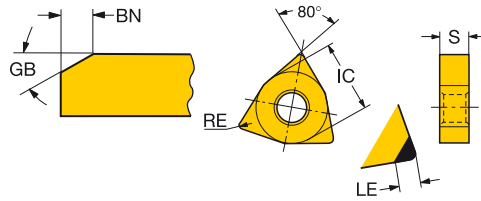
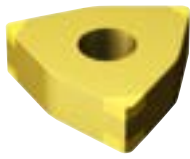


			LE	S	RE	BS	ISO CODE	P					M					K		N	S					ANSI CODE				
								1525	4305	4315	4325	4335	5015	1115	1125	2015	2025	2035	2220	3210	3225	4325	H13A	1125	1105		1115	1125	H13A	S05F
Roughing	KR		06	3/8	5.7	4.76	0.79	WNMA 06 04 08-KR												☆	★									WNMA 332-KR
					.225	.188	.031														☆	★								WNMA 333-KR
					5.3	4.76	1.19	WNMA 06 04 12-KR																						
				.209	.188	.047																								
		08	1/2	7.9	4.76	0.79	WNMA 08 04 08-KR														★								WNMA 432-KR	
				.311	.188	.031																								
				7.5	4.76	1.19	WNMA 08 04 12-KR														★								WNMA 433-KR	
				.295	.188	.047																								
				7.1	4.76	1.59	WNMA 08 04 16-KR														☆	★								WNMA 434-KR
				.279	.188	.063																								
		06	3/8	5.7	4.76	0.79	WNMG 06 04 08-KR														☆	★								WNMG 332-KR
				.225	.188	.031																								
				5.3	4.76	1.19	WNMG 06 04 12-KR															☆	★							WNMG 333-KR
				.209	.188	.047																								
		08	1/2	7.9	4.76	0.79	WNMG 08 04 08-KR															☆	★							WNMG 432-KR
				.311	.188	.031																								
		7.5	4.76	1.19	WNMG 08 04 12-KR															☆	★							WNMG 433-KR		
		.295	.188	.047																										
	MR		06	3/8	5.7	4.76	0.79	WNMG 06 04 08-MR								☆	☆	★	☆											WNMG 332-MR
					.225	.188	.031																							
					5.3	4.76	1.19	WNMG 06 04 12-MR																						
				.209	.188	.047																								
		08	1/2	7.9	4.76	0.79	WNMG 08 04 08-MR										☆	☆	★	☆										WNMG 432-MR
				.311	.188	.031																								
		7.5	4.76	1.19	WNMG 08 04 12-MR										☆	☆	★	☆										WNMG 433-MR		
		.295	.188	.047																										

T-Max® P insert for turning

W-style insert (Trigon 80°)

Advanced cutting materials



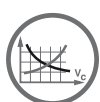
									ISO CODE	K		H								ANSI CODE
										6190	7525	6050	7015	7025	7105	7115	7125	7135	7525	
Finishing	06	3/8	2.4	4.76	0.4	30°	0.10	WNGA060404S01030A					☆	★						WNGA331S0330A
			.094	.188	.016	30°	.004													
			2.6	4.76	0.4	25°	0.15	WNGA060404S01525H							☆	★				WNGA331S0525H
			.102	.188	.016	25°	.006													
			1.8	4.76	0.4	20°	0.10	WNGA060404T01020B	★										★	WNGA331T0320B
			.071	.188	.016	20°	.004													
			2.4	4.76	0.8	30°	0.10	WNGA060408S01030A					☆	★						WNGA332S0330A
			.094	.188	.031	30°	.004													
			2.5	4.76	0.8	25°	0.15	WNGA060408S01525H							☆	★				WNGA332S0525H
			.098	.188	.031	25°	.006													
			2.4	4.76	0.8	20°	0.10	WNGA060408T01020B	★										★	WNGA332T0320B
			.094	.188	.031	20°	.004													
			1.8	4.76	0.4	0.8	20°	0.10	WNGA060404T01020BWG	★									★	WNGA331T0320BWG
			.071	.188	.016	.031	20°	.004												
			2.4	4.76	0.8	1.0	20°	0.10	WNGA060408T01020BWG	★									★	WNGA332T0320BWG
			.094	.188	.031	.039	20°	.004												
			2.4	4.76	0.4	0.5	30°	0.10	WNGA060404S01030AWH					★						WNGA331S0330AWH
			.094	.188	.016	.018	30°	.004												
			2.6	4.76	0.4	0.5	20°	0.15	WNGA060404S01520HWH						☆	★				WNGA331S0520HWH
			.102	.188	.016	.018	20°	.006												
			2.4	4.76	0.4	0.5	30°	0.10	WNGA060404T01030AWH					★						WNGA331T0330AWH
			.094	.188	.016	.018	30°	.004												
			2.4	4.76	0.8	0.6	30°	0.10	WNGA060408S01030AWH					★						WNGA332S0330AWH
			.094	.188	.031	.022	30°	.004												
			2.5	4.76	0.8	0.6	20°	0.15	WNGA060408S01520HWH						☆	★				WNGA332S0520HWH
			.098	.188	.031	.022	20°	.006												
			2.4	4.76	0.8	0.6	30°	0.10	WNGA060408T01030AWH					★						WNGA332T0330AWH
			.094	.188	.031	.022	30°	.004												
	08	1/2	3.0	4.76	0.4	30°	0.10	WNGA080404S01030A					☆	★						WNGA431S0330A
			.118	.188	.016	30°	.004													
			8.3	4.76	0.4	25°	0.15	WNGA080404S01525		★										WNGA431S0625
			.326	.188	.016	25°	.006													
			2.6	4.76	0.4	25°	0.15	WNGA080404S01525H							☆	★				WNGA431S0525H
			.102	.188	.016	25°	.006													
			3.1	4.76	0.4	20°	0.10	WNGA080404T01020B	★										★	WNGA431T0320B
			.122	.188	.016	20°	.004													
			2.9	4.76	0.8	30°	0.10	WNGA080408S01030A					☆	★						WNGA432S0330A
			.114	.188	.031	30°	.004													
			7.9	4.76	0.8	25°	0.15	WNGA080408S01525		★										WNGA432S0625
			.311	.188	.031	25°	.006													
			2.5	4.76	0.8	25°	0.15	WNGA080408S01525H							☆	☆	★			WNGA432S0525H
			.098	.188	.031	25°	.006													
			2.5	4.76	0.8	30°	0.15	WNGA080408S01530F										★		WNGA432S0530F
			.098	.188	.031	30°	.006													
			2.0	4.76	0.8	35°	0.20	WNGA080408S02035A						★						WNGA432S0835A
			.079	.188	.031	35°	.008													
			3.0	4.76	0.8	20°	0.10	WNGA080408T01020B	★										★	WNGA432T0320B
			.118	.188	.031	20°	.004													
			7.9	4.76	0.8	25°	0.15	WNGA080408T01525			★									WNGA432T0625
			.311	.188	.031	25°	.006													
			7.9	4.76	0.8	20°	0.25	WNGA080408T02520	★											WNGA432T0820
			.311	.188	.031	20°	.010													
			2.8	4.76	1.2	30°	0.10	WNGA080412S01030A					☆	★						WNGA433S0330A
			.110	.188	.047	30°	.004													
			2.4	4.76	1.2	25°	0.15	WNGA080412S01525H							☆	☆	★			WNGA433S0525H
			.095	.188	.047	25°	.006													
			2.9	4.76	1.2	30°	0.15	WNGA080412S01530F											★	WNGA433S0530F
			.113	.188	.047	30°	.006													
			2.9	4.76	1.2	20°	0.10	WNGA080412T01020B	★										★	WNGA433T0320B
			.114	.188	.047	20°	.004													



A227



A283



A348



A379



H37



H28

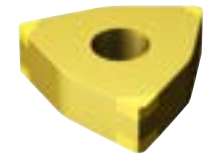


H6



H3

Advanced cutting materials



		LE	S	RE	BS	GB	BN	ISO CODE	6190	7525	6050	7015	7025	7105	7125	7135	7525	ANSI CODE
Finishing	08	1/2	7.5	4.76	1.2		20°	0.25	WNGA080412T02520	★								WNGA433T0820
			.295	.188	.047		20°	.010										
			7.1	4.76	1.6		20°	0.25	WNGA080416T02520	★								WNGA434T0820
			.279	.188	.063		20°	.010										
			3.1	4.76	0.4	0.8	20°	0.10	WNGA080404T01020BWG	★							★	WNGA431T0320BWG
			.122	.188	.016	.031	20°	.004										
			3.0	4.76	0.8	1.0	20°	0.10	WNGA080408T01020BWG	★							★	WNGA432T0320BWG
			.118	.188	.031	.039	20°	.004										
			7.9	4.76	0.8	1.0	20°	0.10	WNGA080408T01020WG	★								WNGA432T0320WG
			.311	.188	.031	.039	20°	.004										
			7.5	4.76	1.2	1.2	20°	0.10	WNGA080412T01020WG	★								WNGA433T0320WG
			.295	.188	.047	.047	20°	.004										
			3.0	4.76	0.4	0.5	30°	0.10	WNGA080404S01030AWH				★					WNGA431S0330AWH
			.118	.188	.016	.018	30°	.004										
			2.6	4.76	0.4	0.5	20°	0.15	WNGA080404S01520HWH					☆	★			WNGA431S0520HWH
			.102	.188	.016	.018	20°	.006						☆				
			8.3	4.76	0.4	0.5	25°	0.15	WNGA080404S01525WH		★							WNGA431S0625WH
			.326	.188	.016	.020	25°	.006										
			3.0	4.76	0.4	0.5	30°	0.10	WNGA080404T01030AWH				★					WNGA431T0330AWH
			.118	.188	.016	.018	30°	.004										
			2.9	4.76	0.8	0.6	30°	0.10	WNGA080408S01030AWH				★					WNGA432S0330AWH
			.114	.188	.031	.022	30°	.004										
			2.5	4.76	0.8	0.6	20°	0.15	WNGA080408S01520HWH					☆	★			WNGA432S0520HWH
			.098	.188	.031	.022	20°	.006										
			7.9	4.76	0.8	0.6	25°	0.15	WNGA080408S01525WH		★							WNGA432S0625WH
			.311	.188	.031	.022	25°	.006										
			2.9	4.76	0.8	0.6	30°	0.10	WNGA080408T01030AWH				★					WNGA432T0330AWH
			.114	.188	.031	.022	30°	.004										
			7.9	4.76	0.8	0.6	25°	0.15	WNGA080408T01525WH		★							WNGA432T0625WH
			.311	.188	.031	.022	25°	.006										
		2.8	4.76	1.2	0.6	30°	0.10	WNGA080412S01030AWH				★					WNGA433S0330AWH	
		.110	.188	.047	.024	30°	.004											
		2.4	4.76	1.2	0.6	20°	0.15	WNGA080412S01520HWH					☆	★			WNGA433S0520HWH	
		.095	.188	.047	.024	20°	.006											
		2.8	4.76	1.2	0.6	30°	0.10	WNGA080412T01030AWH				★					WNGA433T0330AWH	
		.110	.188	.047	.024	30°	.004											

T-Max® P tools for external machining

B

C

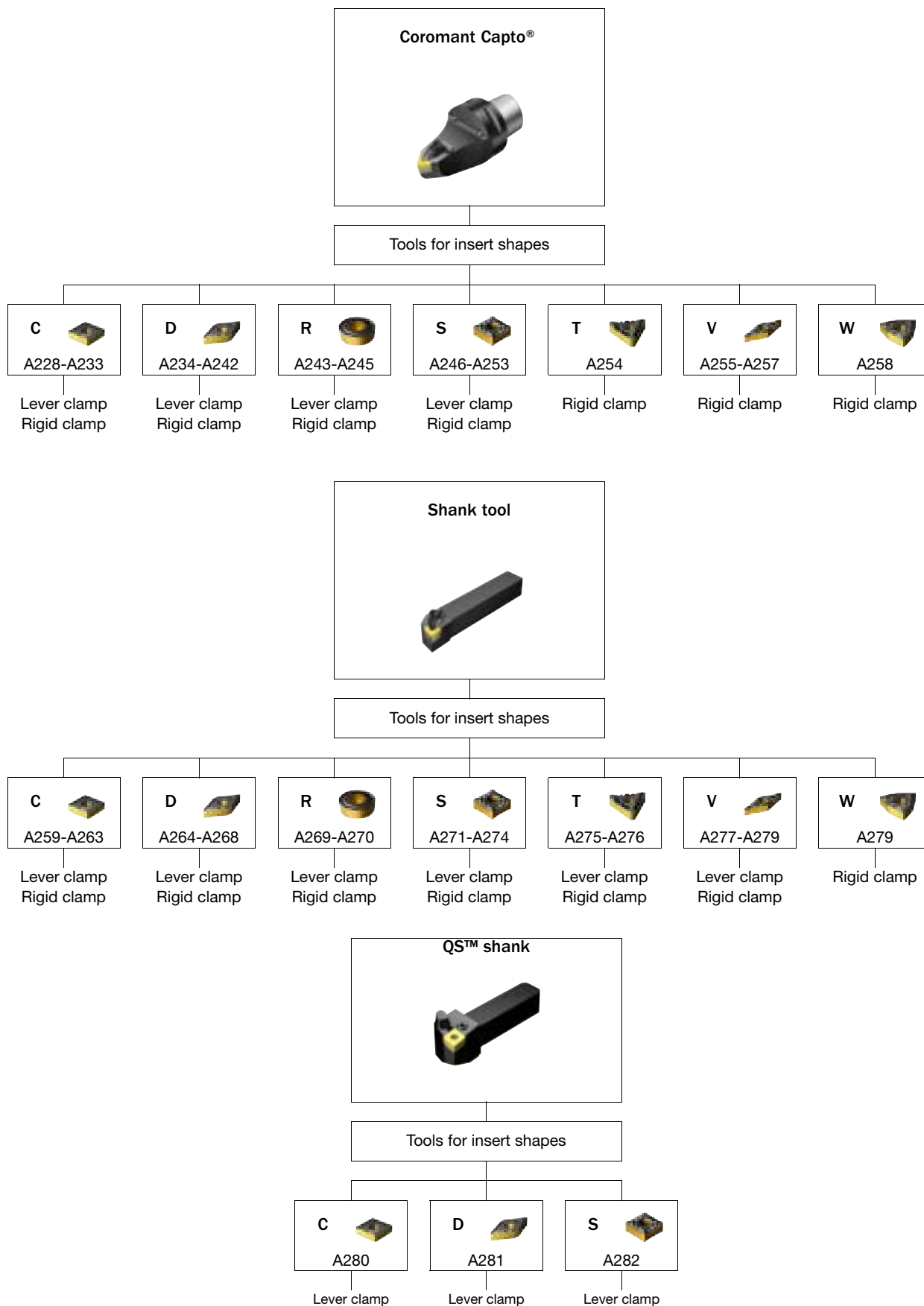
D

E

F

G

H



T-Max® P cutting unit for turning

Lever clamp design

Coromant Capto® - Precision coolant supply

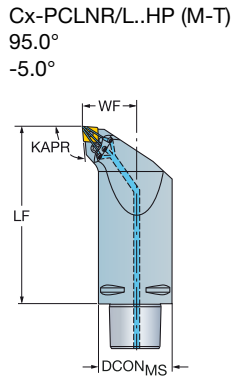
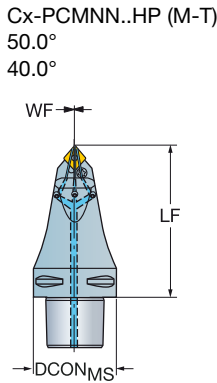
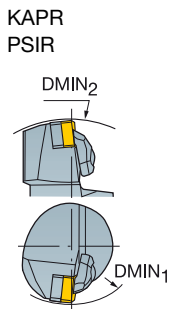
B



C



- CNMM
- CNMG
- CNMA, CNGA



Tools for multi-task machining

D

			CZC _{MS}				DMIN ₁		DMIN ₂		CNSC	Ordering code	Dimensions, mm, inch						MIID
	12	1/2	C6	110.0	3	4.331	63	165.0	45.0	150	5.0	3.70	DCON _{MS}	LF	WF	BAR PSI	NM	KG	
	12	1/2	C4	185.0	3	7.283	40	95.0	0.0	150	5.0	0.76							CNMG 12 04 08
						8.661													
			C5	220.0	3	8.661	50	115.0	0.0	150	5.0	1.38							CNMG 12 04 08
						9.449													
			C6	240.0	3	9.449	63	115.0	0.0	150	5.0	1.98							CNMG 12 04 08
						12.402													
			C8	315.0	3	12.402	80	150.0	0.0	150	5.0	4.14							CNMG 12 04 08
						12.402													
	19	3/4	C10	315.0	3	12.402	100	110.0	0.0	150	10.0	5.78							CNMG 19 06 12
						12.402													

N = Neutral, R = Right hand, L = Left hand

F

			Spare parts				
		CZC _{MS}	Lever	Screw	Shim	Shim pin	Nozzle
12	1/2	C4-C8	174.3-841M	174.3-821	171.31-850M	174.3-861	5691 026-03
19	3/4	C10	174.3-842M	174.3-822M	171.35-851M	174.3-862	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

G

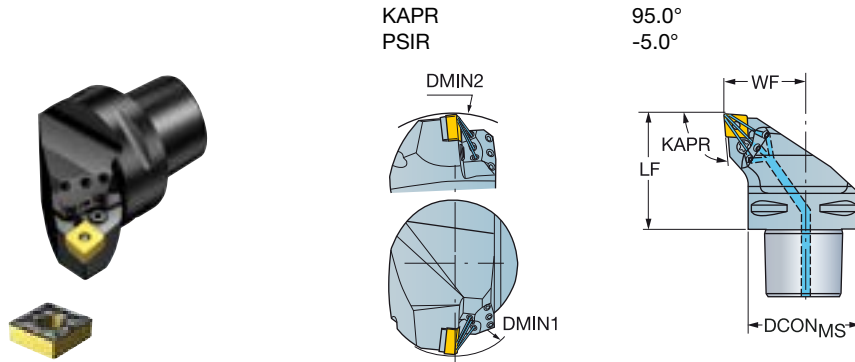
H

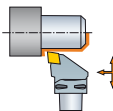


T-Max® P cutting unit for turning

Lever clamp design

Coromant Capto® - Precision coolant supply



								Dimensions, mm, inch						
			CZC _{MS}	DMIN ₁	DMIN ₂	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID
	12	1/2	C4	110.0	140.0	3	C4-PCLNR/L-27050-12HP	40	50.0	27.0	150	5.0	0.47	CNMG 12 04 08
				4.331	5.512			1.575	1.969	1.063	2175			
			C5	110.0	165.0	3	C5-PCLNR/L-35060-12HP	50	60.0	35.0	150	5.0	0.79	CNMG 12 04 08
				4.331	6.496			1.969	2.362	1.378	2175			
			C6	110.0	195.0	3	C6-PCLNR/L-45065-12HP	63	65.0	45.0	150	5.0	1.36	CNMG 12 04 08
				4.331	7.677			2.480	2.559	1.772	2175			
			C8	110.0	250.0	3	C8-PCLNR/L-55080-12HP	80	80.0	55.0	150	5.0	2.67	CNMG 12 04 08
				4.331	9.843			3.150	3.150	2.165	2175			
	16	5/8	C5	125.0	165.0	3	C5-PCLNR/L-35060-16HP	50	60.0	35.0	150	5.0	0.85	CNMG 16 06 12
				4.921	6.496			1.969	2.362	1.378	2175			
			C6	110.0	195.0	3	C6-PCLNR/L-45065-16HP	63	65.0	45.0	150	5.0	1.36	CNMG 16 06 12
				4.331	7.677			2.480	2.559	1.772	2175			
			C8	125.0	250.0	3	C8-PCLNR/L-55080-16HP	80	80.0	55.0	150	5.0	2.72	CNMG 16 06 12
				4.921	9.843			3.150	3.150	2.165	2175			
	19	3/4	C6	110.0	195.0	3	C6-PCLNR/L-45065-19HP	63	65.0	45.0	150	10.0	1.38	CNMG 19 06 12
				4.331	7.677			2.480	2.559	1.772	2175			
			C8	150.0	250.0	3	C8-PCLNR/L-55080-19HP	80	80.0	55.0	150	10.0	2.69	CNMG 19 06 12
				5.906	9.843			3.150	3.150	2.165	2175			
			C10	220.0	315.0	3	C10-PCLNR/L-68110-19HP	100	110.0	68.0	150	10.0	6.60	CNMG 19 06 12
				8.661	12.402			3.937	4.331	2.677	2175			

R = Right hand, L = Left hand

Spare parts							
		CZC _{MS}	Lever	Screw	Shim	Shim pin	Nozzle
12	1/2	C4-C8	174.3-841M	174.3-821	171.31-850M	174.3-861	5691 026-03
16	5/8	C5-C8	438.3-840	438.3-831	171.31-852	174.3-864	5691 026-03
19	3/4	C6-C10	174.3-842M	174.3-822M	171.31-851M	174.3-862	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

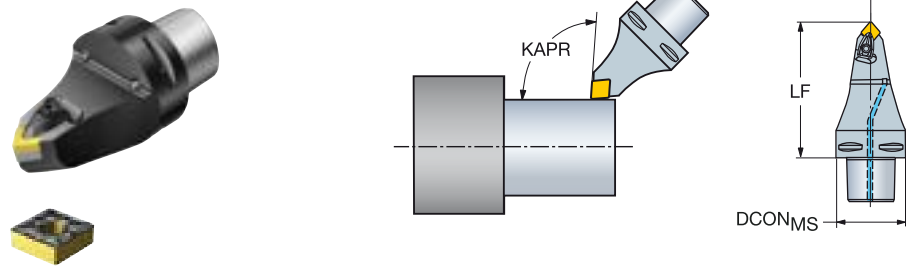


T-Max® P cutting unit for turning

Rigid clamp design

Coromant Capto® - Internal coolant supply

B



C

- CNMM
- CNMG
- CNMA, CNGA

Tools for Multi-Task machining

D

							Dimensions, mm, inch						
			CZC _{MS}	RMPX	CNSC	Ordering code	DCON	LF	WF				MIID
	12	1/2	C5	45°	3	C5-DCMNN-00105-12	50	105.0	0.0	10	3.9	1.14	CNMG 12 04 08
			C6	45°	3	C6-DCMNN-00090-12	1.969	4.134	.000	145			CNMG 432
							63	90.0	0.0	10	3.9	1.39	CNMG 12 04 08
			C6	45°	3	C6-DCMNN-00115-12	2.480	3.543	.000	145			CNMG 432
							63	115.0	0.0	10	3.9	1.84	CNMG 12 04 08
							2.480	4.528	.000	145			CNMG 432
	16	5/8	C6	45°	3	C6-DCMNN-00090-16	63	90.0	0.0	10	6.4	1.32	CNMG 16 06 12
							2.480	3.543	.000	145			CNMG 543
			C8	45°	3	C8-DCMNN-00150-16	80	150.0	0.0	10	6.4	4.00	CNMG 16 06 12
							3.150	5.906	.000	145			CNMG 543

N = Neutral

E

			Spare parts			
		CZC _{MS}	Shim screw	Shim	Clamp set	Nozzle
12	1/2	C5	5513 020-02	5322 234-01	5412 028-021	5691 034-02
12	1/2	C6	5513 020-02	5322 234-01	5412 028-021	5691 034-03
16	5/8	C6-C8	5513 020-07	5322 234-03	5412 028-031	5691 034-03

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H

A185

F2

E1

G1

ISO

H37

H10

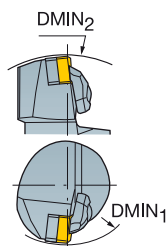
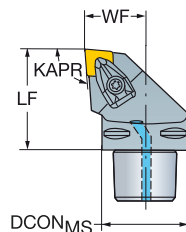
H5

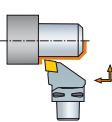
A 230

T-Max® P cutting unit for turning

Rigid clamp design

Coromant Capto® - Internal coolant supply

KAPR
PSIR95.0°
-5.0°

			CZC _{MS}	DMIN ₁	DMIN ₂	CNSC	Ordering code	Dimensions, mm, inch						MIID
	DCON _{MS}	LF						WF						
	09	3/8	C4	60.0	140.0	3	C4-DCLNR/L-27050-09	40	50.0	27.0	10	1.7	0.41	CNMG 09 03 08
				2.362	5.512			1.575	1.969	1.063	145			
	12	1/2	C4	110.0	140.0	3	C4-DCLNR/L-27050-12	40	50.0	27.0	10	3.9	0.44	CNMG 12 04 08
				4.331	5.512			1.575	1.969	1.063	145			
			C5	110.0	165.0	3	C5-DCLNR/L-35060-12	50	60.0	35.0	10	3.9	0.79	CNMG 12 04 08
				4.331	6.496			1.969	2.362	1.378	145			
			C6	110.0	190.0	3	C6-DCLNR/L-45065-12	63	65.0	45.0	10	3.9	1.33	CNMG 12 04 08
				4.331	7.480			2.480	2.559	1.772	145			
			C8	110.0	250.0	3	C8-DCLNR/L-55080-12	80	80.0	55.0	10	3.9	2.56	CNMG 12 04 08
				4.331	9.843			3.150	3.150	2.165	145			
	16	5/8	C4	125.0	145.0	3	C4-DCLNR/L-27055-16	40	55.0	27.0	10	6.4	0.48	CNMG 16 06 12
				4.921	5.709			1.575	2.165	1.063	145			
			C5	125.0	165.0	3	C5-DCLNR/L-35060-16	50	60.0	35.0	10	6.4	0.79	CNMG 16 06 12
				4.921	6.496			1.969	2.362	1.378	145			
			C6	125.0	190.0	3	C6-DCLNR/L-45065-16	63	65.0	45.0	10	6.4	1.43	CNMG 16 06 12
				4.921	7.480			2.480	2.559	1.772	145			
			C8	125.0	250.0	3	C8-DCLNR/L-55080-16	80	80.0	55.0	10	6.4	2.59	CNMG 16 06 12
				4.921	9.843			3.150	3.150	2.165	145			
	19	3/4	C5	80.0	165.0	3	C5-DCLNR/L-35060-19	50	60.0	35.0	10	6.4	0.87	CNMG 19 06 12
				3.150	6.496			1.969	2.362	1.378	145			
			C6	81.0	190.0	3	C6-DCLNR/L-45065-19	63	65.0	45.0	10	6.4	1.34	CNMG 19 06 12
				3.189	7.480			2.480	2.559	1.772	145			
			C8	100.0	250.0	3	C8-DCLNR/L-55080-19	80	80.0	55.0	10	6.4	2.61	CNMG 19 06 12
				3.937	9.843			3.150	3.150	2.165	145			

R = Right hand, L = Left hand

Spare parts						
		CZC _{MS}	Shim screw	Shim	Clamp set	Nozzle
09	3/8	C4	5513 020-04	5322 236-04	5412 028-011	5691 045-01
12	1/2	C4-C8	5513 020-02	5322 234-01	5412 028-021	5691 045-01
16	5/8	C4-C8	5513 020-07	5322 234-03	5412 028-031	5691 045-01
19	3/4	C5-C8	5513 020-07	5322 236-01	5412 028-041	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A185



F2



E1



G1



H37



H10



H5

A

GENERAL TURNING

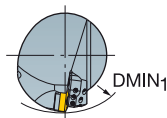
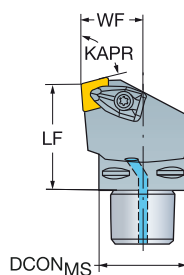
External tools

T-Max® P cutting unit for turning

Rigid clamp design

Coromant Capto® - Internal coolant supply

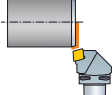
B

KAPR
PSIR75.0°
15.0°

C

- CNMM
- CNMG
- CNMA, CNGA

D

						Ordering code	Dimensions, mm, inch							MIID
		CZC _{MS}	DMIN _i	CNSC	DCON _{MS}		LPR	LF	WF					
	12	1/2	C4	110.0	3	C4-DCKNR/L-27050-12	40	53.1	50.0	27.0	10	3.9	0.49	CNMG 12 04 08
				4.331			1.575	2.090	1.969	1.063	145			
			C5	110.0	3	C5-DCKNR/L-35060-12	50	63.1	60.0	35.0	10	3.9	0.89	CNMG 12 04 08
				4.331			1.969	2.484	2.362	1.378	145			
			C6	110.0	3	C6-DCKNR/L-45065-12	63	68.1	65.0	45.0	10	3.9	1.48	CNMG 12 04 08
				4.331			2.480	2.681	2.559	1.772	145			
	16	5/8	C5	125.0	3	C5-DCKNR/L-35060-16	50	63.8	60.0	35.0	10	6.4	0.86	CNMG 16 06 12
				4.921			1.969	2.512	2.362	1.378	145			
			C6	125.0	3	C6-DCKNR/L-45065-16	63	68.8	65.0	45.0	10	6.4	1.50	CNMG 16 06 12
				4.921			2.480	2.709	2.559	1.772	145			
	19	3/4	C6	81.0	3	C6-DCKNR/L-45065-19	63	74.6	65.0	45.0	10	6.4	1.50	CNMG 19 06 12
				3.189			2.480	2.938	2.559	1.772	145			
		C8	100.0	3	C8-DCKNR/L-55080-19	80	89.6	80.0	55.0	10	6.4	2.82	CNMG 19 06 12	
			3.937			3.150	3.529	3.150	2.165	145				

R = Right hand, L = Left hand

F

Spare parts						
		CZC _{MS}	Shim screw	Shim	Clamp set	Nozzle
12	1/2	C4	5513 020-02	5322 234-01	5412 028-021	5691 034-01
12	1/2	C5-C6	5513 020-02	5322 234-01	5412 028-021	5691 034-02
16	5/8	C5-C6	5513 020-07	5322 234-03	5412 028-031	5691 034-02
19	3/4	C6	5513 020-07	5322 236-01	5412 028-041	5691 034-02
19	3/4	C8	5513 020-07	5322 236-01	5412 028-041	5691 034-03

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



A185



F2



E1



G1



H37



H10

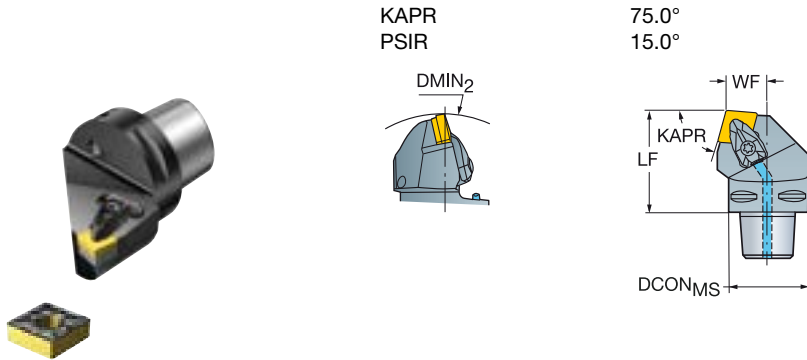


H5

T-Max® P cutting unit for turning

Rigid clamp design

Coromant Capto® - Internal coolant supply



			CZC _{MS}	DMIN ₂	CNSC	Ordering code	Dimensions, mm, inch						MID
							DCON _{MS}	LF	WF	BAR PSI	NM	KG	
	12	1/2	C4	140.0	3	C4-DCRNR/L-22050-12	40	50.0	22.0	10	3.9	0.46	CNMG 12 04 08
				5.512			1.575	1.969	.866	145			
			C5	165.0	3	C5-DCRNR/L-27060-12	50	60.0	27.0	10	3.9	0.75	CNMG 12 04 08
				6.496			1.969	2.362	1.063	145			
			C6	190.0	3	C6-DCRNR/L-35065-12	63	65.0	35.0	10	3.9	1.40	CNMG 12 04 08
				7.480			2.480	2.559	1.378	145			
	16	5/8	C5	165.0	3	C5-DCRNR/L-27060-16	50	60.0	27.0	10	6.4	0.74	CNMG 16 06 12
				6.496			1.969	2.362	1.063	145			
			C6	190.0	3	C6-DCRNR/L-35065-16	63	65.0	35.0	10	6.4	1.34	CNMG 16 06 12
				7.480			2.480	2.559	1.378	145			
			C8	250.0	3	C8-DCRNR/L-55080-16	80	80.0	55.0	10	6.4	2.68	CNMG 16 06 12
				9.843			3.150	3.150	2.165	145			
	19	3/4	C6	190.0	3	C6-DCRNR/L-35065-19	63	65.0	35.0	10	6.4	1.33	CNMG 19 06 12
				7.480			2.480	2.559	1.378	145			
			C8	250.0	3	C8-DCRNR/L-55080-19	80	80.0	55.0	10	6.4	2.68	CNMG 19 06 12
				9.843			3.150	3.150	2.165	145			

R = Right hand, L = Left hand

Spare parts						
		CZC _{MS}	Shim screw	Shim	Clamp set	Nozzle
12	1/2	C4	5513 020-02	5322 234-01	5412 028-021	5691 034-01
12	1/2	C5-C6	5513 020-02	5322 234-01	5412 028-021	5691 045-01
16	5/8	C5-C8	5513 020-07	5322 234-03	5412 028-031	5691 045-01
19	3/4	C6-C8	5513 020-07	5322 236-01	5412 028-041	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

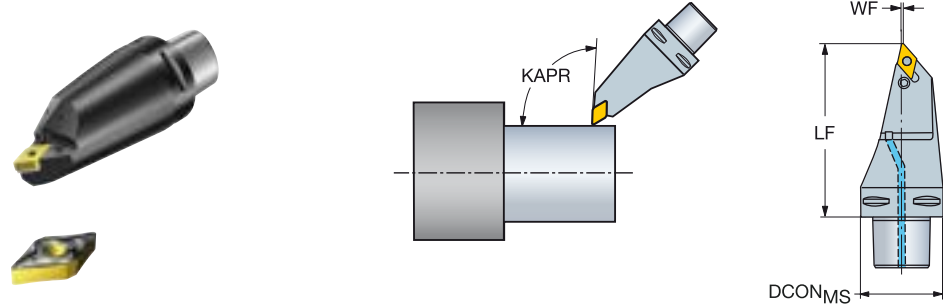


T-Max® P cutting unit for turning

Lever clamp design

Coromant Capto® - Precision coolant supply

B



C

- DNMM, DNMX
- DNMG
- DNMA, DNGA

Tools for multi-task machining

D

						Dimensions, mm, inch							
			CZC _{MS}	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID
	15	1/2	C6	27°	3	C6-PDMNR/L-00130-15HP	63	130.0	0.6	150	5.0	2.08	DNMG 15 06 08
							2.480	5.118	.022	2175			

R = Right hand, L = Left hand

E

Spare parts				
Lever	Screw	Shim	Shim pin	Nozzle
174.3-847M	174.3-830	171.35-851M	174.3-861	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

F

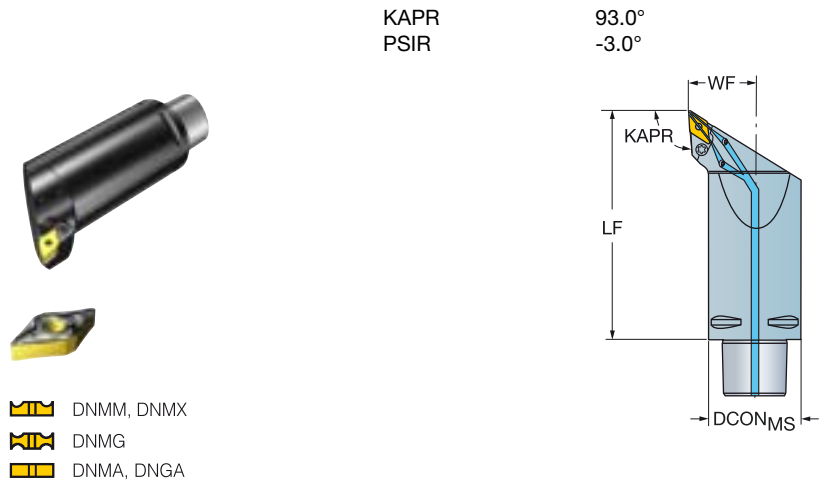
G

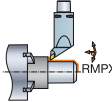
H



T-Max® P cutting unit for turning

Lever clamp design
Coromant Capto® - Precision coolant supply

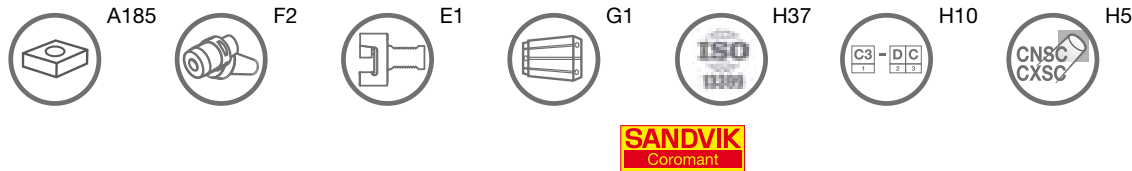


							Dimensions, mm, inch						
			CZC _{MS}	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID
	15	1/2	C6	27°	3	C6-PDJNR/L-45165-15HP	63	165.0	45.0	150	5.0	3.88	DNMG 15 06 08
							2.480	6.496	1.772	2175			

R = Right hand, L = Left hand

Spare parts				
Lever	Screw	Shim	Shim pin	Nozzle
174.3-847M	174.3-830	171.35-850M	174.3-861	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com



A

GENERAL TURNING

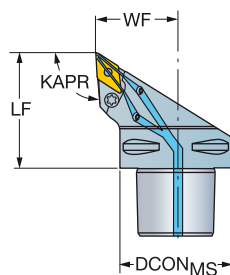
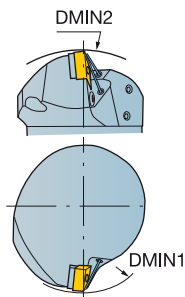
External tools

T-Max® P cutting unit for turning

Lever clamp design

Coromant Capto® - Precision coolant supply

B

KAPR
PSIR93.0°
-3.0°

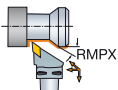
C

DNMM, DNMX

DNMG

DNMA, DNMA

D

									Dimensions, mm, inch						
			CZC _{MS}	DMIN ₁	DMIN ₂	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID
	11	3/8	C4	90.0	145.0	27°	3	C4-PDJNR/L-27050-11HP	40	50.0	27.0	150	2.0	0.44	DNMG 11 04 08
				3.543	5.709				1.575	1.969	1.063	2175			
			C5	110.0	165.0	27°	3	C5-PDJNR/L-35060-11HP	50	60.0	35.0	150	2.0	0.79	DNMG 11 04 08
				4.331	6.496				1.969	2.362	1.378	2175			
	15	1/2	C4	65.0	145.0	27°	3	C4-PDJNR/L-27055-15HP	40	55.0	27.0	150	5.0	0.48	DNMG 15 06 08
				2.559	5.709				1.575	2.165	1.063	2175			
			C5	70.0	165.0	27°	3	C5-PDJNR/L-35060-1504HP	50	60.0	35.0	150	5.0	0.78	DNMG 15 04 08
				2.756	6.496				1.969	2.362	1.378	2175			
			C5	65.0	165.0	27°	3	C5-PDJNR/L-35060-15HP	50	60.0	35.0	150	5.0	0.79	DNMG 15 06 08
				2.559	6.496				1.969	2.362	1.378	2175			
			C6	95.0	195.0	27°	3	C6-PDJNR/L-45065-1504HP	63	65.0	45.0	150	5.0	1.32	DNMG 15 04 08
				3.740	7.677				2.480	2.559	1.772	2175			
		C6	95.0	195.0	27°	3	C6-PDJNR/L-45065-15HP	63	65.0	45.0	150	5.0	1.31	DNMG 15 06 08	
			3.740	7.677				2.480	2.559	1.772	2175				
		C8	130.0	250.0	27°	3	C8-PDJNR/L-55080-15HP	80	80.0	55.0	150	5.0	2.74	DNMG 15 06 08	
			5.118	9.843				3.150	3.150	2.165	2175				
		C10	180.0	280.0	27°	3	C10-PDJNR/L-68110-15HP	100	110.0	68.0	150	5.0	6.05	DNMG 15 06 08	
			7.087	11.024				3.937	4.331	2.677	2175				

-1504 in the end of the ordering code = For inserts with thickness 4.76 mm (3/16")

R = Right hand, L = Left hand

F

Spare parts					
Ordering code	Lever	Screw	Shim	Shim pin	Nozzle
C4-PDJNR/L-27050-11HP	5432 001-01	174.3-820M	5322 255-01	174.3-860	5691 026-03
C5-PDJNR/L-35060-11HP	5432 001-01	174.3-820M	5322 255-01	174.3-860	5691 026-03
C4-PDJNR/L-27055-15HP	174.3-847M	174.3-830	171.35-850M	174.3-861	5691 026-03
C5-PDJNR/L-35060-1504HP	174.3-847M	174.3-830	171.35-855	5554 010-11	5691 026-03
C5-PDJNR/L-35060-15HP	174.3-847M	174.3-830	171.35-850M	174.3-861	5691 026-03
C6-PDJNR/L-45065-1504HP	174.3-847M	174.3-830	171.35-855	5554 010-11	5691 026-03
C6-PDJNR/L-45065-15HP	174.3-847M	174.3-830	171.35-850M	174.3-861	5691 026-03
C8-PDJNR/L-55080-15HP	174.3-847M	174.3-830	171.35-850M	174.3-861	5691 026-03
C10-PDJNR/L-68110-15HP	174.3-847M	174.3-830	171.35-851M	174.3-861	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



A185



F2



E1



G1



H37



H10



H5

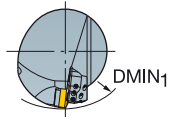
T-Max® P cutting unit for turning

Lever clamp design

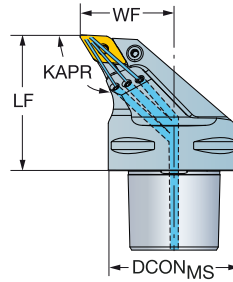
Coromant Capto® - Precision coolant supply



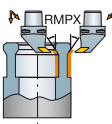
KAPR
PSIR



93.0°
-3.0°



-  DNMM, DNMX
-  DNMG
-  DNMA, DNGA

							Dimensions, mm, inch								
				CZC _{MS}	DMIN ₁	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID
	15	1/2	C6	80.0	27°	3		C6-PDUNR/L-45065-15HP	63	65.0	45.0	150	5.0	1.36	DNMG 15 06 08
				3.150					2.480	2.559	1.772	2175			
			C8	100.0	27°	3		C8-PDUNR/L-55080-15HP	80	80.0	55.0	150	5.0	2.77	DNMG 15 06 08
				3.937					3.150	3.150	2.165	2175			

R = Right hand, L = Left hand

Spare parts				
Lever	Screw	Shim	Shim pin	Nozzle
174.3-847M	174.3-830	171.35-851M	174.3-861	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com



A185



F2



E1



G1



H37



H10



H5

A

GENERAL TURNING

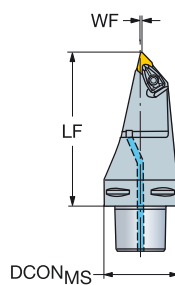
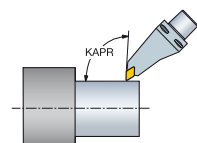
External tools

T-Max® P cutting unit for turning

Rigid clamp design

Coromant Capto® - Internal coolant supply

B

KAPR
PSIR93.0°
-3.0°

C



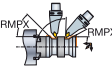
DNMM, DNMX

DNMG

DNMA, DNMA

Tools for multi-task machining

D

					Ordering code	Dimensions, mm, inch						MIID					
		CZC _{MS}	RMPX	CNSC		DCON _{MS}	LF	WF									
	15	1/2	C5	27°	3	C5-DDMNL-00115-15	50	115.0	1.0	10	3.9	1.24	DNMG 15 06 08				
			C6	27°	3	C6-DDMNL-00130-15	1.969	4.528	.039	145	63	130.0	1.0	10	3.9	2.05	DNMG 15 06 08
			C6	27°	3	C6-DDMNL-00130-1504	2.480	5.118	.039	145	63	130.0	1.0	10	3.9	2.04	DNMG 15 04 08
			C8	27°	3	C8-DDMNL-00160-15	2.480	5.118	.039	145	80	160.0	1.0	10	3.9	4.13	DNMG 15 06 08
			C8	27°	3	C8-DDMNL-00160-1504	3.150	6.299	.039	145	80	160.0	1.0	10	3.9	4.17	DNMG 15 04 08
			C6	27°	3	C6-DDMNL-33120-15	3.150	6.299	.039	145	63	120.0	33.0	10	3.9	2.12	DNMG 15 06 08
			C6	27°	3	C6-DDMNL-33120-1504	2.480	4.724	1.299	145	63	120.0	33.0	10	3.9	2.10	DNMG 15 04 08
							2.480	4.724	1.299	145							

-1504 in the end of the ordering code = For inserts with thickness 4.76 mm (3/16")

L = Left hand

E

Spare parts				
Ordering code	Shim screw	Shim	Clamp set	Nozzle
C5-DDMNL-00115-15	5513 020-02	5322 266-02	5412 028-021	5691 034-02
C6-DDMNL-00130-15	5513 020-02	5322 266-02	5412 028-021	5691 034-03
C6-DDMNL-00130-1504	5513 020-02	5322 266-01	5412 028-021	5691 034-03
C6-DDMNL-33120-15	5513 020-02	5322 266-02	5412 028-021	5691 034-03
C6-DDMNL-33120-1504	5513 020-02	5322 266-01	5412 028-021	5691 034-03
C8-DDMNL-00160-15	5513 020-02	5322 266-02	5412 028-021	5691 034-03
C8-DDMNL-00160-1504	5513 020-02	5322 266-01	5412 028-021	5691 034-03

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

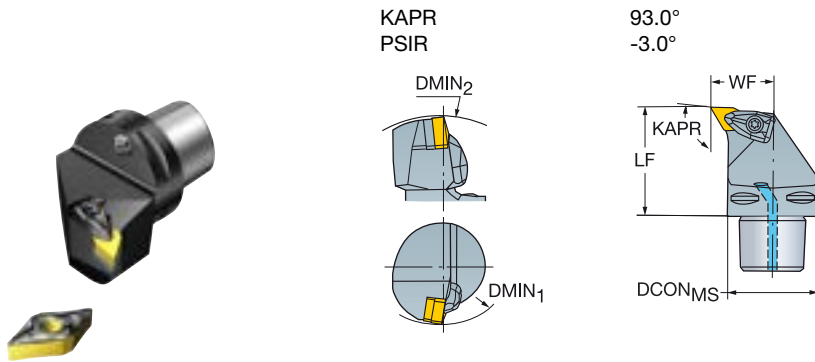
H



T-Max® P cutting unit for turning

Rigid clamp design

Coromant Capto® - Internal coolant supply



DNMM, DNMX

DNMG

DNMA, DNGA

									Dimensions, mm, inch						MIID
			CZC _{MS}	DMIN ₁	DMIN ₂	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				
	15	1/2	C4	110.0 4.331	140.0 5.512	27°	3	C4-DDUNR/L-27050-15	40 1.575	50.0 1.969	27.0 1.063	10 145	3.9	0.45	DNMG 15 06 08
			C4	110.0 4.331	140.0 5.512	27°	3	C4-DDUNR/L-27050-1504	40 1.575	50.0 1.969	27.0 1.063	10 145	3.9	0.46	DNMG 15 04 08
			C5	110.0 4.331	165.0 6.496	27°	3	C5-DDUNR/L-35060-15	50 1.969	60.0 2.362	35.0 1.378	10 145	3.9	0.80	DNMG 15 06 08
			C5	110.0 4.331	165.0 6.496	27°	3	C5-DDUNR/L-35060-1504	50 1.969	60.0 2.362	35.0 1.378	10 145	3.9	0.83	DNMG 15 04 08
			C6	110.0 4.331	190.0 7.480	27°	3	C6-DDUNR/L-45065-15	63 2.480	65.0 2.559	45.0 1.772	10 145	3.9	1.39	DNMG 15 06 08
			C6	110.0 4.331	190.0 7.480	27°	3	C6-DDUNR/L-45065-1504	63 2.480	65.0 2.559	45.0 1.772	10 145	3.9	1.39	DNMG 15 04 08
			C8	110.0 4.331	250.0 9.843	27°	3	C8-DDUNR/L-55080-15	80 3.150	80.0 3.150	55.0 2.165	10 145	3.9	2.70	DNMG 15 06 08

-1504 in the end of the ordering code = For inserts with thickness 4.76 mm (3/16")

R = Right hand, L = Left hand

Spare parts				
Ordering code	Shim screw	Shim	Clamp set	Nozzle
C4-DDUNR/L-27050-15	5513 020-02	5322 266-02	5412 028-021	
C4-DDUNR/L-27050-1504	5513 020-02	5322 266-01	5412 028-021	5691 034-01
C5-DDUNR/L-35060-15	5513 020-02	5322 266-02	5412 028-021	5691 034-02
C5-DDUNR/L-35060-1504	5513 020-02	5322 266-01	5412 028-021	5691 034-02
C6-DDUNR/L-45065-15	5513 020-02	5322 266-02	5412 028-021	5691 034-02
C6-DDUNR/L-45065-1504	5513 020-02	5322 266-01	5412 028-021	5691 034-02
C8-DDUNR/L-55080-15	5513 020-02	5322 266-02	5412 028-021	5691 034-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A185



F2



E1



G1



H37



H10



H5

A

GENERAL TURNING

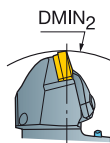
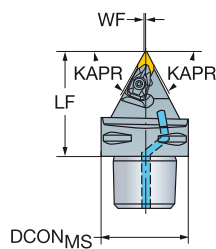
External tools

T-Max® P cutting unit for turning

Rigid clamp design

Coromant Capto® - Internal coolant supply

B

KAPR
PSIR62.5°
27.5°

C

DNMM, DNMX

DNMG

DNMA, DNGA

D



								Dimensions, mm, inch							
		CZC _{MS}	DMIN ₂	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID		
	11	3/8	C4	140.0	57°	3	C4-DDNNN-00050-11	40	50.0	0.5	10	1.7	0.35	DNMG 11 04 08	
				5.512				1.575	1.969	.020	145				
	15	1/2	C4	145.0	57°	3	C4-DDNNN-00055-15	40	55.0	0.5	10	3.9	0.38	DNMG 15 06 08	
				5.709				1.575	2.165	.020	145				
			C4	145.0	57°	3	C4-DDNNN-00055-1504	40	55.0	0.5	10	3.9	0.38	DNMG 15 04 08	
				5.709				1.575	2.165	.020	145				
			C5	165.0	57°	3	C5-DDNNN-00060-15	50	60.0	0.5	10	3.9	0.62	DNMG 15 06 08	
				6.496				1.969	2.362	.020	145				
			C5	165.0	57°	3	C5-DDNNN-00060-1504	50	60.0	0.5	10	3.9	0.63	DNMG 15 04 08	
				6.496				1.969	2.362	.020	145				
			C6	190.0	57°	3	C6-DDNNN-00065-15	63	65.0	0.5	10	3.9	1.06	DNMG 15 06 08	
				7.480				2.480	2.559	.020	145				
			C6	190.0	57°	3	C6-DDNNN-00065-1504	63	65.0	0.5	10	3.9	1.06	DNMG 15 04 08	
				7.480				2.480	2.559	.020	145				
			C8	250.0	57°	3	C8-DDNNN-00080-15	80	80.0	0.5	10	3.9	2.10	DNMG 15 06 08	
				9.843				3.150	3.150	.020	145				

-1504 in the end of the ordering code = For inserts with thickness 4.76 mm (3/16")

N = Neutral

E

F

Spare parts				
Ordering code	Shim screw	Shim	Clamp set	Nozzle
C4-DDNNN-00050-11	5513 020-04	5322 267-01	5412 028-011	5691 034-01
C4-DDNNN-00055-15	5513 020-02	5322 266-02	5412 028-021	5691 034-01
C4-DDNNN-00055-1504	5513 020-02	5322 266-01	5412 028-021	5691 034-01
C5-DDNNN-00060-15	5513 020-02	5322 266-02	5412 028-021	5691 045-01
C5-DDNNN-00060-1504	5513 020-02	5322 266-01	5412 028-021	5691 045-01
C6-DDNNN-00065-15	5513 020-02	5322 266-02	5412 028-021	5691 045-01
C6-DDNNN-00065-1504	5513 020-02	5322 266-01	5412 028-021	5691 045-01
C8-DDNNN-00080-15	5513 020-02	5322 266-02	5412 028-021	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



A185



F2



E1



G1



H37



H10

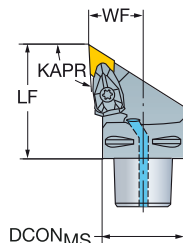
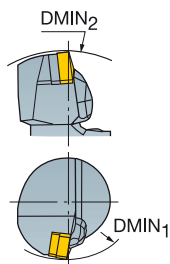


H5

T-Max® P cutting unit for turning

Rigid clamp design

Coromant Capto® - Internal coolant supply



DNMM, DNMX



DNMG



DNMA, DNGA

								Dimensions, mm, inch							
		CZC _{MS}	DMIN ₁	DMIN ₂	RMP ₂	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID	
	11	3/8	C3	60.0	121.0	27°	3	C3-DDJNR/L-22045-11	32	45.0	22.0	10	1.7	0.23	DNMG 11 04 08
				2.362	4.764				1.260	1.772	.866	145			
			C4	60.0	140.0	27°	3	C4-DDJNR/L-27050-11	40	50.0	27.0	10	1.7	0.39	DNMG 11 04 08
				2.362	5.512				1.575	1.969	1.063	145			
			C5	65.0	165.0	27°	3	C5-DDJNR/L-35060-11	50	60.0	35.0	10	1.7	0.76	DNMG 11 04 08
				2.559	6.496				1.969	2.362	1.378	145			
	15	1/2	C4	110.0	145.0	27°	3	C4-DDJNR/L-27055-15	40	55.0	27.0	10	3.9	0.46	DNMG 15 06 08
				4.331	5.709				1.575	2.165	1.063	145			
			C4	110.0	145.0	27°	3	C4-DDJNR/L-27055-1504	40	55.0	27.0	10	3.9	0.43	DNMG 15 04 08
				4.331	5.709				1.575	2.165	1.063	145			
			C5	110.0	165.0	27°	3	C5-DDJNR/L-35060-15	50	60.0	35.0	10	3.9	0.72	DNMG 15 06 08
				4.331	6.496				1.969	2.362	1.378	145			
			C5	110.0	165.0	27°	3	C5-DDJNR/L-35060-1504	50	60.0	35.0	10	3.9	0.73	DNMG 15 04 08
				4.331	6.496				1.969	2.362	1.378	145			
			C6	110.0	190.0	27°	3	C6-DDJNR/L-45065-15	63	65.0	45.0	10	3.9	1.18	DNMG 15 06 08
				4.331	7.480				2.480	2.559	1.772	145			
		C6	110.0	190.0	27°	3	C6-DDJNR/L-45065-1504	63	65.0	45.0	10	3.9	1.18	DNMG 15 04 08	
			4.331	7.480				2.480	2.559	1.772	145				
		C8	110.0	250.0	27°	3	C8-DDJNR/L-55080-15	80	80.0	55.0	10	3.9	2.30	DNMG 15 06 08	
			4.331	9.843				3.150	3.150	2.165	145				
		C8	110.0	250.0	27°	3	C8-DDJNR/L-55080-1504	80	80.0	55.0	10	3.9	2.30	DNMG 15 04 08	
			4.331	9.843				3.150	3.150	2.165	145				

-1504 in the end of the ordering code = For inserts with thickness 4.76 mm (3/16")

R = Right hand, L = Left hand

	Spare parts			
Ordering code	Shim screw	Shim	Clamp set	Nozzle
C3-DDJNR/L-22045-11	5513 020-04	5322 267-01	5412 028-011	
C4-DDJNR/L-27050-11	5513 020-04	5322 267-01	5412 028-011	5691 034-01
C5-DDJNR/L-35060-11	5513 020-04	5322 267-01	5412 028-011	5691 034-02
C4-DDJNR/L-27055-15	5513 020-02	5322 266-02	5412 028-021	5691 034-01
C4-DDJNR/L-27055-1504	5513 020-02	5322 266-01	5412 028-021	5691 034-01
C5-DDJNR/L-35060-15	5513 020-02	5322 266-02	5412 028-021	5691 045-01
C5-DDJNR/L-35060-1504	5513 020-02	5322 266-01	5412 028-021	5691 045-01
C6-DDJNR/L-45065-15	5513 020-02	5322 266-02	5412 028-021	5691 034-02
C6-DDJNR/L-45065-1504	5513 020-02	5322 266-01	5412 028-021	5691 034-02
C8-DDJNR/L-55080-15	5513 020-02	5322 266-02	5412 028-021	5691 034-03
C8-DDJNR/L-55080-1504	5513 020-02	5322 266-01	5412 028-021	5691 034-03

For the complete list of spare parts, visit www.sandvik.coromant.com



A

GENERAL TURNING

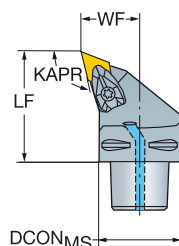
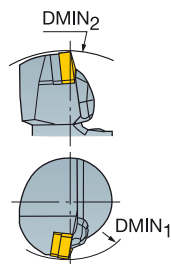
External tools

T-Max® P cutting unit for turning

Rigid clamp design

Coromant Capto® - Internal coolant supply

B

KAPR
PSIR107.5°
-17.5°

C

DNMM, DNMX

DNMG

DNMA, DNGA

D

									Dimensions, mm, inch						MIID
			CZC _{MS}	DMIN ₁	DMIN ₂	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				
	15	1/2	C4	110.0 4.331	145.0 5.709	12°	3	C4-DDHNR/L-27055-15	40 1.575	55.0 2.165	27.0 1.063	10 145	3.9	0.45	DNMG 15 06 08
			C4	110.0 4.331	145.0 5.709	12°	3	C4-DDHNR/L-27055-1504	40 1.575	55.0 2.165	27.0 1.063	10 145	3.9	0.45	DNMG 15 04 08
			C5	110.0 4.331	165.0 6.496	12°	3	C5-DDHNR/L-35060-15	50 1.969	60.0 2.362	35.0 1.378	10 145	3.9	0.74	DNMG 15 06 08
			C5	110.0 4.331	165.0 6.496	12°	3	C5-DDHNR/L-35060-1504	50 1.969	60.0 2.362	35.0 1.378	10 145	3.9	0.76	DNMG 15 04 08
			C6	110.0 4.331	190.0 7.480	12°	3	C6-DDHNR/L-45065-15	63 2.480	65.0 2.559	45.0 1.772	10 145	3.9	1.27	DNMG 15 06 08
			C6	110.0 4.331	190.0 7.480	12°	3	C6-DDHNR/L-45065-1504	63 2.480	65.0 2.559	45.0 1.772	10 145	3.9	1.27	DNMG 15 04 08
			C8	110.0 4.331	250.0 9.843	12°	3	C8-DDHNR/L-55080-15	80 3.150	80.0 3.150	55.0 2.165	10 145	3.9	2.50	DNMG 15 06 08

-1504 in the end of the ordering code = For inserts with thickness 4.76 mm (3/16")

R = Right hand, L = Left hand

E

Spare parts				
Ordering code	Shim screw	Shim	Clamp set	Nozzle
C4-DDHNR/L-27055-15	5513 020-02	5322 266-02	5412 028-021	5691 045-01
C4-DDHNR/L-27055-1504	5513 020-02	5322 266-01	5412 028-021	5691 045-01
C5-DDHNR/L-35060-15	5513 020-02	5322 266-02	5412 028-021	5691 045-01
C5-DDHNR/L-35060-1504	5513 020-02	5322 266-01	5412 028-021	5691 045-01
C6-DDHNR/L-45065-15	5513 020-02	5322 266-02	5412 028-021	5691 045-01
C6-DDHNR/L-45065-1504	5513 020-02	5322 266-01	5412 028-021	5691 045-01
C8-DDHNR/L-55080-15	5513 020-02	5322 266-02	5412 028-021	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H



A185



F2



E1



G1



H37



H10

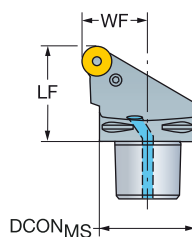


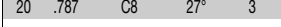
H5

T-Max® P cutting unit for turning

Lever clamp design

Coromant Capto® - Internal coolant supply

RCMX
RCMT
RCGX AL

						Dimensions, mm, inch							MID
	20	.787	C8	27°	3	Ordering code	DCON _{MS}	LF	WF	BAR PSI	NM	KG	RCMX 20 06 00
						C8-PRSCR/L-55080-20	80	80.0	55.0	10	8.0	2.45	
							3.150	3.150	2.165	145			

R = Right hand, L = Left hand

Spare parts				
Lever	Screw	Shim	Shim pin	Nozzle
176.39-843	174.3-825	176.39-853	174.3-864	5691 034-03

For the complete list of spare parts, visit www.sandvik.coromant.com



A185



F2



E1



G1



H37



H10



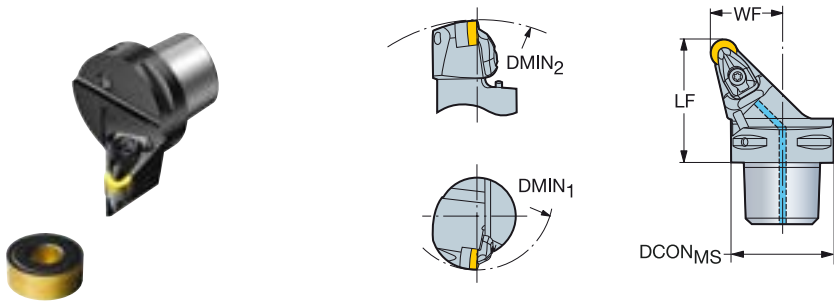
H5



T-Max® P cutting unit for turning

Rigid clamp design
Coromant Capto® - Internal coolant supply

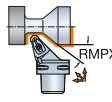
B



C

- RNMG
- RNGA

D

								Dimensions, mm, inch							
		 	CZC _{MS}	DMIN ₁	DMIN ₂	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID
	12	1/2	C4	110.0	140.0	40°	3	C4-DRSNR/L-27050-12	40	50.0	27.0	10	3.9	0.38	RNMG 12 04 00
				4.331	5.512				1.575	1.969	1.063	145			
			C5	110.0	165.0	40°	3	C5-DRSNR/L-35060-12	50	60.0	35.0	10	3.9	0.70	RNMG 12 04 00
				4.331	6.496				1.969	2.362	1.378	145			
			C6	110.0	190.0	40°	3	C6-DRSNR/L-45065-12	63	65.0	45.0	10	3.9	1.11	RNMG 12 04 00
				4.331	7.480				2.480	2.559	1.772	145			

R = Right hand, L = Left hand

E

		Spare parts				
		CZC _{MS}	Shim screw	Shim	Clamp set	Nozzle
12	1/2	C4	5513 020-02	5322 155-02	5412 028-021	5691 034-01
12	1/2	C5-C6	5513 020-02	5322 155-02	5412 028-021	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

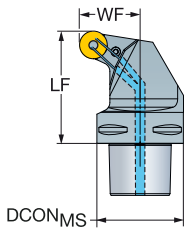
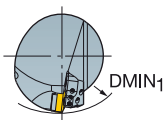
H



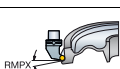
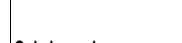
T-Max® P cutting unit for turning

Lever clamp design

Coromant Capto® - Precision coolant supply



RCMX
RCMT
RCGX AL

				Dimensions, mm, inch						

R = Right hand, L = Left hand

Spare parts				
Lever	Screw	Shim	Shim pin	Nozzle
176.39-842	174.3-833	176.39-852	174.3-867	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com



A185



F2



E1



G1



H37



H10



H5

Lever clamp design

Coromant Capto® - Precision coolant supply



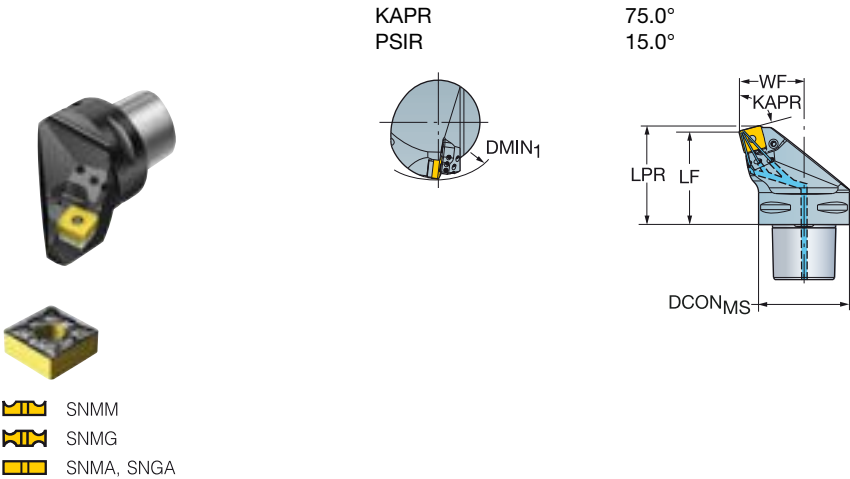
R = Right hand, L = Left hand

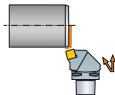
For the complete list of spare parts, visit www.sandvik.coromant.com

T-Max® P cutting unit for turning

Lever clamp design

Coromant Capto® - Precision coolant supply

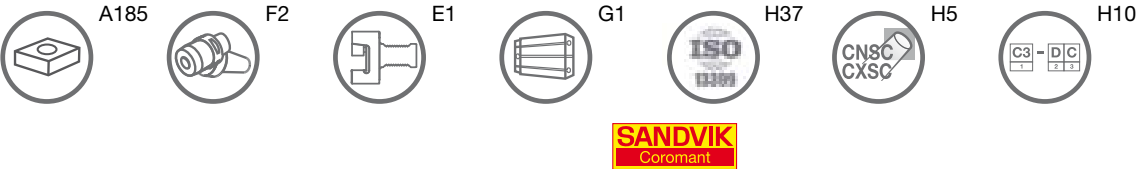


							Ordering code	Dimensions, mm, inch							MIID
			CZC _{MS}	DMIN ₁	RMPX	CNSC		DCON _{MS}	LPR	LF	WF				
	15	5/8	C6	125.0	10°	3	C6-PSKNR/L-45065-15HP	63	68.8	65.0	45.0	150	5.0	1.52	SNMG 15 06 12
				4.921				2.480	2.709	2.559	1.772	2175			
	19	3/4	C6	125.0	10°	3	C6-PSKNR/L-45065-19HP	63	69.6	65.0	45.0	150	10.0	1.60	SNMG 19 06 12
				4.921				2.480	2.740	2.559	1.772	2175			

R = Right hand, L = Left hand

Spare parts					
Ordering code	Lever	Screw	Shim	Shim pin	Nozzle
C6-PSKNR/L-45065-15HP	438.3-840	438.3-831	174.3-857	174.3-864	5691 026-03
C6-PSKNR/L-45065-19HP	174.3-842M	174.3-822M	174.3-852M	174.3-862	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

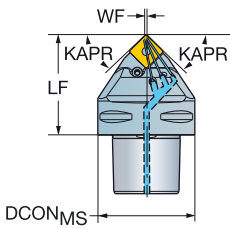


Lever clamp design

Coromant Capto® - Precision coolant supply

KAPR
PSIR

45.0°
45.0°



	SNMM
	SNMG
	SNMA, SNGA

[illegible]

N = Neutral

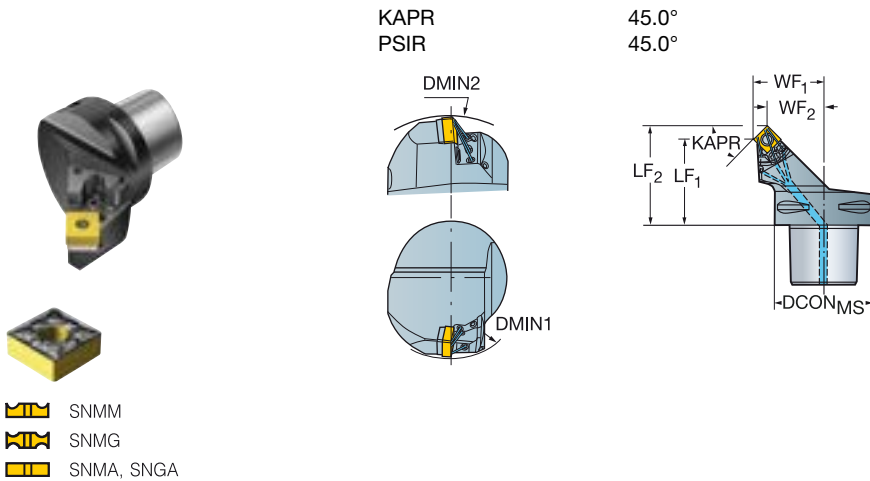
	Spare parts				
Ordering code	Lever	Screw	Shim	Shim pin	Nozzle
C6-PSDNN-00065-15HP	438.3-840	438.3-831	174.3-857	174.3-864	5691 026-03
C6-PSDNN-00065-19HP	174.3-842M	174.3-822M	174.3-852M	174.3-862	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

T-Max® P cutting unit for turning

Lever clamp design

Coromant Capto® - Precision coolant supply



B

C

							Dimensions, mm, inch										MIID
			CZC _{MS}	DMIN ₁	DMIN ₂	CNSC	Ordering code	DCON _{MS}	LPR	LF	WF						
	12	1/2	C4	90.0	145.0	3	C4-PSSNR/L-27042-12HP	40	50.3	42.0	27.0	150	5.0	0.41	SNMG 12 04 08		
				3.543	5.709			1.575	1.981	1.654	1.063	2175					
			C5	110.0	165.0	3	C5-PSSNR/L-35052-12HP	50	60.3	52.0	35.0	150	5.0	0.75	SNMG 12 04 08		
				4.331	6.496			1.969	2.375	2.047	1.378	2175					
			C6	110.0	200.0	3	C6-PSSNR/L-45056-12HP	63	64.3	56.0	45.0	150	5.0	1.19	SNMG 12 04 08		
				4.331	7.874			2.480	2.532	2.205	1.772	2175					
			C8	200.0	260.0	3	C8-PSSNR/L-55080-12HP	80	88.3	80.0	55.0	150	5.0	2.57	SNMG 12 04 08		
				7.874	10.236			3.150	3.477	3.150	2.165	2175					
	15	5/8	C6	110.0	200.0	3	C6-PSSNR/L-45054-15HP	63	64.2	54.0	45.0	150	5.0	1.23	SNMG 15 06 12		
				4.331	7.874			2.480	2.529	2.126	1.772	2175					
	19	3/4	C6	110.0	180.0	3	C6-PSSNR/L-45052-19HP	63	64.5	52.0	45.0	150	10.0	1.20	SNMG 19 06 12		
				4.331	7.087			2.480	2.539	2.047	1.772	2175					
			C8	200.0	260.0	3	C8-PSSNR/L-55080-19HP	80	92.5	80.0	55.0	150	10.0	2.72	SNMG 19 06 12		
				7.874	10.236			3.150	3.641	3.150	2.165	2175					
			C10	260.0	315.0	3	C10-PSSNL-68092-19HP	100	104.5	92.0	68.0	150	10.0	5.10	SNMG 19 06 12		
			10.236	12.402			3.937	4.113	3.622	2.677	2175						

R = Right hand, L = Left hand

			Spare parts				
		CZC _{Ms}	Lever	Screw	Shim	Shim pin	Nozzle
12	1/2	C4-C8	174.3-841M	174.3-821	174.3-851M	174.3-861	5691 026-03
15	5/8	C6	438.3-840	438.3-831	174.3-857	174.3-864	5691 026-03
19	3/4	C6-C10	174.3-842M	174.3-822M	174.3-852M	174.3-862	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

D

E

F

G

H



A

GENERAL TURNING

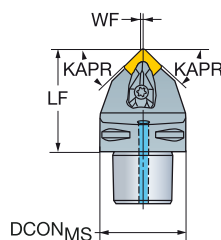
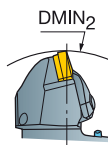
External tools

T-Max® P cutting unit for turning

Rigid clamp design

Coromant Capto® - Internal coolant supply

B

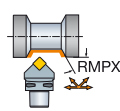
KAPR
PSIR45.0°
45.0°

C



- SNMM
- SNMG
- SNMA, SNGA

D



								Dimensions, mm, inch							
		CZC _{MS}	DMIN ₂	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID		
	12	1/2	C3	124.0	40°	3	C3-DSDNN-00048-12	32	48.0	0.3	10	3.9	0.23	SNMG 12 04 08	
				4.882				1.260	1.890	.012	145				
			C4	140.0	40°	3	C4-DSDNN-00050-12	40	50.0	0.3	10	3.9	0.40	SNMG 12 04 08	
				5.512				1.575	1.969	.012	145				
			C5	165.0	40°	3	C5-DSDNN-00060-12	50	60.0	0.3	10	3.9	0.78	SNMG 12 04 08	
				6.496				1.969	2.362	.012	145				
			C6	190.0	40°	3	C6-DSDNN-00065-12	63	65.0	0.3	10	3.9	1.20	SNMG 12 04 08	
				7.480				2.480	2.559	.012	145				
	15	5/8	C5	165.0	40°	3	C5-DSDNN-00060-15	50	60.0	0.5	10	6.4	0.70	SNMG 15 06 12	
				6.496				1.969	2.362	.020	145				
			C6	190.0	40°	3	C6-DSDNN-00065-15	63	65.0	0.5	10	6.4	1.20	SNMG 15 06 12	
				7.480				2.480	2.559	.020	145				
	19	3/4	C5	170.0	40°	3	C5-DSDNN-00065-19	50	65.0	0.5	10	6.4	0.76	SNMG 19 06 12	
				6.693				1.969	2.559	.020	145				
			C6	195.0	40°	3	C6-DSDNN-00070-19	63	70.0	0.5	10	6.4	1.24	SNMG 19 06 12	
				7.677				2.480	2.756	.020	145				

DMN2 valid in combination with clamping unit R/LC2090.

N = Neutral

F

			Spare parts			
		CZC _{MS}	Shim screw	Shim	Clamp set	Nozzle
12	1/2	C3	5513 020-02	5322 426-02	5412 028-021	
12	1/2	C4	5513 020-02	5322 425-01	5412 028-021	5691 034-01
12	1/2	C5-C6	5513 020-02	5322 425-01	5412 028-021	5691 045-01
15	5/8	C5	5513 020-07	5322 425-05	5412 028-031	5691 045-01
15	5/8	C6	5513 020-07	5322 425-03	5412 028-031	5691 045-01
19	3/4	C5-C6	5513 020-07	5322 425-04	5412 028-041	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



A185



F2



E1



G1



H37



H10



H5

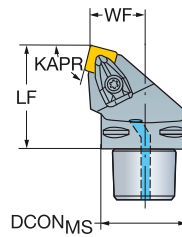
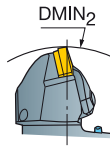
A 250



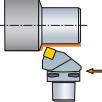
T-Max® P cutting unit for turning

Rigid clamp design

Coromant Capto® - Internal coolant supply

KAPR
PSIR75.0°
15.0°

SNMM
SNMG
SNMA, SNGA

							Dimensions, mm, inch							MIID
			CZC _{MS}	DMIN ₂	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF	BAR PSI	NM	KG	
	12	1/2	C3	124.0	10°	3	C3-DSRNR-19048-12	32	48.0	19.0	10	3.9	0.26	SNMG 12 04 08
				4.882				1.260	1.890	.748	145			
			C4	140.0	10°	3	C4-DSRNR/L-22050-12	40	50.0	22.0	10	3.9	0.40	SNMG 12 04 08
				5.512				1.575	1.969	.866	145			
			C5	165.0	10°	3	C5-DSRNR/L-27060-12	50	60.0	27.0	10	3.9	0.72	SNMG 12 04 08
				6.496				1.969	2.362	1.063	145			
			C6	190.0	10°	3	C6-DSRNR/L-35065-12	63	65.0	35.0	10	3.9	1.24	SNMG 12 04 08
				7.480				2.480	2.559	1.378	145			
	15	5/8	C5	165.0	10°	3	C5-DSRNR/L-27060-15	50	60.0	27.0	10	6.4	0.76	SNMG 15 06 12
				6.496				1.969	2.362	1.063	145			
			C6	190.0	10°	3	C6-DSRNR/L-35065-15	63	65.0	35.0	10	6.4	1.31	SNMG 15 06 12
				7.480				2.480	2.559	1.378	145			
	19	3/4	C6	190.0	10°	3	C6-DSRNR/L-35065-19	63	65.0	35.0	10	6.4	1.30	SNMG 19 06 12
				7.480				2.480	2.559	1.378	145			
			C8	250.0	10°	3	C8-DSRNR/L-45080-19	80	80.0	45.0	10	6.4	2.54	SNMG 19 06 12
				9.843				3.150	3.150	1.772	145			

R = Right hand, L = Left hand

Spare parts						
		CZC _{MS}	Shim screw	Shim	Clamp set	Nozzle
12	1/2	C3	5513 020-02	5322 426-02	5412 028-021	
12	1/2	C4	5513 020-02	5322 425-01	5412 028-021	5691 034-01
12	1/2	C5-C6	5513 020-02	5322 425-01	5412 028-021	5691 045-01
15	5/8	C5-C6	5513 020-07	5322 425-03	5412 028-031	5691 045-01
19	3/4	C6-C8	5513 020-07	5322 425-04	5412 028-041	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A185



F2



E1



G1



H37



H5



H10

A

GENERAL TURNING

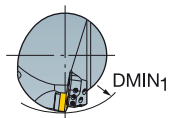
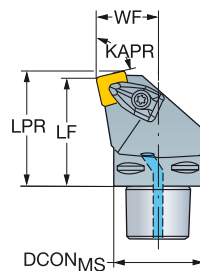
External tools

T-Max® P cutting unit for turning

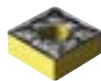
Rigid clamp design

Coromant Capto® - Internal coolant supply

B

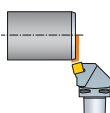
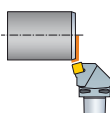
KAPR
PSIR75.0°
15.0°

C



- SNMM
- SNMG
- SNMA, SNGA

D

							Dimensions, mm, inch							MIID	
			CZC _{MS}	DMIN _i	RMPX	CNSC	Ordering code	DCON _{MS}	LPR	LF	WF				
	12	1/2	C4	110.0	10°	3	C4-DSKNR/L-27050-12	40	53.1	50.0	27.0	10	3.9	0.47	SNMG 12 04 08
				4.331				1.575	2.089	1.969	1.063	145			
			C5	110.0	10°	3	C5-DSKNR/L-35060-12	50	63.1	60.0	35.0	10	3.9	0.85	SNMG 12 04 08
				4.331				1.969	2.482	2.362	1.378	145			
	15	5/8	C5	125.0	10°	3	C5-DSKNR/L-35060-15	50	63.8	60.0	35.0	10	6.4	0.85	SNMG 15 06 12
				4.921				1.969	2.512	2.362	1.378	145			
			C6	125.0	10°	3	C6-DSKNR/L-45065-15	63	68.8	65.0	45.0	10	6.4	1.38	SNMG 15 06 12
				4.921				2.480	2.709	2.559	1.772	145			
	19	3/4	C6	125.0	10°	3	C6-DSKNR/L-45065-19	63	69.6	65.0	45.0	10	6.4	1.50	SNMG 19 06 12
				4.921				2.480	2.740	2.559	1.772	145			
			C8	125.0	10°	3	C8-DSKNR/L-55080-19	80	84.6	80.0	55.0	10	6.4	2.68	SNMG 19 06 12
				4.921				3.150	3.331	3.150	2.165	145			

R = Right hand, L = Left hand

E

Spare parts						
		CZC _{MS}	Shim screw	Shim	Clamp set	Nozzle
12	1/2	C4	5513 020-02	5322 425-01	5412 028-021	5691 034-01
12	1/2	C5	5513 020-02	5322 425-01	5412 028-021	5691 034-02
15	5/8	C5-C6	5513 020-07	5322 425-03	5412 028-031	5691 034-02
19	3/4	C6	5513 020-07	5322 425-04	5412 028-041	5691 034-02
19	3/4	C8	5513 020-07	5322 425-04	5412 028-041	5691 034-03

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H



A185



F2



E1



G1



H37



H10

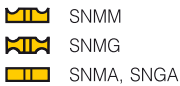
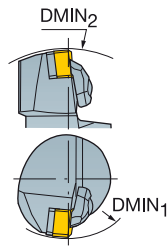
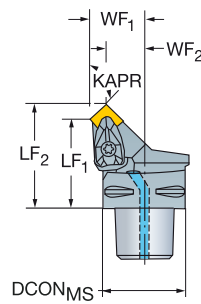


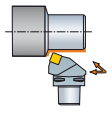
H5

T-Max® P cutting unit for turning

Rigid clamp design

Coromant Capto® - Internal coolant supply

KAPR
PSIR45.0°
45.0°

								Dimensions, mm, inch							
			CZC _{MS}	DMIN ₁	DMIN ₂	CNSC		Ordering code	DCON _{MS}	LPR	LF	WF			
	12	1/2	C4	110.0	140.0	3	C4-DSSNR/L-27042-12	40	50.3	42.0	27.0	10	3.9	0.36	MIID
				4.331	5.512			1.575	1.981	1.654	1.063	145			SNMG 12 04 08
			C5	110.0	165.0	3	C5-DSSNR/L-35052-12	50	60.3	52.0	35.0	10	3.9	0.68	SNMG 12 04 08
				4.331	6.496			1.969	2.375	2.047	1.378	145			
			C6	110.0	190.0	3	C6-DSSNR/L-45056-12	63	64.3	56.0	45.0	10	3.9	1.10	SNMG 12 04 08
				4.331	7.480			2.480	2.532	2.205	1.772	145			
	15	5/8	C5	125.0	165.0	3	C5-DSSNR/L-35050-15	50	60.2	50.0	35.0	10	6.4	0.70	SNMG 15 06 12
				4.921	6.496			1.969	2.372	1.969	1.378	145			
			C6	125.0	190.0	3	C6-DSSNR/L-45054-15	63	64.2	54.0	45.0	10	6.4	1.12	SNMG 15 06 12
				4.921	7.480			2.480	2.529	2.126	1.772	145			
	19	3/4	C6	125.0	190.0	3	C6-DSSNR/L-45052-19	63	64.5	52.0	45.0	10	6.4	1.15	SNMG 19 06 12
				4.921	7.480			2.480	2.539	2.047	1.772	145			

R = Right hand, L = Left hand

Spare parts						
		CZC _{MS}	Shim screw	Shim	Clamp set	Nozzle
12	1/2	C4	5513 020-02	5322 425-01	5412 028-021	5691 034-01
12	1/2	C5	5513 020-02	5322 425-01	5412 028-021	5691 034-02
12	1/2	C6	5513 020-02	5322 425-01	5412 028-021	5691 045-01
15	5/8	C5	5513 020-07	5322 425-03	5412 028-031	5691 034-02
15	5/8	C6	5513 020-07	5322 425-03	5412 028-031	5691 045-01
19	3/4	C6	5513 020-07	5322 425-04	5412 028-041	5691 034-02

For the complete list of spare parts, visit www.sandvik.coromant.com

A185



F2



E1



G1



H37



H10



H5

A

GENERAL TURNING

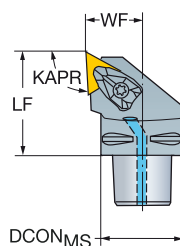
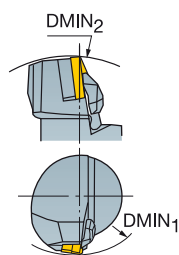
External tools

T-Max® P cutting unit for turning

Rigid clamp design

Coromant Capto® - Internal coolant supply

B

KAPR
PSIR93.0°
-3.0°

C

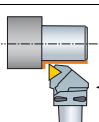


TNMM, TNMX

TNMG

TNMA, TNGA

D

			CZC _{MS}	DMIN ₁	DMIN ₂	CNSC	Ordering code	Dimensions, mm, inch						MIID	
	16	3/8	C3	60.0	116.0	3	C3-DTJNR/L-22040-16	DCON _{MS}	LF	WF					
				2.362	4.567			1.260	1.575	.866	145				TNMG 16 04 08
			C4	110.0	140.0	3	C4-DTJNR/L-27050-16	40	50.0	27.0	10	1.7	0.43		TNMG 16 04 08
				4.331	5.512			1.575	1.969	1.063	145				
			C5	110.0	165.0	3	C5-DTJNR/L-35060-16	50	60.0	35.0	10	1.7	0.78		TNMG 16 04 08
				4.331	6.496			1.969	2.362	1.378	145				
			C6	110.0	190.0	3	C6-DTJNR/L-45065-16	63	65.0	45.0	10	1.7	1.34		TNMG 16 04 08
				4.331	7.480			2.480	2.559	1.772	145				
	22	1/2	C4	110.0	140.0	3	C4-DTJNR-27050-22	40	50.0	27.0	10	3.9	0.05		TNMG 22 04 08
				4.331	5.512			1.575	1.969	1.063	145				
			C5	110.0	165.0	3	C5-DTJNR/L-35060-22	50	60.0	35.0	10	3.9	0.98		TNMG 22 04 08
				4.331	6.496			1.969	2.362	1.378	145				
			C6	110.0	190.0	3	C6-DTJNR/L-45065-22	63	65.0	45.0	10	3.9	1.40		TNMG 22 04 08
			4.331	7.480			2.480	2.559	1.772	145					

R = Right hand, L = Left hand

E

F

		Spare parts				
		CZC _{MS}	Shim screw	Shim	Clamp set	Nozzle
16	3/8	C3	5513 020-04	5322 316-01	5412 028-011	
16	3/8	C4-C6	5513 020-04	5322 315-02	5412 028-011	5691 045-01
22	1/2	C4-C6	5513 020-02	5322 315-04	5412 028-021	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



A185



F2



E1



G1



H37



H10



H5

T-Max® P cutting unit for turning

Rigid clamp design

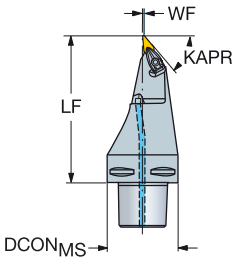
Coromant Capto® - Internal coolant supply

KAPR
PSIR

95.0°
-5.0°



VNMG



Tools for multi-task machining

					Ordering code	Dimensions, mm, inch						MID
			CZC _{MS}	RMPX	CNSC	DCON _{MS}	LF	WF				
	16	3/8	C8	45°	3	C8-DVMNL-00160-16	80	160.0	1.2	10	3.0	3.85
							3.150	6.299	.048	145		

L = Left hand

Spare parts			
Shim screw	Shim	Clamp set	Nozzle
5513 020-09	5322 269-01	5412 028-061	5691 034-03

For the complete list of spare parts, visit www.sandvik.coromant.com

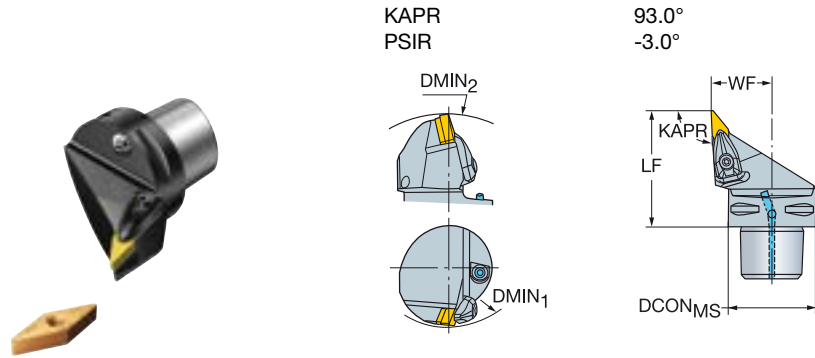


T-Max® P cutting unit for turning

Rigid clamp design

Coromant Capto® - Internal coolant supply

B



C

VNMG

D

									Dimensions, mm, inch						MIID
			CZC _{MS}	DMIN ₁	DMIN ₂	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				
	16	3/8	C4	60.0 2.362	152.0 5.984	50°	3	C4-DVJNR/L-27062-16	40 1.575	62.0 2.441	27.0 1.063	10 145	3.0	0.45	VNMG 16 04 08
			C5	65.0 2.559	170.0 6.693	50°	3	C5-DVJNR/L-35065-16	50 1.969	65.0 2.559	35.0 1.378	10 145	3.0	0.72	VNMG 16 04 08
			C6	81.0 3.189	190.0 7.480	50°	3	C6-DVJNR/L-45065-16	63 2.480	65.0 2.559	45.0 1.772	10 145	3.0	1.13	VNMG 16 04 08
			C8	100.0 3.937	250.0 9.843	50°	3	C8-DVJNR/L-55080-16	80 3.150	80.0 3.150	55.0 2.165	10 145	3.0	2.22	VNMG 16 04 08

R = Right hand, L = Left hand

E

			Spare parts			
		CZC _{MS}	Shim screw	Shim	Clamp set	Nozzle
16	3/8	C4	5513 020-09	5322 269-01	5412 028-061	5691 034-01
16	3/8	C5-C6	5513 020-09	5322 269-01	5412 028-061	5691 034-02
16	3/8	C8	5513 020-09	5322 269-01	5412 028-061	5691 034-03

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H

A185

F2

E1

G1

ISO

H37

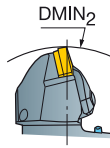
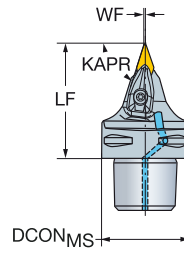
H10

H5

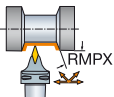
T-Max® P cutting unit for turning

Rigid clamp design

Coromant Capto® - Internal coolant supply

KAPR
PSIR72.5°
17.5°

VNMG

							Ordering code	Dimensions, mm, inch						MIID
		CZC _{MS}	DMIN ₂	RMPX	CNSC	DCON _{MS}		LF	WF					
	16	3/8	C4	152.0	70°	3	C4-DVVNN-00062-16	40	62.0	0.6	10	3.0	0.41	VNMG 16 04 08
				5.984				1.575	2.441	.024	145			
			C5	170.0	70°	3	C5-DVVNN-00065-16	50	65.0	0.6	10	3.0	0.63	VNMG 16 04 08
				6.693				1.969	2.559	.024	145			
			C6	190.0	70°	3	C6-DVVNN-00065-16	63	65.0	0.6	10	3.0	1.03	VNMG 16 04 08
				7.480				2.480	2.559	.024	145			
			C8	250.0	70°	3	C8-DVVNN-00080-16	80	80.0	0.6	10	3.0	2.00	VNMG 16 04 08
			9.843				3.150	3.150	.024	145				

N = Neutral

Spare parts						
		CZC _{MS}	Shim screw	Shim	Clamp set	Nozzle
16	3/8	C4	5513 020-09	5322 269-01	5412 028-061	5691 034-01
16	3/8	C5-C8	5513 020-09	5322 269-01	5412 028-061	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A185



F2



E1



G1



H37



H10



H5

A

GENERAL TURNING

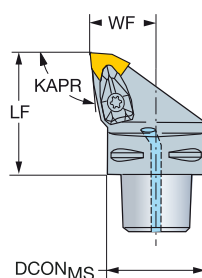
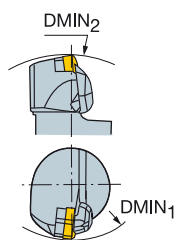
External tools

T-Max® P cutting unit for turning

Rigid clamp design

Coromant Capto® - Internal coolant supply

B

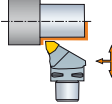
KAPR
PSIR95.0°
-5.0°

C



- WNMM,
- WNMG
- WNGA, WNMA

D

			CZC _{MS}	DMIN ₁	DMIN ₂	CNSC	Ordering code	Dimensions, mm, inch						MIID
	DCON _{MS}	LF						WF						
	06	3/8	C3	60.0	116.0	3	C3-DWLNRL-22040-06	32	40.0	22.0	10	1.7	0.21	WNMG 06 04 08
				2.362	4.567			1.260	1.575	.866	145			
			C4	60.0	140.0	3	C4-DWLNRL-27050-06	40	50.0	27.0	10	1.7	0.43	WNMG 06 04 08
				2.362	5.512			1.575	1.969	1.063	145			
			C5	65.0	165.0	3	C5-DWLNRL-35060-06	50	60.0	35.0	10	1.7	0.74	WNMG 06 04 08
				2.559	6.496			1.969	2.362	1.378	145			
			C6	81.0	190.0	3	C6-DWLNRL-45065-06	63	65.0	45.0	10	1.7	1.33	WNMG 06 04 08
				3.189	7.480			2.480	2.559	1.772	145			
	08	1/2	C4	110.0	140.0	3	C4-DWLNRL-27050-08	40	50.0	27.0	10	3.9	0.43	WNMG 08 04 08
				4.331	5.512			1.575	1.969	1.063	145			
			C5	110.0	165.0	3	C5-DWLNRL-35060-08	50	60.0	35.0	10	3.9	0.74	WNMG 08 04 08
				4.331	6.496			1.969	2.362	1.378	145			
			C6	110.0	190.0	3	C6-DWLNRL-45065-08	63	65.0	45.0	10	3.9	1.34	WNMG 08 04 08
				4.331	7.480			2.480	2.559	1.772	145			
			C8	110.0	250.0	3	C8-DWLNRL-55080-08	80	80.0	55.0	10	3.9	2.58	WNMG 08 04 08
				4.331	9.843			3.150	3.150	2.165	145			

R = Right hand, L = Left hand

F

		Spare parts				
06	3/8	C3	5513 020-04	5322 328-01	5412 028-011	
06	3/8	C4	5513 020-04	5322 328-01	5412 028-011	5691 034-01
06	3/8	C5-C6	5513 020-04	5322 328-01	5412 028-011	5691 045-01
08	1/2	C4	5513 020-02	5322 331-12	5412 028-021	5691 034-01
08	1/2	C5-C8	5513 020-02	5322 331-12	5412 028-021	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



A185



F2



E1



G1



H37



H10

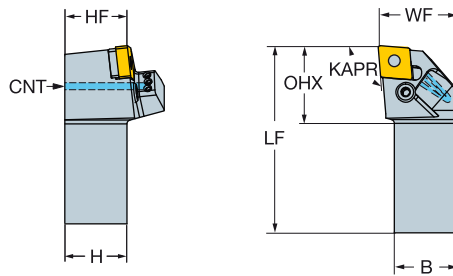


H5

T-Max® P shank tool for turning

Lever clamp design

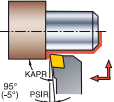
Precision coolant supply

KAPR
PSIR95.0°
-5.0°

Metric version

					Dimensions, mm											
		CZC _{MS}	OHX	CNSC	Ordering code	B	H	LF	WF	HF	CNT				MIID	
	12	32 x 25	30.1	1	PCLNR/L 3225P 12HP	25.0	32.0	170.0	32.0	32.0	G 1/8-28	275	5.0	1.09	CNMG 12 04 08	
		32 x 32	31.3	1	PCLNR/L 3232P 12HP	32.0	32.0	170.0	40.0	32.0	G 1/8-28	275	5.0	1.37	CNMG 12 04 08	
	16	25 x 25	32.6	1	PCLNR/L 2525M 16HP	25.0	25.0	150.0	32.0	25.0	G 1/8-28	275	5.0	0.78	CNMG 16 06 12	
		32 x 32	33.9	1	PCLNR/L 3232P 16HP	32.0	32.0	170.0	40.0	32.0	G 1/8-28	275	5.0	1.38	CNMG 16 06 12	

Inch version

					Dimensions, inch											
		CZC _{MS}	OHX	CNSC	Ordering code	B	H	LF	WF	HF	CNT				MIID	
	1/2	1 1/4 x 1 1/4	1.185	1	PCLNR/L 20 4DHP	1.250	1.250	6.000	1.500	1.250	G 1/8-28	3988	3.7	2.640	CNMG 432	

R = Right hand, L = Left hand

		Spare parts				
						
		Lever	Screw	Shim	Shim pin	Nozzle
12	1/2	174.3-841M	174.3-821	171.31-850M	174.3-861	5691 026-13
16	5/8	438.3-840	438.3-831	171.31-852	174.3-864	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A185



F2



E1



G1



H37



H10



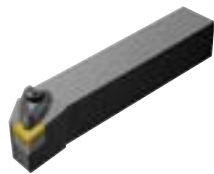
H5

A

T-Max® P shank tool for turning

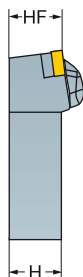
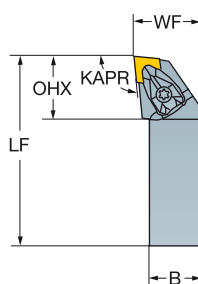
Rigid clamp design

B



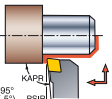
C

-  CNMM
-  CNMG
-  CNMA, CNGA

KAPR
PSIR95.0°
-5.0°

Metric version

D

		CZC _{MS}	OHX	Ordering code	Dimensions, mm							MIID
					B	H	LF	WF	HF			
	09	16 x 16	24.8	DCLNR/L 1616H 09	16.0	16.0	100.0	20.0	16.0	1.7	0.22	CNMG 09 03 08
		20 x 20	24.8	DCLNR/L 2020K 09	20.0	20.0	125.0	25.0	20.0	1.7	0.43	CNMG 09 03 08
		25 x 25	24.8	DCLNR/L 2525M 09	25.0	25.0	150.0	32.0	25.0	1.7	0.75	CNMG 09 03 08
	12	16 x 16	32.2	DCLNR/L 1616H 12	16.0	16.0	100.0	20.0	16.0	3.9	0.26	CNMG 12 04 08
		20 x 20	32.0	DCLNR/L 2020K 12	20.0	20.0	125.0	25.0	20.0	3.9	0.44	CNMG 12 04 08
		25 x 25	32.0	DCLNR/L 2525M 12	25.0	25.0	150.0	32.0	25.0	3.9	0.77	CNMG 12 04 08
		32 x 25	32.0	DCLNR/L 3225P 12	25.0	32.0	170.0	32.0	32.0	3.9	1.11	CNMG 12 04 08
		32 x 32	32.2	DCLNR/L 3232P 12	32.0	32.0	170.0	40.0	32.0	3.9	1.38	CNMG 12 04 08
	16	25 x 25	39.0	DCLNR/L 2525M 16	25.0	25.0	150.0	32.0	25.0	6.4	0.81	CNMG 16 06 12
		32 x 25	39.0	DCLNR/L 3225P 16	25.0	32.0	170.0	32.0	32.0	6.4	1.13	CNMG 16 06 12
		32 x 32	39.0	DCLNR/L 3232P 16	32.0	32.0	170.0	40.0	32.0	6.4	1.41	CNMG 16 06 12
	19	25 x 25	43.7	DCLNR/L 2525M 19	25.0	25.0	150.0	32.0	25.0	6.4	0.82	CNMG 19 06 12
		32 x 32	43.2	DCLNR/L 3232P 19	32.0	32.0	170.0	40.0	32.0	6.4	1.41	CNMG 19 06 12

R = Right hand, L = Left hand

E

Spare parts				
	CZC _{MS}	Shim screw	Shim	Clamp set
09	16 x 16-25 x 25	5513 020-04	5322 236-04	5412 028-011
12	16 x 16	5513 020-02	5322 236-03	5412 028-021
12	20 x 20-32 x 32	5513 020-02	5322 234-01	5412 028-021
16	25 x 25-32 x 32	5513 020-07	5322 234-04	5412 028-031
19	25 x 25-32 x 32	5513 020-07	5322 236-01	5412 028-041

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H



A185



F2



E1



H37



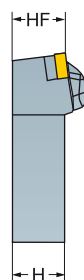
H10

T-Max® P shank tool for turning

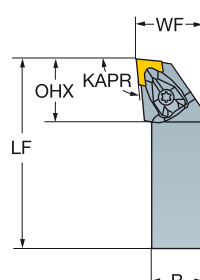
Rigid clamp design



KAPR
PSIR



95.0°
-5.0°



- CNMM
- CNMG
- CNMA, CNGA

Inch version

		CZC _{MS}	OHX	Ordering code	Dimensions, inch							MIID
					B	H	LF	WF	HF	FT/LBS	LBS	
	3/8	1 x 1	.980	DCLNR/L 16 3D	1.000	1.000	6.000	1.250	1.000	1.3	1.704	CNMG 322
	1/2	5/8 x 5/8	1.260	DCLNR/L 10 4A	.625	.625	4.000	.867	.625	2.9	0.617	CNMG 432
		3/4 x 3/4	1.260	DCLNR/L 12 4B	.750	.750	4.500	1.000	.750	2.9	0.827	CNMG 432
		1 x 1	1.260	DCLNR/L 16 4C	1.000	1.000	5.000	1.250	1.000	2.9	1.488	CNMG 432
		1 x 1	1.260	DCLNR/L 16 4D	1.000	1.000	6.000	1.250	1.000	2.9	1.808	CNMG 432
		1 1/4 x 1	1.260	DCLNR 85 4D	1.000	1.250	6.000	1.250	1.250	2.9	2.201	CNMG 432
		1 1/4 x 1 1/4	1.260	DCLNR/L 20 4D	1.250	1.250	6.000	1.500	1.250	2.9	2.650	CNMG 432
		1 1/2 x 1 1/2	1.260	DCLNR/L 24 4D	1.500	1.500	6.000	2.000	1.500	2.9	3.748	CNMG 432
	5/8	1 x 1	1.540	DCLNR/L 16 5D	1.000	1.000	6.000	1.250	1.000	4.7	1.825	CNMG 543
		1 1/4 x 1 1/4	1.540	DCLNR/L 20 5D	1.250	1.250	6.000	1.500	1.250	4.7	2.705	CNMG 543
		1 1/2 x 1 1/2	1.540	DCLNR/L 24 5D	1.500	1.500	6.000	2.000	1.500	4.7	3.792	CNMG 543
	3/4	1 1/4 x 1 1/4	1.700	DCLNR/L 20 6D	1.250	1.250	6.000	1.500	1.250	4.7	2.725	CNMG 643
		1 1/2 x 1 1/2	1.700	DCLNR/L 24 6D	1.500	1.500	6.000	2.000	1.500	4.7	3.818	CNMG 643

R = Right hand, L = Left hand

Spare parts				
	CZC _{MS}	Shim screw	Shim	Clamp set
3/8	1 x 1	5513 020-04	5322 236-04	5412 028-011
1/2	5/8 x 5/8	5513 020-02	5322 236-03	5412 028-021
1/2	3/4 x 3/4-1 1/2 x 1 1/2	5513 020-02	5322 234-01	5412 028-021
5/8	1 x 1	5513 020-07	5322 234-03	5412 028-031
5/8	1 1/4 x 1 1/4-1 1/2 x 1 1/2	5513 020-07	5322 234-04	5412 028-031
3/4	1 1/4 x 1 1/4-1 1/2 x 1 1/2	5513 020-07	5322 236-01	5412 028-041

For the complete list of spare parts, visit www.sandvik.coromant.com



A185



F2



E1



H37



H10

A

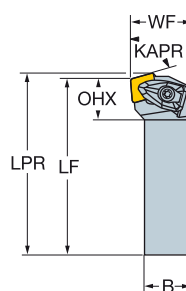
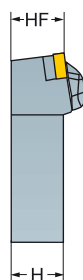
GENERAL TURNING

External tools

T-Max® P shank tool for turning

Rigid clamp design

B

KAPR
PSIR75.0°
15.0°

C

- CNMM
- CNMG
- CNMA, CNGA

Metric version

		Dimensions, mm											
		CZC _{MS}	OHX	Ordering code	B	H	LPR	LF	WF	HF			MIID
	12	20 x 20	21.2	DCKNR/L 2020K 12	20.0	20.0	128.1	125.0	25.0	20.0	3.9	0.46	CNMG 12 04 08
	25 x 25	21.2		DCKNR/L 2525M 12	25.0	25.0	153.1	150.0	32.0	25.0	3.9	0.80	CNMG 12 04 08
	32 x 25	21.3		DCKNR/L 3225P 12	25.0	32.0	173.1	170.0	32.0	32.0	3.9	1.10	CNMG 12 04 08
	16	32 x 32	27.1	DCKNR/L 3232P 16	32.0	32.0	173.8	170.0	40.0	32.0	6.4	1.44	CNMG 16 06 12

Inch version

		Dimensions, inch											
		CZC _{MS}	OHX	Ordering code	B	H	LPR	LF	WF	HF			MIID
	1/2	3/4 x 3/4	.748	DCKNR/L 12 4B	.750	.750	4.622	4.500	.855	.750	2.9	0.838	CNMG 432
	1 x 1	.839		DCKNR/L 16 4D	1.000	1.000	6.122	6.000	1.250	1.000	2.9	1.764	CNMG 432
	5/8	1 1/4 x 1 1/4	1.063	DCKNR/L 20 5D	1.250	1.250	6.150	6.000	1.500	1.250	4.7	2.812	CNMG 543

R = Right hand, L = Left hand

F

Metric version

		Spare parts		
	CZC _{MS}	Shim screw	Shim	Clamp set
12	20 x 20-32 x 25	5513 020-02	5322 234-01	5412 028-021
16	32 x 32	5513 020-07	5322 234-03	5412 028-031

Inch version

		Spare parts		
	CZC _{MS}	Shim screw	Shim	Clamp set
1/2	3/4 x 3/4-1 x 1	5513 020-02	5322 234-01	5412 028-021
5/8	1 1/4 x 1 1/4	5513 020-07	5322 234-04	5412 028-031

For the complete list of spare parts, visit www.sandvik.coromant.com

H



A185



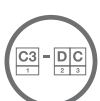
F2



E1



H37



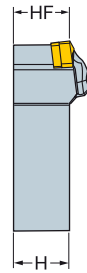
H10

T-Max® P shank tool for turning

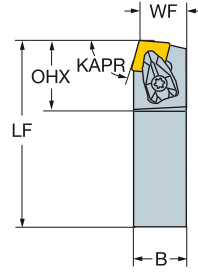
Rigid clamp design



KAPR
PSIR



75.0°
15.0°



-  CNMM
-  CNMG
-  CNMA, CNGA

Metric version

		CZC _{MS}	OHX	Ordering code	Dimensions, mm							MIID
					B	H	LF	WF	HF			
	12	20 x 20	34.2	DCBNR/L 2020K 12	20.0	20.0	125.0	17.0	20.0	3.9	0.43	CNMG 12 04 08
		25 x 25	34.6	DCBNR/L 2525M 12	25.0	25.0	150.0	22.0	25.0	3.9	0.76	CNMG 12 04 08
		32 x 25	34.6	DCBNR/L 3225P 12	25.0	32.0	170.0	22.0	32.0	3.9	1.09	CNMG 12 04 08
		32 x 32	34.2	DCBNR/L 3232P 12	32.0	32.0	170.0	27.0	32.0	3.9	1.35	CNMG 12 04 08
	16	25 x 25	41.5	DCBNR/L 2525M 16	25.0	25.0	150.0	22.0	25.0	6.4	0.79	CNMG 16 06 12
		32 x 25	32.0	DCBNR/L 3225P 16	25.0	32.0	170.0	22.0	32.0	6.4	1.11	CNMG 16 06 12
		32 x 32	41.6	DCBNR/L 3232P 16	32.0	32.0	170.0	27.0	32.0	6.4	1.39	CNMG 16 06 12
	19	32 x 32	46.1	DCBNR/L 3232P 19	32.0	32.0	170.0	27.0	32.0	6.4	1.39	CNMG 19 06 12

R = Right hand, L = Left hand

Spare parts				
	CZC _{MS}	Shim screw	Shim	Clamp set
12	20 x 20-32 x 32	5513 020-02	5322 234-01	5412 028-021
16	25 x 25-32 x 32	5513 020-07	5322 234-04	5412 028-031
19	32 x 32	5513 020-07	5322 236-01	5412 028-041

For the complete list of spare parts, visit www.sandvik.coromant.com



A185



F2



E1



H37



H10

A

GENERAL TURNING

External tools

T-Max® P shank tool for turning

Lever clamp design

Precision coolant supply

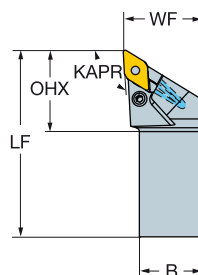
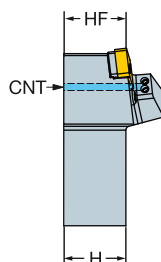
B



C

 DNMM, DNMX

 DNMG

 DNMA, DNGA
KAPR
PSIR93.0°
-3.0°

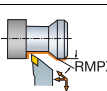
D

Metric version

							Dimensions, mm											
		CZC _{MS}	RMPX	OHX	CNSC	Ordering code	B	H	LF	WF	HF	CNT				MIID		
	11	16 x 16	27°	36.9	1	PDJNR/L 1616H 11HP	16.0	16.0	100.0	20.0	16.0	G 1/8-28	275	2.0	0.24	DNMG 11 04 08		
		20 x 20	27°	36.4	1	PDJNR/L 2020K 11HP	20.0	20.0	125.0	25.0	20.0	G 1/8-28	275	2.0	0.42	DNMG 11 04 08		
		25 x 25	27°	32.8	1	PDJNR/L 2525M 11HP	25.0	25.0	150.0	32.0	25.0	G 1/8-28	275	2.0	0.75	DNMG 11 04 08		
	15	32 x 25	27°	38.4	1	PDJNR/L 3225P 15HP	25.0	32.0	170.0	32.0	32.0	G 1/8-28	275	5.0	1.07	DNMG 15 06 08		
		32 x 32	27°	41.6	1	PDJNR/L 3232P 15HP	32.0	32.0	170.0	40.0	32.0	G 1/8-28	275	5.0	1.33	DNMG 15 06 08		

E

Inch version

						Dimensions, inch											
		CZC _{MS}	RMPX	OHX	CNSC	Ordering code	B	H	LF	WF	HF	CNT				MIID	
	3/8	1 x 1	27°	1.291	1	PDJNR/L 16 3DHP	1.000	1.000	6.000	1.252	1.000	G 1/8-28	3988	1.5	1.715	DNMG 332	
	1/2	1 1/4 x 1 1/4	27°	1.638	1	PDJNR/L 20 4DHP	1.250	1.250	5.906	1.500	1.250	G 1/8-28	3988	3.7	2.538	DNMG 432	

F

R = Right hand, L = Left hand

Metric version

		Spare parts				
	CZC _{MS}	Lever	Screw	Shim	Shim pin	Nozzle
11	16 x 16-25 x 25	5432 001-01	174.3-820M	5322 255-01	174.3-860	5691 026-13
15	32 x 25-32 x 32	174.3-847M	174.3-830	171.35-851M	174.3-861	5691 026-13

G

Inch version

		Spare parts				
	CZC _{MS}	Lever	Screw	Shim	Shim pin	Nozzle
3/8	1 x 1	5432 001-01	174.3-820M	5322 255-01	174.3-860	5691 026-13
1/2	1 1/4 x 1 1/4	174.3-847M	174.3-830	171.35-856	5554 010-11	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

H



A185



F2



E1



G1



H37



H10



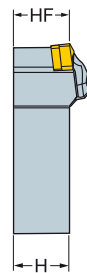
H5

T-Max® P shank tool for turning

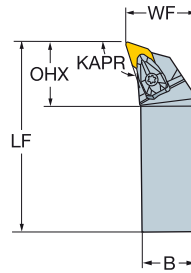
Rigid clamp design



KAPR
PSIR

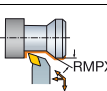


107.5°
-17.5°



-  DNMM, DNMX
-  DNMG
-  DNMA, DNGA

Metric version

					Ordering code	Dimensions, mm								MIID
		CZC _{MS}	RMPX	OHX		B	H	LF	WF	HF				
	15	20 x 20	12°	36.1	DDHNR/L 2020K 15	20.0	20.0	125.0	25.0	20.0	3.9	0.42	DNMG 15 06 08	
		25 x 25	12°	36.1	DDHNR/L 2525M 15	25.0	25.0	150.0	32.0	25.0	3.9	0.76	DNMG 15 06 08	
		25 x 25	12°	36.1	DDHNR/L 2525M 1504	25.0	25.0	150.0	32.0	25.0	3.9	0.77	DNMG 15 04 08	
		32 x 25	12°	36.1	DDHNR/L 3225P 15	25.0	32.0	170.0	32.0	32.0	3.9	1.09	DNMG 15 06 08	
		32 x 32	12°	36.1	DDHNR/L 3232P 15	32.0	32.0	170.0	40.0	32.0	3.9	1.34	DNMG 15 06 08	

-1504 in the end of the ordering code = For inserts with thickness 4.76 mm (3/16")

R = Right hand, L = Left hand

Ordering code	Spare parts		
	Shim screw	Shim	Clamp set
DDHNR/L 2020K 15	5513 020-02	5322 266-02	5412 028-021
DDHNR/L 2525M 15	5513 020-02	5322 266-02	5412 028-021
DDHNR/L 2525M 1504	5513 020-02	5322 266-01	5412 028-021
DDHNR/L 3225P 15	5513 020-02	5322 266-02	5412 028-021
DDHNR/L 3232P 15	5513 020-02	5322 266-02	5412 028-021

For the complete list of spare parts, visit www.sandvik.coromant.com



A185



F2



E1



H37



H10

A

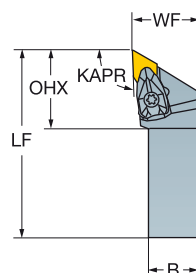
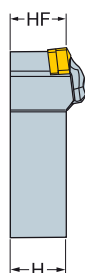
GENERAL TURNING

External tools

T-Max® P shank tool for turning

Rigid clamp design

B

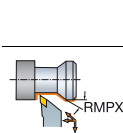
KAPR
PSIR93.0°
-3.0°

C

- DNMM, DNMX
- DNMG
- DNMA, DNGA

Metric version

D



				Dimensions, mm											
		CZC _{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF			MIID		
	11	16 x 16	27°	30.1	DDJNR/L 1616H 11	16.0	16.0	100.0	20.0	16.0	1.7	0.22	DNMG 11 04 08		
		20 x 20	27°	30.2	DDJNR/L 2020K 11	20.0	20.0	125.0	25.0	20.0	1.7	0.40	DNMG 11 04 08		
		25 x 25	27°	30.2	DDJNR/L 2525M 11	25.0	25.0	150.0	32.0	25.0	1.7	0.73	DNMG 11 04 08		
	15	20 x 20	27°	39.4	DDJNR/L 2020K 15	20.0	20.0	125.0	25.0	20.0	3.9	0.43	DNMG 15 06 08		
		20 x 20	27°	39.4	DDJNR/L 2020K 1504	20.0	20.0	125.0	25.0	20.0	3.9	0.43	DNMG 15 04 08		
		25 x 25	27°	39.4	DDJNR/L 2525M 15	25.0	25.0	150.0	32.0	25.0	3.9	0.75	DNMG 15 06 08		
		25 x 25	27°	39.4	DDJNR/L 2525M 1504	25.0	25.0	150.0	32.0	25.0	3.9	0.75	DNMG 15 04 08		
		32 x 25	27°	39.4	DDJNR/L 3225P 15	25.0	32.0	170.0	32.0	32.0	3.9	1.06	DNMG 15 06 08		
		32 x 25	27°	39.4	DDJNR/L 3225P 1504	25.0	32.0	170.0	32.0	32.0	3.9	1.08	DNMG 15 04 08		
		32 x 32	27°	39.4	DDJNR/L 3232P 15	32.0	32.0	170.0	40.0	32.0	3.9	1.33	DNMG 15 06 08		

E

-1504 in the end of the ordering code = For inserts with thickness 4.76 mm (3/16")

R = Right hand, L = Left hand

F

Spare parts			
Ordering code	Shim screw	Shim	Clamp set
DDJNR/L 1616H 11	5513 020-04	5322 267-01	5412 028-011
DDJNR/L 2020K 11	5513 020-04	5322 267-01	5412 028-011
DDJNR/L 2525M 11	5513 020-04	5322 267-01	5412 028-011
DDJNR/L 2020K 15	5513 020-02	5322 266-02	5412 028-021
DDJNR/L 2020K 1504	5513 020-02	5322 266-01	5412 028-021
DDJNR/L 2525M 15	5513 020-02	5322 266-02	5412 028-021
DDJNR/L 2525M 1504	5513 020-02	5322 266-01	5412 028-021
DDJNR/L 3225P 15	5513 020-02	5322 266-02	5412 028-021
DDJNR/L 3225P 1504	5513 020-02	5322 266-01	5412 028-021
DDJNR/L 3232P 15	5513 020-02	5322 266-02	5412 028-021

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



A185



F2



E1



H37



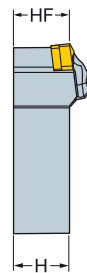
H10

T-Max® P shank tool for turning

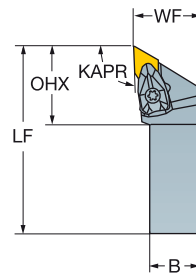
Rigid clamp design



KAPR
PSIR



93.0°
-3.0°



- DNMM, DNMX
- DNMG
- DNMA, DNGA

Inch version

		Dimensions, inch											
		CZC _{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF	FT/ LBS	LBS	MIID
	3/8	5/8 x 5/8	27°	1.200	DDJNR/L 10 3A	.625	.625	4.000	.875	.625	1.3	0.483	DNMG 332
		3/4 x 3/4	27°	1.190	DDJNR/L 12 3C	.750	.750	5.000	1.000	.750	1.3	0.794	DNMG 332
		1 x 1	27°	1.190	DDJNR/L 16 3D	1.000	1.000	6.000	1.250	1.000	1.3	1.665	DNMG 332
	1/2	3/4 x 3/4	27°	1.450	DDJNR/L 12 4B	.750	.750	4.500	1.000	.750	2.9	0.791	DNMG 432
		1 x 1	27°	1.550	DDJNR/L 16 4C	1.000	1.000	5.000	1.250	1.000	2.9	1.418	DNMG 432
		1 x 1	27°	1.550	DDJNR/L 16 4D	1.000	1.000	6.000	1.250	1.000	2.9	1.709	DNMG 432
		1 1/4 x 1 1/4	27°	1.550	DDJNR/L 20 4D	1.250	1.250	6.000	1.500	1.250	2.9	2.588	DNMG 432
	1 1/2	1 x 1 1/2	27°	1.550	DDJNR/L 24 4D	1.500	1.500	6.000	2.000	1.500	2.9	3.660	DNMG 432

R = Right hand, L = Left hand

Spare parts				
	CZC _{MS}	Shim screw	Shim	Clamp set
3/8	5/8 x 5/8-1 x 1	5513 020-04	5322 267-01	5412 028-011
1/2	3/4 x 3/4-1 1/2 x 1 1/2	5513 020-02	5322 266-01	5412 028-021

For the complete list of spare parts, visit www.sandvik.coromant.com



A185



F2



E1



H37



H10

A

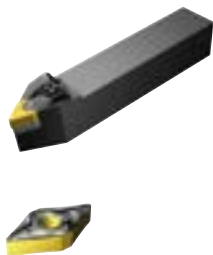
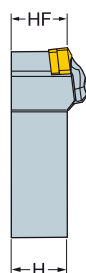
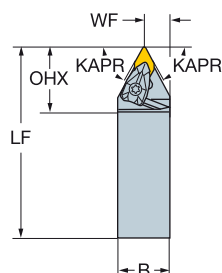
GENERAL TURNING

External tools

T-Max® P shank tool for turning

Rigid clamp design

B

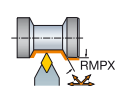
KAPR
PSIR62.5°
27.5°

C

- DNMM, DNMX
- DNMG
- DNMA, DNMA

Metric version

D



					Dimensions, mm									
		CZC _{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF			MIID	
	11	20 x 20	57°	31.2	DDNNN 2020K 11	20.0	20.0	125.0	10.5	20.0	1.7	0.39	DNMG 11 04 08	
		25 x 25	57°	31.2	DDNNN 2525M 11	25.0	25.0	150.0	13.0	25.0	1.7	0.72	DNMG 11 04 08	
	15	25 x 25	57°	40.8	DDNNN 2525M 15	25.0	25.0	150.0	13.0	25.0	3.9	0.72	DNMG 15 06 08	
		25 x 25	57°	40.8	DDNNN 2525M 1504	25.0	25.0	150.0	13.0	25.0	3.9	0.72	DNMG 15 04 08	
		32 x 25	57°	40.8	DDNNN 3225P 15	25.0	32.0	170.0	13.0	32.0	3.9	1.03	DNMG 15 06 08	
		32 x 32	57°	40.8	DDNNN 3232P 15	32.0	32.0	170.0	16.5	32.0	3.9	1.28	DNMG 15 06 08	

-1504 in the end of the ordering code = For inserts with thickness 4.76 mm (3/16")

N = Neutral

E

Spare parts			
Ordering code	Shim screw	Shim	Clamp set
DDNNN 2020K 11	5513 020-04	5322 267-01	5412 028-011
DDNNN 2525M 11	5513 020-04	5322 267-01	5412 028-011
DDNNN 2525M 15	5513 020-02	5322 266-02	5412 028-021
DDNNN 2525M 1504	5513 020-02	5322 266-01	5412 028-021
DDNNN 3225P 15	5513 020-02	5322 266-02	5412 028-021
DDNNN 3232P 15	5513 020-02	5322 266-02	5412 028-021

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H



A185



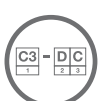
F2



E1



H37



H10

A 268

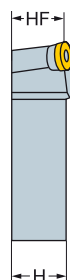


T-Max® P shank tool for turning

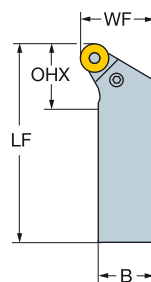
Lever clamp design



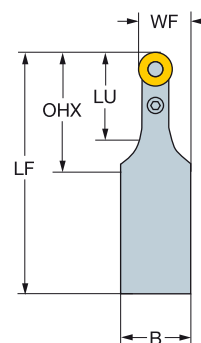
RCMX
RCMT
RCGX AL



PRGCR/L



PRDCN



Metric version

						Dimensions, mm										
		CZC _{MS}	LU	RMPX	OHX	Ordering code	B	H	LF	WF	HF			MIID		
	10	20 x 20	25.0	90°	30.0	PRDCN 2020K 10	20.0	20.0	125.0	15.0	20.0	2.0	0.37	RCMX 10 03 00		
	12	25 x 25	28.0	90°	33.0	PRDCN 2525M 12	25.0	25.0	150.0	18.5	25.0	4.0	0.67	RCMX 12 04 00		
		32 x 25	28.0	90°	33.0	PRDCN 3225P 12	25.0	32.0	170.0	18.5	32.0	4.0	0.98	RCMX 12 04 00		
	16	32 x 25	35.0	90°	40.0	PRDCN 3225P 16	25.0	32.0	170.0	20.5	32.0	4.0	0.98	RCMX 16 06 00		
	20	32 x 32	40.0	90°	45.0	PRDCN 3232P 20	32.0	32.0	170.0	26.0	32.0	8.0	1.23	RCMX 20 06 00		
	10	20 x 20		27°	20.8	PRGCR/L 2020K 10	20.0	20.0	125.0	25.0	20.0	2.0	0.40	RCMX 10 03 00		
		25 x 25		27°	27.2	PRGCR/L 2525M 10	25.0	25.0	150.0	32.0	25.0	2.0	0.76	RCMX 10 03 00		
	12	20 x 20		27°	20.8	PRGCR/L 2020K 12	20.0	20.0	125.0	25.0	20.0	4.0	0.41	RCMX 12 04 00		
		25 x 25		27°	27.2	PRGCR/L 2525M 12	25.0	25.0	150.0	32.0	25.0	4.0	0.76	RCMX 12 04 00		
		32 x 25		27°	32.0	PRGCR/L 3225P 12	25.0	32.0	170.0	32.0	32.0	4.0	1.07	RCMX 12 04 00		
	16	25 x 25		27°	27.2	PRGCR/L 2525M 16	25.0	25.0	150.0	32.0	25.0	4.0	0.76	RCMX 16 06 00		
		32 x 25		27°	33.2	PRGCR/L 3225P 16	25.0	32.0	170.0	32.0	32.0	4.0	1.08	RCMX 16 06 00		
	20	32 x 32		27°	38.0	PRGCR/L 3232P 20	32.0	32.0	170.0	40.0	32.0	8.0	1.35	RCMX 20 06 00		

N = Neutral, R = Right hand, L = Left hand

Spare parts					
	CZC _{MS}				
		Lever	Screw	Shim	Shim pin
10	20 x 20-25 x 25	176.39-840	174.3-834	176.39-850	174.3-860
12	20 x 20-32 x 25	5432 005-01	174.3-820M	176.39-851	174.3-863
16	25 x 25-32 x 25	176.39-842	174.3-833	176.39-852	174.3-867
20	32 x 32	176.39-843	174.3-825	176.39-853	174.3-864

For the complete list of spare parts, visit www.sandvik.coromant.com



A185



F2



E1



H37



H10

A

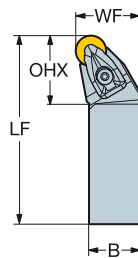
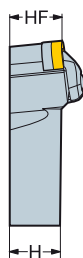
GENERAL TURNING

External tools

T-Max® P shank tool for turning

Rigid clamp design

B



C

RNMG
 RNGA

Metric version

						Dimensions, mm								
		CZC _{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF			MIID	
	12	25 x 25	40°	31.6	DRSNR/L 2525M 12	25.0	25.0	150.0	32.0	25.0	3.9	0.74	RNMG 12 04 00	
	15	32 x 25	40°	38.5	DRSNR/L 3225P 15	25.0	32.0	170.0	32.0	32.0	6.4	1.04	RNMG 15 06 00	
	19	32 x 32	40°	42.6	DRSNR/L 3232P 19	32.0	32.0	170.0	40.0	32.0	6.4	1.34	RNMG 19 06 00	

D

Inch version

		CZC _{MS}	RMPX	OHX	Ordering code	Dimensions, inch							FT/LBS LBS	MIID
						B	H	LF	WF	HF				
	3/8	3/4 x 3/4	40°	.984	DRSNR 12 3B	.750	.750	4.500	1.000	.750	1.3	0.728	RNMG 32	
	1/2	1 x 1	40°	1.244	DRSNR/L 16 4D	1.000	1.000	6.000	1.252	1.000	2.9	1.411	RNMG 43	
		1 1/4 x 1 1/4	40°	1.244	DRSNR/L 20 4D	1.250	1.250	6.000	1.500	1.252	2.9	2.540	RNMG 43	

R = Right hand, L = Left hand

E

Metric version

Spare parts				
	CZC _{MS}	Shim screw	Shim	Clamp set
12	25 x 25	5513 020-02	5322 155-02	5412 028-021
15	32 x 25	5513 020-07	5322 155-04	5412 028-031
19	32 x 32	5513 020-07	5322 155-06	5412 028-041

F

Inch version

Spare parts				
	CZC _{MS}	Shim screw	Shim	Clamp set
3/8	3/4 x 3/4	5513 020-04	5322 156-01	5412 028-011
1/2	1 x 1-1 1/4 x 1 1/4	5513 020-02	5322 155-02	5412 028-021

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



A185



F2



E1



H37



H10

A 270

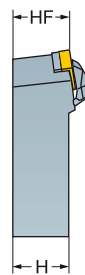


T-Max® P shank tool for turning

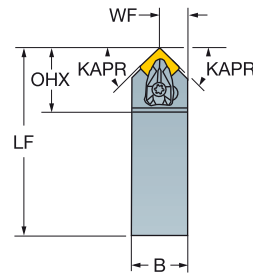
Rigid clamp design



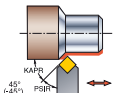
KAPR
PSIR



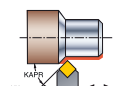
45.0°
45.0°



Metric version

						Dimensions, mm									
		CZC _{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF			MIID		
	09	16 x 16	40°	28.1	DSDNN 1616H 09	16.0	16.0	100.0	8.3	16.0	1.7	0.21	SNMG 09 03 08		
	12	20 x 20	40°	36.5	DSDNN 2020K 12	20.0	20.0	125.0	10.3	20.0	3.9	0.43	SNMG 12 04 08		
		25 x 25	40°	36.5	DSDNN 2525M 12	25.0	25.0	150.0	12.8	25.0	3.9	0.75	SNMG 12 04 08		
		32 x 25	40°	36.5	DSDNN 3225P 12	25.0	32.0	170.0	12.8	32.0	3.9	1.04	SNMG 12 04 08		
		32 x 32	40°	36.8	DSDNN 3232P 12	32.0	32.0	170.0	16.3	32.0	3.9	1.32	SNMG 12 04 08		
	15	25 x 25	40°	44.8	DSDNN 2525M 15	25.0	25.0	150.0	12.8	25.0	6.4	0.75	SNMG 15 06 12		
	19	32 x 32	40°	49.5	DSDNN 3232P 19	32.0	32.0	170.0	16.5	32.0	6.4	1.36	SNMG 19 06 12		

Inch version

					Dimensions, inch									
	IC	CZC _{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF	FT/ LBS	LBS	MIID	
	1/2	3/4 x 3/4	40°	1.450	DSDNN 12 4B	.750	.750	4.500	.386	.750	2.9	0.759	SNMG 432	
		1 x 1	40°	1.450	DSDNN 16 4D	1.000	1.000	6.000	.512	1.000	2.9	1.707	SNMG 432	
	5/8	1 x 1	40°	1.760	DSDNN 16 5D	1.000	1.000	6.000	.520	1.000	4.7	1.676	SNMG 543	
		1 1/4 x 1 1/4	40°	1.760	DSDNN 20 5D	1.250	1.250	6.000	.646	1.250	4.7	2.608	SNMG 543	
	3/4	1 1/4 x 1 1/4	40°	1.969	DSDNN 20 6D	1.250	1.250	6.000	.646	1.250	4.7	2.621	SNMG 643	

N = Neutral

Metric version

Spare parts				
	CZC _{MS}	Shim screw	Shim	Clamp set
09	16 x 16	5513 020-04	5322 426-01	5412 028-011
12	20 x 20-32 x 32	5513 020-02	5322 425-01	5412 028-021
15	25 x 25	5513 020-07	5322 425-03	5412 028-031
19	32 x 32	5513 020-07	5322 425-04	5412 028-041

Inch version

Spare parts				
	CZC _{MS}	Shim screw	Shim	Clamp set
1/2	3/4 x 3/4-1 x 1	5513 020-02	5322 425-01	5412 028-021
5/8	1 x 1-1 1/4 x 1 1/4	5513 020-07	5322 425-03	5412 028-031
3/4	1 1/4 x 1 1/4	5513 020-07	5322 425-04	5412 028-041

For the complete list of spare parts, visit www.sandvik.coromant.com



A185



F2



E1



H37



H10

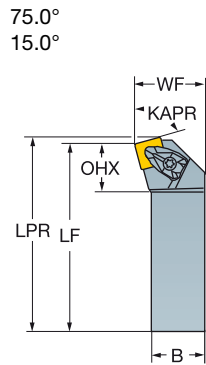
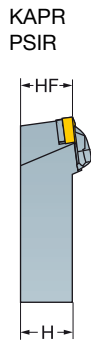
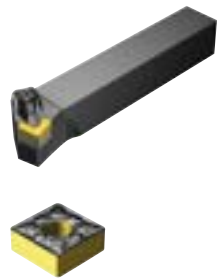


A

T-Max® P shank tool for turning

Rigid clamp design

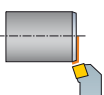
B



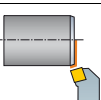
C

- SNMM
- SNMG
- SNMA, SNGA

Metric version

					Dimensions, mm									
		CZC _M _S	RMPX	OHX	Ordering code	B	H	LPR	LF	WF	HF			MID
	12	25 x 25	10°	23.6	DSKNR/L 2525M 12	25.0	25.0	153.1	150.0	32.0	25.0	3.9	0.79	SNMG 12 04 08
		32 x 25	10°	23.7	DSKNR/L 3225P 12	25.0	32.0	173.1	170.0	32.0	32.0	3.9	1.13	SNMG 12 04 08

Inch version

						Dimensions, inch								
		CZC _{MIS}	RMPX	OHX	Ordering code	B	H	LPR	LF	WF	HF			MID
	1/2	1 x 1	10°	.930	DSKNR/L 16 4D	1.000	1.000	6.120	6.000	1.250	1.000	2.9	1.797	SNMG 432

R = Right hand, L = Left hand

F

Spare parts		
Shim screw	Shim	Clamp set
5513 020-02	5322 425-01	5412 028-021

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H

A185

F2

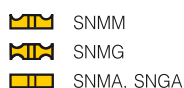
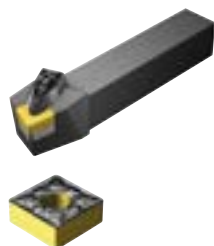
E1

H37

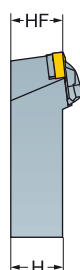
H10

T-Max® P shank tool for turning

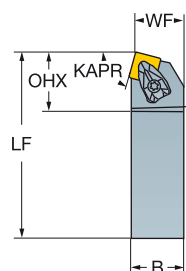
Rigid clamp design



KAPR
PSIR



75.0°
15.0°



Metric version

					Ordering code	Dimensions, mm							MIID
						B	H	LF	WF	HF	NM	KG	
	09	25 x 25	10°	26.7	DSBNR 2525M 09	25.0	25.0	150.0	22.0	25.0	1.7	0.74	SNMG 09 03 08
	12	20 x 20	10°	34.2	DSBNR/L 2020K 12	20.0	20.0	125.0	17.0	20.0	3.9	0.43	SNMG 12 04 08
		25 x 25	10°	34.3	DSBNR/L 2525M 12	25.0	25.0	150.0	22.0	25.0	3.9	0.75	SNMG 12 04 08
		32 x 25	10°	34.3	DSBNR/L 3225P 12	25.0	32.0	170.0	22.0	32.0	3.9	1.12	SNMG 12 04 08
	15	25 x 25	10°	41.6	DSBNR/L 2525M 15	25.0	25.0	150.0	22.0	25.0	6.4	0.79	SNMG 15 06 12
		32 x 32	10°	41.5	DSBNR/L 3232P 15	32.0	32.0	170.0	27.0	32.0	6.4	1.38	SNMG 15 06 12
	19	32 x 32	10°	46.4	DSBNR/L 3232P 19	32.0	32.0	170.0	27.0	32.0	6.4	1.38	SNMG 19 06 12

Inch version

					Ordering code	Dimensions, inch							MIID
						B	H	LF	WF	HF	FT/LBS	LBS	
	3/8	5/8 x 5/8	10°	1.050	DSRNR/L 10 3B	.625	.625	4.500	.783	.625	1.3	0.992	SNMG 322
	1/2	1 x 1	10°	1.350	DSRNR/L 16 4DM1	1.000	1.000	6.000	1.048	1.000	2.9	1.724	SNMG 432
	5/8	1 1/4 x 1 1/4	10°	1.640	DSRNR/L 20 5D	1.250	1.250	6.000	1.291	1.250	4.7	2.697	SNMG 543
	3/4	1 1/4 x 1 1/4	10°	1.830	DSRNR/L 20 6DM1	1.250	1.250	6.000	1.292	1.250	4.7	2.734	SNMG 643
		1 1/2 x 1 1/2	10°	1.830	DSRNR/L 24 6D	1.500	1.500	6.000	1.697	1.500	4.7	3.807	SNMG 643

M1 in the end of the ordering code = Modified WF dimension to follow ANSI-standard.

R = Right hand, L = Left hand

Metric version

Spare parts				
	CZC _{MS}	Shim screw	Shim	Clamp set
09	25 x 25	5513 020-04	5322 426-01	5412 028-011
12	20 x 20-32 x 25	5513 020-02	5322 425-01	5412 028-021
15	25 x 25	5513 020-07	5322 425-05	5412 028-031
15	32 x 32	5513 020-07	5322 425-03	5412 028-031
19	32 x 32	5513 020-07	5322 425-04	5412 028-041

Inch version

Spare parts				
	CZC _{MS}	Shim screw	Shim	Clamp set
3/8	5/8 x 5/8	5513 020-04	5322 426-01	5412 028-011
1/2	1 x 1	5513 020-02	5322 425-01	5412 028-021
5/8	1 1/4 x 1 1/4	5513 020-07	5322 425-03	5412 028-031
3/4	1 1/4 x 1 1/4-1 1/2 x 1 1/2	5513 020-07	5322 425-04	5412 028-041

For the complete list of spare parts, visit www.sandvik.coromant.com



A185



F2



E1



H37



H10

A

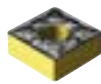
GENERAL TURNING

External tools

T-Max® P shank tool for turning

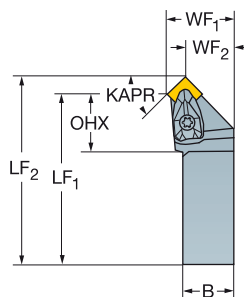
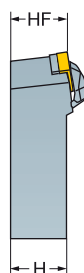
Rigid clamp design

B

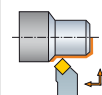


C

- SNMM
- SNMG
- SNMA, SNGA

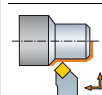
KAPR
PSIR45.0°
45.0°

D



				Dimensions, mm											
		CZC _{MS}	OHX	Ordering code	B	H	LPR	LF	WF	HF			MIID		
	12	20 x 20	27.5	DSSNR/L 2020K 12	20.0	20.0	133.3	125.0	25.0	20.0	3.9	0.33	SNMG 12 04 08		
		25 x 25	27.5	DSSNR/L 2525M 12	25.0	25.0	158.3	150.0	32.0	25.0	3.9	0.80	SNMG 12 04 08		
		32 x 25	27.4	DSSNR/L 3225P 12	25.0	32.0	178.3	170.0	32.0	32.0	3.9	1.13	SNMG 12 04 08		
		32 x 32	27.4	DSSNR/L 3232P 12	32.0	32.0	178.3	170.0	40.0	32.0	3.9	1.40	SNMG 12 04 08		
		15	25 x 25	32.0	DSSNR/L 2525M 15	25.0	25.0	160.2	150.0	32.0	25.0	6.4	0.90	SNMG 15 06 12	
		32 x 25	33.1	DSSNR/L 3225P 15	25.0	32.0	180.2	170.0	32.0	32.0	6.4	1.16	SNMG 15 06 12		
		32 x 32	33.1	DSSNR/L 3232P 15	32.0	32.0	180.2	170.0	40.0	32.0	6.4	1.44	SNMG 15 06 12		
		19	32 x 32	37.0	DSSNR/L 3232P 19	32.0	32.0	182.5	170.0	40.0	32.0	6.4	1.47	SNMG 19 06 12	

E



		Dimensions, inch											
		CZC _{MS}	OHX	Ordering code	B	H	LPR	LF	WF	HF			MIID
	1/2	3/4 x 3/4	1.134	DSSNR/L 12 4B	.750	.750	4.828	4.500	1.000	.750	2.9	0.852	SNMG 432
		1 x 1	1.075	DSSNR/L 16 4D	1.000	1.000	6.328	6.000	1.250	1.000	2.9	1.809	SNMG 432
	3/4	1 1/4 x 1 1/4	1.413	DSSNR/L 20 6D	1.250	1.250	6.491	6.000	1.500	1.250	4.7	2.822	SNMG 643

F

R = Right hand, L = Left hand

Metric version

		Spare parts		
		CZC _{MS}	Shim screw	Shim
12	20 x 20-32 x 32	5513 020-02	5322 425-01	5412 028-021
15	25 x 25-32 x 32	5513 020-07	5322 425-03	5412 028-031
19	32 x 32	5513 020-07	5322 425-04	5412 028-041

G

Inch version

		Spare parts		
		CZC _{MS}	Shim screw	Shim
1/2	3/4 x 3/4-1 x 1	5513 020-02	5322 425-01	5412 028-021
3/4	1 1/4 x 1 1/4	5513 020-07	5322 425-04	5412 028-041

For the complete list of spare parts, visit www.sandvik.coromant.com

H



A185



F2



E1



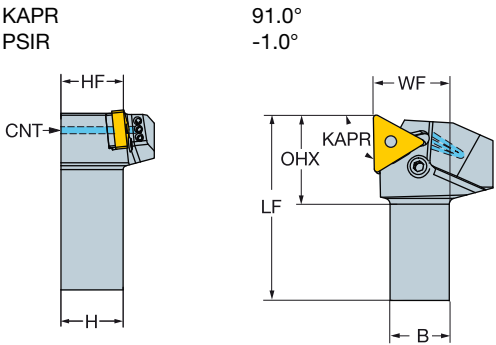
H37



H10

T-Max® P shank tool for turning

Lever clamp design
Precision coolant supply



- TNMM, TNMX
- TNMG
- TNMA, TNGA

Metric version

	Dimensions, mm														
		CZC _{MS}	OHX	CNSC	Ordering code	B	H	LF	WF	HF	CNT				MIID
	16	16 x 16	23.9	1	PTGNR/L 1616H 16HP	16.0	16.0	100.0	20.0	16.0	G 1/8-28	275	2.0	0.27	TNMG 16 04 08
		20 x 20	23.9	1	PTGNR/L 2020K 16HP	20.0	20.0	125.0	25.0	20.0	G 1/8-28	275	2.0	0.47	TNMG 16 04 08
		25 x 25	23.9	1	PTGNR/L 2525M 16HP	25.0	25.0	150.0	32.0	25.0	G 1/8-28	275	2.0	0.79	TNMG 16 04 08

R = Right hand, L = Left hand

Spare parts				
Lever	Screw	Shim	Shim pin	Nozzle
174.3-840M	174.3-820M	179.3-850M	174.3-860	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com



A

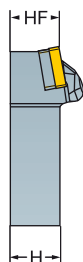
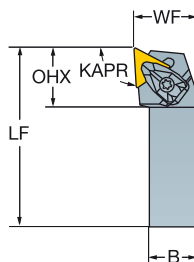
GENERAL TURNING

External tools

T-Max® P shank tool for turning

Rigid clamp design

B

KAPR
PSIR93.0°
-3.0°

C

TNMM, TNMX

TNMG

TNMA, TNGA

Metric version

		CZC _{MS}	OHX	Ordering code	Dimensions, mm							MIID
					B	H	LF	WF	HF			
	16	16 x 16	24.9	DTJNR/L 1616H 16	16.0	16.0	100.0	20.0	16.0	1.7	0.23	TNMG 16 04 08
		20 x 20	24.9	DTJNR/L 2020K 16	20.0	20.0	125.0	25.0	20.0	1.7	0.43	TNMG 16 04 08
		25 x 25	24.9	DTJNR/L 2525M 16	25.0	25.0	150.0	32.0	25.0	1.7	0.76	TNMG 16 04 08
		32 x 25	25.3	DTJNR/L 3225P 16	25.0	32.0	170.0	32.0	32.0	1.7	1.10	TNMG 16 04 08
	22	25 x 25	32.6	DTJNR/L 2525M 22	25.0	25.0	150.0	32.0	25.0	3.9	0.90	TNMG 22 04 08
		32 x 32	32.6	DTJNR/L 3232P 22	32.0	32.0	170.0	40.0	32.0	3.9	1.42	TNMG 22 04 08

D

Inch version

		CZC _{MS}	OHX	Ordering code	Dimensions, inch							
	3/8	1 x 1	.980	DTJNR/L 16 3D	B	H	LF	WF	HF	FT/ LBS	LBS	MIID
					1.000	1.000	6.000	1.250	1.000	1.3	1.750	TNMG 332

F

R = Right hand, L = Left hand

Metric version

Spare parts				
	CZC _{MS}	Shim screw	Shim	Clamp set
16	16 x 16	5513 020-04	5322 316-01	5412 028-011
16	20 x 20-32 x 25	5513 020-04	5322 315-02	5412 028-011
22	25 x 25-32 x 32	5513 020-02	5322 315-04	5412 028-021

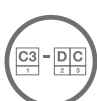
G

Inch version

Spare parts				
	CZC _{MS}	Shim screw	Shim	Clamp set
3/8	1 x 1	5513 020-04	5322 315-02	5412 028-011

For the complete list of spare parts, visit www.sandvik.coromant.com

H



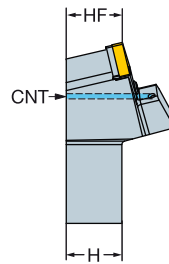
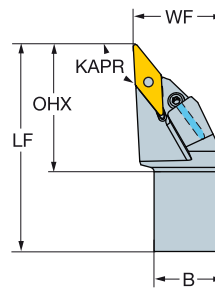
A 276

SANDVIK
Coromant

T-Max® P shank tool for turning

Lever clamp design

Precision coolant supply


 VNMG
KAPR
PSIR93.0°
-3.0°

Metric version

						Dimensions, mm											
		CZC _{MS}	RMPX	OHX	CNSC	Ordering code	B	H	LF	WF	HF	CNT				MIID	
	16	16 x 16	41°	41.6	1	PVJNR/L 1616H 16HP	16.0	16.0	100.0	20.0	16.0	G 1/8-28	275	2.0	0.25	VNMG 16 04 08	
		20 x 20	41°	42.6	1	PVJNR/L 2020K 16HP	20.0	20.0	125.0	25.0	20.0	G 1/8-28	275	2.0	0.42	VNMG 16 04 08	
		25 x 25	41°	45.7	1	PVJNR/L 2525M 16HP	25.0	25.0	150.0	32.0	25.0	G 1/8-28	275	2.0	0.75	VNMG 16 04 08	
	32 x 25	41°	45.7	1	PVJNR/L 3225P 16HP	25.0	32.0	170.0	32.0	32.0	G 1/8-28	275	2.0	1.08	VNMG 16 04 08		

Inch version

						Dimensions, inch													
		CZC _{MS}	RMPX	OHX	CNSC	Ordering code	B	H	LF	WF	HF	CNT				MIID			
	3/8	3/4 x 3/4	41°	1.677	1	PVJNR/L 12 3BHP	.750	.750	4.500	1.000	.750	G 1/8-28	3988	1.5	0.783	VNMG 332			
		1 x 1	41°	1.799	1	PVJNR/L 16 3DHP	1.000	1.000	6.000	1.252	1.000	G 1/8-28	3988	1.5	1.719	VNMG 332			

R = Right hand, L = Left hand

Spare parts

Lever	Screw	Shim	Shim pin	Nozzle
5432 001-02	174.3-820M	5322 256-01	174.3-860	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A185



F2



E1



G1



H37



H10



H5

A

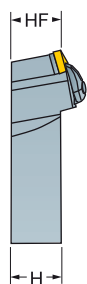
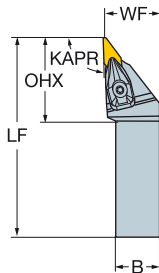
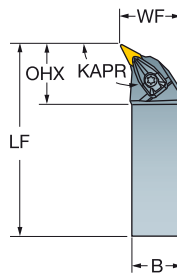
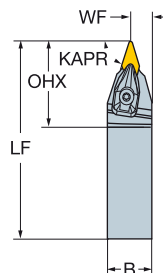
GENERAL TURNING

External tools

T-Max® P shank tool for turning

Rigid clamp design

B

KAPR
PSIRDVJNR/L
93.0°
-3.0°DVPNR/L
117.5°
-27.5°DVVNN
72.5°
17.5°

C



VNMG

Metric version

D

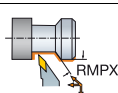


		Dimensions, mm											
		CZC _{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF	NM	KG	MID
	16	20 x 20	44°	46.6	DVJNR/L 2020K 16	20.0	20.0	125.0	25.0	20.0	3.0	0.44	VNMG 16 04 08
		25 x 25	44°	46.6	DVJNR/L 2525M 16	25.0	25.0	150.0	32.0	25.0	3.0	0.74	VNMG 16 04 08
		32 x 25	44°	46.6	DVJNR/L 3225P 16	25.0	32.0	170.0	32.0	32.0	3.0	1.06	VNMG 16 04 08
		32 x 32	44°	46.6	DVJNR/L 3232P 16	32.0	32.0	170.0	40.0	32.0	3.0	1.29	VNMG 16 04 08
	16	25 x 25	25°	39.2	DVPNR/L 2525M 16	25.0	25.0	150.0	32.0	25.0	3.0	0.80	VNMG 16 04 08
		32 x 25	25°	39.2	DVPNR/L 3225P 16	25.0	32.0	170.0	32.0	32.0	3.0	1.05	VNMG 16 04 08
		32 x 32	25°	39.2	DVPNR/L 3232P 16	32.0	32.0	170.0	40.0	32.0	3.0	1.33	VNMG 16 04 08
	16	20 x 20	70°	47.8	DVNN 2020K 16	20.0	20.0	125.0	10.6	20.0	3.0	0.43	VNMG 16 04 08
		25 x 25	70°	47.8	DVNN 2525M 16	25.0	25.0	150.0	13.1	25.0	3.0	0.72	VNMG 16 04 08
		32 x 25	70°	47.8	DVNN 3225P 16	25.0	32.0	170.0	13.1	32.0	3.0	1.03	VNMG 16 04 08
		32 x 32	70°	47.8	DVNN 3232P 16	32.0	32.0	170.0	16.6	32.0	3.0	1.25	VNMG 16 04 08

E

Inch version

F



		CZC _{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF	FT/LBS	LBS	MID
	3/8	3/4 x 3/4	44°	1.830	DVJNR/L 12 3B	.750	.750	4.500	1.000	.750	2.2	0.783	VNMG 332
		1 x 1	44°	1.830	DVJNR/L 16 3D	1.000	1.000	6.000	1.250	1.000	2.2	1.764	VNMG 332
		1 1/4 x 1 1/4	44°	1.830	DVJNR/L 20 3D	1.250	1.250	6.000	1.500	1.250	2.2	2.474	VNMG 332
		1 1/2 x 1 1/2	44°	1.830	DVJNR/L 24 3D	1.500	1.500	6.000	2.000	1.500	2.2	3.263	VNMG 332
	3/8	3/4 x 3/4	70°	1.880	DVNN 12 3B	.750	.750	4.500	.398	.750	2.2	0.756	VNMG 332
		1 x 1	70°	1.880	DVNN 16 3D	1.000	1.000	6.000	.524	1.000	2.2	1.648	VNMG 332
		1 1/4 x 1 1/4	70°	1.880	DVNN 20 3D	1.250	1.250	6.000	.650	1.250	2.2	2.372	VNMG 332
		1 1/2 x 1 1/2	70°	1.880	DVNN 24 3D	1.500	1.500	6.000	.770	1.500	2.2	3.214	VNMG 332

G

N = Neutral, R = Right hand, L = Left hand

Spare parts

Shim screw	Shim	Clamp set
5513 020-09	5322 269-01	5412 028-061

For the complete list of spare parts, visit www.sandvik.coromant.com

H



A185



F2



E1



H37



H10

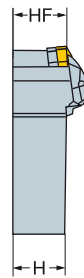
T-Max® P shank tool for turning

Rigid clamp design

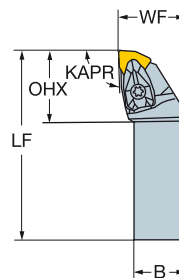


-  WNMM,
-  WNMG
-  WNGA, WNMA

KAPR
PSIR



95.0°
-5.0°



Metric version

		CZC _{MS}	OHX	Ordering code	Dimensions, mm							MIID
					B	H	LF	WF	HF	NM	KG	
	06	16 x 16	26.4	DWLNRL 1616H 06	16.0	16.0	100.0	20.0	16.0	1.7	0.22	WNMG 06 04 08
		20 x 20	27.1	DWLNRL 2020K 06	20.0	20.0	125.0	25.0	20.0	1.7	0.42	WNMG 06 04 08
		25 x 25	27.1	DWLNRL 2525M 06	25.0	25.0	150.0	32.0	25.0	1.7	0.76	WNMG 06 04 08
	08	20 x 20	34.3	DWLNRL 2020K 08	20.0	20.0	125.0	25.0	20.0	3.9	0.43	WNMG 08 04 08
		25 x 25	34.3	DWLNRL 2525M 08	25.0	25.0	150.0	32.0	25.0	3.9	0.76	WNMG 08 04 08
		32 x 25	35.0	DWLNRL 3225P 08	25.0	32.0	170.0	32.0	32.0	3.9	1.10	WNMG 08 04 08
		32 x 32	34.3	DWLNRL 3232P 08	32.0	32.0	170.0	40.0	32.0	3.9	1.36	WNMG 08 04 08

Inch version

		CZC _{MS}	OHX	Ordering code	Dimensions, inch							MIID
					B	H	LF	WF	HF			
	3/8	3/4 x 3/4	1.950	DWLNRL 12 3C	.750	.750	5.000	1.000	.750	1.3	0.882	WNMG 332
		1 x 1	1.950	DWLNRL 16 3D	1.000	1.000	6.000	1.250	1.000	1.3	1.764	WNMG 332
	1/2	3/4 x 3/4	1.378	DWLNRL 12 4C	.750	.750	5.000	1.000	.750	2.9	0.882	WNMG 432
		1 x 1	1.350	DWLNRL 16 4D	1.000	1.000	6.000	1.250	1.000	2.9	1.737	WNMG 432
		1 1/4 x 1 1/4	1.378	DWLNRL 20 4D	1.250	1.250	6.000	1.500	1.250	2.9	2.639	WNMG 432

R = Right hand, L = Left hand

Spare parts				
		Shim screw	Shim	Clamp set
06	3/8	5513 020-04	5322 328-01	5412 028-011
08	1/2	5513 020-02	5322 331-12	5412 028-021

For the complete list of spare parts, visit www.sandvik.coromant.com



A185



F2



E1



H37



H10

A

GENERAL TURNING

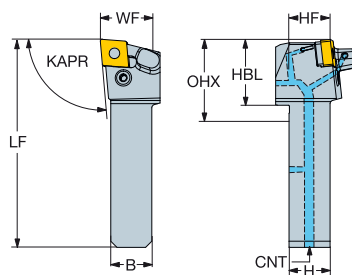
External tools

T-Max® P QS shank tool for turning

Lever clamp design

Precision coolant supply

B

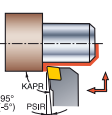
KAPR
PSIR95.0°
-5.0°

C

- CNMM
- CNMG
- CNMA, CNGA

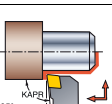
Metric version

D

						Dimensions, mm												
		CZC _{MS}	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT				MIID		
	12	20 x 20	52.0	3	QS-PCLNR/L 2020-12C	20.0	20.0	32.0	101.0	25.0	20.0	G 1/8-28	150	5.0	0.31	CNMG 12 04 08		
		25 x 25	57.0	3	QS-PCLNR/L 2525-12C	25.0	25.0	32.0	116.0	32.0	25.0	G 1/8-28	150	5.0	0.54	CNMG 12 04 08		

E

Inch version

					Dimensions, inch															
		CZC _{MS}	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT				MIID				
	1/2	3/4 x 3/4	2.010	3	QS-PCLNR/L 12 4C	.750	.750	1.260	3.976	1.000	.750	G 1/8-28	2175	3.7	0.633	CNMG 432				
		1 x 1	2.260	3	QS-PCLNR/L 16 4C	1.000	1.000	1.260	4.567	1.250	1.000	G 1/8-28	2175	3.7	1.219	CNMG 432				

F

R = Right hand, L = Left hand

Spare parts

Lever	Screw	Shim	Shim pin	Nozzle	Screw	Screw	Screw
174.3-841M	174.3-821	171.31-850M	174.3-861	5691 026-13	5512 104-01	3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



A185



F2



E1



G1



H37



H10



H5

A 280



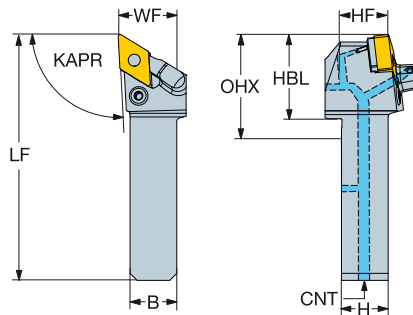
T-Max® P QS shank tool for turning

Lever clamp design

Precision coolant supply

KAPR
PSIR93.0°
-3.0°

DNMM, DNMX
 DNMG
 DNMA, DNGA



Metric version

							Dimensions, mm														
		CZC _{MS}	RMPX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT				MIID				
	15	20 x 20	27°	56.0	3	QS-PDJNR/L 2020-15C	20.0	20.0	36.0	105.0	25.0	20.0	G 1/8-28	150	5.0	0.30	DNMG 15 06 08				
		25 x 25	27°	61.0	3	QS-PDJNR/L 2525-15C	25.0	25.0	36.0	120.0	32.0	25.0	G 1/8-28	150	5.0	0.51	DNMG 15 06 08				

Inch version

						Ordering code	Dimensions, inch													MID
	CZC _{MS}	RMPX	OHX	CNSC	B		H	HBL	LF	WF	HF	CNT								
	1/2	3/4 x 3/4	27°	2.167	3		.750	.750	1.417	4.134	1.000	.750	G 1/8-28	2175	3.7	0.597				
		1 x 1	27°	2.417	3		1.000	1.000	1.417	4.724	1.250	1.000	G 1/8-28	2175	3.7	1.764				

R = Right hand, L = Left hand

Spare parts

Lever	Screw	Shim	Shim pin	Nozzle	Screw	Screw	Screw
174.3-847M	174.3-830	171.35-851M	174.3-861	5691 026-13	5512 104-01	3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A185



F2



E1



G1



H37



H10



H5

A

GENERAL TURNING

External tools

T-Max® P QS shank tool for turning

Lever clamp design

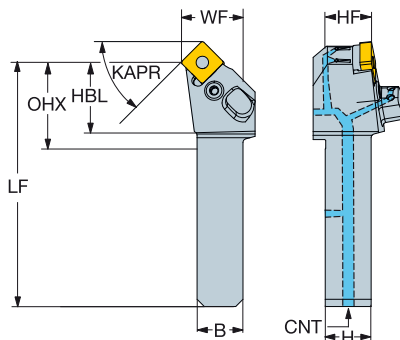
Precision coolant supply

KAPR
PSIR45.0°
45.0°

B



- SNMM
- SNMG
- SNMA, SNGA



C

Metric version

D

		Dimensions, mm																
		CZC _{MS}	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT	BAR	NM	KG	MIID		
	12	20 x 20	52.7	3	QS-PSSNR/L 2020-12C	20.0	20.0	32.7	101.7	25.0	20.0	G 1/8-28	150	5.0	0.33	SNMG 12 04 08		
		25 x 25	56.7	3	QS-PSSNR/L 2525-12C	25.0	25.0	31.7	115.7	32.0	25.0	G 1/8-28	150	5.0	0.54	SNMG 12 04 08		

E

Inch version

		Dimensions, inch																
		CZC _{MS}	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT	PSI	FT/LBS	LBS	MIID		
	1/2	3/4 x 3/4	2.018	3	QS-PSSNR/L 12 4C	.750	.750	1.268	3.984	1.000	.750	G 1/8-28	2175	3.7	0.578	SNMG 432		
		1 x 1	2.268	3	QS-PSSNR/L 16 4C	1.000	1.000	1.268	4.575	1.250	1.000	G 1/8-28	2175	3.7	1.224	SNMG 432		

F

R = Right hand, L = Left hand

Spare parts

Lever	Screw	Shim	Shim pin	Nozzle	Screw	Screw	Screw
174.3-841M	174.3-821	174.3-851M	174.3-861	5691 026-13	5512 104-01	3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



A185



F2



E1



G1



H37



H10



H5

T-Max® P tools for internal machining

B

C

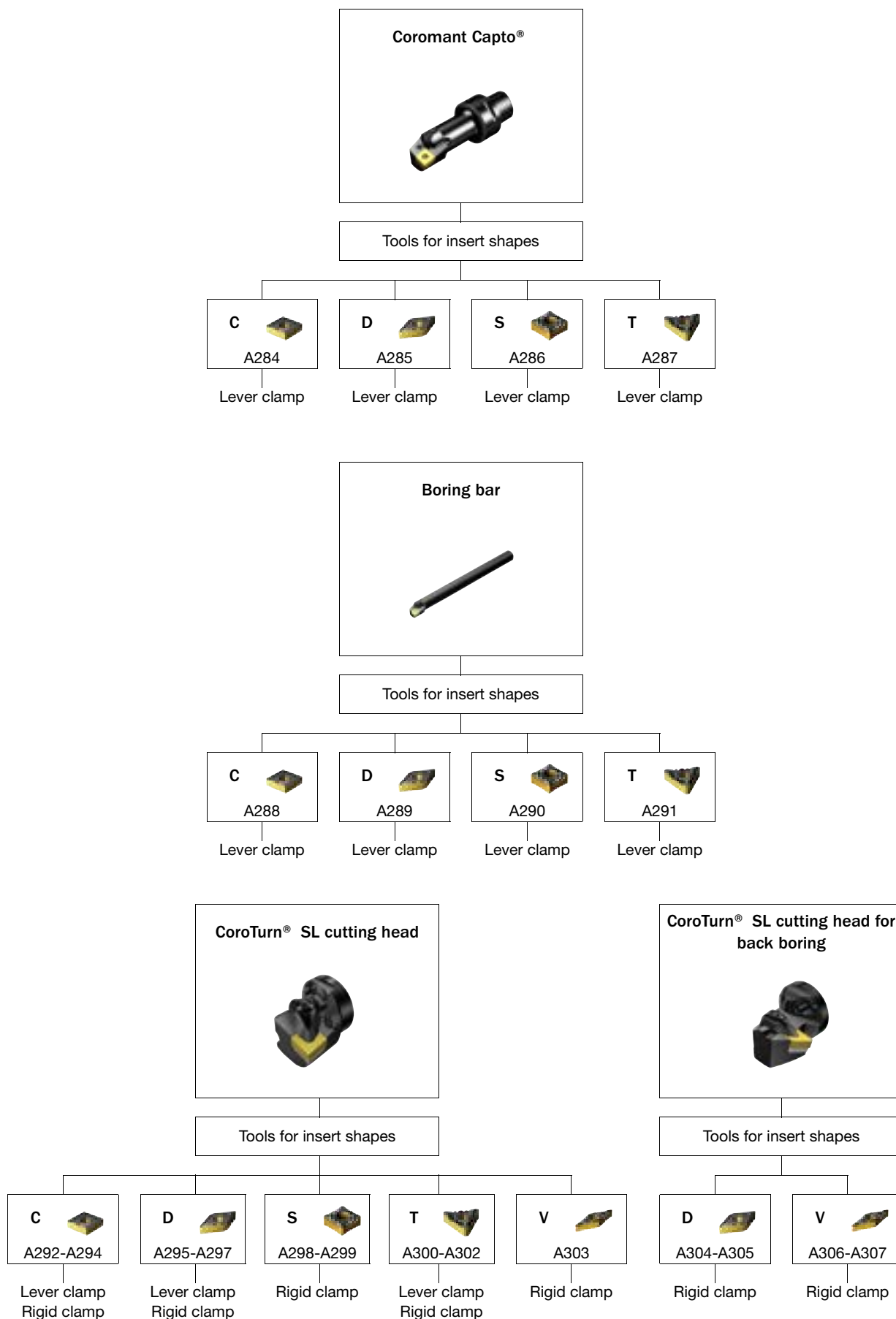
D

E

F

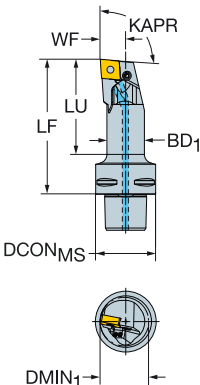
G

H



Coromant Capto® - Precision coolant supply

95.0°
-5.0°



R = Right hand, L = Left hand

	Spare parts				
Ordering code	Lever	Screw	Shim	Shim pin	Nozzle
Cx-PCLNR/L-13xxx-09HP	174.3-845-1	174.3-829			5691 026-13
Cx-PCLNR/L-17xxx-12HP	438.3-841-1	438.3-832M			5691 026-13
Cx-PCLNR/L-22xxx-12HP	174.3-848M	174.3-858	171.31-850M	174.3-861	5691 026-13
Cx-PCLNR/L-27/35xxx-12HP	174.3-841M	174.3-821	171.31-850M	174.3-861	5691 026-13
Cx-PCLNR/L-xxxxx-16HP	438.3-840	438.3-831	171.31-852	174.3-864	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com



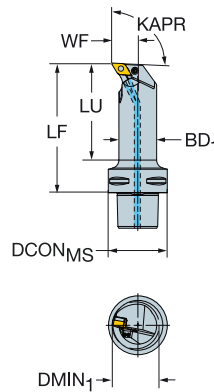
T-Max® P cutting unit for turning

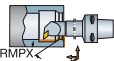
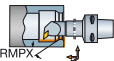
Lever clamp design

Coromant Capto® - Precision coolant supply

KAPR
PSIR93.0°
-3.0°

DNMM, DNMX
 DNMG
 DNMA, DNGA



									Dimensions, mm, inch						
			CZC _{MS}	DMIN ₁	LU	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID
	11	3/8	C3	32.0	71.8	27°	3	C3-PDUNR-17090-11HP	32	90.0	17.0	150	2.0	0.37	DNMG 11 04 08
				1.260	2.827				1.260	3.543	.669	2175			
			C4	32.0	63.4	27°	3	C4-PDUNR/L-17090-11HP	40	90.0	17.0	150	2.0	0.50	DNMG 11 04 08
				1.260	2.496				1.575	3.543	.669	2175			
			C4	40.0	86.6	27°	3	C4-PDUNR/L-22110-11HP	40	110.0	22.0	150	2.0	0.77	DNMG 11 04 08
				1.575	3.409				1.575	4.331	.866	2175			
			C5	32.0	61.3	27°	3	C5-PDUNR/L-17090-11HP	50	90.0	17.0	150	2.0	0.70	DNMG 11 04 08
				1.260	2.413				1.969	3.543	.669	2175			
			C5	40.0	82.2	27°	3	C5-PDUNR/L-22110-11HP	50	110.0	22.0	150	2.0	0.98	DNMG 11 04 08
				1.575	3.236				1.969	4.331	.866	2175			
			C6	32.0	67.5	27°	3	C6-PDUNR/L-17100-11HP	63	100.0	17.0	150	2.0	1.12	DNMG 11 04 08
				1.260	2.657				2.480	3.937	.669	2175			
	15	1/2	C4	50.0	59.0	27°	3	C4-PDUNR/L-27080-15HP	40	80.0	27.0	150	5.0	0.70	DNMG 15 06 08
				1.969	2.323				1.575	3.150	1.063	2175			
			C4	50.0	99.0	27°	3	C4-PDUNR/L-27120-15HP	40	120.0	27.0	150	5.0	1.07	DNMG 15 06 08
				1.969	3.898				1.575	4.724	1.063	2175			
			C5	50.0	115.6	27°	3	C5-PDUNR/L-27140-15HP	50	140.0	27.0	150	5.0	1.45	DNMG 15 06 08
				1.969	4.551				1.969	5.512	1.063	2175			
		C5	63.0	79.0	27°	3	C5-PDUNR/L-35100-15HP	50	100.0	35.0	150	5.0	1.43	DNMG 15 06 08	
			2.480	3.110				1.969	3.937	1.378	2175				
		C5	63.0	129.0	27°	3	C5-PDUNR/L-35150-15HP	50	150.0	35.0	150	5.0	2.15	DNMG 15 06 08	
			2.480	5.079				1.969	5.906	1.378	2175				
		C6	40.0	78.5	27°	3	C6-PDUNR/L-22110-15HP	63	110.0	22.0	150	5.0	1.33	DNMG 15 06 08	
			1.575	3.091				2.480	4.331	.866	2175				
		C6	50.0	109.5	27°	3	C6-PDUNR/L-27140-15HP	63	140.0	27.0	150	5.0	1.81	DNMG 15 06 08	
			1.969	4.311				2.480	5.512	1.063	2175				
		C6	63.0	146.7	27°	3	C6-PDUNR/L-35175-15HP	63	175.0	35.0	150	5.0	2.91	DNMG 15 06 08	
			2.480	5.776				2.480	6.890	1.378	2175				

R = Right hand, L = Left hand

Spare parts					
Ordering code	Lever	Screw	Shim	Shim pin	Nozzle
Cx-PDUNR/L-17xxx-11HP	5432 015-021	438.3-830			5691 026-13
Cx-PDUNR/L-22xxx-11HP	5432 001-01	174.3-820M	5322 255-01	174.3-860	5691 026-13
Cx-PDUNR/L-xxxxx-15HP	174.3-847M	174.3-830	171.35-851M	174.3-861	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

A185



F2



E1



G1



H37



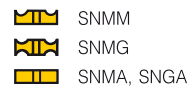
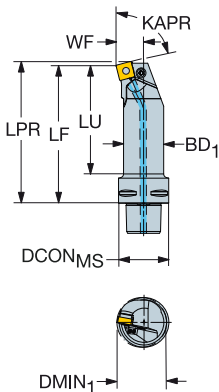
H10



H5

Coromant Capto® - Precision coolant supply

75.0°
15.0°



R = Right hand, L = Left hand

For the complete list of spare parts, visit www.sandvik.coromant.com

T-Max® P cutting unit for turning

Lever clamp design

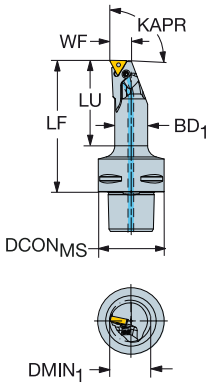
Coromant Capto® - Precision coolant supply

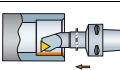
KAPR
PSIR

91.0°
-1.0°



- TNMM, TNMX
- TNMG
- TNMA, TNGA



								Dimensions, mm, inch						
			CZC _{MS}	DMIN ₁	LU	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID
	11	1/4	C4	32.0	51.9	3	C4-PTFNR/L-13080-11HP	40	80.0	13.0	150	1.2	0.41	TNMG 11 03 04
				1.260	2.043			1.575	3.150	.512	2175			

R = Right hand, L = Left hand

Spare parts		
Lever	Screw	Nozzle
174.3-846-1	174.3-829	5691 026-23

For the complete list of spare parts, visit www.sandvik.coromant.com



A185



F2



E1



G1



H37



H10



H5

T-Max® P boring bar for turning

Lever clamp design
Cylindrical with flats - Precision coolant supply

B



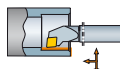
C

- CNMM
- CNMG
- CNMA, CNGA

Metric version

							Dimensions, mm												
		CZC _{MS}	DMIN _I	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	BD	LF	WF	CNT				MIID		
09	16	26.0	64.0	37.8	1	A16R-PCLNR/L09HP	16.0	15.0	16.0	200.0	11.0	G 1/8-28	275	2.0	0.28	CNMG 09 03 08			
20	25.0	80.0	34.6	1	A20S-PCLNR/L09HP	20.0	18.0	20.0	250.0	13.0	G 1/8-28	275	2.0	0.55	CNMG 09 03 08				
12	25	32.0	100.0	37.6	1	A25T-PCLNR/L12HP	25.0	23.0	25.0	300.0	17.0	G 1/8-28	275	5.0	0.97	CNMG 12 04 08			
32	40.0	128.0	38.8	1	A32T-PCLNR/L12HP	32.0	30.0	32.0	300.0	22.0	G 1/8-28	275	5.0	1.69	CNMG 12 04 08				
40	50.0	160.0	38.8	1	A40T-PCLNR/L12HP	40.0	37.0	40.0	300.0	27.0	G 1/8-28	275	5.0	2.69	CNMG 12 04 08				
19	50	63.0	200.0	45.6	1	A50U-PCLNR/L19HP	50.0	47.0	50.0	350.0	35.0	G 1/8-28	275	10.0	5.03	CNMG 19 06 12			

Inch version

							Dimensions, inch											
		CZC _{MS}	DMIN _I	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	LF	WF	CNT				MIID		
		3/8	5/8	1.063	2.500	1.488	1	A10R-PCLNR3HP	.625	.591	8.000	.406	G 1/8-28	3988	1.5	0.617	CNMG 322	
			3/4	1.000	3.000	1.362	1	A12S-PCLNR/L3HP	.750	.709	10.000	.500	G 1/8-28	3988	1.5	1.102	CNMG 322	
		1/2	1	1.201	4.000	1.480	1	A16T-PCLNR/L4HP	1.000	.906	12.000	.640	G 1/8-28	3988	3.7	2.337	CNMG 432	
			1 1/4	1.469	5.000	1.528	1	A20T-PCLNR/L4HP	1.250	1.181	12.000	.765	G 1/8-28	3988	3.7	3.792	CNMG 432	
			1 1/2	1.760	6.000	1.528	1	A24T-PCLNR/L4HP	1.500	1.457	12.000	.890	G 1/8-28	3988	3.7	5.335	CNMG 432	
		3/4	2	2.402	8.000	1.795	1	A32U-PCLNR6HP	2.000	1.850	14.000	1.281	G 1/8-28	3988	7.4	12.081	CNMG 643	

R = Right hand, L = Left hand

Metric version

		Spare parts				
	CZC _{MS}	Lever	Screw	Shim	Shim pin	Nozzle
	09	174.3-845-1	174.3-829			5691 026-13
	12	438.3-841-1	438.3-832M			5691 026-13
	12	174.3-848M	174.3-858	171.31-850M	174.3-861	5691 026-13
	19	174.3-849M	174.3-822M	171.31-851M	174.3-868	5691 026-13

Inch version

		Spare parts				
	CZC _{MS}	Lever	Screw	Shim	Shim pin	Nozzle
	3/8	174.3-845-1	174.3-829			5691 026-13
	1/2	438.3-841-1	438.3-832M			5691 026-13
	1/2	174.3-848M	174.3-858	171.31-850M	174.3-861	5691 026-13
	3/4	174.3-849M	174.3-822M	171.31-851M	174.3-868	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

H

A185
 F2
 G1
 H37
 H12
 H5

T-Max® P boring bar for turning

Lever clamp design

Cylindrical with flats - Precision coolant supply

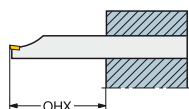


DNMM, DNMX

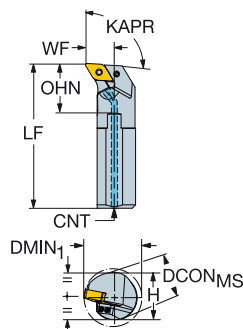
DNMG

DNMA, DNGA

KAPR
PSIR



93.0°
-3.0°



Metric version

									Dimensions, mm											
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	BD	LF	WF	CNT	BAR	NM	KG	MIID		
	11	25	32.0	27°	100.0	37.7	1	A25T-PDUNR/L11HP	25.0	23.0	25.0	300.0	17.0	G 1/8-28	275	2.0	0.95	DNMG 11 04 08		
		32	40.0	27°	128.0	36.2	1	A32T-PDUNR/L11HP	32.0	30.0	32.0	300.0	22.0	G 1/8-28	275	2.0	1.68	DNMG 11 04 08		
	15	40	50.0	27°	160.0	40.6	1	A40T-PDUNR/L15HP	40.0	37.0	40.0	300.0	27.0	G 1/8-28	275	5.0	2.67	DNMG 15 06 08		
		50	63.0	27°	200.0	40.6	1	A50U-PDUNR/L15HP	50.0	47.0	50.0	350.0	35.0	G 1/8-28	275	5.0	5.03	DNMG 15 06 08		

Inch version

									Dimensions, inch												
		CZC _{MS}	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	LF	WF	CNT				MIID				
	3/8	1	1.252	27°	4.000	1.488	1	A16T-PDUNR3HP	1.000	.906	12.000	.700	G 1/8-28	3988	1.5	2.271	DNMG 332				
		1 1/4	1.532	27°	5.000	1.425	1	A20T-PDUNR/L3HP	1.250	1.181	12.000	.890	G 1/8-28	3988	1.5	3.748	DNMG 332				
	1/2	1 1/2	1.850	27°	6.000	1.622	1	A24T-PDUNR/L4HP	1.500	1.457	12.000	1.063	G 1/8-28	3988	3.7	5.379	DNMG 432				
		2	2.500	27°	8.000	1.598	1	A32U-PDUNR/L4HP	2.000	1.850	14.000	1.375	G 1/8-28	3988	3.7	12.178	DNMG 432				

R = Right hand, L = Left hand

Metric version

		Spare parts				
	CZC _{MS}	Lever	Screw	Shim	Shim pin	Nozzle
11	25	5432 015-021	438.3-830			5691 026-13
11	32	5432 001-01	174.3-820M	5322 255-01	174.3-860	5691 026-13
15	40-50	174.3-847M	174.3-830	171.35-851M	174.3-861	5691 026-13

Inch version

		Spare parts				
	CZC _{MS}	Lever	Screw	Shim	Shim pin	Nozzle
3/8	1	5432 015-021	438.3-830			5691 026-13
3/8	1 1/4	5432 001-01	174.3-820M	5322 255-01	174.3-860	5691 026-13
1/2	1 1/2-2	174.3-847M	174.3-830	171.35-856	5554 010-11	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com



A185



F2



G1



H37



H12

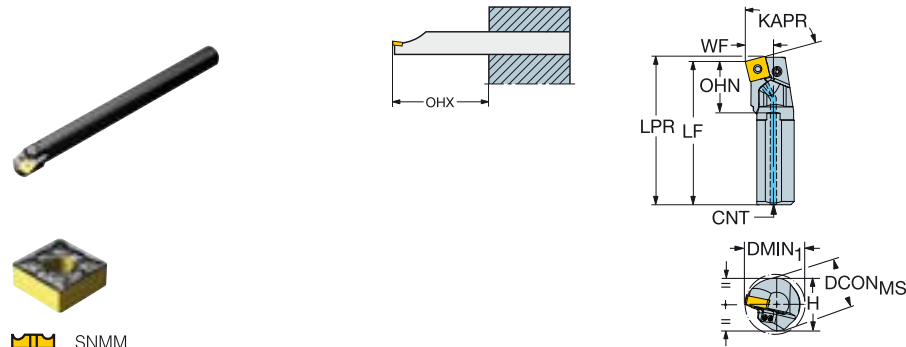


H5

T-Max® P boring bar for turning

Lever clamp design
Cylindrical with flats - Precision coolant supply

B



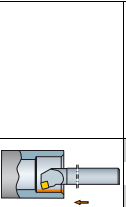
C

- SNMM
- SNMG
- SNMA, SNGA

Metric version

							Dimensions, mm											MIID
		CZC _{MS}	DMIN ₁	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	BD	LPR	LF	WF	CNT				
	12	25	32.0	100.0	35.2	1	A25T-PSKNR12HP	25.0	23.0	25.0	303.1	300.0	17.0	G 1/8-28	275	5.0	0.97	SNMG 12 04 08
		32	40.0	128.0	34.3	1	A32T-PSKNR/L12HP	32.0	30.0	32.0	303.1	300.0	22.0	G 1/8-28	275	5.0	1.71	SNMG 12 04 08
		40	50.0	160.0	34.3	1	A40T-PSKNR/L12HP	40.0	37.0	40.0	303.1	300.0	27.0	G 1/8-28	275	5.0	2.71	SNMG 12 04 08
	19	50	63.0	200.0	40.3	1	A50U-PSKNR/L19HP	50.0	47.0	50.0	354.6	350.0	35.0	G 1/8-28	275	10.0	5.34	SNMG 19 06 12

Inch version

							Dimensions, inch											
		CZC _{MS}	DMIN ₁	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	LPR	LF	WF	CNT				MIID	
	1/2	1	1.252	4.000	1.386	1	A16T-PSKNR4HP	1.000	.906	12.120	12.000	.640	G 1/8-28	3988	3.7	2.205	SNMG 432	

R = Right hand, L = Left hand

Metric version

		Spare parts						
		CZC _{MS}	Lever	Screw	Shim	Shim pin	Nozzle	
12	1/2	25	438.3-841-1	438.3-832M			5691 026-13	
12	1/2	32-40	174.3-841M	174.3-821	174.3-851M	174.3-861	5691 026-13	
19	3/4	50	174.3-849M	174.3-822M	174.3-852M	174.3-862	5691 026-13	

Inch version

		Spare parts		
	CZC _{MS}	Lever	Screw	Nozzle
1/2	1	438.3-841-1	438.3-832M	5691 026-13

For the complete list of spare parts, visit www.sandvik.coromant.com

H



T-Max® P boring bar for turning

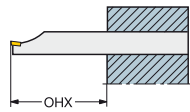
Lever clamp design

Cylindrical with flats - Precision coolant supply

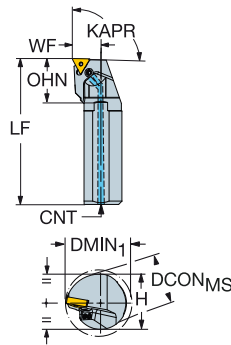


TNMM, TNMX
 TNMG
 TNMA, TNGA

KAPR
PSIR



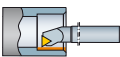
91.0°
-1.0°



Metric version

							Dimensions, mm												
		CZC _{MS}	DMIN ₁	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	BD	LF	WF	CNT				MIID		
	11	16	28.0	64.0	30.9	1	A16R-PTFNR/L11HP	16.0	15.0	16.0	200.0	11.0	G 1/8-28	275	1.2	0.29	TNMG 11 03 04		
		20	28.0	80.0	30.9	1	A20S-PTFNR11HP	20.0	18.0	20.0	250.0	13.0	G 1/8-28	275	1.2	0.54	TNMG 11 03 04		
		25	32.0	100.0	30.9	1	A25T-PTFNR11HP	25.0	23.0	25.0	300.0	17.0	G 1/8-28	275	1.2	0.96	TNMG 11 03 04		

Inch version

							Dimensions, inch										
		CZC _{MS}	DMIN ₁	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	LF	WF	CNT				MIID	
	1/4	5/8	1.063	2.500	1.272	1	A10R-PTFNR2HP	.625	.591	8.000	.406	G 1/8-28	3988	0.9	0.619	TNMG 221	
		3/4	1.063	3.000	1.217	1	A12S-PTFNL2HP	.750	.709	10.000	.500	G 1/8-28	3988	0.9	1.102	TNMG 221	

R = Right hand, L = Left hand

Metric version

Spare parts				
	CZC _{MS}	Lever	Screw	Nozzle
11	16-25	174.3-846-1	174.3-829	5691 026-23

Inch version

Spare parts				
	CZC _{MS}	Lever	Screw	Nozzle
1/4	5/8-3/4	174.3-846-1	174.3-829	5691 026-23

For the complete list of spare parts, visit www.sandvik.coromant.com



A185



F2



G1



H37



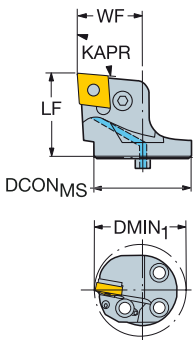
H12



H5

CoroTurn® SL - Precision coolant supply

95.0°
-5.0°



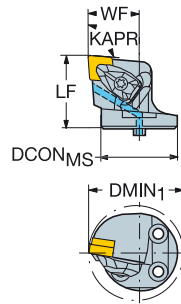
R = Right hand, L = Left hand

For the complete list of spare parts, visit www.sandvik.coromant.com

T-Max® P head for turning

Rigid clamp design

CoroTurn® SL - Internal coolant supply

KAPR
PSIR95.0°
-5.0°

CNMM
 CNMG
 CNMA, CNGA

							Dimensions, mm, inch						MID
			CZC _{MS}	DMIN ₁	CNSC	Ordering code	DCON _{MS}	LF	WF				
	12	1/2	32	40.0	1	570-DCLNR/L-32-12-L	32	38.0	22.0	10	3.9	0.17	CNMG 12 04 08
				1.575			1.260	1.496	.866	145			
			40	50.0	1	570-DCLNR/L-40-12-L	40	38.0	27.0	10	3.9	0.22	CNMG 12 04 08
				1.969			1.575	1.496	1.063	145			
	16	5/8	40	57.0	1	570-DCLNR/L-40-16-L	40	40.0	32.0	10	6.4	0.32	CNMG 16 06 12
				2.244			1.575	1.575	1.260	145			
	19	3/4	40	57.0	1	570-DCLNR/L-40-19-L	40	42.0	34.0	10	6.4	0.33	CNMG 19 06 12
				2.244			1.575	1.654	1.339	145			

R = Right hand, L = Left hand

Spare parts						
		CZC _{MS}	Shim screw	Shim	Clamp set	Locating tube
12	1/2	32-40	5513 020-02	5322 236-03	5412 028-021	5638 031-01
16	5/8	40	5513 020-07	5322 234-03	5412 028-031	5638 031-01
19	3/4	40	5513 020-07	5322 236-01	5412 028-041	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A185



F2



H37



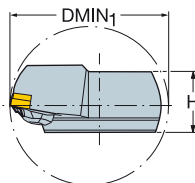
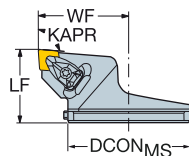
H5



H2

CoroTurn® SL Quick Change

95.0°
-5.0°



 CNMM
 CNMG
 CNMA, CNGA

R = Right hand, L = Left hand

For the complete list of spare parts, visit www.sandvik.coromant.com

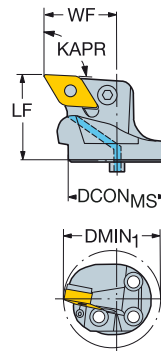
T-Max® P head for turning

Lever clamp design

CoroTurn® SL - Precision coolant supply

KAPR
PSIR93.0°
-3.0°

DNMM, DNMX
 DNMG
 DNMA, DNGA



							Dimensions, mm, inch							MIID
			CZC _{MS}	DMIN ₁	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				
	11	3/8	25	38.0	27°	1	SL-PDUNR/L-25-11HP-G	25	32.0	21.0	80	2.0	0.10	DNMG 11 04 08
				1.496				.984	1.260	.827	1160			
			32	40.0	27°	1	SL-PDUNR/L-32-11HP	32	32.0	22.0	80	2.0	0.13	DNMG 11 04 08
				1.575				1.260	1.260	.866	1160			
	15	1/2	40	56.0	27°	1	SL-PDUNR/L-40-15HP	40	36.0	30.0	80	5.0	0.24	DNMG 15 06 08
				2.205				1.575	1.417	1.181	1160			

-G indicates altered main dimensions

R = Right hand, L = Left hand

	Spare parts					
Ordering code	Lever	Screw	Shim	Shim pin	Locating tube	Nozzle
SL-PDUNR/L-25-11HP-G	5432 015-021	438.3-830			5552 058-02	5691 026-13
SL-PDUNR/L-32-11HP	5432 001-01	174.3-820M	5322 255-01	174.3-860	5638 031-01	5691 026-03
SL-PDUNR/L-40-15HP	174.3-847M	174.3-830	171.35-851M	174.3-861	5638 031-01	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

A185



F2



H37



H5



H2

T-Max® P head for turning

Rigid clamp design

CoroTurn® SL - Internal coolant supply

B



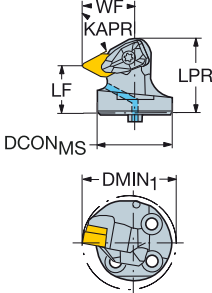

KAPR

PSIR

570-DDXNR/L

62.5°

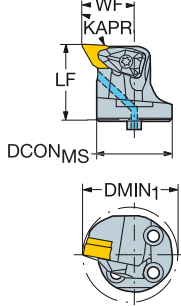
27.5°



570-DDUNR/L

93.0°

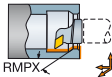
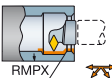
-3.0°



 DNMM, DNMX

 DNMG

 DNMA, DNGA

								Dimensions, mm, inch							
			CZC _{MS}	DMIN ₁	RMPX	CNSC	Ordering code	DCON _{MS}	LPR	LF	WF				MIID
 RMPX	11	3/8	32	40.0	27°	1	570-DDUNR/L-32-11	32		32.0	22.0	10	1.7	0.13	DNMG 11 04 08
				1.575				1.260		1.260	.866	145			
	15	1/2	40	50.0	27°	1	570-DDUNR/L-40-15	40		32.0	27.0	10	3.9	0.21	DNMG 15 06 08
				1.969				1.575		1.260	1.063	145			
 RMPX	11	3/8	32	40.0	60°	1	570-DDXNR/L-32-11	32	31.1	20.0	22.0	10	1.7	0.12	DNMG 11 04 08
				1.575				1.260	1.224	.787	.866	145			
	15	1/2	40	50.0	60°	1	570-DDXNR/L-40-15-L	40	36.0	22.0	27.0	10	3.9	0.22	DNMG 15 06 08
				1.969				1.575	1.417	.866	1.063	145			

R = Right hand, L = Left hand

Spare parts				
Ordering code	Shim screw	Shim	Clamp set	Locating tube
570-DDUNR/L-32-11	5513 020-04	5322 267-01	5412 028-011	5638 031-01
570-DDXNR/L-32-11	5513 020-04	5322 267-01	5412 028-011	5638 031-01
570-DDUNR/L-40-15	5513 020-02	5322 266-02	5412 028-021	5638 031-01
570-DDXNR/L-40-15-L	5513 020-02	5322 266-02	5412 028-021	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

H

 A185
  F2
  H37
  H5
  H2

 A 296
 

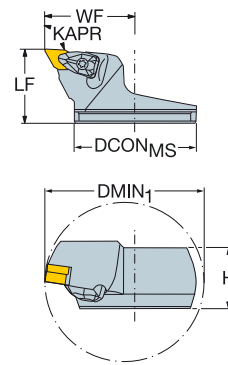
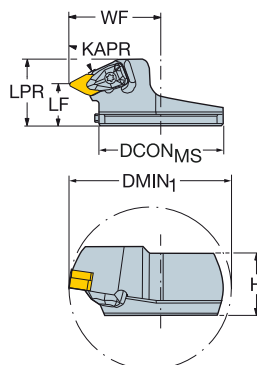
T-Max® P head for turning

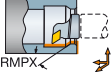
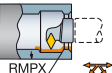
Rigid clamp design

CoroTurn® SL Quick Change

KAPR
PSIR570-DDXNR/L-80
62.5°
27.5°570-DDUNR/L-80
93.0°
-3.0°

DNMM, DNMX
 DNMG
 DNMA, DNGA



						Dimensions, mm, inch											
			CZC _{MS}	DMIN ₁	RMPX	Ordering code	DCON _{MS}	H	LPR	LF	WF			MIID			
 RMPX	15	1/2	80	100.0	27°	570-DDUNR/L-80-15	80	37.5	45.0	57.0	3.9	0.55	DNMG 15 06 08				
				3.937			3.150	1.476		1.772	2.244						
 RMPX	15	1/2	80	100.0	60°	570-DDXNR/L-80-15	80	37.5	40.3	25.0	57.0	3.9	0.50	DNMG 15 06 08			
				3.937			3.150	1.476	1.587	.984	2.244						

R = Right hand, L = Left hand

Spare parts

Shim screw	Shim	Clamp set	Adjustment screw
5513 020-02	5322 266-02	5412 028-021	5514 060-12

For the complete list of spare parts, visit www.sandvik.coromant.com

A185



F2



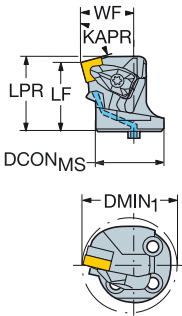
H37



H2

CoroTurn® SL - Internal coolant supply

75.0°
15.0°



- | | |
|--|------------|
|  | SNMM |
|  | SNMG |
|  | SNMA, SNGA |

R = Right hand, L = Left hand

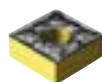
	Spare parts			
Ordering code	Shim screw	Shim	Clamp set	Locating tube
570-DSKNR/L-40-12	5513 020-02	5322 426-02	5412 028-021	5638 031-01
570-DSKNR/L-40-15	5513 020-07	5322 425-03	5412 028-031	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

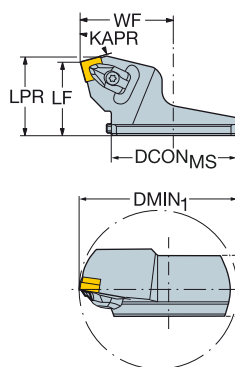
T-Max® P head for turning

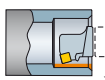
Rigid clamp design

CoroTurn® SL Quick Change

KAPR
PSIR75.0°
15.0°

 SNMM
 SNMG
 SNMA, SNGA



						Dimensions, mm, inch									
		CZC _{MS}	DMIN ₁	RMPX	Ordering code	DCON _{MS}	H	LPR	LF	WF	NM	KG	MIID		
	15 5/8	80	100.0	10°	570-DSKNR/L-80-15	80	37.5	48.1	45.0	57.0	6.4	0.60	SNMG 15 06 12		
			3.937			3.150	1.476	1.892	1.772	2.244					

R = Right hand, L = Left hand

Spare parts				
Ordering code	Shim screw	Shim	Clamp set	Adjustment screw
570-DSKNR/L-80-15	5513 020-07	5322 425-03	5412 028-031	5514 060-12

For the complete list of spare parts, visit www.sandvik.coromant.com

A185



F2



H37



H2

T-Max® P head for turning

Lever clamp design

CoroTurn® SL - Precision coolant supply

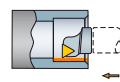
B



C

- TNMM, TNMX
- TNMG
- TNMA, TNGA

D

	 		CZC _{MS}	DMIN ₁	CNCS	Ordering code	Dimensions, mm, inch						MIID
	16	3/8	32	40.0	1	SL-PTFNR/L-32-16HP	DCON _{MS}	LF	WF				
				1.575			32	35.0	22.0	80	2.0	0.16	TNMG 16 04 08
			40	50.0	1	SL-PTFNR/L-40-16HP	1.260	1.378	.866	1160			
				1.969			40	35.0	27.0	80	2.0	0.23	TNMG 16 04 08
							1.575	1.378	1.063	1160			

R = Right hand, L = Left hand

E

Spare parts					
Lever	Screw	Shim	Shim pin	Locating tube	Nozzle
174.3-840M	174.3-820M	179.3-850M	174.3-860	5638 031-01	5691 026-03

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H

A185

F2

H37

H5

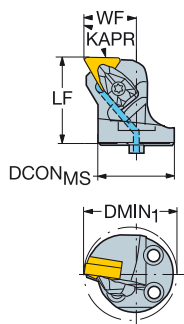
H2

A 300

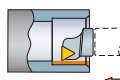
T-Max® P head for turning

Rigid clamp design

CoroTurn® SL - Internal coolant supply

KAPR
PSIR91.0°
-1.0°

 TNMM, TNMX
 TNMG
 TNMA, TNGA

							Dimensions, mm, inch						MID
			CZC _{MS}	DMIN ₁	CNSC	Ordering code	DCON _{MS}	LF	WF				
	16	3/8	32	40.0	1	570-DTFNR/L-32-16-L	32	36.0	22.0	10	1.7	0.15	TNMG 16 04 08
				1.575			1.260	1.417	.866	145			
			40	50.0	1	570-DTFNR/L-40-16-L	40	36.0	27.0	10	1.7	0.23	TNMG 16 04 08
				1.969			1.575	1.417	1.063	145			

R = Right hand, L = Left hand

Spare parts

Shim screw	Shim	Clamp set	Locating tube
5513 020-04	5322 316-01	5412 028-011	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A185



F2



H37



H5



H2

T-Max® P head for turning

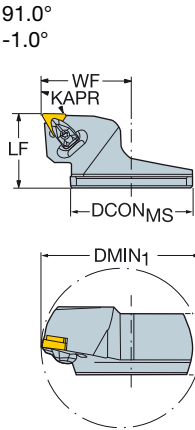
Rigid clamp design

CoroTurn® SL Quick Change

B



KAPR
PSIR

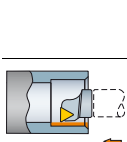


C



- TNMM, TNMX
- TNMG
- TNMA, TNGA

D



Dimensions, mm, inch										
				Ordering code						
16	3/8	80	100.0	570-DTFNR/L-80-16	80	37.5	45.0	57.0	1.7	0.60
			3.937		3.150	1.476	1.772	2.244		

R = Right hand, L = Left hand

E

Spare parts				
Ordering code	Shim screw	Shim	Clamp set	Adjustment screw
570-DTFNR/L-80-16	5513 020-04	5322 316-01	5412 028-011	5514 060-12

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H



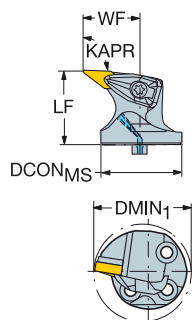
T-Max® P head for turning

Rigid clamp design

CoroTurn® SL - Internal coolant supply

KAPR
PSIR93.0°
-3.0°

VNMG



							Dimensions, mm, inch							MIID
			CZC _{MS}	DMIN ₁	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				
RMPX	16	3/8	40	52.0	25°	1	570-DVUNR/L-40-16	40	36.0	30.0	10	3.0	0.24	VNMG 16 04 08
				2.047				1.575	1.417	1.181	145			

R = Right hand, L = Left hand

Spare parts				
Ordering code	Shim screw	Shim	Clamp set	Locating tube
570-DVUNR/L-40-16	5513 020-09	5322 269-01	5412 028-061	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

A185



F2



H37



H5



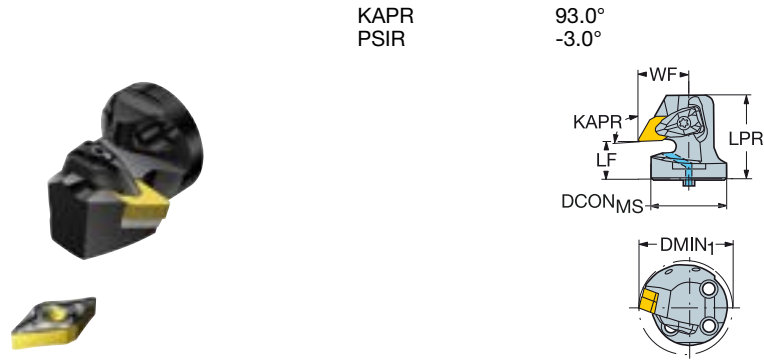
H2

T-Max® P head for back boring

Rigid clamp design

CoroTurn® SL - Internal coolant supply

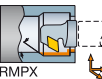
B



C

-  DNMM, DNMX
-  DNMG
-  DNMA, DNGA

D

							Dimensions, mm, inch								
			CZC _{MS}	DMIN ₁	RMPX	CNSC	Ordering code	DCON _{MS}	LPR	LF	WF				MIID
	15	1/2	40	50.0	27°	1	570-DDUNR/L-40-15X	40	44.7	20.0	27.0	10	3.9	0.28	DNMG 15 06 08
				1.969				1.575	1.760	.787	1.063	145			

R = Right hand, L = Left hand

E

Spare parts				
Ordering code	Shim screw	Shim	Clamp set	Locating tube
570-DDUNR/L-40-15X	5513 020-02	5322 266-02	5412 028-021	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H

 A185 F2 H37 H5 H2

A 304

T-Max® P head for back boring

Rigid clamp design

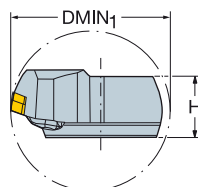
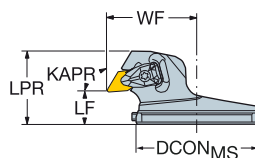
CoroTurn® SL Quick Change

KAPR
PSIR93.0°
-3.0°

DNMM, DNMX

DNMG

DNMA, DNGA



		Dimensions, mm, inch													
				CZC _{MS}	DMIN ₁	RMPX	Ordering code	DCON _{MS}	H	LPR	LF	WF			MIID
 RMPX		15	1/2	80	100.0	27°	570-DDUNR/L-80-15X	80	37.5	45.0	20.0	57.0	3.9	0.55	DNMG 15 06 08
					3.937			3.150	1.476	1.772	.787	2.244			

R = Right hand, L = Left hand

Spare parts				
Ordering code	Shim screw	Shim	Clamp set	Adjustment screw
570-DDUNR/L-80-15X	5513 020-02	5322 266-02	5412 028-021	5514 060-12

For the complete list of spare parts, visit www.sandvik.coromant.com

A185



F2



H37

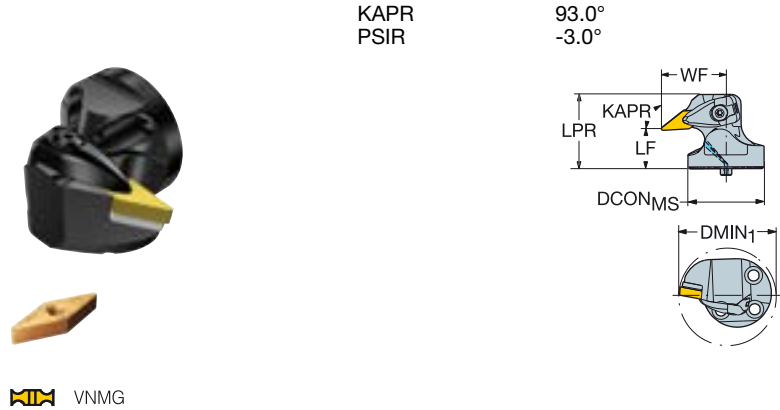


H2

T-Max® P head for back boring

Rigid clamp design
CoroTurn® SL - Internal coolant supply

B



C

								Dimensions, mm, inch							
			CZC _{MS}	DMIN ₁	RMPX	CNSC	Ordering code	DCON _{MS}	LPR	LF	WF				MIID
 RMPX	16	3/8	40	56.0	25°	1	570-DVUNR/L-40-16X	40	38.5	20.0	34.0	10	3.0	0.26	VNMG 16 04 08
				2.205				1.575	1.516	.787	1.339	145			

R = Right hand, L = Left hand

D

Spare parts				
Ordering code	Shim screw	Shim	Clamp set	Locating tube
570-DVUNR/L-40-16X	5513 020-09	5322 269-01	5412 028-061	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

E

F

G

H

 A185 F2 H37 H5 H2

A 306

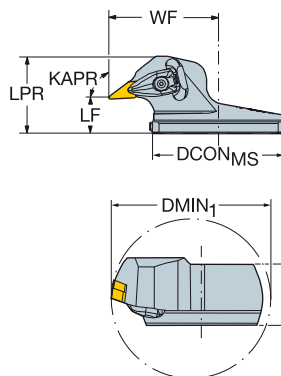
T-Max® P head for back boring

Rigid clamp design

CoroTurn® SL Quick Change

KAPR
PSIR93.0°
-3.0°

VNMG



B

C

		Dimensions, mm, inch											
					Ordering code								MIID
		16	3/8	80	570-DVUNR/L-80-16X	80	37.5	45.0	20.0	64.0	3.0	0.55	VNMG 16 04 08
				3.937		3.150	1.476	1.772	.787	2.520			
RMPX													

R = Right hand, L = Left hand

Spare parts				
Ordering code	Shim screw	Shim	Clamp set	Adjustment screw
570-DVUNR/L-80-16X	5513 020-09	5322 269-01	5412 028-061	5514 060-12

For the complete list of spare parts, visit www.sandvik.coromant.com

D

E

F

G

H



A185



F2



H37



H2

A

GENERAL TURNING

T-Max®

T-Max® and T-Max® S

For advanced material machining

B

Application

- Longitudinal turning
- Face turning
- Profiling
- Roughing to finishing

C

ISO application area:



Benefits and features

Productive solution with wiper and Xcel technologies

- Reliable and secure machining, even in roughing applications
- Double-sided inserts with strong edges
- Secure and rigid-clamping and top clamp

D



E

Clamping

- T-Max® : Rigid clamp, Top clamp
- T-Max® S: Top clamp

Tools

- Coromant Capto® cutting units
- Shank tools
- Boring bars
- CoroTurn® SL heads

F

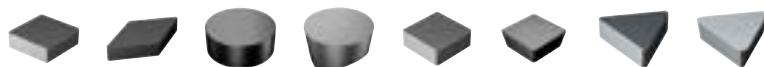
Inserts

- T-Max® and T-Max® S holders both use T-Max® inserts, without holes.

G

Advanced cutting materials

Ceramics



CN..
A309

DN..
A310

RN..
A311

RC/RP..
A312

SN..
A313

SP..
A314

TN..
A315

TP..
A315

Polycrystalline diamond (PCD)



SP..
A314

TP..
A315

H



A330



A336



H28

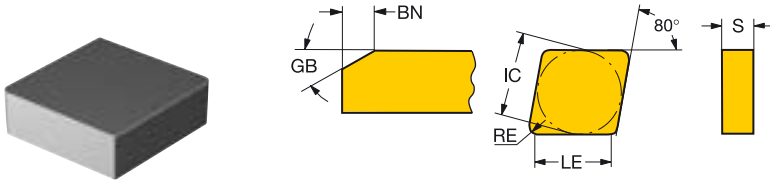
A 308



T-Max® insert for turning

C-style insert (Rhombic 80°)

Advanced cutting materials



	LE	S	RE	GB	BN	ISO CODE	K				S				H		ANSI CODE
							6190	660	7925	6060	6065	6160	660	670	660	670	
Finishing	12	1/2	12.1	4.76	0.8	20° 0.10	CNGN120408T01020	★					★	☆	★	☆	CNG432T0320
			.476	.188	.031	20° .004											
			11.7	4.76	1.2	20° 0.25	CNGN120412S02520M		★								CNG433S0820M
			.460	.188	.047	20° .010											
			11.7	4.76	1.2	20° 0.10	CNGN120412T01020						★		★		CNG433T0320
			.460	.188	.047	20° .004											
			11.7	4.76	1.2	20° 0.25	CNGN120412T02520	☆	★				★	☆	★	☆	CNG433T0820
			.460	.188	.047	20° .010											
			11.3	4.76	1.6	20° 0.25	CNGN120416S02520M			★							CNG434S0820M
			.445	.188	.063	20° .010											
			11.3	4.76	1.6	20° 0.10	CNGN120416T01020		★				★	☆	★	☆	CNG434T0320
			.445	.188	.063	20° .004											
			11.7	7.94	1.2	20° 0.25	CNGN120712T02520	☆	★				★		★		CNG453T0820
			.460	.313	.047	20° .010											
			11.3	7.94	1.6	20° 0.25	CNGN120716T02520	★									CNG454T0820
			.445	.313	.063	20° .010											
Medium	16	5/8	15.3	7.94	0.8	20° 0.10	CNGN160708T01020		★				★		★		CNG552T0320
			.603	.313	.031	20° .004											
			14.9	7.94	1.2	20° 0.10	CNGN160712T01020		★				★	☆	★	☆	CNG553T0320
			.587	.313	.047	20° .004											
	12	1/2	12.1	7.94	0.8	20° 0.10	CNGN120708T01020		★				☆	★	★	☆	CNG452T0320
			.476	.313	.031	20° .004											
Medium			11.7	7.94	1.2	20° 0.10	CNGN120712T01020		★	☆			☆	★	★	☆	CNG453T0320
			.460	.313	.047	20° .004											
			11.3	7.94	1.6	20° 0.10	CNGN120716T01020		★				☆	★	★	☆	CNG454T0320
			.445	.313	.063	20° .004											
			11.7	7.94	1.2		CNGN120712E				☆	★					CNG453A
			.460	.313	.047												



A330



A336



A348



A379



H37



H28



H6

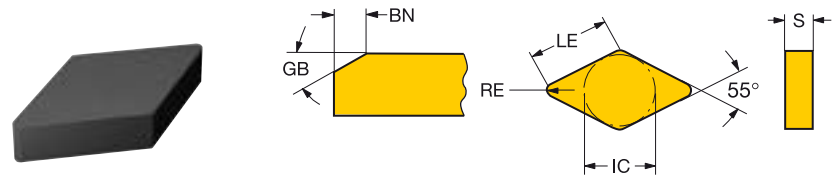


H3

T-Max® insert for turning

D-style insert (Rhombic 55°)

Advanced cutting materials



C

			LE	S	RE	GB	BN	ISO CODE				ANSI CODE
Finishing	15	1/2	14.7	4.76	0.79	20°	0.10	DNGN150408T01020	★	★	★	DNG432T0320
			.579	.188	.031	20°	.004					
			14.3	4.76	1.19	20°	0.10	DNGN150412T01020		★	★	DNG433T0320
			.563	.188	.047	20°	.004					
			14.7	7.94	0.79	20°	0.10	DNGN150708T01020	★	★	★	DNG452T0320
			.579	.313	.031	20°	.004					
			14.3	7.94	1.19	20°	0.10	DNGN150712T01020	★	★	★	DNG453T0320
			.563	.313	.047	20°	.004					
			13.9	7.94	1.59	20°	0.10	DNGN150716T01020	★	★	★	DNG454T0320
			.547	.313	.063	20°	.004					

D

E

F

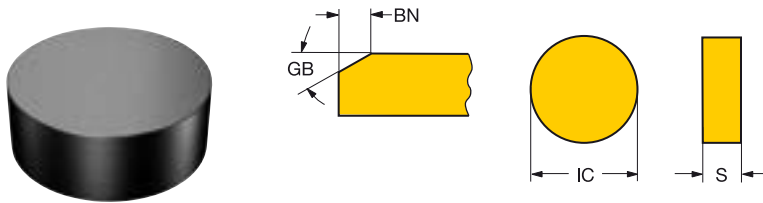
G

H

T-Max® insert for turning

R-style insert (Round)

Advanced cutting materials



			S	RE	GB	BN	ISO CODE	6190	650	K	7925	6060	6065	6160	6220	6230	650	670	H	650	670	ANSI CODE	
Finishing	06	1/4	3.18	3.0	20°	0.25	RNGN060300S02520M			★												RNG22S1020M	
			.125	.118	20°	.010																	
	09	3/8	3.18	4.8	20°	0.25	RNGN090300S02520M			★												RNG32S1020M	
			.125	.188	20°	.010																	
			3.18	4.8	20°	0.10	RNGN090300T01020	★									★	☆	★	☆		RNG32T0320	
			.125	.188	20°	.004																	
	12	1/2	3.18	6.4	20°	0.25	RNGN120300S02520M			★												RNG42S1020M	
			.125	.250	20°	.010																	
			4.76	6.4	20°	0.25	RNGN120400S02520M			★													RNG43S1020M
			.188	.250	20°	.010																	
			4.76	6.4	20°	0.10	RNGN120400T01020	★									★	☆	★	☆		RNG43T0320	
			.188	.250	20°	.004																	
			4.76	6.4	20°	0.25	RNGN120400T02520	★															RNG43T0820
			.188	.250	20°	.010																	
			7.94	6.4	15°	1.50	RNGN120700K15015	★									★		★				RNG45K6015
			.313	.250	15°	.059																	
			7.94	6.4	20°	0.25	RNGN120700T02520	☆	★								★		★				RNG45T0820
			.313	.250	20°	.010																	
			7.94	6.4	15°	1.50	RNGN120700T15015	★									★		★				RNG45T6015
			.313	.250	15°	.059																	
	15	5/8	7.94	7.9	20°	0.10	RNGN150700T01020												★		★		RNG55T0320
			.313	.313	20°	.004																	
			7.94	7.9	20°	0.25	RNGN150700T02520	★										★		★			RNG55T0820
			.313	.313	20°	.010																	
			7.94	7.9	15°	2.00	RNGN150700T20015	★									★		★				RNG55T8015
			.313	.313	15°	.079																	
19	3/4	7.94	9.5	15°	2.00	RNGN190700K20015	★									★	☆	★	☆			RNG65K8015	
		.313	.375	15°	.079																		
		7.94	9.5	15°	2.00	RNGN190700T20015	★									★		★				RNG65T8015	
		.313	.375	15°	.079																		
Medium	09	3/8	3.18	4.8			RNGN090300E					★										RNG32A	
			.125	.188																			
	12	1/2	7.94	6.4	20°	0.10	RNGN120700T01020	★			☆		☆	☆	☆	☆	☆	★	☆	★		RNG45T0320	
			.313	.250	20°	.004																	
			4.76	6.4			RNGN120400E	★			★	☆					☆		★			RNG43A	
			.188	.250																			
			7.94	6.4			RNGN120700E					☆	☆	☆	☆	☆		★		★		RNG45A	
			.313	.250																			
	19	3/4	7.94	9.5	20°	0.10	RNGN190700T01020											★		★		RNG65T0320	
		.313	.375	20°	.004																		
		7.94	9.5			RNGN190700E					★										RNG65A		
		.313	.375																				



A330



A336



A348



A379



H37



H28



H6



H3

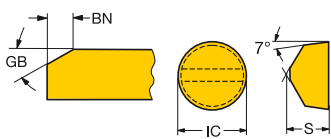
T-Max® insert for turning

R-style insert (Round)
Advanced cutting materials

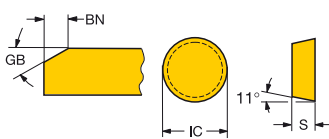
B



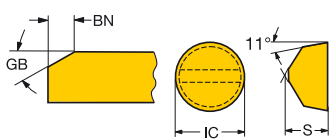
RCGX..K/T



RPGN..S/T



RPGX..S/T



C

		S	RE	GB	BN	ISO CODE	K								H		ANSI CODE
							650	6060	6065	6160	6220	6230	650	670	650	670	
Finishing	09	3/8	7.94	4.8	15°	0.70	RCGX090700T07015	★							★	★	RCGX35T3015
			.313	.188	15°	.028											
			3.18	4.8	20°	0.10	RPGN090300T01020							★		★	RPG32T0320
			.125	.188	20°	.004											
	12	1/2	7.94	6.4	15°	1.50	RCGX120700K15015	★						★		★	RCGX45K6015
			.313	.250	15°	.059											
			7.94	6.4	20°	0.25	RCGX120700T02520	★						★		★	RCGX45T0820
			.313	.250	20°	.010											
			7.94	6.4	15°	1.50	RCGX120700T15015	★						★		★	RCGX45T6015
			.313	.250	15°	.059											
	15	5/8	10.00	7.9	15°	2.00	RCGX151000T20015	★						★		★	RCGX5(6.3)T8015
			.394	.313	15°	.079											
Medium	19	3/4	10.00	9.5	15°	2.00	RCGX191000K20015	★						★		★	RCGX6(6.3)K8015
			.394	.375	15°	.079											
			10.00	9.5	15°	2.00	RCGX191000T20015	★						★		★	RCGX6(6.3)T8015
			.394	.375	15°	.079											
	06	1/4	6.35	3.2	20°	0.10	RCGX060600T01020	★				☆	☆	☆	★	☆	RCGX24T0320
			.250	.125	20°	.004											
			6.35	3.2			RCGX060600E	★	☆	☆	☆			☆	★	☆	RCGX24A
			.250	.125													
			3.18	3.2			RPGN060300E		☆		★						RPG22A
			.125	.125													
			4.76	3.2			RPGX060400E				★						RPGX23A
			.188	.125													
Medium	09	3/8	7.94	4.8	20°	0.10	RCGX090700T01020	★	☆			☆	☆	☆	★	☆	RCGX35T0320
			.313	.188	20°	.004											
			7.94	4.8	20°	0.10	RPGX090700T01020		☆			☆	☆		★	★	RPGX35T0320
			.313	.188	20°	.004											
			7.94	4.8			RCGX090700E	★	☆	☆	☆			☆	★	☆	RCGX35A
			.313	.188													
			3.18	4.8			RPGN090300E		☆		★						RPG32A
			.125	.188													
			7.94	4.8			RPGX090700E		☆		★						RPGX35A
			.313	.188													
			7.94	4.8			RCMX 09 07 00-SM				★						RCMX35-SM
			.313	.187													
Medium	12	1/2	7.94	6.4	20°	0.10	RCGX120700T01020	★	☆			☆	☆	☆	★	☆	RCGX45T0320
			.313	.250	20°	.004											
			7.94	6.4	20°	0.10	RPGX120700T01020		☆			☆	☆		★	★	RPGX45T0320
			.313	.250	20°	.004											
			7.94	6.4			RCGX120700E		☆	☆	☆				★	★	RCGX45A
			.313	.250													
			4.76	6.4			RPGN120400E		☆		★						RPG43A
			.188	.250													
			7.94	6.4			RPGX120700E		☆		★						RPGX45A
			.313	.250													

G

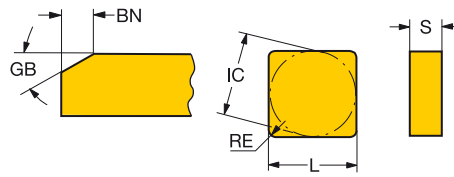
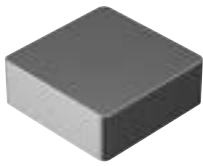
H



T-Max® insert for turning

S-style insert (Square)

Advanced cutting materials



							ISO CODE	K				S				H		ANSI CODE
								6190	660	7925	6060	6065	6160	660	670	660	670	
Finishing	09	3/8	8.7	3.18	0.8	20°	0.10	SNGN090308T01020	★					★	☆	★	☆	SNG322T0320
			.344	.125	.031	20°	.004											
			8.3	3.18	1.2	20°	0.25	SNGN090312S02520M		★								SNG323S1020M
			.328	.125	.047	20°	.010											
			8.3	3.18	1.2	20°	0.10	SNGN090312T01020	★					★		★		SNG323T0320
			.328	.125	.047	20°	.004											
	12	1/2	11.1	4.76	1.6	20°	0.10	SNGN 12 04 16T01020	★					★	☆	★	☆	SNG434T0320
			.437	.188	.063	20°	.004											
			11.9	4.76	0.8	20°	0.10	SNGN120408T01020	★					★	☆	★	☆	SNG432T0320
			.469	.188	.031	20°	.004											
			11.9	4.76	0.8	20°	0.25	SNGN120408T02520	★									SNG432T0820
			.469	.188	.031	20°	.010											
			11.5	4.76	1.2	20°	0.25	SNGN120412S02520M			★							SNG433S1020M
			.453	.188	.047	20°	.010											
			11.5	4.76	1.2	20°	0.10	SNGN120412T01020	★					★	☆	★	☆	SNG433T0320
			.453	.188	.047	20°	.004											
			11.5	4.76	1.2	20°	0.25	SNGN120412T02520	★									SNG433T0820
			.453	.188	.047	20°	.010											
			11.1	4.76	1.6	20°	0.25	SNGN120416S02520M			★							SNG434S1020M
			.437	.188	.063	20°	.010											
			11.1	4.76	1.6	20°	0.25	SNGN120416T02520	★									SNG434T0820
			.437	.188	.063	20°	.010											
			11.9	7.94	0.8	20°	0.10	SNGN120708T01020	★					★	☆	★	☆	SNG452T0320
			.469	.313	.031	20°	.004											
			11.5	7.94	1.2	20°	0.25	SNGN120712T02520	☆	★				★		★		SNG453T0820
			.453	.313	.047	20°	.010											
			11.1	7.94	1.6	15°	1.50	SNGN120716K15015	★					★		★		SNG454K6015
			.437	.313	.063	15°	.059											
			11.1	7.94	1.6	20°	0.10	SNGN120716T01020	★					★	☆	★	☆	SNG454T0320
			.437	.313	.063	20°	.004											
			11.1	7.94	1.6	20°	0.25	SNGN120716T02520	★									SNG454T0820
			.437	.313	.063	20°	.010											
			11.1	7.94	1.6	15°	1.50	SNGN120716T15015	★					★		★		SNG454T6015
			.437	.313	.063	15°	.059											
			11.5	4.76	1.2			SNGN120412E				★						SNG433A
			.453	.188	.047													
Medium	15	5/8	15.1	7.94	0.8	20°	0.10	SNGN150708T01020	★					★		★		SNG552T0320
			.594	.313	.031	20°	.004											
			14.7	7.94	1.2	20°	0.10	SNGN150712T01020							★		★	SNG553T0320
			.578	.313	.047	20°	.004											
			14.3	7.94	1.6	20°	0.10	SNGN150716T01020	★					★	☆	★	☆	SNG554T0320
			.562	.313	.063	20°	.004											
			14.3	7.94	1.6	20°	0.25	SNGN150716T02520	★									SNG554T0820
			.562	.313	.063	20°	.010											
	19	3/4	17.5	7.94	1.6	20°	0.10	SNGN190716T01020	★					★		★		SNG654T0320
			.687	.313	.063	20°	.004											
			16.7	7.94	2.4	20°	0.10	SNGN190724T01020	★					★	☆	★	☆	SNG656T0320
			.656	.313	.094	20°	.004											
	12	1/2	11.5	7.94	1.2	20°	0.10	SNGN120712T01020	★		☆			☆	★	☆	★	SNG453T0320
			.453	.313	.047	20°	.004											
			11.5	7.94	1.2			SNGN120712E			☆		★					SNG453A
			.453	.313	.047													
			11.1	7.94	1.6			SNGN120716E					★					SNG454A
			.437	.313	.063													
	19	3/4	17.4	7.94	1.6			SNGN190716E						★				SNG654A
			.687	.313	.063													
			16.7	7.94	2.4			SNGN190724E			☆		★					SNG656A
			.656	.313	.094													



A330



A336



A348



A379



H37



H28



H6

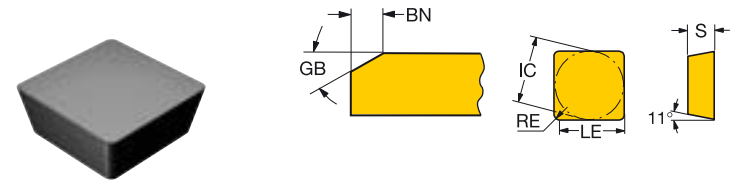


H3

T-Max® insert for turning

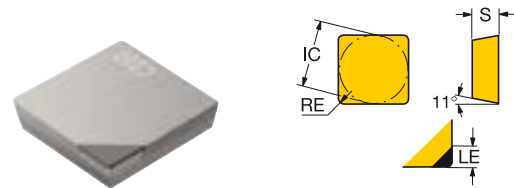
S-style insert (Square)

Advanced cutting materials



C

Finishing									K	S	H	
			LE	S	RE	GB	BN	ISO CODE	650	650	650	ANSI CODE
	12	1/2	11.9	4.76	0.8	20°	0.10	SPGN120408T01020	★	★	★	SPG432T0320
			.469	.188	.031	20°	.004					



E

Finishing			LE	S	RE	ISO CODE	N	ANSI CODE
	IC							
	12	1/2	4.6	3.18	0.4	SPUN120304FP	★	SPU421FP
			.181	.125	.016			

F

G

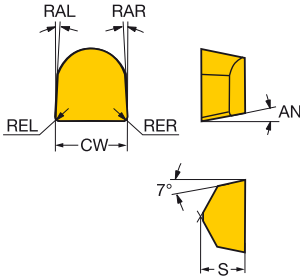
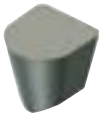
H



5

CEG

T-Max® insert for grooving



C

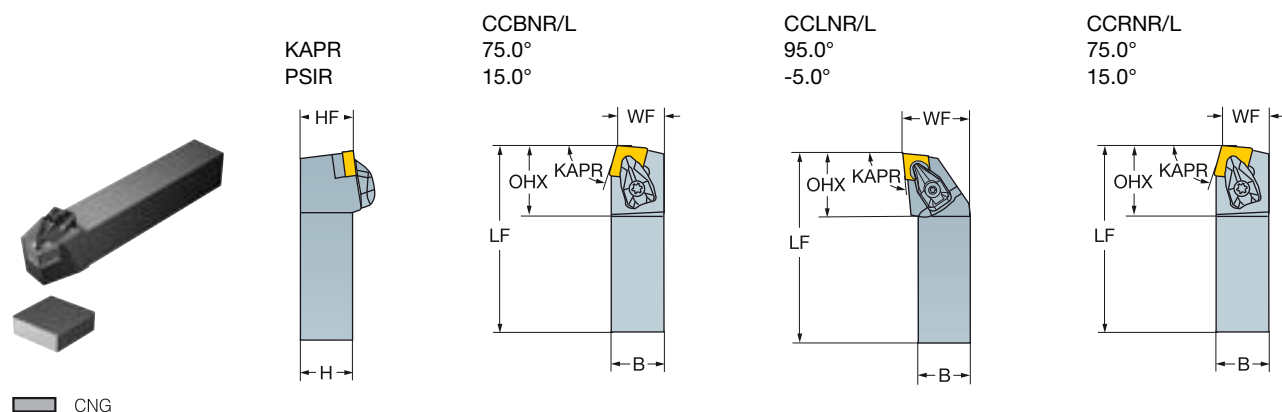
						s	Dimensions, mm, inch		
		SSC	CW	REL	RER	Ordering code	AN	CWTOLL	CWTOLU
Medium	06	6.35	0.79	0.79	CSGX060608E	★	11°	-0.025	0.025
	.250	.031	.031					-.0010	.0010
	09	9.53	0.79	0.79	CSGX090708E	★	11°	-0.025	0.025
	.375	.031	.031					-.0010	.0010
	12	12.70	0.79	0.79	CSGX120708E	★	11°	-0.025	0.025
	.500	.031	.031					-.0010	.0010

D

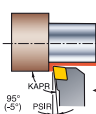
SSC = To correspond with SSC on holder.

T-Max® shank tool for turning

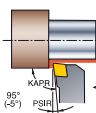
Rigid clamp design for ceramic inserts



Metric version

		Dimensions, mm											
		CZC _{MS}	OHX	Ordering code	B	H	LF	WF	HF	NM	KG	MIID	
	12	25 x 25	34.6	CCBNR/L 2525M 12-4	25.0	25.0	150.0	22.0	25.0	3.0	0.42	CNGN 12 07 08	
		32 x 25	34.6	CCBNR/L 3225P 12-4	25.0	32.0	170.0	22.0	32.0	3.0	1.02	CNGN 12 07 08	
	12	25 x 25	32.0	CCLNR/L 2525M 12-4	25.0	25.0	150.0	32.0	25.0	3.0	0.79	CNGN 12 07 08	
		32 x 25	32.0	CCLNR/L 3225P 12-4	25.0	32.0	170.0	32.0	32.0	3.0	1.12	CNGN 12 07 08	
	16	32 x 32	39.0	CCLNR/L 3232P 16-4	32.0	32.0	170.0	40.0	32.0	6.4	1.14	CNGN 16 07 12	

Inch version

		Dimensions, inch											
		CZC _{MS}	OHX	Ordering code	B	H	LF	WF	HF	FT/LBS	LBS	MIID	
	1/2	3/4 x 3/4	1.260	CCLNR/L 124B-4	.750	.750	4.500	1.000	.750	2.9	0.882	CNG 452	
		1 x 1	1.260	CCLNR/L 164D-4	1.000	1.000	6.000	1.250	1.000	2.9	1.764	CNG 452	
		1 1/4 x 1 1/4	1.260	CCLNR 204D-4	1.250	1.250	6.000	1.500	1.250	2.9	2.661	CNG 452	
		1 1/2 x 1 1/2	1.260	CCLNR/L 244D-4	1.500	1.500	6.000	2.000	1.500	2.9	3.836	CNG 452	
	1/2	1 x 1	1.350	CCRNL 164DM1-4	1.000	1.000	6.000	1.048	1.000	2.9	1.810	CNG 452	

When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered.

R = Right hand, L = Left hand

Spare parts				
		Shim	Shim screw	Clamp set
12	1/2	5322 234-02	5513 020-02	5412 034-021
16	5/8	5322 234-04	5513 020-07	5412 034-031

For the complete list of spare parts, visit www.sandvik.coromant.com



A309



F2



E1



H37



H10

A

GENERAL TURNING

External tools

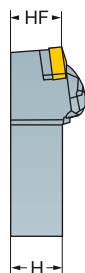
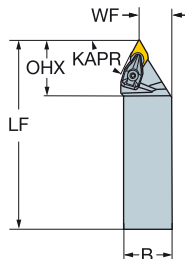
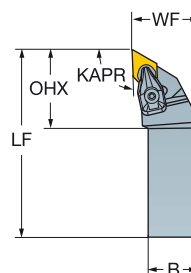
T-Max® shank tool for turning

Rigid clamp design for ceramic inserts

B



DNG

KAPR
PSIRCDNNR/L
62.5°
27.5°CDJNR/L
93.0°
-3.0°

C

Metric version

						Dimensions, mm								
		CZC _{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF			MIID	
	15	25 x 25	27°	39.4	CDJNR/L 2525M 15-4	25.0	25.0	150.0	32.0	25.0	3.9	0.62	DNGN 15 07 08	
		32 x 25	27°	39.4	CDJNR/L 3225P 15-4	25.0	32.0	170.0	32.0	32.0	3.9	1.11	DNGN 15 07 08	
		32 x 32	27°	39.4	CDJNR/L 3232P 15-4	32.0	32.0	170.0	40.0	32.0	3.9	1.36	DNGN 15 07 08	
	15	32 x 25	57°	41.2	CDNNR/L 3225P 15-4	25.0	32.0	170.0	13.0	32.0	3.9	1.05	DNGN 15 07 08	

E

Inch version

						Dimensions, inch							
		CZC _{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF			MID
 RMPX	1/2	1 x 1	27°	1.550	CDJNR/L 164D-4	1.000	1.000	6.000	1.250	1.000	2.9	1.742	DNG 452

F

When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered.

R = Right hand, L = Left hand

Spare parts

Shim	Shim screw	Clamp set
5322 266-03	5513 020-02	5412 034-021

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



A309



F2



E1



H37



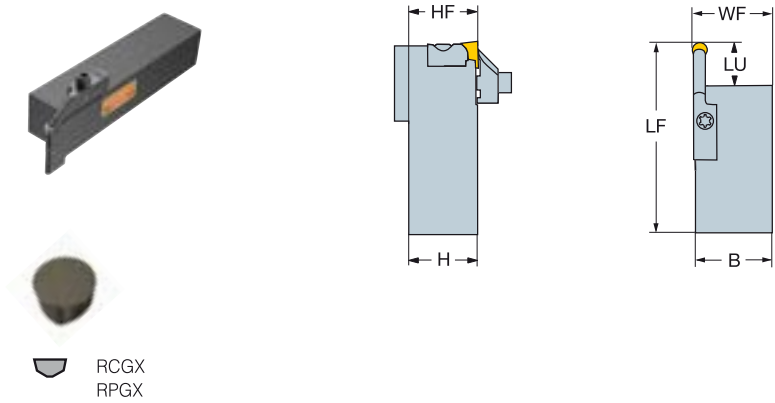
H10

A 318

SANDVIK
Coromant

T-Max® shank tool for turning

Rigid clamp design for ceramic inserts



B

C

Metric version

							Dimensions, mm							
		CZC _{MS}	LU	RMPX	OHX	Ordering code	B	H	LF	WF	HF			MIID
	06	32 x 36	19.4	90°	50.0	R/L176.9-3236-06	36.0	32.0	170.0	36.6	32.0	5.0	1.44	RCGX 06 06 00

When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered.

R = Right hand, L = Left hand

Spare parts			
Clamp	Clamping screw	Seat	Seat screw
5412 110-02	3212 036-506	5321 066-01	3212 010-157

For the complete list of spare parts, visit www.sandvik.coromant.com

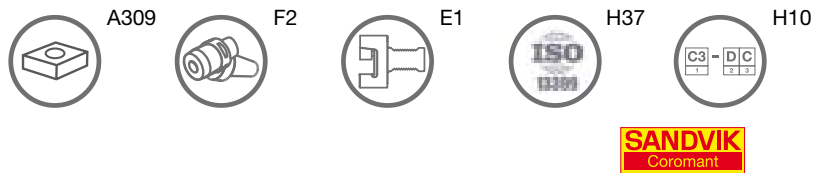
D

E

F

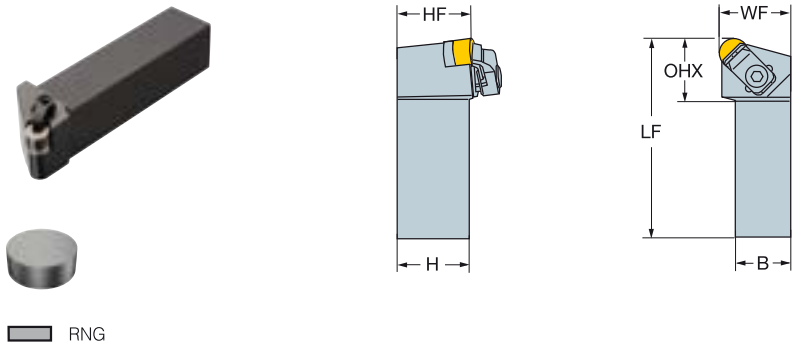
G

H



T-Max® shank tool for turning

Rigid clamp design for ceramic inserts



Inch version

						Dimensions, inch							
	IC	CZC _{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF	FT/ LBS	LBS	MIID
	1/2	1 1/4 x 1 1/4	27°	1.250	CRGNR/L 20 4D	1.250	1.250	6.000	1.500	1.250	3.7	2.601	RNG 45

When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered.

R = Right hand, L = Left hand

Spare parts			
Clamp	Clamping screw	Seat	Seat screw
5412 110-02	3212 036-506	5321 066-01	3212 010-157

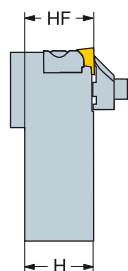
For the complete list of spare parts, visit www.sandvik.coromant.com

T-Max® shank tool for turning

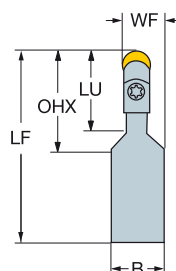
Top clamp design for ceramic inserts



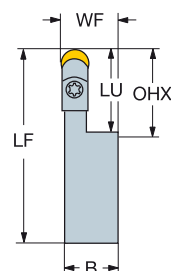
RCGX
RPGX



CRDCN



CRDCR/L



Metric version

						Dimensions, mm								
						B	H	LF	WF	HF	NM	KG	MIID	
		CZC _{MS}	LU	RMPX	OHX	Ordering code								
	06	32 x 25	19.4	90°	170.0	CRDCN 3225P 06-A								RCGX 06 06 00
	09	32 x 25	29.0	90°	29.0	CRDCN 3225P 09-A								RCGX 09 07 00
	12	32 x 25	38.5	90°	38.5	CRDCN 3225P 12-A								RCGX 12 07 00
	09	32 x 25	29.5	90°	29.5	CRDCR/L 3225P 09-A								RCGX 09 07 00
	12	32 x 25	38.5	90°	38.5	CRDCR/L 3225P 12-A								RCGX 12 07 00

N = Neutral, R = Right hand, L = Left hand

Spare parts					
	CZC _{MS}	Clamp	Clamping screw	Seat	Seat screw
06	32 x 25	5412 105-01	3212 036-504	5321 066-01	3212 010-157
09	32 x 25	5412 100-01	3212 035-452	5321 065-01	3212 106-352
12	32 x 25	5412 100-02	3212 036-504	5321 065-02	3212 105-453

For the complete list of spare parts, visit www.sandvik.coromant.com



A309



F2



E1



H37



H10

A

GENERAL TURNING

External tools

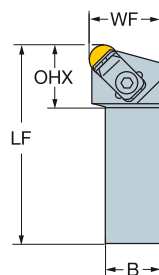
T-Max® shank tool for turning

Top clamp design for ceramic inserts

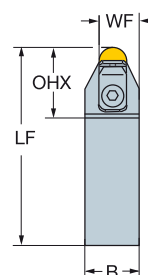
B



CRSNR/L



CRDNN

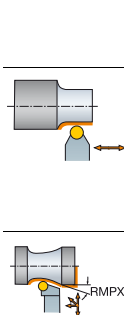


C

RNG

Metric version

D



		Dimensions, mm											
		CZC _{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF	NM	KG	MIID
	06	25 x 25	0°	29.0	CRDNN 2525M 06-ID	25.0	25.0	151.0	15.7	25.0	7.5	0.78	RNGN 06 03 00
	09	25 x 25	0°	30.0	CRDNN 2525M 09-ID	25.0	25.0	150.0	17.3	25.0	7.5	0.73	RNGN 09 03 00
	12	25 x 25	0°	32.0	CRDNN 2525M 12-ID	25.0	25.0	150.0	18.8	25.0	7.5	0.70	RNGN 12 07 00
	32	25 x 25	0°	36.4	CRDNN 3225P 1203-ID	25.0	32.0	170.0	32.0	32.0	7.5	1.06	RNGN 12 03 00
	32	25 x 25	0°	32.0	CRDNN 3225P 12-ID	25.0	32.0	170.0	18.8	32.0	7.5	1.06	RNGN 12 07 00
	15	32 x 32	0°	35.0	CRDNN 3232P 15-ID	32.0	32.0	170.0	23.9	32.0	7.5	1.30	RNGN 15 07 00
	19	32 x 32	0°	38.0	CRDNN 3232P 19-ID	32.0	32.0	170.0	25.5	32.0	7.5	1.32	RNGN 19 07 00
	06	25 x 25	0°	26.7	CRSNR/L 2525M 06-ID	25.0	25.0	151.0	32.2	25.0	7.5	0.78	RNGN 06 03 00
	09	25 x 25	12°	28.0	CRSNR/L 2525M 09-ID	25.0	25.0	150.0	32.0	25.0	7.5	0.80	RNGN 09 03 00
	12	25 x 25	12°	28.0	CRSNR/L 2525M 12-ID	25.0	25.0	150.0	32.0	25.0	7.5	0.79	RNGN 12 07 00
	32	25 x 25	0°	30.7	CRSNR/L 3225P 1203-ID	25.0	32.0	170.0	32.0	32.0	7.5	1.10	RNGN 12 03 00
	32	25 x 25	12°	28.0	CRSNR/L 3225P 12-ID	25.0	32.0	170.0	32.0	32.0	7.5	1.14	RNGN 12 07 00
	15	32 x 32	12°	30.0	CRSNR/L 3232P 15-ID	32.0	32.0	170.0	40.0	32.0	7.5	1.41	RNGN 15 07 00
	19	32 x 32	12°	32.0	CRSNR/L 3232P 19-ID	32.0	32.0	170.0	40.0	32.0	7.5	1.42	RNGN 19 07 00

When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered.

N = Neutral

F

Spare parts					
	CZC _{MS}	Clamp	Pressure plate	Shim	Shim screw
06	25 x 25	5412 125-03	5192 020-02	5322 141-06	5512 031-15
09	25 x 25	5412 127-01		5321 215-01	3212 100-206
12	25 x 25-32 x 25	5412 125-01	5192 020-01	5322 141-01	5513 013-02
15	32 x 32	5412 125-01	5192 020-01	5321 215-02	3212 100-206
19	32 x 32	5412 125-01	5192 020-01	5321 215-03	3212 100-257

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



A309



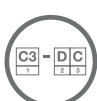
F2



E1



H37



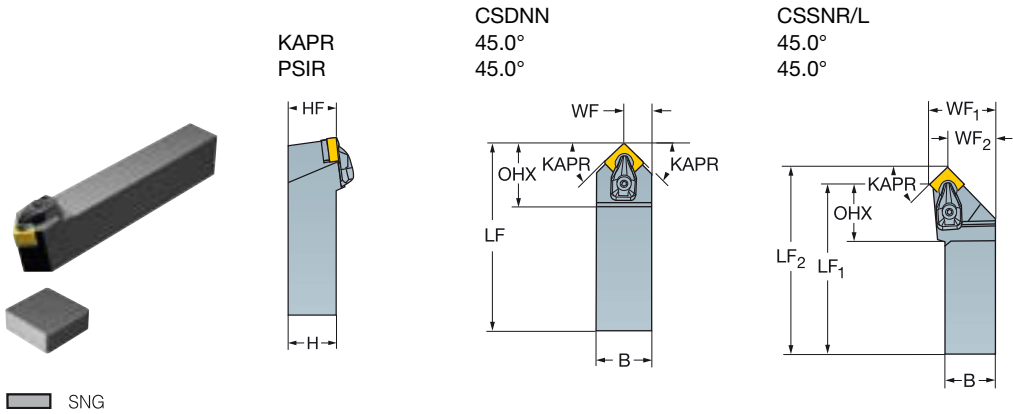
H10

A 322

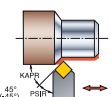
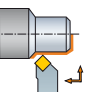


T-Max® shank tool for turning

Rigid clamp design for ceramic inserts



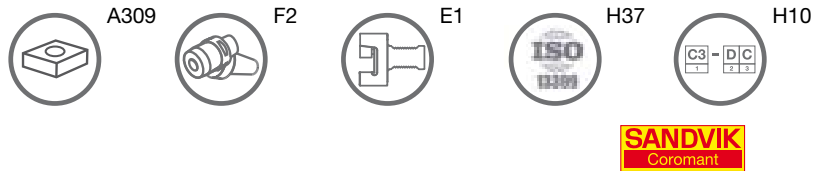
Metric version

					Ordering code	Dimensions, mm								MIID
		CZC _{MS}	RMPX	OHX		B	H	LPR	LF	WF	HF	NM	KG	
	12	25 x 25	40°	36.5	CSDNN 2525M 12-4	25.0	25.0		150.0	12.8	25.0	3.9	0.70	SNGN 12 07 08
		32 x 25	40°	36.5	CSDNN 3225P 12-4	25.0	32.0		170.0	12.8	32.0	3.9	1.07	SNGN 12 07 08
	12	25 x 25	0°	27.3	CSSNR/L 2525M 12-4	25.0	25.0	158.3	150.0	32.0	25.0	3.9	0.86	SNGN 12 07 08
		32 x 25	0°	27.4	CSSNR/L 3225P 12-4	25.0	32.0	178.3	170.0	32.0	32.0	3.9	1.06	SNGN 12 07 08

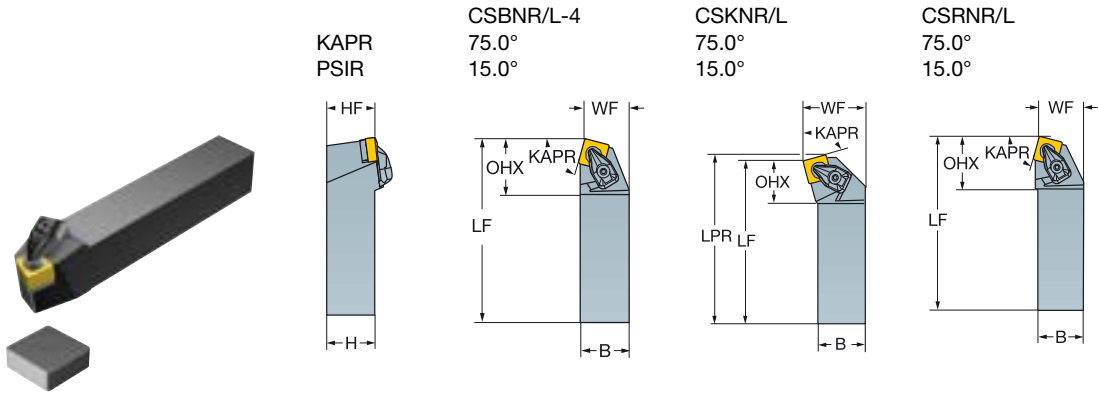
When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered. N = Neutral, R = Right hand, L = Left hand

Spare parts		
Shim	Shim screw	Clamp set
5322 425-02	5513 020-02	5412 034-021

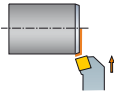
For the complete list of spare parts, visit www.sandvik.coromant.com



T-Max® shank tool for turning
Rigid clamp design for ceramic inserts



Metric version

		CZC _{MS}	RMPX	OHX	Ordering code	Dimensions, mm								MID
						B	H	LPR	LF	WF	HF	NM	KG	
	12	25 x 25	10°	34.3	CSBNR/L 2525M 12-4	25.0	25.0		150.0	22.0	25.0	3.9	0.70	SNGN 12 07 08
	12	25 x 25	10°	23.6	CSKNR/L 2525M 12-4	25.0	25.0	153.1	150.0	32.0	25.0	3.9	0.80	SNGN 12 07 08
	12	25 x 25	10°	34.3	CSRNR/L 2525M 12-4	25.0	25.0		150.0	27.0	25.0	3.9	0.72	SNGN 12 07 08
		32 x 25	10°	34.3	CSRNR/L 3225P 12-4	25.0	32.0		170.0	27.0	32.0	3.9	1.10	SNGN 12 07 08
	15	32 x 25	10°	41.7	CSRNR/L 3225P 15-4	25.0	32.0		170.0	27.0	32.0	6.4	1.17	SNGN 15 07 12
	19	32 x 32	10°	40.0	CSRNR/L 3232P 19-IC	32.0	32.0		170.0	35.0	32.0	7.5	1.42	SNGN 19 07 12
	09	25 x 25	10°	32.0	CSRNR 2525M 09-ID	25.0	25.0		150.0	27.0	25.0	5.0	0.77	SNGN 09 03 08

When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered. N = Neutral, R = Right hand, L = Left hand

		Spare parts		
	CZC _{MS}	Shim	Shim screw	Clamp set
		5322 425-02	5513 020-02	5412 034-021
12	25 x 25-32 x 25	5322 425-05	5513 020-07	5412 034-031
15	32 x 25			

For the complete list of spare parts, visit www.sandvik.coromant.com

A309

F2

E1

H37

H10

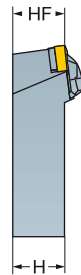
A 324

T-Max® shank tool for turning

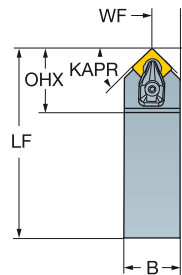
Rigid clamp design for ceramic inserts



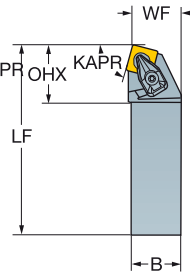
KAPR
PSIR



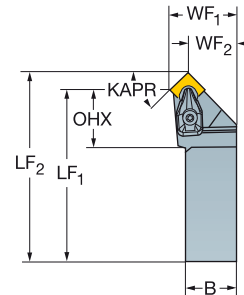
CSDNN
45.0°
45.0°



CSRNR/L
75.0°
15.0°

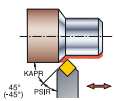
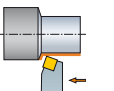
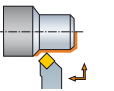


CSSNR/L
45.0°
45.0°



■ SNG

Inch version

						Dimensions, inch								
	IC	CZC _{MS}	RMPX	OHX	Ordering code	B	H	LPR	LF	WF	HF			MIID
	1/2	1 x 1	40°	1.450	CSDNN 164D-4	1.000	1.000		6.000	.512	1.000	2.9	1.745	SNG 452
	1/2	1 1/4 x 1 1/4	10°	1.350	CSRNR/L 204DM1-4	1.250	1.250		6.000	1.292	1.250	2.9	2.822	SNG 452
	1/2	1 x 1	0°	1.075	CSSNR 164D-4	1.000	1.000	6.328	6.000	1.250	1.000	2.9	1.835	SNG 452

When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered.

N = Neutral, R = Right hand, L = Left hand

Spare parts				
IC	CZC _{MS}	Shim	Shim screw	Clamp set
1/2	1 x 1-1 1/4 x 1 1/4	5322 425-02	5513 020-02	5412 034-021

For the complete list of spare parts, visit www.sandvik.coromant.com



A309



F2



E1



H37

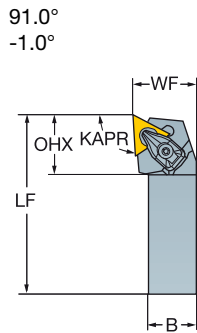
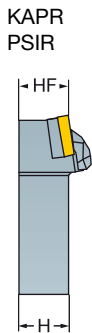


H10

T-Max® shank tool for turning

Rigid clamp design for ceramic inserts

B



C

TNG

Metric version

D

					Dimensions, mm								
		CZC _{MS}	OHX	Ordering code	B	H	LF	WF	HF	NM	KG	MIID	
	16	25 x 25	20.0	CTGNR/L 2525M 16-ID	25.0	25.0	150.0	32.0	25.0	7.5	0.80	TNGN 16 07 08	

When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered. R = Right hand, L = Left hand

E

			Spare parts			
		CZC _{MS}	Clamp	Pressure plate	Shim	Shim screw
16	3/8	25 x 25	5412 125-01	5192 020-01	5322 329-01	5513 013-01

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H

A309F2E1H37H10

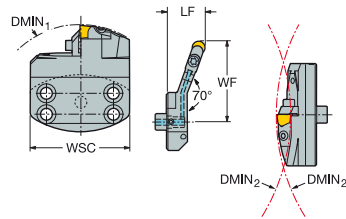
A 326

T-Max® head for turning

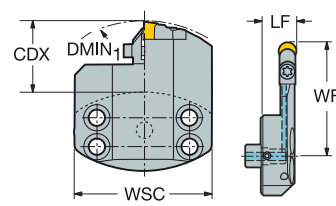
Top clamp design for ceramic inserts

CoroTurn® SL70 – Internal coolant supply

SL70-CRSCR/L



SL70-CRDCR/L



RCGX
RPGX

												Dimensions, mm, inch						
		CZC _{MS}	CDX	DMIN ₁	DMIN ₂	DAXIN	APMX	RMPX	CNSC	Ordering code	LF	WF	WSC				MIID	
	09	70	18.0	125.0	251.0				1	SL70-CRDCR/L-18-09V	18.0	39.0	70.0	30	7.5	0.32	RCGX 09 07 00	
			.709	4.921	9.880						.709	1.535	2.756	435				
	70	35.0	125.0	251.0	251.0				1	SL70-CRDCR/L-35-09V	18.0	56.0	70.0	30	7.5	0.38	RCGX 09 07 00	
			1.378	4.921	9.880						.709	2.205	2.756	435				
	70	50.0	125.0	481.0	481.0				1	SL70-CRDCR/L-50-09V	16.5	71.0	70.0	30	7.5	0.42	RCGX 09 07 00	
			1.969	4.921	18.935						.650	2.795	2.756	435				
	12	70	35.0	180.0	244.6				1	SL70-CRDCR/L-35-12V	18.0	56.0	70.0	30	7.5	0.40	RCGX 12 07 00	
			1.378	7.087	9.630						.709	2.205	2.756	435				
	70	50.0	180.0	244.6					1	SL70-CRDCR/L-50-12V	18.0	71.0	70.0	30	7.5	0.48	RCGX 12 07 00	
			1.969	7.087	9.630						.709	2.795	2.756	435				
	70	75.0	180.0	294.6					1	SL70-CRDCR/L-75-12V	18.0	96.0	70.0	30	7.5	0.60	RCGX 12 07 00	
			2.953	7.087	11.598						.709	3.780	2.756	435				
	09	70	130.0	270.0	4.0	70°			1	SL70-CRSCR/L-35-09V	26.7	55.0	70.0	30		0.37	RCGX 09 07 00	
			5.118	10.630	.157						1.051	2.165	2.756	435				

R = Right hand, L = Left hand

Spare parts					
Ordering code	Clamp	Clamping screw	Seat	Seat screw	Guide bush
SL70-CRDCR/L-18-09V	5412 101-01	3212 035-452	5321 067-01	5512 031-08	5552 058-04
SL70-CRDCR/L-35-09V	5412 101-01	3212 035-452	5321 067-01	5512 031-08	5552 058-04
SL70-CRDCR/L-50-09V	5412 101-01	3212 035-452	5321 067-01	5512 031-08	5552 058-04
SL70-CRSCR/L-35-09V	5412 101-01	3212 035-452	5321 067-01	5512 031-08	5552 058-04
SL70-CRDCR/L-35-12V	5412 101-02	3212 106-504	5321 067-02	3212 105-453	5552 058-04
SL70-CRDCR/L-50-12V	5412 101-02	3212 106-504	5321 067-02	3212 105-453	5552 058-04
SL70-CRDCR/L-75-12V	5412 101-02	3212 106-504	5321 067-02	3212 105-453	5552 058-04

For the complete list of spare parts, visit www.sandvik.coromant.com



A309



F2



H37



H5



H2

T-Max® S shank tool for turning

Top clamp design

B



C



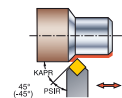
SPU

Metric version

D



E



F



G

H

A309

F2

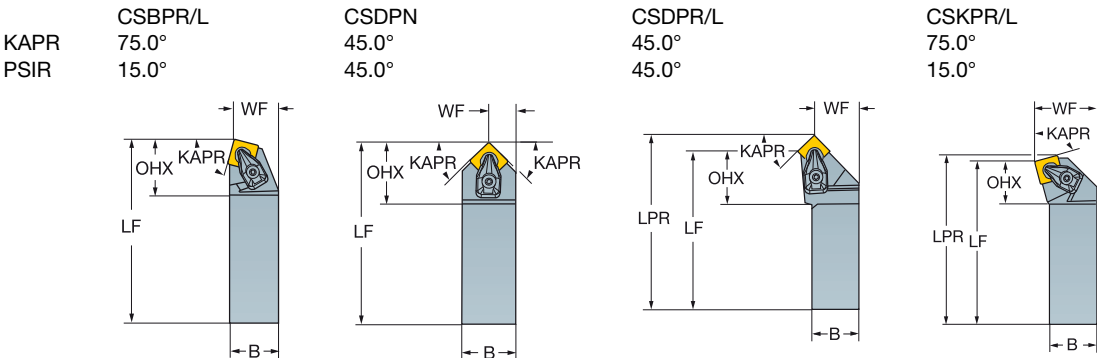
E1

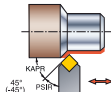
H37

H10

A 328





					Ordering code	Dimensions, mm								MIID
	12	CZC _{MS}	RMPX	OHX		B	H	LPR	LF	WF	HF	NM	KG	
	12	20 x 20	10°	30.1	CSBPL 2020K 12	20.0	20.0		125.0	17.0	20.0	5.0	0.40	SPUN 12 03 08
		25 x 25	10°	30.1	CSBPR/L 2525M 12	25.0	25.0		150.0	22.0	25.0	5.0	0.73	SPUN 12 03 08
	12	20 x 20	40°	29.0	CSDPN 2020K 12	20.0	20.0		125.0	10.3	20.0	5.0	0.39	SPUN 12 03 08
		25 x 25	40°	29.0	CSDPN 2525M 12	25.0	25.0		150.0	12.8	25.0	5.0	0.72	SPUN 12 03 08
	12	20 x 20	0°	18.7	CSDPR 2020K 12	20.0	20.0	125.0	116.7	22.0	20.0	5.0	0.35	SPUN 12 03 08
		25 x 25	0°	18.7	CSDPR/L 2525M 12	25.0	25.0	150.0	141.7	27.0	25.0	5.0	0.72	SPUN 12 03 08
	12	25 x 25	10°	22.4	CSKPR 2525M 12	25.0	25.0	153.1	150.0	32.0	25.0	5.0	0.75	SPUN 12 03 08

N = Neutral, R = Right hand, L = Left hand

T-Max® S shank tool for turning

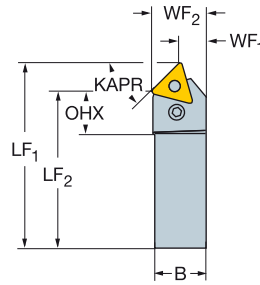
Top clamp design



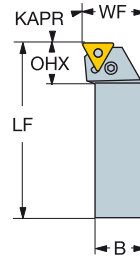
TPU

KAPR
PSIR

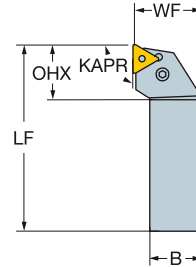
CTDPR/L
45.0°
45.0°



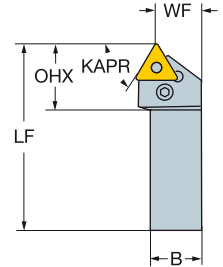
CTFPR/L
91.0°
-1.0°



CTGPR/L
91.0°
-1.0°



CTTPR/L
60.0°
30.0°



Metric version

		Dimensions, mm										MIID
		CZC _{MS}	RMPX	OHX	Ordering code	B	H	LPR	LF	WF	HF	
	16	20 x 20	35°	30.2	CTDPR 2020K 16	20.0	20.0	125.0	125.0	11.8	20.0	TPUN 16 03 08
		25 x 25	35°	22.9	CTDPR/L 2525M 16	25.0	25.0	150.0	150.0	16.8	25.0	TPUN 16 03 08
	11	20 x 20	0°	18.5	CTFPR 2020K 11	20.0	20.0	125.0	25.0	20.0	3.5	TPUN 11 03 04
		20 x 20	0°	20.0	CTFPR/L 2020K 16	20.0	20.0	125.0	25.0	20.0	5.0	TPUN 16 03 08
		25 x 25	0°	20.0	CTFPR/L 2525M 16	25.0	25.0	150.0	32.0	25.0	5.0	TPUN 16 03 08
	11	20 x 20	0°	21.0	CTGPR/L 2020K 11	20.0	20.0	125.0	25.0	20.0	3.5	TPUN 11 03 04
		25 x 25	0°	22.0	CTGPR/L 2525M 11-ID	25.0	25.0	150.0	32.0	25.0	3.5	TPGN 11 03 04
	16	20 x 20	0°	25.1	CTGPR/L 2020K 16	20.0	20.0	125.0	25.0	20.0	5.0	TPUN 16 03 08
		25 x 25	0°	25.1	CTGPR/L 2525M 16	25.0	25.0	150.0	32.0	25.0	5.0	TPUN 16 03 08
	16	20 x 20	30°	30.2	CTTPR/L 2020K 16	20.0	20.0	125.0	17.0	20.0	5.0	TPUN 16 03 08
		25 x 25	30°	39.6	CTTPR/L 2525M 16	25.0	25.0	150.0	22.0	25.0	5.0	TPUN 16 03 08

Inch version

		Dimensions, inch										MIID
		CZC _{MS}	RMPX	OHX	Ordering code	B	H	LF	WF	HF	FT/LBS	
	3/8	3/4 x 3/4	1.200		CTGPR/L 12 3B	.750	.750	4.500	1.125	.750	3.7	TPU 322
		1 x 1	.800		CTGPR/L 16 3D	1.000	1.000	6.000	1.250	1.000	3.7	TPU 322

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand



A309



F2



E1

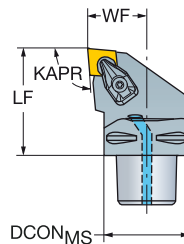


H37



H10

Coromant Capto® - Internal coolant supply

 CNG

R = Right hand, L = Left hand

		Spare parts				
		CZC _{MS}	Shim	Shim screw	Clamp set	Nozzle
12	1/2	C4-C6	5322 234-02	5513 020-02	5412 034-021	5691 045-01
16	5/8	C5-C6	5322 234-04	5513 020-07	5412 034-031	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com



T-Max® cutting unit for turning

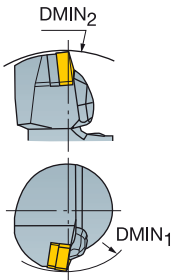
Rigid clamp design for ceramic inserts

Coromant Capto® - Internal coolant supply

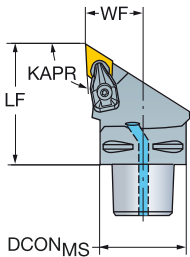


 DNG

KAPR
PSIR



93.0°
-3.0°



									Dimensions, mm, inch						
			CZC _{MS}	DMIN ₁	DMIN ₂	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID
	15	1/2	C5	110.0	165.0	27°	3	C5-CDJNR/L-35060-15-4	50	60.0	35.0	10	3.9	0.73	DNGN 15 07 08
				4.331	6.496				1.969	2.362	1.378	145			
			C6	110.0	190.0	27°	3	C6-CDJNR/L-45065-15-4	63	65.0	45.0	10	3.9	1.20	DNGN 15 07 08
			4.331	7.480					2.480	2.559	1.772	145			

R = Right hand, L = Left hand

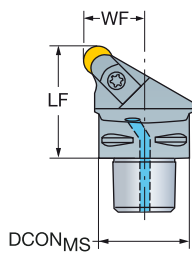
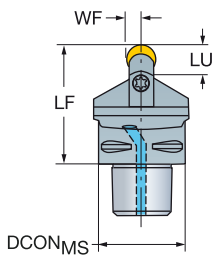
When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered.

Spare parts			
Shim	Shim screw	Clamp set	Nozzle
5322 266-03	5513 020-02	5412 034-021	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com



Coromant Capto® - Internal coolant supply



								Dimensions, mm, inch						
			CZC _{MS}	LU	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID
	09	3/8	C5	29.0	90°	3	C5-CRDCN-00060-09AV	50	60.0	4.8	10	7.5	0.58	RCGX 09 07 00
				1.142				1.969	2.362	.188	145			
	12	1/2	C5	38.0	90°	3	C5-CRDCN-00060-12AV	50	60.0	6.4	10	7.5	0.60	RCGX 12 07 00
				1.496				1.969	2.362	.250	145			
	09	3/8	C5		12°	3	C5-CRSCR/L-35060-09V	50	60.0	35.0	10	7.5	0.70	RCGX 09 07 00
								1.969	2.362	1.378	145			
	12	1/2	C5		12°	3	C5-CRSCR/L-35060-12V	50	60.0	35.0	10	7.5	0.78	RCGX 12 07 00
								1.969	2.362	1.378	145			

N = Neutral, R = Right hand, L = Left hand

			Spare parts				
		CZC _{MS}	Clamp	Clamping screw	Seat	Seat screw	Nozzle
09	3/8	C5	5412 100-01	3212 035-452	5321 065-01	3212 106-352	5691 029-02
12	1/2	C5	5412 100-02	3212 036-504	5321 065-02	3212 105-453	5691 029-02

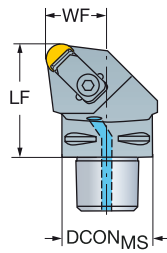
For the complete list of spare parts, visit www.sandvik.coromant.com



T-Max® cutting unit for turning

Top clamp design for ceramic inserts

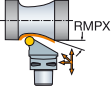
Coromant Capto® - Internal coolant supply



■ RNGA
■ RNGN

B

C

						Dimensions, mm, inch							MIID
			CZC _{MS}	RMPX	CNSC	Ordering code	DCON _{MS}	LF	WF				
	09	3/8	C3	7°	3	C3-CRSNR/L-22040-09ID	32	40.0	22.0	10	7.5	0.26	RNGN 09 03 00
			C4	0°	3	C4-CRSNR/L-27050-09ID	1.260	1.575	.866	145			RNGN 09 03 00
			C5	0°	3	C5-CRSNR/L-35060-09ID	1.575	1.969	1.063	145			RNGN 09 03 00
			C6	0°	3	C6-CRSNR/L-45065-09ID	1.969	2.362	1.378	145			RNGN 09 03 00
							63	65.0	45.0	10	7.5	1.31	RNGN 09 03 00
							2.480	2.559	1.772	145			RNGN 09 03 00
	12	1/2	C4	0°	3	C4-CRSNR/L27050-1203ID	40	50.0	27.0	10	7.5	0.45	RNGN 12 03 00
			C4	7°	3	C4-CRSNR/L-27050-12ID	1.575	1.969	1.063	145			RNGN 12 07 00
			C5	0°	3	C5-CRSNR/L35060-1203ID	40	50.0	27.0	10	7.5	0.49	RNGN 12 07 00
			C5	7°	3	C5-CRSNR/L-35060-12ID	1.575	1.969	1.063	145			RNGN 12 03 00
			C6	0°	3	C6-CRSNR/L45065-1203ID	50	60.0	35.0	10	7.5	0.79	RNGN 12 03 00
			C6	7°	3	C6-CRSNR/L-45065-12ID	1.969	2.362	1.378	145			RNGN 12 07 00
							63	65.0	45.0	10	7.5	1.32	RNGN 12 03 00
							2.480	2.559	1.772	145			RNGN 12 03 00
							63	65.0	45.0	10	7.5	1.56	RNGN 12 07 00
							2.480	2.559	1.772	145			RNGN 12 07 00

R = Right hand, L = Left hand

Spare parts						
		CZC _{MS}	Clamp	Pressure plate	Shim	Nozzle
09	3/8	C3	5412 127-01		5321 215-01	3212 100-206
09	3/8	C4-C6	5412 125-04	5192 020-03	5322 141-07	5512 031-16
12	1/2	C4	5412 125-01	5192 020-01	5322 141-01	5513 013-02
12	1/2	C5-C6	5412 125-01	5192 020-01	5322 141-01	5513 013-02

For the complete list of spare parts, visit www.sandvik.coromant.com

D

E

F

G

H



A309



F2



E1



G1



H37



H10



H5

T-Max® cutting unit for turning

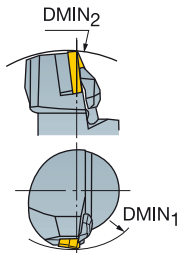
Rigid clamp design for ceramic inserts
Coromant Capto® - Internal coolant supply

B

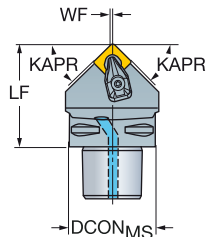


SNG

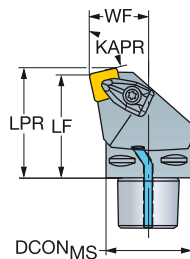
KAPR
PSIR



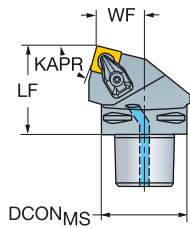
Cx-CSDNN
45.0°
45.0°



Cx-CSKNR/L
75.0°
15.0°

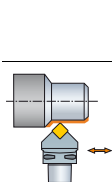


Cx-CSRNR/L
75.0°
15.0°



C

D



								Dimensions, mm, inch							
		CZC _{MS}	DMIN ₁	DMIN ₂	RMPX	CNSC	Ordering code	DCON _{MS}	LPR	LF	WF				MIID
	12	1/2	C4		40°	3	C4-CSDNN-00050-12-4	40		50.0	0.3	10	3.9	0.34	SNGN 12 07 08
								1.575		1.969	.012	145			
			C5		40°	3	C5-CSDNN-00060-12-4	50		60.0	0.3	10	3.9	0.62	SNGN 12 07 08
								1.969		2.362	.012	145			
	15	5/8	C5		40°	3	C5-CSDNN-00060-15-4	50		60.0	0.5	10	6.4	0.72	SNGN 15 07 12
								1.969		2.362	.020	145			
			C6		40°	3	C6-CSDNN-00065-15-4	63		65.0	0.5	10	6.4	1.22	SNGN 15 07 12
								2.480		2.559	.020	145			
	12	1/2	C5	110.0	10°	3	C5-CSKNR/L-35060-12-4	50	63.1	60.0	35.0	10	3.9	0.86	SNGN 12 07 08
				4.331				1.969	2.482	2.362	1.378	145			
			C6	110.0	10°	3	C6-CSKNR/L-45065-12-4	63	68.1	65.0	45.0	10	3.9	1.38	SNGN 12 07 08
				4.331				2.480	2.679	2.559	1.772	145			
	12	1/2	C4	140.0	10°	3	C4-CSRNR/L-22050-12-4	40		50.0	22.0	10	3.9	0.43	SNGN 12 07 08
				5.512				1.575		1.969	.866	145			
			C5	165.0	10°	3	C5-CSRNR/L-27060-12-4	50		60.0	27.0	10	3.9	0.73	SNGN 12 07 08
				6.496				1.969		2.362	1.063	145			
			C6	190.0	10°	3	C6-CSRNR/L-35065-12-4	63		65.0	35.0	10	3.9	1.25	SNGN 12 07 08
				7.480				2.480		2.559	1.378	145			

F

When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered.

R = Right hand, L = Left hand

Spare parts						
		CZC _{MS}	Shim	Shim screw	Clamp set	Nozzle
12	1/2	C4-C6	5322 425-02	5513 020-02	5412 034-021	5691 045-01
15	5/8	C5-C6	5322 425-05	5513 020-07	5412 034-031	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

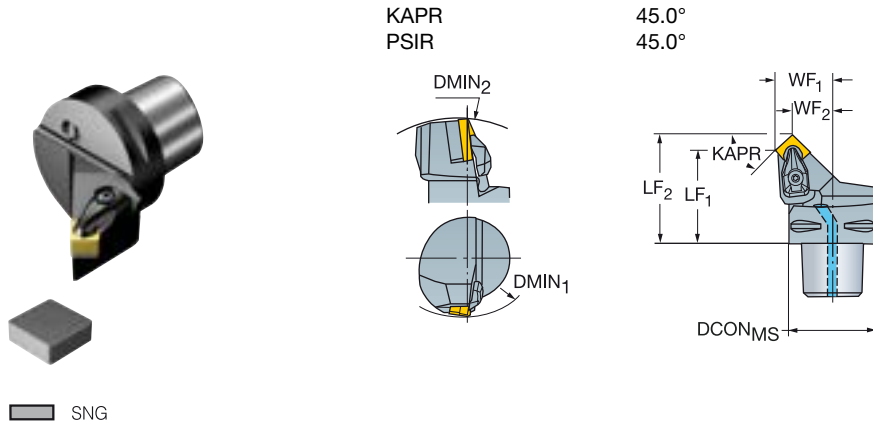
G



T-Max® cutting unit for turning

Rigid clamp design for ceramic inserts

Coromant Capto® - Internal coolant supply



B

C

							Ordering code	Dimensions, mm, inch							MIID
			CZC _{MS}	DMIN ₁	DMIN ₂	CNSC		DCON _{MS}	LPR	LF	WF				
	12	1/2	C5	110.0	165.0	3	C5-CSSNR/L-35052-12-4	50	60.3	52.0	35.0	10	3.9	0.69	SNGN 12 07 08
				4.331	6.496			1.969	2.375	2.047	1.378	145			
			C6	110.0	190.0	3	C6-CSSNR/L-45056-12-4	63	64.3	56.0	45.0	10	3.9	1.12	SNGN 12 07 08
				4.331	7.480			2.480	2.532	2.205	1.772	145			
	15	5/8	C5	125.0	165.0	3	C5-CSSNR/L-35050-15-4	50	60.2	50.0	35.0	10	6.4	0.71	SNGN 15 07 12
				4.921	6.496			1.969	2.372	1.969	1.378	145			
		C6	125.0	190.0	3	C6-CSSNL-45054-15-4	63	64.2	54.0	45.0	10	6.4	1.14	SNGN 15 07 12	
			4.921	7.480				2.480	2.529	2.126	1.772	145			

N = Neutral, R = Right hand, L = Left hand

When using inserts with thickness 4.76 mm (.187 inch), optional shims must be ordered.

Spare parts						
		CZC _{MS}	Shim	Shim screw	Clamp set	Nozzle
12	1/2	C5	5322 425-02	5513 020-02	5412 034-021	5691 029-01
12	1/2	C6	5322 425-02	5513 020-02	5412 034-021	5691 045-01
15	5/8	C5	5322 425-05	5513 020-07	5412 034-031	5691 029-01
15	5/8	C6	5322 425-05	5513 020-07	5412 034-031	5691 045-01

For the complete list of spare parts, visit www.sandvik.coromant.com

D

E

F

G

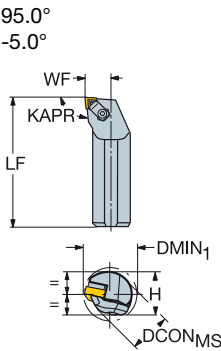
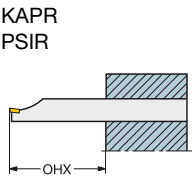
H



T-Max® boring bar for turning

Top clamp design for ceramic inserts
Cylindrical with flats

B



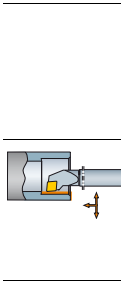
C



CNGN

Metric version

D

	Dimensions, mm													MIID
		CZC _{MS}	DMIN ₁	OHX	OHN	Ordering code	DCON _{MS}	H	BD	LF	WF			
	12	40	70.0	160.0	80.0	S40T-CCLNR 12-IC	40.0	37.0	40.0	300.0	27.0	3.0	2.90	CNGN 12 07 08
		50	70.0	200.0	100.0	S50U-CCLNR 12-IC	50.0	47.0	50.0	350.0	32.0	3.0	5.19	CNGN 12 07 08

R = Right hand

E

Spare parts			
Clamp (IC)	Chip breaker	Shim	Shim screw
5412 125-02	5192 022-04	5322 233-01	5513 013-02

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H



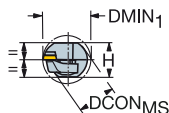
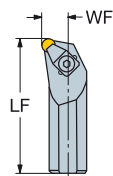
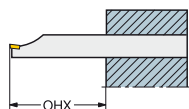
A 336



T-Max® boring bar for turning

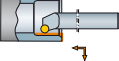
Top clamp design for ceramic inserts

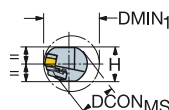
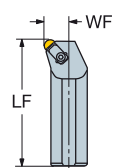
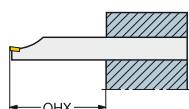
Cylindrical with flats



RPG

Metric version

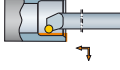
						Dimensions, mm									
		CZC _{MS}	DMIN ₁	OHX	OHN	Ordering code	DCON _{MS}	H	BD	LF	WF			MIID	
	09	25	32.0	100.0	50.0	S25T-CRSPR/L 09-ID	25.0	23.0	25.0	300.0	17.0	7.5	1.12	RPGN 09 03 00	



RNGA

RNGN

Metric version

							Dimensions, mm								
		CZC _{MS}	DMIN ₁	OHX	OHN	Ordering code	DCON _{MS}	H	BD	LF	WF			MIID	
	12	40	70.0	160.0	80.0	S40T-CRSPNR/L 12-ID	40.0	37.0	40.0	300.0	27.0	7.5	2.88	RNGN 12 07 00	

R = Right hand, L = Left hand

Spare parts					
	CZC _{MS}	Clamp	Pressure plate	Shim	Shim screw
09	25	5412 126-03			
12	40	5412 125-01	5192 020-01	5322 141-01	5513 013-02

For the complete list of spare parts, visit www.sandvik.coromant.com



A309



F2



G1



H37



H12

B

CoroTurn® XS

Internal turning, face grooving, and threading of small components

C

Application

- Internal turning
- Copying
- Back boring
- Profiling
- Grooving
- Face grooving
- Pre-parting
- Threading

ISO application area:



D

Benefits and features

- Optimized for machining small, high-quality features
- High precision and repeatability
- Reliable and easy-to-use clamping system
- Precision-ground tools for high repeatability
- Longer tool life by minimized micro-vibrations with cylindrical carbide shank adapters
- Clamping nut ensures easy change of cutting tool with cylindrical carbide shank adapters

E

www.sandvik.coromant.com/coroturnxs

F

Internal coolant

- The adapters are designed with internal precision coolant supply.
- Selectable coolant direction for better chip evacuation and safe machining.



Locking precision

Precise location into the boring bar due to a locating pin.



G

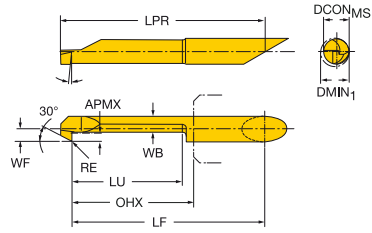
Inserts

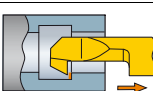
Turning	Back boring	Pre-parting	Grooving	Face grooving	Profiling	Threading
A340	A339	B164	B165	B170	B172	C81

Adapters

Coromant Capto®	Rectangular shank	Cylindrical shank with flat
F30	F42	F51

CoroTurn® XS solid-carbide tool for back boring



									P	M	K	N	S	Dimensions, mm, inch					
	CZC _{MS}	DMIN _I	LU	RE	APMX	RMPX	OHX	Ordering code							DCON _{MS}	WB	LPR	LF	WF
	1025	1025	1025	1025	1025														
	4	4.2	23.4	0.150	0.80	27°	26.0	CXS-04B090-15-4225R	☆	☆	☆	☆	☆		4	2.6	42.3	40.3	2.0
		.165	.921	.006	.031		1.024								.157	.102	1.663	1.585	.077
	5	5.2	28.5	0.150	1.00	27°	31.0	CXS-05B090-15-5230R	☆	☆	☆	☆	☆		5	3.8	52.3	50.3	2.5
		.205	1.122	.006	.039		1.221								.197	.150	2.057	1.979	.096
	6	6.2	28.5	0.150	1.80	27°	31.0	CXS-06B090-15-6230R	☆	☆	☆	☆	☆		6	4.0	52.3	50.3	3.0
		.244	1.122	.006	.071		1.221								.236	.157	2.057	1.979	.116
	7	7.2	27.5	0.150	2.50	27°	30.0	CXS-07B090-15-7230R	☆	☆	☆	☆	☆		7	4.3	52.3	49.3	3.5
		.283	1.083	.006	.098		1.182								.276	.169	2.057	1.940	.136

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand

B

C

D

E

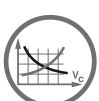
F

G

H



F2



B189



B202

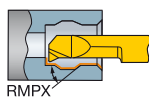
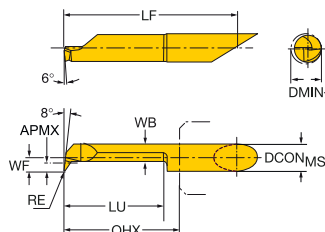


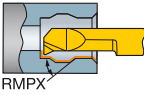
H37



H22

CoroTurn® XS solid carbide tool for turning



									Ordering code	P	M	N	S	H	O	Dimensions, mm							
	CZC _{MS}	RE	DMIN ₁	LU	APMX	RMPX	OHX	OHN		1025	1025	H10F	1025	H10F	1025	H10F	7015	1025	H10F	DCON _{MS}	WB	LF	WF
	4	0.00	0.3	1.2	0.1	17°	13.0		CXS-04T098-00-0301R	*	*		*	*				*		4	0.2	27.3	0.1
		.000	.012	.047	.004		.512													.157	.008	1.075	.004
	4	0.00	0.4	1.6	0.1	17°	13.0		CXS-04T098-00-0401L	*	*		*	*				*		4	0.3	27.3	0.2
		.000	.016	.063	.004		.512													.157	.012	1.075	.008
	4	0.00	0.4	1.6	0.1	17°	13.0		CXS-04T098-00-0401R	*	*		*	*				*		4	0.3	27.3	0.2
		.000	.016	.063	.004		.512													.157	.012	1.075	.008
	4	0.00	0.5	2.0	0.1	17°	13.0		CXS-04T098-00-0502L	*	*		*	*				*		4	0.4	27.3	0.2
		.000	.020	.079	.004		.512													.157	.016	1.075	.008
	4	0.00	0.5	2.0	0.1	17°	13.0		CXS-04T098-00-0502R	*	*		*	*				*		4	0.4	27.3	0.2
		.000	.020	.079	.004		.512													.157	.016	1.075	.008
	4	0.00	0.6	2.5	0.1	17°	13.0		CXS-04T098-00-0602R	*	*		*	*				*		4	0.5	27.3	0.3
		.000	.024	.098	.004		.512													.157	.020	1.075	.012
	4	0.00	0.7	3.5	0.1	17°	13.0		CXS-04T098-00-0703R	*	*		*	*				*		4	0.6	27.3	0.3
		.000	.028	.138	.004		.512													.157	.024	1.075	.012
	4	0.00	0.8	4.0	0.1	17°	13.0		CXS-04T098-00-0804R	*	*		*	*				*		4	0.6	27.3	0.4
		.000	.031	.157	.004		.512													.157	.024	1.075	.016
	4	0.00	0.9	5.0	0.1	17°	13.0		CXS-04T098-00-0905R	*	*		*	*				*		4	0.7	27.3	0.4
		.000	.035	.197	.004		.512													.157	.028	1.075	.016
	4	0.03	2.7	10.0	0.2	17°	13.0		CXS-04T098-03-2710R	*	*		*	*				*		4	2.1	27.3	1.2
		.001	.106	.394	.008		.512													.157	.083	1.075	.047
	4	0.03	3.2	10.0	0.2	17°	13.0		CXS-04T098-03-3210R	*	*		*	*				*		4	2.6	27.3	1.5
		.001	.126	.394	.008		.512													.157	.102	1.075	.059
	4	0.03	4.2	10.0	0.3	17°	13.0		CXS-04T098-03-4210R	*	*		*	*				*		4	3.5	27.3	2.0
		.001	.165	.394	.012		.512													.157	.138	1.075	.079
	4	0.05	1.0	4.0	0.1	17°	12.0		CXS-04T098-05-1004R	*	*		*	*				*		4	0.7	26.3	0.5
		.002	.039	.157	.004		.472													.157	.028	1.035	.020
	4	0.05	1.0	6.0	0.1	17°	12.0		CXS-04T098-05-1006R	*	*		*	*				*		4	0.7	26.3	0.5
		.002	.039	.236	.004		.472													.157	.028	1.035	.020
	4	0.05	1.7	6.0	0.2	17°	12.0		CXS-04T098-05-1706L	*	*		*	*				*		4	1.1	26.3	0.7
		.002	.067	.236	.008		.472													.157	.043	1.035	.028
	4	0.05	1.7	6.0	0.2	17°	12.0		CXS-04T098-05-1706R	*	*		*	*				*		4	1.1	26.3	0.7
		.002	.067	.236	.008		.472													.157	.043	1.035	.028
	4	0.05	1.7	9.0	0.2	17°	12.0		CXS-04T098-05-1709R	*	*		*	*				*		4	1.1	26.3	0.7
		.002	.067	.354	.008		.472													.157	.043	1.035	.028
	4	0.05	2.2	6.0	0.2	17°	12.0		CXS-04T098-05-2206R	*	*		*	*				*		4	1.6	26.3	1.0
		.002	.087	.236	.008		.472													.157	.063	1.035	.039
	4	0.05	2.2	9.0	0.2	17°	12.0		CXS-04T098-05-2209L	*	*		*	*				*		4	1.6	26.3	1.0
		.002	.087	.354	.008		.472													.157	.063	1.035	.039
	4	0.05	2.2	9.0	0.2	17°	12.0		CXS-04T098-05-2209R	*	*		*	*				*		4	1.6	26.3	1.0
		.002	.087	.354	.008		.472													.157	.063	1.035	.039
	4	0.05	2.7	10.0	0.2	17°	13.0		CXS-04T098-05-2710L	*	*		*	*				*		4	2.1	27.3	1.2
		.002	.106	.394	.008		.512													.157	.083	1.075	.047
	4	0.05	2.7	10.0	0.2	17°	13.0		CXS-04T098-05-2710R	*	*		*	*				*		4	2.1	27.3	1.2
		.002	.106	.394	.008		.512													.157	.083	1.075	.047
	4	0.05	2.7	15.0	0.2	17°	18.0		CXS-04T098-05-2715L	*	*		*	*				*		4	2.1	32.3	1.2
		.002	.106	.591	.008		.709													.157	.083	1.272	.047
	4	0.05	2.7	15.0	0.2	17°	18.0		CXS-04T098-05-2715R	*	*		*	*				*		4	2.1	32.3	1.2
		.002	.106	.591	.008		.709													.157	.083	1.272	.047
	4	0.05	3.2	15.0	0.2	17°	18.0		CXS-04T098-05-3215L	*	*		*	*				*		4	2.6	32.3	1.5
		.002	.126	.591	.008		.709													.157	.102	1.272	.059
	4	0.05	3.2	15.0	0.2	17°	18.0		CXS-04T098-05-3215R	*	*		*	*				*		4	2.6	32.3	1.5
		.002	.126	.591	.008		.709													.157	.102	1.272	.059
	4	0.05	3.2	20.0	0.2	17°	23.0		CXS-04T098-05-3220L	*	*		*	*				*		4	2.6	37.3	1.5
		.002	.126	.787	.008		.906													.157	.102	1.469	.059
	4	0.05	3.2	20.0	0.2	17°	23.0		CXS-04T098-05-3220R	*	*		*	*				*		4	2.6	37.3	1.5
		.002	.126	.787	.008		.906													.157	.102	1.469	.059
	4	0.05	4.2	15.0	0.3	17°	18.0		CXS-04T098-05-4215L	*	*		*	*				*		4	3.5	32.3	2.0
		.002	.165	.591	.012		.709													.157	.138	1.272	.079
	4	0.05	4.2	15.0	0.3	17°	18.0		CXS-04T098-05-4215R	*	*		*	*				*		4	3.5	32.3	2.0
		.002	.165	.591	.012		.709													.157	.138	1.272	.079
	4	0.05	4.2	20.0	0.3	17°	23.0		CXS-04T098-05-4220R	*	*		*	*				*		4	3.5	37.3	2.0
		.002	.165	.787	.012		.906													.157	.138	1.469	.079

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand



F2



B189



B202

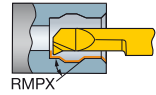
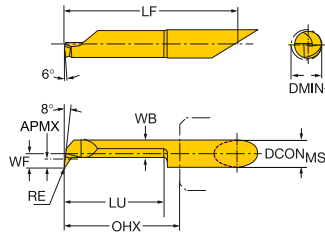


H37



H22

CoroTurn® XS solid carbide tool for turning



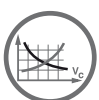
	CZC _{MS}	RE	DMIN ₁	LU	APMX	RMPX	OHX	OHN	Ordering code	Dimensions, mm									
										P	M	N	S	H	O	DCON _{MS}	WB	LF	WF
	4	0.05	4.2	25.0	0.3	17°	28.0		CXS-04T098-05-4225L	★	★		★		★	4	3.5	42.3	2.0
		.002	.165	.984	.012		1.102									.157	.138	1.665	.079
	4	0.05	4.2	25.0	0.3	17°	28.0		CXS-04T098-05-4225R	★	★		★		★	4	3.5	42.3	2.0
		.002	.165	.984	.012		1.102									.157	.138	1.665	.079
	4	0.08	4.2	30.0	0.5	2°	38.0	38.0	CXS-04T098A08-4230R	★	★		★		★	4	3.6	52.3	2.0
		.003	.165	1.181	.020		1.496	1.496								.157	.142	2.059	.079
	4	0.10	1.0	4.0	0.1	17°	13.0		CXS-04T098-10-1004L	★	★		★		★	4	0.7	27.3	0.5
		.004	.039	.157	.004		.512									.157	.028	1.075	.020
	4	0.10	1.0	4.0	0.1	17°	13.0		CXS-04T098-10-1004R	★	★		★		★	4	0.7	27.3	0.5
		.004	.039	.157	.004		.512									.157	.028	1.075	.020
	4	0.10	1.0	6.0	0.1	17°	13.0		CXS-04T098-10-1006R	★	★		★		★	4	0.7	27.3	0.5
		.004	.039	.236	.004		.512									.157	.028	1.075	.020
	4	0.10	1.7	6.0	0.2	17°	13.0		CXS-04T098-10-1706L	★	★		★		★	4	1.1	27.3	0.7
		.004	.067	.236	.008		.512									.157	.043	1.075	.028
	4	0.10	1.7	6.0	0.2	17°	13.0		CXS-04T098-10-1706R	★	★		★		★	4	1.1	27.3	0.7
		.004	.067	.236	.008		.512									.157	.043	1.075	.028
	4	0.10	1.7	9.0	0.2	17°	13.0		CXS-04T098-10-1709L	★	★		★		★	4	1.1	27.3	0.7
		.004	.067	.354	.008		.512									.157	.043	1.075	.028
	4	0.10	1.7	9.0	0.2	17°	13.0		CXS-04T098-10-1709R	★	★		★		★	4	1.1	27.3	0.7
		.004	.067	.354	.008		.512									.157	.043	1.075	.028
	4	0.10	2.2	6.0	0.2	17°	13.0		CXS-04T098-10-2206L	★	★		★		★	4	1.6	27.3	1.0
		.004	.087	.236	.008		.512									.157	.063	1.075	.039
	4	0.10	2.2	6.0	0.2	17°	13.0		CXS-04T098-10-2206R	★	★		★		★	4	1.6	27.3	1.0
		.004	.087	.236	.008		.512									.157	.063	1.075	.039
	4	0.10	2.2	9.0	0.2	17°	13.0		CXS-04T098-10-2209L	★	★		★		★	4	1.6	27.3	1.0
		.004	.087	.354	.008		.512									.157	.063	1.075	.039
	4	0.10	2.2	9.0	0.2	17°	13.0		CXS-04T098-10-2209R	★	★		★		★	4	1.6	27.3	1.0
		.004	.087	.354	.008		.512									.157	.063	1.075	.039
	4	0.10	2.2	13.0	0.2	17°	18.0		CXS-04T098-10-2213L	★	★		★		★	4	1.6	32.3	1.0
		.004	.087	.512	.008		.709									.157	.063	1.272	.039
	4	0.10	2.2	13.0	0.2	17°	18.0		CXS-04T098-10-2213R	★	★		★		★	4	1.6	32.3	1.0
		.004	.087	.512	.008		.709									.157	.063	1.272	.039
	4	0.15	3.2	12.0	0.2	17°	15.0		CXS-04T090-15-3212L	★	★		★		★	4	2.6	29.3	1.5
		.006	.126	.472	.008		.591									.157	.102	1.154	.059
	4	0.15	3.2	12.0	0.2	17°	15.0		CXS-04T090-15-3212R	★	★		★		★	4	2.6	29.3	1.5
		.006	.126	.472	.008		.591									.157	.102	1.154	.059
	4	0.15	4.2	15.0	0.3	17°	18.0		CXS-04T090-15-4215L	★	★		★		★	4	3.5	32.3	2.0
		.006	.165	.591	.012		.709									.157	.138	1.272	.079
	4	0.15	4.2	15.0	0.3	17°	18.0		CXS-04T090-15-4215R	★	★		★		★	4	3.5	32.3	2.0
		.006	.165	.591	.012		.709									.157	.138	1.272	.079
	4	0.15	2.7	10.0	0.2	17°	13.0		CXS-04T098-15-2710L	★	★		★		★	4	2.1	27.3	1.2
		.006	.106	.394	.008		.512									.157	.083	1.075	.047
	4	0.15	2.7	10.0	0.2	17°	13.0		CXS-04T098-15-2710R	★	★		★		★	4	2.1	27.3	1.2
		.006	.106	.394	.008		.512									.157	.083	1.075	.047
	4	0.15	2.7	15.0	0.2	17°	18.0		CXS-04T098-15-2715L	★	★		★		★	4	2.1	32.3	1.2
		.006	.106	.591	.008		.709									.157	.083	1.272	.047
	4	0.15	2.7	15.0	0.2	17°	18.0		CXS-04T098-15-2715R	★	★		★		★	4	2.1	32.3	1.2
		.006	.106	.591	.008		.709									.157	.083	1.272	.047
	4	0.15	3.2	10.0	0.2	17°	13.0		CXS-04T098-15-3210L	★	★		★		★	4	2.6	27.3	1.5
		.006	.126	.394	.008		.512									.157	.102	1.075	.059
	4	0.15	3.2	10.0	0.2	17°	13.0		CXS-04T098-15-3210R	★	★	☆	★	☆	★	4	2.6	27.3	1.5
		.006	.126	.394	.008		.512									.157	.102	1.075	.059
	4	0.15	3.2	15.0	0.2	17°	18.0		CXS-04T098-15-3215L	★	★		★		★	4	2.6	32.3	1.5
		.006	.126	.591	.008		.709									.157	.102	1.272	.059
	4	0.15	3.2	15.0	0.2	17°	18.0		CXS-04T098-15-3215R	★	★		★		★	4	2.6	32.3	1.5
		.006	.126	.591	.008		.709									.157	.102	1.272	.059
	4	0.15	3.2	20.0	0.2	17°	23.0		CXS-04T098-15-3220L	★	★		★		★	4	2.6	37.3	1.5
		.006	.126	.787	.008		.906									.157	.102	1.469	.059
	4	0.15	3.2	20.0	0.2	17°	23.0		CXS-04T098-15-3220R	★	★		★		★	4	2.6	37.3	1.5
		.006	.126	.787	.008		.906									.157	.102	1.469	.059
	4	0.15	3.7	15.0	0.2	17°	18.0		CXS-04T098-15-3715R					★		4	3.1	32.3	1.7
		.006	.146	.591	.008		.709									.157	.122	1.272	.067

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand



F2



B189



B202

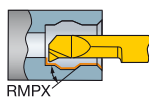
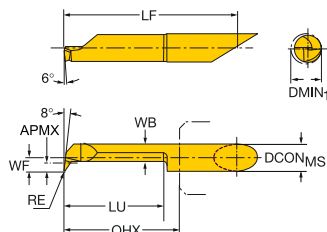


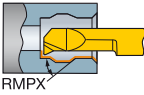
H37



H22

CoroTurn® XS solid carbide tool for turning



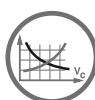
									Ordering code	P M N S H O								Dimensions, mm				
	CZC _{MS}	RE	DMIN ₁	LU	APMX	RMPX	OHX	OHN		1025	1025	H10F	1025	H10F	1025	H10F	7015	1025	H10F	DCON _{MS}	WB	LF
	4	0.15	4.2	10.0	0.3	17°	13.0		CXS-04T098-15-4210L	*	*		*	*			*		4	3.5	27.3	2.0
		.006	.165	.394	.012		.512												.157	.138	1.075	.079
	4	0.15	4.2	10.0	0.3	17°	13.0		CXS-04T098-15-4210R	*	*		*	*		*	*		4	3.5	27.3	2.0
		.006	.165	.394	.012		.512												.157	.138	1.075	.079
	4	0.15	4.2	15.0	0.3	17°	18.0		CXS-04T098-15-4215L	*	*		*	*			*		4	3.5	32.3	2.0
		.006	.165	.591	.012		.709												.157	.138	1.272	.079
	4	0.15	4.2	15.0	0.3	17°	18.0		CXS-04T098-15-4215R	*	*		*	*		*	*		4	3.5	32.3	2.0
		.006	.165	.591	.012		.709												.157	.138	1.272	.079
	4	0.15	4.2	20.0	0.3	17°	23.0		CXS-04T098-15-4220L	*	*		*	*			*		4	3.5	37.3	2.0
		.006	.165	.787	.012		.906												.157	.138	1.469	.079
	4	0.15	4.2	20.0	0.3	17°	23.0		CXS-04T098-15-4220R	*	*		*	*		*	*		4	3.5	37.3	2.0
		.006	.165	.787	.012		.906												.157	.138	1.469	.079
	4	0.15	4.2	25.0	0.3	17°	28.0		CXS-04T098-15-4225L	*	*		*	*			*		4	3.5	42.3	2.0
		.006	.165	.984	.012		1.102												.157	.138	1.665	.079
	4	0.15	4.2	25.0	0.3	17°	28.0		CXS-04T098-15-4225R	*	*		*	*		*	*		4	3.5	42.3	2.0
		.006	.165	.984	.012		1.102												.157	.138	1.665	.079
	4	0.15	4.2	10.2	0.5	0°	13.0		CXS-04T098A15-4210R	*	*		*	*			*		4	3.8	27.3	2.0
		.006	.165	.402	.020		.512												.157	.150	1.075	.079
	4	0.15	4.2	20.3	0.5	0°	23.0		CXS-04T098A15-4220L	*	*		*	*			*		4	3.8	37.3	2.0
		.006	.165	.799	.020		.906												.157	.150	1.469	.079
	4	0.15	4.2	20.3	0.5	0°	23.0		CXS-04T098A15-4220R	*	*		*	*			*		4	3.8	37.3	2.0
		.006	.165	.799	.020		.906												.157	.150	1.469	.079
	4	0.15	4.2	25.3	0.5	0°	28.0		CXS-04T098A15-4225R	*	*		*	*			*		4	3.8	42.3	2.0
		.006	.165	.996	.020		1.102												.157	.150	1.665	.079
	4	0.15	4.2	15.3	0.3	0°	18.0		CXS-04T098A20-4215L	*	*		*	*			*		4	3.1	32.3	2.0
		.006	.165	.602	.012		.709												.157	.122	1.272	.079
	4	0.15	4.2	15.3	0.3	0°	18.0		CXS-04T098A20-4215R	*	*		*	*			*		4	3.1	32.3	2.0
		.006	.165	.602	.012		.709												.157	.122	1.272	.079
	4	0.15	4.2	20.0	0.8	44°	23.0		CXS-04TE98-15-4220L	*	*		*	*			*		4	3.0	37.3	2.0
		.006	.165	.787	.031		.906												.157	.118	1.469	.079
4	0.15	4.2	20.0	0.8	44°	23.0		CXS-04TE98-15-4220R	*	*	*	*	*	*	*	*	*	4	3.0	37.3	2.0	
	.006	.165	.787	.031		.906												.157	.118	1.469	.079	
5	0.05	5.2	20.0	0.5	17°	23.0		CXS-05T098-05-5220L	*	*		*	*			*		5	4.3	42.3	2.5	
	.002	.205	.787	.020		.906												.197	.169	1.665	.098	
5	0.05	5.2	20.0	0.5	17°	23.0		CXS-05T098-05-5220R	*	*		*	*			*		5	4.3	42.3	2.5	
	.002	.205	.787	.020		.906												.197	.169	1.665	.098	
5	0.05	5.2	30.0	0.5	17°	33.0		CXS-05T098-05-5230L	*	*		*	*			*		5	4.3	52.3	2.5	
	.002	.205	1.181	.020		1.299												.197	.169	2.059	.098	
5	0.05	5.2	30.0	0.5	17°	33.0		CXS-05T098-05-5230R	*	*		*	*			*		5	4.3	52.3	2.5	
	.002	.205	1.181	.020		1.299												.197	.169	2.059	.098	
5	0.08	5.2	40.0	0.5	2°	48.0	48.0	CXS-05T098A08-5240R	*	*		*	*			*		5	4.6	67.3	2.5	
	.003	.205	1.575	.020		1.890	1.890											.197	.181	2.650	.098	
5	0.15	5.2	25.0	1.0	44°	28.0		CXS-05TE98-15-5225L	*	*		*	*			*		5	3.8	47.3	2.5	
	.006	.205	.984	.039		1.102												.197	.150	1.862	.098	
5	0.15	5.2	25.0	1.0	44°	28.0		CXS-05TE98-15-5225R	*	*		*	*			*		5	3.8	47.3	2.5	
	.006	.205	.984	.039		1.102												.197	.150	1.862	.098	
5	0.20	5.2	10.0	0.5	17°	13.0		CXS-05T090-20-5210L	*	*		*	*			*		5	4.2	32.3	2.5	
	.008	.205	.394	.020		.512												.197	.165	1.272	.098	
5	0.20	5.2	10.0	0.5	17°	13.0		CXS-05T090-20-5210R	*	*		*	*			*		5	4.2	32.3	2.5	
	.008	.205	.394	.020		.512												.197	.165	1.272	.098	
5	0.20	5.2	15.0	0.5	17°	18.0		CXS-05T090-20-5215L	*	*		*	*			*		5	4.2	37.3	2.5	
	.008	.205	.591	.020		.709												.197	.165	1.469	.098	
5	0.20	5.2	15.0	0.5	17°	18.0		CXS-05T090-20-5215R	*	*		*	*			*		5	4.2	37.3	2.5	
	.008	.205	.591	.020		.709												.197	.165	1.469	.098	
5	0.20	5.2	20.0	0.5	17°	23.0		CXS-05T090-20-5220L	*	*		*	*			*		5	4.2	42.3	2.5	
	.008	.205	.787	.020		.906												.197	.165	1.665	.098	
5	0.20	5.2	20.0	0.5	17°	23.0		CXS-05T090-20-5220R	*	*		*	*			*		5	4.2	42.3	2.5	
	.008	.205	.787	.020		.906												.197	.165	1.665	.098	
5	0.20	5.2	10.0	0.5	17°	13.0		CXS-05T098-20-5210L	*	*		*	*			*		5	4.3	32.3	2.5	
	.008	.205	.394	.020		.512												.197	.169	1.272	.098	
5	0.20	5.2	10.0	0.5	17°	13.0		CXS-05T098-20-5210R	*	*		*	*		*	*		5	4.3	32.3	2.5	
	.008	.205	.394	.020		.512												.197	.169	1.272	.098	

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand



F2



B189



B202

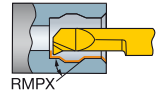
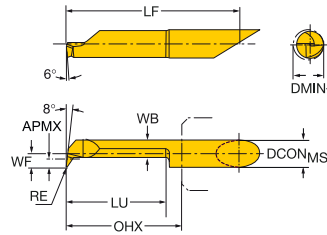


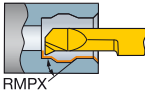
H37



H22

CoroTurn® XS solid carbide tool for turning



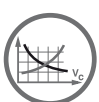
									Ordering code	P	M	N	S	H	O	Dimensions, mm			
	CZC _{MS}	RE	DMIN ₁	LU	APMX	RMPX	OHX	OHN		102S	102M	102N	102S	102H	102O	DCON _{MS}	WB	LF	WF
	5	0.20	5.2	20.0	0.5	17°	23.0		CXS-05T098-20-5220L	*	*	*	*		*	5	4.3	42.3	2.5
		.008	.205	.787	.020		.906									.197	.169	1.665	.098
	5	0.20	5.2	20.0	0.5	17°	23.0		CXS-05T098-20-5220R	*	*	*	*		*	5	4.3	42.3	2.5
		.008	.205	.787	.020		.906									.197	.169	1.665	.098
	5	0.20	5.2	25.0	0.5	17°	28.0		CXS-05T098-20-5225L	*	*	*	*		*	5	4.3	47.3	2.5
		.008	.205	.984	.020		1.102									.197	.169	1.862	.098
	5	0.20	5.2	25.0	0.5	17°	28.0		CXS-05T098-20-5225R	*	*	*	*		*	5	4.3	47.3	2.5
		.008	.205	.984	.020		1.102									.197	.169	1.862	.098
	5	0.20	5.2	30.0	0.5	17°	33.0		CXS-05T098-20-5230L	*	*	*	*		*	5	4.3	52.3	2.5
		.008	.205	1.181	.020		1.299									.197	.169	2.059	.098
	5	0.20	5.2	30.0	0.5	17°	33.0		CXS-05T098-20-5230R	*	*	*	*		*	5	4.3	52.3	2.5
		.008	.205	1.181	.020		1.299									.197	.169	2.059	.098
	5	0.20	5.2	35.0	0.5	17°	38.0		CXS-05T098-20-5235R	*	*	*	*		*	5	4.3	57.3	2.5
		.008	.205	1.378	.020		1.496									.197	.169	2.256	.098
	5	0.20	5.2	40.0	0.5	17°	43.0		CXS-05T098-20-5240L	*	*	*	*		*	5	4.3	62.3	2.5
		.008	.205	1.575	.020		1.693									.197	.169	2.453	.098
	5	0.20	5.2	40.0	0.5	17°	43.0		CXS-05T098-20-5240R	*	*	*	*		*	5	4.3	62.3	2.5
		.008	.205	1.575	.020		1.693									.197	.169	2.453	.098
	5	0.20	5.2	10.2	0.6	0°	13.0		CXS-05T098A20-5210R	*	*	*	*		*	5	4.8	32.3	2.5
		.008	.205	.402	.024		.512									.197	.189	1.272	.098
	5	0.20	5.2	15.0	0.5	0°	18.0		CXS-05T098A20-5215L	*	*	*	*		*	5	4.3	37.3	2.5
		.008	.205	.591	.020		.709									.197	.169	1.469	.098
	5	0.20	5.2	15.0	0.5	0°	18.0		CXS-05T098A20-5215R	*	*	*	*		*	5	4.3	37.3	2.5
		.008	.205	.591	.020		.709									.197	.169	1.469	.098
	5	0.20	5.2	20.3	0.6	0°	23.0		CXS-05T098A20-5220R	*	*	*	*		*	5	4.8	42.3	2.5
		.008	.205	.799	.024		.906									.197	.189	1.665	.098
	5	0.20	5.2	25.4	0.5	0°	28.0		CXS-05T098A20-5225L	*	*	*	*		*	5	4.8	47.3	2.5
		.008	.205	1.000	.020		1.102									.197	.189	1.862	.098
	5	0.20	5.2	25.4	0.5	0°	28.0		CXS-05T098A20-5225R	*	*	*	*		*	5	4.8	47.3	2.5
		.008	.205	1.000	.020		1.102									.197	.189	1.862	.098
	5	0.20	5.2	30.5	0.6	0°	33.0		CXS-05T098A20-5230R	*	*	*	*		*	5	4.8	52.3	2.5
		.008	.205	1.201	.024		1.299									.197	.189	2.059	.098
	6	0.05	6.2	20.0	0.5	17°	23.0		CXS-06T098-05-6220L	*	*	*	*		*	6	5.3	42.3	3.0
		.002	.244	.787	.020		.906									.236	.209	1.665	.118
	6	0.05	6.2	20.0	0.5	17°	23.0		CXS-06T098-05-6220R	*	*	*	*		*	6	5.3	42.3	3.0
		.002	.244	.787	.020		.906									.236	.209	1.665	.118
	6	0.08	6.2	45.0	0.5	2°	53.0	53.0	CXS-06T098A08-6245R	*	*	*	*		*	6	5.5	72.3	3.0
		.003	.244	1.772	.020		2.087	2.087								.236	.217	2.846	.118
	6	0.15	6.2	30.0	1.8	44°	33.0		CXS-06TE98-15-6230L	*	*	*	*		*	6	4.0	52.3	3.0
		.006	.244	1.181	.071		1.299									.236	.157	2.059	.118
	6	0.15	6.2	30.0	1.8	44°	33.0		CXS-06TE98-15-6230R	*	*	*	*		*	6	4.0	52.3	3.0
		.006	.244	1.181	.071		1.299									.236	.157	2.059	.118
	6	0.20	6.2	15.0	0.5	17°	18.0		CXS-06T098-20-6215L	*	*	*	*		*	6	5.3	37.3	3.0
		.008	.244	.591	.020		.709									.236	.209	1.469	.118
	6	0.20	6.2	15.0	0.5	17°	18.0		CXS-06T098-20-6215R	*	*	*	*		*	6	5.3	37.3	3.0
		.008	.244	.591	.020		.709									.236	.209	1.469	.118
	6	0.20	6.2	20.0	0.5	17°	23.0		CXS-06T098-20-6220L	*	*	*	*		*	6	5.3	42.3	3.0
		.008	.244	.787	.020		.906									.236	.209	1.665	.118
	6	0.20	6.2	20.0	0.5	17°	23.0		CXS-06T098-20-6220R	*	*	*	*		*	6	5.3	42.3	3.0
		.008	.244	.787	.020		.906									.236	.209	1.665	.118
	6	0.20	6.2	25.0	0.5	17°	28.0		CXS-06T098-20-6225L	*	*	*	*		*	6	5.3	47.3	3.0
		.008	.244	.984	.020		1.102									.236	.209	1.862	.118
	6	0.20	6.2	25.0	0.5	17°	28.0		CXS-06T098-20-6225R	*	*	*	*		*	6	5.3	47.3	3.0
		.008	.244	.984	.020		1.102									.236	.209	1.862	.118
	6	0.20	6.2	30.0	0.5	17°	33.0		CXS-06T098-20-6230L	*	*	*	*		*	6	5.3	52.3	3.0
		.008	.244	1.181	.020		1.299									.236	.209	2.059	.118
	6	0.20	6.2	30.0	0.5	17°	33.0		CXS-06T098-20-6230R	*	*	*	*		*	6	5.3	52.3	3.0
		.008	.244	1.181	.020		1.299									.236	.209	2.059	.118
	6	0.20	6.2	35.0	0.5	17°	38.0		CXS-06T098-20-6235L	*	*	*	*		*	6	5.3	57.3	3.0
		.008	.244	1.378	.020		1.496									.236	.209	2.256	.118
	6	0.20	6.2	35.0	0.5	17°	38.0		CXS-06T098-20-6235R	*	*	*	*		*	6	5.3	57.3	3.0
		.008	.244	1.378	.020		1.496									.236	.209	2.256	.118

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand



F2



B189



B202



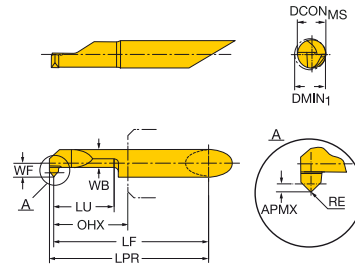
H37

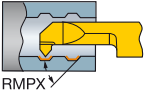


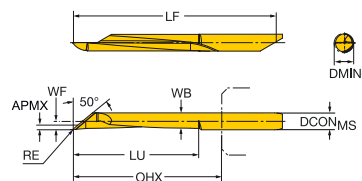
H22

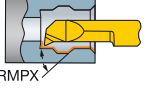
CoroTurn® XS solid carbide tool for turning

Turning/profiling



								P M K N S					Dimensions, mm, inch				
	CZC _{MS}	DMIN ₁	LU	RE	APMX	RMPX	OHX	Ordering code					DCON _{MS}	WB	LPR	LF	WF
	5	5.2	15.0	0.200	0.70	42°	17.0	CXS-05T045-20-5215R	☆	☆	☆	☆	5	3.8	37.3	36.3	2.5
		.205	.591	.008	.028		.669		☆	☆	☆	☆	.197	.148	1.467	1.427	.096
	5	5.2	20.0	0.200	0.70	42°	22.0	CXS-05T045-20-5220R/L	☆	☆	☆	☆	5	3.8	42.3	41.3	2.5
		.205	.787	.008	.028		.866		☆	☆	☆	☆	.197	.148	1.663	1.624	.096
	6	6.2	20.0	0.200	0.70	42°	22.0	CXS-06T045-20-6220R	☆	☆	☆	☆	6	4.0	42.3	41.3	3.0
		.244	.787	.008	.028		.866		☆	☆	☆	☆	.236	.156	1.663	1.624	.116
	6	6.2	25.0	0.200	0.70	42°	27.0	CXS-06T045-20-6225R/L	☆	☆	☆	☆	6	4.0	47.3	46.3	3.0
		.244	.984	.008	.028		1.063		☆	☆	☆	☆	.236	.156	1.860	1.821	.116
	7	7.2	20.0	0.200	0.70	42°	22.0	CXS-07T045-20-7220R/L	☆	☆	☆	☆	7	4.3	42.3	41.3	3.5
		.283	.787	.008	.028		.866		☆	☆	☆	☆	.276	.167	1.663	1.624	.136
	7	7.2	40.0	0.200	0.70	42°	42.0	CXS-07T045-20-7240R/L	☆	☆	☆	☆	7	4.3	62.3	61.3	3.5
		.283	1.575	.008	.028		1.654		☆	☆	☆	☆	.276	.167	2.451	2.411	.136



								P M K N S					Dimensions, mm, inch				
	CZC _{MS}	RE	DMIN ₁	LU	APMX	RMPX	OHX	Ordering code					DCON _{MS}	WB	LPR	LF	WF
	4	0.05	4.2	30.0	0.1	2°	38.0	CXS-04T140A05-4230R	☆	☆	☆	☆	4	3.6	38.0	52.3	2.0
		.002	.165	1.181	.002		1.496		☆	☆	☆	☆	.157	.140	1.496	2.057	.077
	5	0.05	5.2	40.0	0.1	2°	48.0	CXS-05T140A05-5240R	☆	☆	☆	☆	5	4.6	48.0	67.3	2.5
		.002	.205	1.575	.002		1.890		☆	☆	☆	☆	.197	.179	1.890	2.648	.096
	6	0.05	6.2	45.0	0.1	2°	53.0	CXS-06T140A05-6245R	☆	☆	☆	☆	6	5.5	53.0	72.3	3.0
		.002	.244	1.772	.002		2.087		☆	☆	☆	☆	.236	.217	2.087	2.844	.116
	7	0.05	7.2	55.0	0.1	2°	63.0	CXS-07T140A05-7255R	☆	☆	☆	☆	7	6.5	63.0	82.3	3.5
		.002	.283	2.165	.002		2.480		☆	☆	☆	☆	.276	.256	2.480	3.238	.136
									☆	☆	☆	☆					

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand



F2



B189



B202



H37



H22

B

CoroCut® XS

For external machining of small and slender components

C

Application

- Parting off
- External threading
- External grooving
- Turning

D

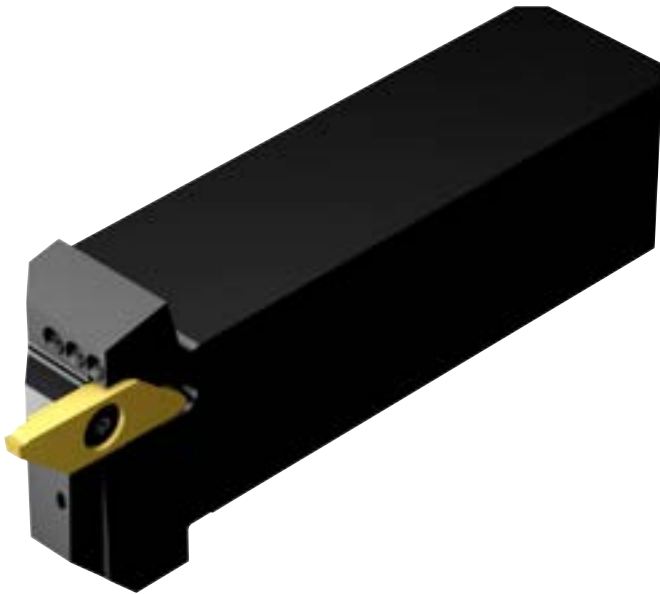
ISO application area:



E

Benefits and features

- High precision
- Close tolerances
- Good accessibility when changing inserts
- Wide variety of insert widths
- Sharp cutting edges
- All inserts fit into the same tool holder
- High-quality ground inserts and holders
- Full profile inserts for high-quality threads in one operation
- Designed to keep the tool holder intact in case of insert breakage.
- Available with precision coolant



F

www.sandvik.coromant.com/corocutxs

G

Holders

Dedicated holders for parting off close to sub spindle are available in high-precision square shank style.



H

Inserts

Turning	Back turning	Parting off	Grooving	Profiling	Threading
					
A347	A347	B129	B131	B131	C76

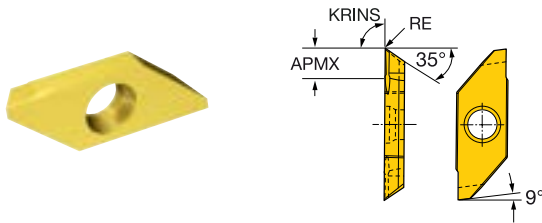
H

Tools

QS™ shank tools	CoroTurn® SL cutting head
	
B132	B133

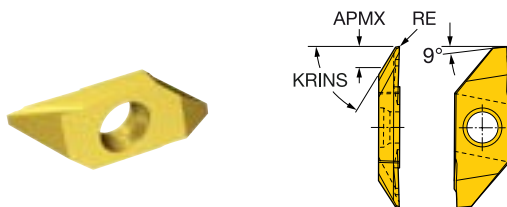
CoroCut® XS insert for turning

Turning, front turning



	SSC	S	RE	APMX	ISO CODE	P			M			K			N			S		
						1025	1105	H13A	1025	1105	H13A	1025	1105	H13A	1025	1105	H13A	1025	1105	H13A
						☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
Finishing	3	3.18	0.03	4.0	MAFR/L 3 003	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
		.125	.001	.157																
		3.18	0.05	4.0	MAFR/L 3 005	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
		.125	.002	.157																
		3.18	0.10	4.0	MAFR/L 3 010	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
		.125	.004	.157																
		3.18	0.20	4.0	MAFR/L 3 020	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
		.125	.008	.157																

Turning, back turning



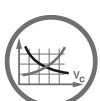
	SSC	S	RE	APMX	ISO CODE	P			M			K			N			S		
						1025	1105	H13A	1025	1105	H13A	1025	1105	H13A	1025	1105	H13A	1025	1105	H13A
						☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
Finishing	3	3.18	0.03	4.0	MABR 3 003	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
		.125	.001	.157																
		3.18	0.03	4.0	MABL 3 003	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
		.125	.001	.157																
		3.18	0.05	4.0	MABR 3 005	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
		.125	.002	.157																
		3.18	0.05	4.0	MABL 3 005	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
		.125	.002	.157																
		3.18	0.10	4.0	MABR 3 010	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
		.125	.004	.157																
		3.18	0.10	4.0	MABL 3 010	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
		.125	.004	.157																
		3.18	0.20	4.0	MABR 3 020	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
		.125	.008	.157																
		3.18	0.20	4.0	MABL 3 020	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
		.125	.008	.157																

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand



B132



B190



B202



H37



H24

A

Cutting speed recommendations, metric values

The recommendations are valid for use with cutting fluid.

B

ISO P	CMC No.	Steel	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE			
					CT5015	GC1525	GC4305	GC4315
					h_{ex} , mm = feed f_n , mm/r			
					0.05-0.1-0.2	0.05-0.1-0.2	0.1-0.4-0.8	0.1-0.4-0.8
MC No.	CMC No.	Material	N/mm ²	HB	Cutting speed (V_c), m/min			
P1.1.Z.AN	01.1	Unalloyed steel C = 0.1–0.25%	1500	125	650-540-440	560-465-380	620-450-330	570-405-300
P1.2.Z.AN	01.2	C = 0.25–0.55%	1600	150	380-245-180	495-415-335	560-405-295	510-365-265
P1.3.Z.AN	01.3	C = 0.55–0.80%	1700	170	510-425-340	430-365-295	530-385-275	460-330-240
P2.1.Z.AN	02.1	Low-alloy steel (alloying elements ≤5%) Non-hardened	1700	180	480-400-320	375-320-255	610-410-285	560-370-260
P2.1.Z.AN	02.12	Ball bearing steel	1800	210	-	-	530-350-250	460-305-215
P2.5.Z.HT	02.2	Hardened and tempered	1850	275	285-235-190	200-165-135	330-230-175	300-210-155
P2.5.Z.HT	02.2	Hardened and tempered	2050	350	230-190-150	160-135-110	265-185-140	240-170-125
P3.0.Z.AN	03.11	High-alloy steel (alloying elements >5%) Annealed	1950	200	395-330-250	260-215-175	445-295-215	405-270-200
P3.0.Z.HT	03.21	Hardened tool steel	3000	325	195-165-130	140-115-90	220-140-105	200-130-95
P1.5.C.UT	06.1	Steel castings Unalloyed	1550	180	260-215-175	225-185-145	335-235-185	300-215-170
P2.6.C.UT	06.2	Low-alloy (alloying elements ≤5%)	1600	200	270-225-170	175-145-105	290-205-155	260-185-140
P3.0.C.UT	06.3	High-alloy (alloying elements >5%)	2050	225	200-165-125	140-115-85	225-150-115	205-135-105

C

ISO M	CMC No.	Stainless steel	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE			
					GC1115	GC1125	GC2015	GC2220
					h_{ex} , mm = feed f_n , mm/r			
					0.1-0.2-0.3	0.1-0.2-0.3	0.2-0.4-0.6	0.2-0.4-0.6
MC No.	CMC No.	Material	N/mm ²	HB	Cutting speed (V_c), m/min			
P5.0.Z.AN	05.11	Ferritic/martensitic Bars/forged Non-hardened	1800	200	335-255-200	280-215-170	260-220-200	-
P5.0.Z.PH	05.12	PH-hardened	2850	330	185-150-120	155-125-100	125-100-80	-
P5.0.Z.HT	05.13	Hardened	2350	330	200-160-140	165-135-120	145-120-85	-
M1.0.Z.AQ	05.21	Austenitic Bars/forged Austenitic	1800	180	265-215-165	220-180-135	290-240-190	225-165-125
M1.0.Z.PH	05.22	PH-hardened	2850	330	185-150-120	155-125-100	130-100-80	100-70-55
M2.0.Z.AQ	05.23	Super austenitic	2250	200	220-190-155	185-160-130	160-135-100	130-100-75
M3.1.Z.AQ	05.51	Austenitic-ferritic (Duplex) Bars/forged Non-weldable ≥ 0.05%C	2000	230	250-205-155	210-170-130	220-185-145	190-150-110
M3.2.Z.AQ	05.52	Weldable < 0.05%C	2450	260	230-170-130	190-140-110	190-150-120	150-120-90
P5.0.C.UT	15.11	Ferritic/martensitic Cast Non-hardened	1700	200	320-265-205	265-220-170	250-210-170	-
P5.0.C.HT	15.12	PH-hardened	2450	330	160-130-95	135-110-80	100-70-55	-
	15.13	Hardened	2150	330	175-145-110	145-120-90	110-90-60	-
M1.0.C.UT	15.21	Austenitic Cast Austenitic	1700	180	280-225-170	230-185-145	220-180-140	200-155-115
M2.0.C.AQ	15.22	PH-hardened	2450	330	160-130-95	135-110-80	105-80-60	85-55-40
	15.23	Super austenitic	2150	200	210-180-150	175-150-125	145-115-95	130-90-65
M3.1.C.AQ	15.51	Austenitic-ferritic (Duplex) Cast Non-weldable ≥ 0.05%C	1800	230	230-170-120	190-140-100	185-150-135	150-120-90
M3.2.C.AQ	15.52	Weldable < 0.05%C	2250	260	205-155-110	170-130-90	160-140-105	125-105-80

D

E

F

G

ISO K	CMC No.	Cast iron	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE			
					CB7525	CB7925	CC6190	CC650
					h_{ex} , mm = feed f_n , mm/r			
					0.1-0.25-0.4	0.1-0.25-0.4	0.2-0.4-0.6	0.1-0.25-0.4
MC No.	CMC No.	Material	N/mm ²	HB	Cutting speed (V_c), m/min			
K1.1.C.NS	07.1	Malleable cast iron Ferritic (short chipping)	790	130	-	-	810-660-550	800-700-600
	07.2	Pearlitic	900	230	-	-	700-660-550	700-600-500
K2.1.C.UT	08.1	Gray cast iron Low tensile strength	890	180	1700-1450-1200	1450-1200-1050	890-720-600	800-700-600
K2.2.C.UT	08.2	High tensile strength	970	220	1450-1250-1050	1250-1050-890	790-620-500	760-650-540
K3.1.C.UT	09.1	Nodular SG iron Ferritic	900	160	-	-	-	610-550-450
K3.3.C.UT	09.2	Pearlitic	1350	250	-	-	-	510-450-350
K3.4.C.UT	09.3	Martensitic	2100	380	-	-	-	350-305-260

H



Cutting speed recommendations, metric values

TOUGHNESS >>>>										
GC4325	GC4335									
0.1-0.4-0.8	0.1-0.4-0.8									
510-345-245 455-305-215 425-290-205	425-275-200 380-245-180 365-235-170									
460-305-215 395-265-190 255-180-140 205-145-110	300-185-135 250-155-110 185-120-85 150-95-70									
300-205-150 135-95-75	240-155-105 110-70-50									
240-180-130 210-140-100 185-125-90	185-140-100 165-100-70 145-95-65									
TOUGHNESS >>>>										
GC2025	GC2035									
0.2-0.4-0.6	0.2-0.4-0.6									
225-175-130 100-70-45 115-80-55	180-160-130 85-65-45 95-70-50									
190-145-110 100-70-55 130-100-75	170-145-115 85-65-45 100-90-70									
135-100-70 100-70-50	160-135-105 130-110-85									
160-125-90 100-70-45 115-80-55	170-145-115 70-50-40 75-60-50									
170-135-100 85-55-40 130-90-65	150-120-95 70-50-40 100-80-60									
115-85-60 100-70-50	130-110-85 105-95-75									
TOUGHNESS >>>>										
GC3210	GC3225	H13A								
0.2-0.4-0.6	0.2-0.4-0.6	0.1-0.3-0.5								
385-315-265 315-255-215	260-215-185 210-175-150	140-125-110 125-110-90								
445-360-305 355-290-245	300-250-210 240-200-170	180-145-110 140-115-95								
360-305-250 325-275-225 245-210-170	240-195-165 215-175-150 165-135-115	135-125-95 125-115-90 100-85-65								

Cutting speed recommendations, metric values

The recommendations are valid for use with cutting fluid.

ISO N	CMC No.	Non-ferrous metals	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CD05	CD10	H10
					$h_{ex}, \text{ mm} \approx \text{feed } f_n, \text{ mm/r}$		
					0.05-0.4	0.05-0.4	0.15-0.8
MC No.	CMC No.	Material	N/mm ²	HB	Cutting speed (V_c), m/min		
N1.2.Z.UT	30.11	Aluminum alloys	400	60	-	2 000 (2500-250) ¹⁾	2 000 (2500-250) ¹⁾
N1.2.Z.AG	30.12	Wrought or wrought and coldworked, non-aging	650	100	-	2 000 (2500-250) ¹⁾	2 000 (2500-250) ¹⁾
		Wrought or wrought and aged					
N1.3.C.UT		Aluminum alloys	600	75	2 000 (2500-250) ¹⁾	2 000 (2500-250) ¹⁾	2 000 (2500-250) ¹⁾
N1.3.C.AG		Cast, non-aging	700	90	2 000 (2500-250) ¹⁾	2 000 (2500-250) ¹⁾	2 000 (2500-250) ¹⁾
		Cast or cast and aged					
N1.4.C.NS	30.41	Aluminum alloys	700	130	1 550 (1950-195) ¹⁾	1 550 (1950-195) ¹⁾	450 (560-55) ¹⁾
	30.42	Cast, 13–15% Si	700	130	770 (960-95) ¹⁾	770 (960-95) ¹⁾	300 (375-38) ¹⁾
		Cast, 16–22% Si					
N3.3.U.UT	33.1	Copper and copper alloys	550	110	-	500 (630-65) ¹⁾	500 (630-65) ¹⁾
N3.2.C.UT	33.2	Free cutting alloys, ≥1% Pb	550	90	-	500 (630-65) ¹⁾	500 (630-65) ¹⁾
N3.1.U.UT	33.3	Brass, leaded bronzes, ≤1% Pb	1350	100	-	300 (375-38) ¹⁾	300 (375-38) ¹⁾
		Bronze and non-leaded copper incl. electrolytic copper					
ISO S	CMC No.	Heat resistant material	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CC6160	CC6060	CC6065
					$h_{ex}, \text{ mm} \approx \text{feed } f_n, \text{ mm/r}$		
					0.1-0.2-0.3	0.1-0.2-0.3	0.1-0.2-0.3
MC No.	CMC No.	Material	N/mm ²	HB	Cutting speed (V_c), m/min		
		Heat resistant super alloys					
		Iron base					
S1.0.U.AN	20.11	Annealed or solution treated	2400	200	-	-	-
S1.0.U.AG	20.12	Aged or solution treated and aged	2500	280	-	-	-
		Nickel base					
S2.0.Z.AN	20.21	Annealed or solution treated	2650	250	400-325-270	400-325-270	330-255-200
S2.0.Z.AG	20.22	Aged or solution treated and aged	2900	350	300-235-190	300-235-190	240-175-130
S2.0.C.NS	20.24	Cast or cast and aged	3000	320	240-205-175	240-205-175	215-180-150
		Cobalt base					
S3.0.Z.AN	20.31	Annealed or solution treated	2700	200	-	-	-
S3.0.Z.AG	20.32	Solution treated and aged	3000	300	-	-	-
S3.0.C.NS	20.33	Cast or cast and aged	3100	320	-	-	-
		Titanium alloys ²⁾		Rm ³⁾			
S4.1.Z.UT	23.1	Commercial pure (99.5% Ti)	1300	400	-	-	-
S4.2.Z.AN	23.21	α, near α and α + β alloys, annealed	1400	950	-	-	-
S4.3.Z.AG	23.22	α+β alloys in aged conditions. β alloys. Annealed or aged	1400	1050	-	-	-
ISO H	CMC No.	Hardened material	Specific cutting force k_{c1}	Hardness	<<<< WEAR RESISTANCE		
					CC6050	CB7105	CB7115
					$h_{ex}, \text{ mm} \approx \text{feed } f_n, \text{ mm/r}$		
					0.05-0.15-0.25	0.05-0.15-0.25	0.05-0.15-0.25
MC No.	CMC No.	Material	N/mm ²		Cutting speed (V_c), m/min		
		Hard steel					
H1.1.Z.HA	04.1	Hardened and tempered	2500	45HRC	290-235-175	-	-
H1.1.Z.HA	04.1		3050	50HRC	240-195-145	395-300-250	350-265-225
H1.2.Z.HA	04.1		3650	55HRC	200-165-120	330-250-210	295-225-185
		Extra hard steel					
H1.3.Z.HA	04.1	Hardened and tempered	4300	60HRC	170-140-105	280-215-180	250-190-160
H1.4.Z.HA	04.1		5000	65HRC	145-120-90	240-185-155	215-165-135
		Chilled cast iron					
H2.0.C.UT	10.1	Cast or cast and aged	2250	400 HB	-	-	-

1) The cutting speeds shown in the table are valid for all feeds within the feed range.

2) 30–45° lead angle, positive cutting geometry and coolant should be used.

3) Rm = ultimate tensile strength measured in MPa.

Cutting speed recommendations, metric values

H13A							
0.15-0.8							
1 900 (2400-240) ¹⁾ 1 900 (2400-240) ¹⁾							
1 900 (2400-240) ¹⁾ 1 900 (2400-240) ¹⁾							
400 (500-50) ¹⁾ 250 (315-31) ¹⁾							
450 (560-55) ¹⁾ 450 (560-55) ¹⁾ 270 (340-34) ¹⁾							
CC650	CC670	S05F	GC1105	GC1115	GC1125	H13A	
0.1-0.2	0.1-0.2-0.3	0.1-0.2-0.3	0.1-0.3-0.5	0.1-0.3-0.5	0.1-0.2-0.5	0.1-0.3-0.5	
- -	- -	160-135-110 125-105-85	150-100-70 120-80-60	120-80-55 95-65-50	75-60-45 55-45-35	80-65-50 60-50-40	
400-320 340-265 220-160	385-315-20 325-270-230 295-245-210	100-85-70 90-75-60 80-65-55	90-55-30 80-50-27 70-45-24	70-45-24 65-40-22 60-37-19	45-35-25 35-25-15 23-17-12	50-40-30 40-30-20 25-20-15	
345-260 300-225 285-225	345-255-205 300-225-175 285-225-170	100-85-70 90-75-60 80-65-55	90-60-30 80-50-27 70-45-24	70-45-24 65-40-21 60-37-19	45-35-25 35-25-15 23-17-12	50-40-30 40-30-20 25-20-15	
- - -	- - -	- - -	- - -	185-155-130 80-65-50 75-55-45	- - -	50-40-30 40-30-20 25-20-15	
CB7015	CB7025	CB7525					
0.05-0.15-0.25	0.05-0.15-0.25	0.1-0.25-0.4					
- 350-265-225 295-225-185	- 250-210-185 210-175-155	- 205-165-135 175-140-110					
250-190-160 215-165-135	180-150-135 155-130-115	145-120-95 125-100-80					
-	-	180-150-120					

B

C

D

E

F

G

H

A

Cutting speed recommendations, inch values

The recommendations are valid for use with cutting fluid.

B

ISO P		Steel	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE			
					CT5015	GC1525	GC4305	GC4315
					$h_{ex}, \text{ inch} = \text{feed } f_n, \text{ inch/rev. at } 0^\circ \text{ to } -5^\circ \text{ lead angle}$			
					.002-.004-.008	.002-.004-.008	.004-.016-.031	.004-.016-.031
MC No.	CMC No.	Material	lbs/in ²	HB	Cutting speed v_c , ft/min			
P1.1.Z.AN	01.1	Unalloyed steel C = 0.1–0.25%	216,500	125	2150-1800-1450	1850-1500-1250	2050-1450-1100	1850-1350-990
P1.2.Z.AN	01.2	C = 0.25–0.55%	233,000	150	1900-1550-1250	1600-1350-1100	1850-1300-970	1650-1200-880
P1.3.Z.AN	01.3	C = 0.55–0.80%	247,000	170	1650-1400-1100	1400-1200-960	1750-1250-920	1500-1100-790
P2.1.Z.AN	02.1	Low-alloy steel (alloying elements ≤5%) Non-hardened	249,500	180	1550-1300-1050	1250-1050-830	2000-1350-940	1800-1200-860
P2.1.Z.AN	02.12	Ball bearing steel	259,500	210	-	-	1750-1150-820	1500-990-710
P2.5.Z.HT	02.2	Hardened and tempered	268,000	275	920-770-610	650-540-435	1050-750-570	980-680-510
P2.5.Z.HT	02.2	Hardened and tempered	298,000	350	740-620-495	520-435-350	870-610-460	790-550-415
P3.0.Z.AN	03.11	High-alloy steel (alloying elements >5%) Annealed	282,000	200	1300-1050-820	840-710-570	1450-970-720	1350-880-650
P3.0.Z.HT	03.21	Hardened tool steel	435,500	325	640-530-420	465-370-290	710-460-345	650-415-315
P1.5.C.UT	06.1	Steel castings Unalloyed	225,000	180	850-700-570	740-600-470	1100-770-610	990-700-550
P2.6.C.UT	06.2	Low-alloy (alloying elements ≤5%)	230,500	200	880-730-550	580-470-345	950-670-510	860-610-470
P3.0.C.UT	06.3	High-alloy (alloying elements >5%)	300,500	225	660-550-410	460-365-280	730-490-380	660-450-345

C

ISO M		Stainless steel	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE			
					GC1115	GC1125	GC2015	GC2220
					$h_{ex}, \text{ inch} = \text{feed } f_n, \text{ inch/rev. at } 0^\circ \text{ to } -5^\circ \text{ lead angle}$			
					.004-.008-.012	.004-.008-.012	.008-.016-.024	.008-.016-.024
MC No.	CMC No.	Material	lbs/in ²	HB	Cutting speed (v_c), ft/min			
P5.0.Z.AN	05.11	Ferritic/martensitic Bars/forged Non-hardened	262,000	200	1100-840-650	910-700-550	850-720-650	-
P5.0.Z.PH	05.12	PH-hardened	411,500	330	610-490-390	510-405-325	410-325-260	-
P5.0.Z.HT	05.13	Hardened	340,000	330	650-530-460	540-440-385	475-390-275	-
M1.0.Z.AQ	05.21	Austenitic Bars/forged Austenitic	259,000	180	870-700-530	730-580-445	950-780-620	740-540-400
M1.0.Z.PH	05.22	PH-hardened	414,000	330	610-490-390	510-405-325	425-325-260	330-235-175
M2.0.Z.AQ	05.23	Super austenitic	328,000	200	730-630-510	610-520-420	520-440-325	425-325-245
M3.1.Z.AQ	05.51	Austenitic-ferritic (Duplex) Bars/forged Non-weldable ≥ 0.05%C	286,500	230	830-660-510	690-550-420	720-600-470	620-485-355
M3.2.Z.AQ	05.52	Weldable < 0.05%C	356,500	260	740-550-430	620-455-355	620-490-390	490-390-290
P5.0.C.UT	15.11	Ferritic/martensitic Cast Non-hardened	246,500	200	1050-860-660	870-720-550	820-680-550	-
P5.0.C.UT	15.12	PH-hardened	354,500	330	530-430-310	445-360-260	325-225-180	-
P5.0.C.HT	15.13	Hardened	311,000	330	570-470-350	475-390-290	360-290-195	-
M1.0.C.UT	15.21	Austenitic Cast Austenitic	248,000	180	910-730-560	760-610-465	720-590-455	660-500-370
M2.0.C.AQ	15.22	PH-hardened	356,000	330	530-430-310	445-360-260	345-260-195	275-180-130
M2.0.C.AQ	15.23	Super austenitic	310,500	200	690-590-490	570-490-405	475-375-310	425-290-210
M3.1.C.AQ	15.51	Austenitic-ferritic (Duplex) Cast Non-weldable ≥ 0.05%C	258,000	230	750-550-390	620-455-325	600-490-440	490-390-290
M3.2.C.AQ	15.52	Weldable < 0.05%C	326,000	260	670-510-350	560-420-290	530-455-340	410-340-260

D

E

F

G

ISO K		Cast iron	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE			
					CB7525	CB7925	CC6190	CC650
					$h_{ex}, \text{ inch} = \text{feed } f_n, \text{ inch/rev. at } 0^\circ \text{ to } -5^\circ \text{ lead angle}$			
					.004-.010-.016	.004-.010-.016	.008-.016-.024	.004-.010-.016
MC No.	CMC No.	Material	lbs/in ²	HB	Cutting speed (v_c), ft/min			
K1.1.C.NS	07.1	Malleable cast iron Ferritic (short chipping)	115,000	130	-	-	2650-2150-1800	2600-2300-1950
K1.1.C.NS	07.2	Pearlitic	131,000	230	-	-	2300-1800-1450	2300-1950-1600
K2.1.C.UT	08.1	Gray cast iron Low tensile strength	130,000	180	5600-4650-3950	4750-3950-3400	2900-2350-1950	2650-2300-1950
K2.2.C.UT	08.2	High tensile strength	140,500	220	4800-4000-3450	4100-3400-2900	2600-2000-1650	2500-2100-1750
K3.1.C.UT	09.1	Nodular SG iron Ferritic	130,000	160	-	-	-	2000-1800-1450
K3.3.C.UT	09.2	Pearlitic	194,500	250	-	-	-	1650-1450-1150
K3.4.C.UT	09.3	Martensitic	307,000	380	-	-	-	1150-1000-860

H

Cutting speed recommendations, inch values

TOUGHNESS >>>>									
GC4325	GC4335								
.004-.016-.031	.004-.016-.031								
1400-890-660 1250-800-590 1200-760-560	1400-890-660 1250-800-590 1200-760-560								
980-600-445 820-500-365 600-385-280 485-310-225	980-600-445 820-500-365 600-385-280 485-310-225								
780-500-345 360-225-165	780-500-345 360-225-165								
600-450-335 540-320-235 470-305-220	600-450-335 540-320-235 470-305-220								
TOUGHNESS >>>>									
GC2025	GC2035								
.008-.016-.024	.008-.016-.024								
739-575-427 328-230-148 378-263-181	590-520-420 280-210-145 310-225-160								
624-476-361 328-230-181 427-328-246	560-470-375 280-210-145 330-295-225								
443-328-230 328-230-164	520-440-340 425-360-275								
525-410-296 328-230-148 378-263-181	560-470-375 230-165-130 240-190-160								
558-443-328 279-181-131 427-296-213	490-390-310 230-165-130 330-260-195								
378-279-197 328-230-164	425-360-275 345-310-245								
TOUGHNESS >>>>									
GC3210	GC3225	H13A							
.008-.016-.024	.008-.016-.024	.004-.010-.016							
1250-1050-860 1050-830-700	850-700-600 690-570-490	460-410-360 410-360-295							
1450-1150-990 1150-950-800	980-820-680 790-650-550	590-470-355 460-375-310							
1200-990-810 1050-900-730 800-680-550	780-640-540 700-570-490 540-440-375	445-470-310 410-375-290 330-275-210							

Cutting speed recommendations, inch values

The recommendations are valid for use with cutting fluid.

ISO N	CMC No.	Non-ferrous metals	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CD05	CD10	H10
					$h_{ex}, \text{inch} = \text{feed } f_n, \text{inch/rev. at } 0^\circ \text{ to } -5^\circ \text{ lead angle}$		
					.002-.016	.002-.016	.006-.031
MC No.	CMC No.	Material	lbs/in ²	HB	Cutting speed (v_c), ft/min		
N1.2.Z.UT	30.11	Aluminum alloys					
N1.2.Z.AG	30.12	Wrought or wrought and coldworked, non-aging	58,000	60	-	6550 (8200-820) ¹⁾	6550 (8200-820) ¹⁾
		Wrought or wrought and aged	94,500	100	-	6550 (8200-820) ¹⁾	6550 (8200-820) ¹⁾
N1.3.C.UT		Aluminum alloys					
N1.3.C.AG		Cast, non-aging	87,000	75	6550 (8200-820) ¹⁾	6550 (8200-820) ¹⁾	6550 (8200-820) ¹⁾
		Cast or cast and aged	101,500	90	6550 (8200-820) ¹⁾	6550 (8200-820) ¹⁾	6550 (8200-820) ¹⁾
N1.4.C.NS	30.41	Aluminum alloys					
	30.42	Cast, 13–15% Si	101,500	130	5000 (6250-630) ¹⁾	5000 (6250-630) ¹⁾	1500 (1900-190) ¹⁾
		Cast, 16–22% Si	101,500	130	2500 (3150-315) ¹⁾	2500 (3150-315) ¹⁾	980 (1250-125) ¹⁾
N3.3.U.UT	33.1	Copper and copper alloys					
N3.2.C.UT	33.2	Free cutting alloys, ≥1% Pb	79,500	110	-	1650 (2050-205) ¹⁾	1650 (2050-205) ¹⁾
N3.1.U.UT	33.3	Brass, leaded bronzes, ≤1% Pb	80,000	90	-	1650 (2050-205) ¹⁾	1650 (2050-205) ¹⁾
		Bronze and non-leaded copper incl. electrolytic copper	196,000	100	-	980 (1250-125) ¹⁾	980 (1250-125) ¹⁾
ISO S	CMC No.	Heat resistant material	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CC6160	CC6060	CC6065
					$h_{ex}, \text{inch} = \text{feed } f_n, \text{inch/rev. at } 0^\circ \text{ to } -5^\circ \text{ lead angle}$		
					.004-.008-.012	.004-.008-.012	.004-.008-.012
MC No.	CMC No.	Material	lbs/in ²	HB	Cutting speed (v_c), ft/min		
S1.0.U.AN	20.11	Heat resistant super alloys					
S1.0.U.AG	20.12	Iron base					
		Annealed or solution treated	348,000	200	-	-	-
		Aged or solution treated and aged	359,000	280	-	-	-
S2.0.Z.AN	20.21	Nickel base					
S2.0.Z.AG	20.22	Annealed or solution treated	383,000	250	1300-1050-880	1300-1050-880	1100-830-650
S2.0.C.NS	20.24	Aged or solution treated and aged	420,500	350	980-770-620	980-770-620	790-570-420
		Cast or cast and aged	436,500	320	790-660-570	790-660-570	700-580-485
S3.0.Z.AN	20.31	Cobalt base					
S3.0.Z.AG	20.32	Annealed or solution treated	391,500	200	-	-	-
S3.0.C.NS	20.33	Solution treated and aged	432,000	300	-	-	-
		Cast or cast and aged	450,500	320	-	-	-
S4.1.Z.UT	23.1	Titanium alloys ²⁾		Rm ³⁾			
S4.2.Z.AN	23.21	Commercial pure (99.5% Ti)	188,500	400	-	-	-
S4.3.Z.AG	23.22	α, near α and α + β alloys, annealed	203,000	950	-	-	-
		α+β alloys in aged conditions. β alloys. Annealed or aged	203,000	1050	-	-	-
ISO H	CMC No.	Hardened material	Specific cutting force k_{c1}	Hardness	<<<< WEAR RESISTANCE		
					CC6050	CB7105	CB7115
					$h_{ex}, \text{inch} = \text{feed } f_n, \text{inch/rev. at } 0^\circ \text{ to } -5^\circ \text{ lead angle}$		
					.002-.006-.010	.002-.006-0.10	.002-.006-0.10
MC No.	CMC No.	Material	lbs/in ²		Cutting speed (v_c), ft/min		
H1.1.Z.HA	04.1	Hard steel					
H1.1.Z.HA	04.1	Hardened and tempered	336,000	45HRC	950-770-570	-	-
H1.2.Z.HA	04.1		445,500	50HRC	780-630-470	1300-980-820	1150-870-730
			532,000	55HRC	660-530-395	1100-820-690	960-730-610
H1.3.Z.HA	04.1	Extra hard steel					
H1.4.Z.HA	04.1	Hardened and tempered	625,500	60HRC	560-450-335	920-700-580	820-620-520
			726,500	65HRC	480-390-290	790-600-500	710-530-450
H2.0.C.UT	10.1	Chilled cast iron					
		Cast or cast and aged	326,500	400 HB	-	-	-

1) The cutting speeds shown in the table are valid for all feeds within the feed range.

2) 30–45° lead angle, positive cutting geometry and coolant should be used.

3) Rm = ultimate tensile strength measured in MPa.

Cutting speed recommendations, inch values

H13A							
.006-.031							
6250 (7800-780) ¹⁾ 6250 (7800-780) ¹⁾							
6250 (7800-780) ¹⁾ 6250 (7800-780) ¹⁾							
1300 (1650-165) ¹⁾ 820 (1050-105) ¹⁾							
1500 (1900-190) ¹⁾ 1500 (1900-190) ¹⁾ 890 (1100-110) ¹⁾							
CC650	CC670	S05F	GC1105	GC1115	GC1125	H13A	
.004-.008	.004-.008-.012	.004-.008-.012	.004-.012-.020	.004-.012-.020	.004-.012-.020	.004-.012-.020	
- -	- -	520-435-355 410-345-280	490-325-225 390-260-195	395-260-180 315-210-155	245-195-145 180-145-115	260-210-160 195-165-130	
1300-1050 1100-860 720-520	1250-1050-880 1050-870-740 970-800-680	325-275-225 295-245-200 260-220-180	295-185-95 265-165-85 235-150-75	235-150-75 215-135-70 190-120-60	150-115-80 115-80-50 75-55-39	165-130-95 130-95-65 80-65-50	
1150-840 980-720 930-730	1150-830-660 980-720-570 930-730-550	325-275-225 290-245-200 260-220-180	295-185-95 265-165-85 235-150-75	240-150-75 210-135-70 190-120-60	150-115-80 115-80-50 75-55-39	165-130-95 130-95-65 80-65-50	
- - -	- - -	- - -	- - -	610-500-425 255-205-170 245-180-155	- - -	590-485-410 245-200-165 235-175-150	
CB7015	CB7025	CB7525					
.002-.006-.010	.002-.006-.010	.004-.010-.016					
- 1150-870-730 960-730-610	- 820-690-610 690-580-510	- 680-540-435 570-455-365					
820-620-520 710-530-450	590-490-435 510-425-375	480-385-310 415-330-270					
-	-	590-480-390					

B

C

D

E

F

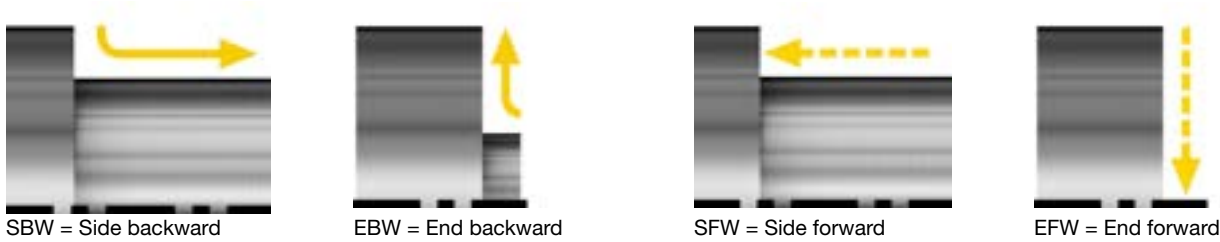
G

H

Cutting data

CoroTurn® Prime

B



C

A-type inserts with screw clamp design on holder

Cutting speed

		SBW mm (inch)	EBW mm (inch)	SFW mm (inch)	EFW mm (inch)
	f_n min	0.20 (.0079)	0.20 (.0079)	0.10 (.0039)	0.10 (.0039)
	f_n rec	0.40 (.0157)	0.40 (.0157)	0.20 (.0079)	0.20 (.0079)
	f_n max	0.50 (.0197)	0.50 (.0197)	0.25 (.0098)	0.25 (.0098)
	a_p min	0.25 (.0100)	0.25 (.0100)	0.25 (.0100)	0.25 (.0100)
	a_p rec	1.50 (.0590)	1.50 (.0590)	1.00 (.0390)	1.00 (.0390)
	a_p max	3.00 (.1180)	2.50 (.0980)	1.50 (.0590)	1.50 (.0590)
	KAPR	30°	25°	115°	120°
	RMPX	15°	10°	15°	10°
	D min3		30		0

Material	v_c m/min
P	250-350
M	100-250
S	40-120

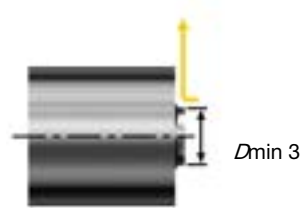
D

B-type inserts with rigid clamp design on holder

		SBW	EBW	SFW	EFW
	f_n min	0.30 (.0118)	0.30 (.0118)	0.20 (.0079)	0.20 (.0079)
	f_n rec	0.60 (.0236)	0.60 (.0236)	0.35 (.0138)	0.30 (.0118)
	f_n max	1.20 (.0472)	1.20 (.0472)	0.60 (.0236)	0.60 (.0236)
	a_p min	0.50 (.0200)	0.50 (.0200)	0.50 (.0200)	0.50 (.0200)
	a_p rec	2.00 (.0790)	1.00 (.0390)	2.00 (.0790)	2.00 (.0790)
	a_p max	4.00 (.1570)	1.50 (.0590)	3.00 (.1180)	3.00 (.1180)
	KAPR	25°	25°	95°	95°
	RMPX	23°	23°	23°	23°
	D min3		40		0

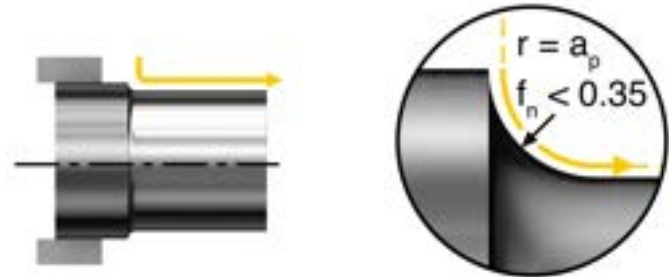
E

Minimum diameter



F

Feed reduction and radial entry required



H

Recommended depth of cut and cutting feed, metric

T-Max® P insert for turning

Insert	Depth of cut			Cutting feed		
	Rec	a_p = mm Min Max		Rec	f_n = mm/rev Min Max	
CNGA090304S01030A	0.1	0.07	0.4	0.1	0.05	0.2
CNGA090304S01030AWH	0.1	0.07	0.4	0.18	0.05	0.25
CNGA090304T01030AWH	0.1	0.07	0.4	0.18	0.05	0.25
CNGA090308S01030A	0.2	0.07	0.8	0.15	0.05	0.3
CNGA090308S01030AWH	0.1	0.07	0.8	0.28	0.05	0.35
CNGA090308S02035A	0.2	0.07	0.8	0.15	0.05	0.3
CNGA090308T01030AWH	0.1	0.07	0.8	0.28	0.05	0.35
CNGA120404S01020A	0.1	0.07	0.4	0.1	0.05	0.2
CNGA120404S01020H	0.1	0.07	0.2	0.1	0.05	0.2
CNGA120404S01030A	0.1	0.07	0.4	0.1	0.05	0.2
CNGA120404S01030AWH	0.1	0.07	0.4	0.18	0.05	0.25
CNGA120404S01525	0.1	0.1	0.5	0.1	0.05	0.2
CNGA120404S01525H	0.1	0.07	0.2	0.1	0.05	0.2
CNGA120404S01525WH	0.1	0.1	0.5	0.1	0.05	0.3
CNGA120404S02035A	0.2	0.07	0.4	0.15	0.05	0.3
CNGA120404S02035B	0.2	0.07	0.4	0.15	0.05	0.3
CNGA120404T01020B	0.1	0.07	0.4	0.1	0.05	0.2
CNGA120404T01020BWG	0.1	0.07	0.4	0.18	0.05	0.25
CNGA120404T01030AWH	0.1	0.07	0.4	0.18	0.05	0.25
CNGA120408EA	0.15	0.07	0.8	0.1	0.05	0.2
CNGA120408S01018A	0.15	0.07	0.8	0.15	0.05	0.3
CNGA120408S01020H	0.2	0.07	0.4	0.15	0.05	0.3
CNGA120408S01030A	0.2	0.07	0.8	0.15	0.05	0.3
CNGA120408S01030AWG	0.1	0.07	0.8	0.28	0.05	0.35
CNGA120408S01030AWH	0.1	0.07	0.8	0.28	0.05	0.35
CNGA120408S01520HWG	0.1	0.07	0.4	0.28	0.05	0.35
CNGA120408S01520HWH	0.1	0.07	0.4	0.28	0.05	0.35
CNGA120408S01525	0.2	0.1	1	0.1	0.05	0.3
CNGA120408S01525H	0.2	0.07	0.4	0.15	0.05	0.3
CNGA120408S01525WH	0.1	0.1	1	0.15	0.05	0.35
CNGA120408S01530B	0.15	0.1	1	0.15	0.05	0.3
CNGA120408S02030H	0.2	0.07	0.4	0.15	0.05	0.3
CNGA120408S02035A	0.2	0.07	0.8	0.15	0.05	0.3
CNGA120408S02035AWH	0.1	0.05	0.4	0.2	0.05	0.35
CNGA120408S02035B	0.2	0.07	0.8	0.15	0.05	0.3
CNGA120408T01020	1.2	0.1	3.6	0.1	0.07	0.2
CNGA120408T01020B	0.15	0.07	0.8	0.15	0.05	0.3
CNGA120408T01020BWG	0.1	0.07	0.8	0.28	0.05	0.35
CNGA120408T01020WG	3.6	0.1	6	0.25	0.15	0.36
CNGA120408T01030A	0.2	0.07	0.8	0.15	0.05	0.3
CNGA120408T01030AWH	0.1	0.07	0.8	0.28	0.05	0.35
CNGA120408T01525	0.2	0.1	1	0.1	0.05	0.3
CNGA120408T01525WH	0.2	0.1	1	0.15	0.05	0.35
CNGA120408T02520	3	2	4	0.5	0.3	0.56
CNGA120412EA	0.15	0.07	1.2	0.1	0.05	0.2
CNGA120412S01018A	0.2	0.07	1.2	0.2	0.05	0.4
CNGA120412S01020H	0.2	0.07	0.6	0.2	0.05	0.3
CNGA120412S01030A	0.2	0.07	1.2	0.2	0.05	0.3
CNGA120412S01030AWG	0.2	0.07	1.2	0.32	0.05	0.4
CNGA120412S01030AWH	0.2	0.07	1.2	0.32	0.05	0.4
CNGA120412S01520HWG	0.2	0.07	0.6	0.32	0.05	0.4
CNGA120412S01520HWH	0.2	0.07	0.6	0.32	0.05	0.4
CNGA120412S01525	0.3	0.1	1.5	0.15	0.05	0.35
CNGA120412S01525H	0.2	0.07	0.6	0.2	0.05	0.3
CNGA120412S01525WH	0.3	0.1	1.5	0.2	0.05	0.35
CNGA120412S01530B	0.2	0.1	1.5	0.2	0.05	0.3
CNGA120412S02030H	0.2	0.07	0.6	0.2	0.05	0.3
CNGA120412S02035A	0.2	0.07	1.2	0.2	0.05	0.3
CNGA120412S02035B	0.2	0.07	1.2	0.2	0.05	0.3
CNGA120412T01020	1.2	0.1	3.6	0.14	0.07	0.3
CNGA120412T01020B	0.2	0.07	1.2	0.2	0.05	0.4
CNGA120412T01020WG	3.6	0.1	6	0.45	0.15	0.54
CNGA120412T01030A	0.2	0.07	1.2	0.2	0.05	0.3
CNGA120412T01030AWH	0.2	0.07	1.2	0.32	0.05	0.4
CNGA120412T02520	3	2	4	0.5	0.3	0.6
CNGA120416S01030A	0.6	0.07	1.6	0.5	0.05	0.5
CNGA120416S01030A	0.6	0.07	1.6	0.5	0.05	0.7
CNGA120416S01525H	0.2	0.07	0.8	0.2	0.05	0.5
CNGA120416S02035A	0.2	0.07	1.6	0.2	0.05	0.3
CNGA120416T01020	1.2	0.1	3.6	0.19	0.07	0.3
CNGA120416T01020WG	3.6	0.1	6	0.6	0.15	0.6
CNGA120416T02520	3	2	4	0.5	0.3	0.6
CNGA160608T01020	1.6	0.1	4.8	0.1	0.07	0.2
CNGA160612T01020	1.6	0.1	4.8	0.14	0.07	0.3

Insert	Depth of cut			Cutting feed		
	Rec	a_p = mm Min Max		Rec	f_n = mm/rev Min Max	
CNGA160612T02520	4.8	0.1	8	0.3	0.15	0.54
CNGA160616T02520	4.8	0.1	8	0.4	0.15	0.6
CNGA190616T02520	5.7	0.1	9.5	0.4	0.15	0.6
CNGG120401-SGF	0.1	0.05	3	0.03	0.01	0.08
CNGG120402-SGF	0.2	0.08	3	0.04	0.02	0.1
CNGG120404-SGF	0.3	0.1	3	0.12	0.05	0.25
CNGG120408-SGF	0.5	0.2	3	0.15	0.1	0.3
CNGG120412-SGF	0.8	0.3	4	0.18	0.1	0.35
CNGQ120708T02520	3.6	0.1	6	0.2	0.15	0.36
CNGQ120708T02520WG	3.6	0.1	6	0.3	0.15	0.36
CNGQ120712T02520	3.6	0.1	6	0.3	0.15	0.54
CNGQ120712T02520WG	3.6	0.1	6	0.45	0.15	0.54
CNGQ120716T02520	3.6	0.1	6	0.4	0.15	0.6
CNGX120712T02520	3.6	0.1	6	0.3	0.15	0.54
CNGX120716T02520	3.6	0.1	6	0.4	0.15	0.6
CNGX1204L025-18AXA	0.20	0.15	0.25	0.35	0.25	0.45
CNGX1204L025-18HXA	0.20	0.15	0.25	0.35	0.25	0.45
CNMA120404-KR	2.5	0.2	5	0.2	0.1	0.3
CNMA120408-KR	4	0.2	8	0.35	0.15	0.6
CNMA120412-KR	4	0.3	8	0.45	0.2	0.8
CNMA120416-KR	4	0.3	8	0.55	0.2	1
CNMA160612-KR	5	0.3	10	0.45	0.2	0.8
CNMA160616-KR	5	0.3	10	0.55	0.2	1
CNMA190608-KR	6	0.2	12	0.35	0.15	0.6
CNMA190612-KR	6	0.3	12	0.45	0.2	0.8
CNMA190616-KR	6	0.3	12	0.55	0.2	1
CNMA190624-KR	6	0.4	12	0.6	0.2	1.19
CNMG090304-MF	0.4	0.1	1.5	0.15	0.05	0.25
CNMG090304-MM	1.5	0.15	4	0.25	0.1	0.4
CNMG090304-PF	0.4	0.25	1.5	0.15	0.07	0.3
CNMG090304-PM	2	0.4	4	0.2	0.1	0.3
CNMG090304-QM	3	1	4.5	0.25	0.18	0.3
CNMG090304-WF	0.5	0.3	1.5	0.15	0.05	0.25
CNMG090308-MF	0.4	0.1	1.5	0.2	0.1	0.35
CNMG090308-MM	2	0.5	4	0.25	0.1	0.4
CNMG090308-PF	0.4	0.3	1.5	0.15	0.1	0.3
CNMG090308-PM	2	0.5	4	0.3	0.15	0.5
CNMG090308-QM	3	1	4.5	0.35	0.2	0.5
CNMG090308-WF	1	0.3	2	0.3	0.1	0.3
CNMG120404-KF	0.5	0.15	2	0.15	0.08	0.25
CNMG120404-MF	0.4	0.1	1.5	0.15	0.05	0.3
CNMG120404-PF	0.4	0.25	1.5	0.15	0.07	0.3
CNMG120404-PM	3	0.4	5.5	0.2	0.1	0.3
CNMG120404-QM	3	1	6	0.25	0.18	0.3
CNMG120404-SF	0.4	0.15	1.5	0.12	0.08	0.22
CNMG120404-SM	1.5	0.15	2.5	0.2	0.1	0.3
CNMG120404-WF	0.4	0.25	3	0.25	0.05	0.25
CNMG120404-XF	0.75	0.15	4	0.15	0.05	0.2
CNMG120404-XM	2.5	0.3	5	0.18	0.08	0.3
CNMG120408-KF	0.5	0.15	2	0.2	0.1	0.3
CNMG120408-KM	3	0.2	6	0.35	0.15	0.5
CNMG120408-KR	3.5	0.38	7	0.38	0.19	0.53
CNMG120408-MF	0.4	0.1	1.5	0.2	0.1	0.4
CNMG120408-MM	3	0.5	5.7	0.25	0.1	0.45
CNMG120408-MR	3	2	7.6	0.3	0.15	0.55
CNMG120408-PF	0.4	0.3	1.5	0.2	0.1	0.4
CNMG120408-PM	3	0.5	5.5	0.3	0.15	0.5
CNMG120408-PR	4	0.7	7	0.35	0.2	0.5
CNMG120408-QM	3	1	6	0.35	0.2	0.5
CNMG120408-SF	0.5	0.2	1.5	0.15	0.1	0.25
CNMG120408-SM	2	0.2	3	0.25	0.1	0.35
CNMG120408-SMR	2	0.5	4	0.3	0.1	0.4
CNMG120408-WF	1	0.25	4	0.3	0.1	0.5
CNMG120408-WMX	3	0.5	5	0.45	0.15	0.7
CNMG120408-XF	1	0.2	4	0.2	0.05	0.25
CNMG120408-XM	2.5	0.5	5	0.25	0.1	0.4
CNMG120408-XMR	3	0.5	6	0.3	0.15	0.5
CNMG120412-KF	1	0.2	2.5	0.25	0.1	0.35
CNMG120412-KM	3	0.3	6	0.4	0.15	0.6
CNMG120412-KR	3.5	0.5	7	0.5	0.25	0.7
CNMG120412-MF	0.8	0.2	2.5	0.25	0.15	0.5
CNMG120412-MM	3	0.5	5.7	0.3	0.1	0.6
CNMG120412-MR	3	2	7.6	0.35	0.15	0.6
CNMG120412-PF	0.8	0.35	1.5	0.25	0.15	0.5

Recommended depth of cut and cutting feed, metric

T-Max® P insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = mm			f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
CNMG120412-PM	3	0.8	5.5	0.35	0.18	0.6
CNMG120412-PR	4	1	7	0.4	0.25	0.7
CNMG120412-QM	3	1	6	0.35	0.25	0.6
CNMG120412-SF	0.8	0.4	2	0.17	0.12	0.3
CNMG120412-SM	2	0.3	3.5	0.28	0.12	0.38
CNMG120412-SMR	2	0.5	4	0.32	0.12	0.42
CNMG120412-WF	1.5	0.4	4	0.5	0.2	0.6
CNMG120412-WM	3.5	0.8	6	0.5	0.2	0.9
CNMG120412-WMX	3.5	0.8	6	0.5	0.2	0.75
CNMG120412-XM	3	0.7	5	0.3	0.15	0.45
CNMG120412-XMR	3	0.75	6	0.32	0.18	0.55
CNMG120416-KM	3	0.3	6	0.45	0.2	0.7
CNMG120416-KR	3.5	0.75	7	0.61	0.28	0.85
CNMG120416-MR	3	2	7.6	0.4	0.15	0.7
CNMG120416-PM	3	1	5.5	0.4	0.23	0.65
CNMG120416-PR	4	1.5	7	0.5	0.32	0.75
CNMG120416-QM	3	1	6	0.4	0.3	0.65
CNMG120416-SMR	2	0.5	4	0.35	0.15	0.45
CNMG120416-XMR	3.5	1	6	0.35	0.21	0.6
CNMG160604-QM	3	1	8	0.25	0.18	0.3
CNMG160608-KM	4	0.2	8	0.35	0.15	0.5
CNMG160608-MM	4	0.5	7.2	0.25	0.1	0.45
CNMG160608-PM	4	0.5	7.2	0.3	0.15	0.5
CNMG160608-PR	5	0.7	8	0.35	0.2	0.5
CNMG160608-QM	3	1	8	0.35	0.2	0.5
CNMG160608-SM	3	0.5	8	0.3	0.17	0.5
CNMG160608-WM	3.5	0.7	6.5	0.4	0.2	0.7
CNMG160608-WMX	3	0.5	5	0.45	0.15	0.7
CNMG160612-KM	4	0.3	8	0.4	0.15	0.6
CNMG160612-KR	4.7	0.8	9.3	0.55	0.28	0.77
CNMG160612-MM	4	0.5	7.2	0.3	0.1	0.6
CNMG160612-MR	4	2	10	0.35	0.15	0.6
CNMG160612-PM	4	0.8	7.2	0.35	0.18	0.6
CNMG160612-PR	5	1	8	0.4	0.25	0.7
CNMG160612-QM	3	1	8	0.35	0.25	0.6
CNMG160612-SM	4	1	6	0.25	0.2	0.35
CNMG160612-WM	3.5	0.7	6.5	0.4	0.2	0.7
CNMG160612-WMX	3.5	0.8	6	0.5	0.2	0.75
CNMG160612-XMR	4	1	7	0.4	0.2	0.65
CNMG160616-KM	4	0.3	8	0.45	0.2	0.7
CNMG160616-KR	4.7	1	9.3	0.61	0.3	0.85
CNMG160616-MM	4	0.5	7.2	0.37	0.1	0.65
CNMG160616-MR	4	2	10	0.4	0.15	0.7
CNMG160616-PM	4	1	7.2	0.4	0.23	0.65
CNMG160616-PR	5	1.5	8	0.5	0.3	0.8
CNMG160616-QM	3	1	8	0.35	0.3	0.55
CNMG160616-SM	4	1	6	0.3	0.25	0.4
CNMG160616-SMR	4	1	6	0.4	0.3	0.5
CNMG160616-XMR	4	1	7	0.45	0.25	0.7
CNMG160624-PR	5	2	8	0.5	0.32	0.9
CNMG190604-QM	3	1	8	0.25	0.18	0.3
CNMG190608-MM	4	0.5	8.5	0.25	0.1	0.45
CNMG190608-PM	4	0.5	8.6	0.3	0.15	0.5
CNMG190608-PR	5	0.7	10	0.35	0.2	0.5
CNMG190608-QM	3	1	8	0.35	0.2	0.5
CNMG190608-SM	4	0.5	8	0.3	0.15	0.5
CNMG190612-KM	4.5	0.3	9	0.4	0.15	0.6
CNMG190612-KR	7	1	14	0.55	0.28	0.77
CNMG190612-MM	4	0.5	8.5	0.3	0.1	0.6
CNMG190612-MR	4	2	11.4	0.35	0.15	0.6
CNMG190612-PM	4	0.8	8.6	0.35	0.18	0.6
CNMG190612-PR	5	1	10	0.4	0.25	0.7
CNMG190612-QM	3	1	8	0.35	0.25	0.6
CNMG190612-SM	2	0.5	9	0.3	0.2	0.5
CNMG190612-SMR	6	1	9	0.35	0.25	0.42
CNMG190612-XMR	4	1	8.5	0.45	0.25	0.7
CNMG190616-KM	4.5	0.3	9	0.45	0.2	0.7
CNMG190616-KR	7	1.5	14	0.61	0.3	0.85
CNMG190616-MM	4	0.5	8.5	0.37	0.1	0.65
CNMG190616-MR	4	2	11.4	0.4	0.15	0.7
CNMG190616-PM	4	1	8.6	0.4	0.23	0.65
CNMG190616-PR	5	1.5	10	0.5	0.3	0.8
CNMG190616-QM	3	1	8	0.4	0.3	0.65

Insert	Depth of cut			Cutting feed		
	a_p = mm			f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
CNMG190616-SM	6	1	9	0.3	0.25	0.4
CNMG190616-SMR	6	1	9	0.4	0.3	0.5
CNMG190624-MR	4	2	11.4	0.5	0.15	1
CNMG190624-PR	5	2	10	0.5	0.32	0.9
CNMM120408-MR	3	0.7	7.5	0.35	0.2	0.55
CNMM120408-PR	5	0.7	7.5	0.4	0.2	0.55
CNMM120412-MR	3	1	7.5	0.4	0.25	0.7
CNMM120412-PR	5	1	7.5	0.5	0.25	0.7
CNMM120416-MR	3	1.5	7.5	0.5	0.32	0.9
CNMM120416-PR	5	1.5	7.5	0.55	0.32	0.9
CNMM160608-PR	6	0.7	9.5	0.4	0.2	0.55
CNMM160612-MR	6	1.2	9.5	0.45	0.32	0.65
CNMM160612-PR	6	1	9.5	0.5	0.25	0.7
CNMM160616-MR	6	1.5	9.5	0.5	0.35	0.8
CNMM160616-PR	6	1.5	9.5	0.55	0.32	0.9
CNMM190612-MR	7	1.5	12	0.5	0.32	0.7
CNMM190612-PR	6	1	12	0.5	0.25	0.7
CNMM190616-MR	7	1.8	12	0.55	0.35	0.9
CNMM190616-PR	6	1.5	12	0.55	0.32	0.9
CNMM190624-MR	7	2.5	12	0.6	0.4	1.2
CNMM190624-PR	6	2	12	0.55	0.35	1.2
CNMX1204A1-SM	1	0.5	1.5	0.25	0.13	0.35
CNMX1204A2-SM	2	0.5	2.5	0.25	0.13	0.35
DNGA110404S01020A	0.1	0.07	0.4	0.1	0.05	0.2
DNGA110404S01030A	0.1	0.07	0.4	0.1	0.05	0.2
DNGA110404S01525H	0.1	0.07	0.2	0.1	0.05	0.2
DNGA110404T01020B	0.1	0.07	0.4	0.1	0.05	0.2
DNGA110408S01020A	0.15	0.07	0.8	0.15	0.05	0.3
DNGA110408S01030A	0.2	0.07	0.8	0.15	0.05	0.3
DNGA110408S01525H	0.2	0.07	0.4	0.15	0.05	0.3
DNGA110408S02035A	0.2	0.07	0.8	0.15	0.05	0.3
DNGA110408T01020B	0.15	0.07	0.8	0.15	0.05	0.3
DNGA110412S01030A	0.2	0.07	1.2	0.2	0.05	0.3
DNGA110412S01525H	0.2	0.07	0.6	0.2	0.05	0.3
DNGA150404S01020A	0.1	0.07	0.4	0.1	0.05	0.2
DNGA150404S01030A	0.1	0.07	0.4	0.1	0.05	0.2
DNGA150404S01525	0.1	0.1	0.5	0.1	0.05	0.2
DNGA150404S01525H	0.1	0.07	0.2	0.1	0.05	0.2
DNGA150404S02035A	0.2	0.07	0.4	0.15	0.05	0.3
DNGA150408EA	0.15	0.07	0.8	0.1	0.05	0.2
DNGA150408S01020A	0.1	0.07	0.8	0.1	0.05	0.2
DNGA150408S01030A	0.2	0.07	0.8	0.15	0.05	0.3
DNGA150408S01030AWH	0.1	0.07	0.8	0.28	0.05	0.35
DNGA150408S01520HWH	0.2	0.07	0.6	0.32	0.05	0.4
DNGA150408S01525	0.2	0.1	1	0.1	0.05	0.3
DNGA150408S01525H	0.2	0.07	0.6	0.2	0.05	0.3
DNGA150408S01530B	0.2	0.1	0.8	0.15	0.05	0.3
DNGA150408S02030H	0.2	0.07	0.2	0.15	0.05	0.3
DNGA150408S02035A	0.2	0.07	0.4	0.15	0.05	0.3
DNGA150408S02035AWH	0.1	0.07	0.8	0.28	0.05	0.35
DNGA150408T01020	1.5	0.1	4.5	0.1	0.07	0.2
DNGA150408T01525	0.2	0.1	1	0.1	0.05	0.3
DNGA150408T02520	4.5	0.1	7.5	0.2	0.15	0.36
DNGA150412EA	0.15	0.07	1.2	0.1	0.05	0.2
DNGA150412S01030A	0.2	0.07	1.2	0.2	0.05	0.3
DNGA150412S01030AWH	0.2	0.07	1.2	0.32	0.05	0.4
DNGA150412S01520HWH	0.2	0.07	0.6	0.32	0.05	0.4
DNGA150412S01525	0.3	0.1	1.5	0.15	0.05	0.35
DNGA150412S01525H	0.2	0.07	0.6	0.2	0.05	0.3
DNGA150412S01530B	0.2	0.1	0.8	0.2	0.05	0.3
DNGA150412S02030H	0.2	0.07	0.6	0.2	0.05	0.3
DNGA150412S02035A	0.2	0.07	1.2	0.2	0.05	0.3
DNGA150412T01020	1.5	0.1	4.5	0.14	0.07	0.3
DNGA150412T02520	4.5	0.1	7.5	0.3	0.15	0.54
DNGA150416S01030A	0.6	0.07	1.6	0.5	0.05	0.7
DNGA150416S01525H	0.2	0.07	0.8	0.3	0.05	0.5
DNGA150416T01020	1.5	0.1	4.5	0.19	0.07	0.3
DNGA150604S01525	0.1	0.1	0.5	0.1	0.05	0.2
DNGA150608S01525	0.2	0.1	1	0.1	0.05	0.3
DNGA150608T01525	0.2	0.1	1	0.1	0.05	0.3
DNGA150612S01525	0.3	0.1	1.5	0.15	0.05	0.35
DNGG150401-SGF	0.1	0.05	3	0.03	0.01	0.08
DNGG150402-SGF	0.2	0.08	3	0.04	0.02	0.1

Recommended depth of cut and cutting feed, metric

T-Max® P insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = mm			f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
DNGG150404-SGF	0.3	0.1	3	0.12	0.05	0.2
DNGG150408-SGF	0.5	0.2	3	0.15	0.1	0.25
DNGG150412-SGF	0.8	0.3	3	0.18	0.1	0.3
DNGG150604-SGF	0.3	0.1	3	0.12	0.05	0.2
DNGG150608-SGF	0.5	0.2	3	0.15	0.1	0.25
DNGG150612-SGF	0.8	0.3	3	0.18	0.1	0.3
DNGQ150708T02520	4.5	0.1	7.5	0.2	0.15	0.36
DNGQ150712T02520	4.5	0.1	7.5	0.3	0.15	0.54
DNGQ150716T02520	4.5	0.1	7.5	0.4	0.15	0.6
DNMA150408-KR	3	0.2	6	0.35	0.15	0.6
DNMA150412-KR	3	0.3	6	0.45	0.2	0.8
DNMA150608-KR	3	0.2	6	0.35	0.15	0.6
DNMA150612-KR	3	0.3	6	0.45	0.2	0.8
DNMA150616-KR	3	0.3	6	0.55	0.2	1
DNMG110404-KF	0.5	0.15	2	0.15	0.08	0.25
DNMG110404-MF	0.4	0.1	1.5	0.15	0.05	0.3
DNMG110404-PF	0.4	0.25	1.5	0.15	0.07	0.3
DNMG110404-PM	2	0.4	5	0.2	0.1	0.3
DNMG110404-QM	3	1	5.5	0.25	0.18	0.3
DNMG110404-SF	0.4	0.15	1.5	0.12	0.08	0.22
DNMG110404-SM	1	0.4	4	0.15	0.1	0.3
DNMG110408-KF	0.5	0.15	2	0.2	0.1	0.3
DNMG110408-KM	2	0.2	3.5	0.35	0.15	0.5
DNMG110408-MF	0.4	0.1	1.5	0.2	0.1	0.4
DNMG110408-MM	2	0.5	4.4	0.25	0.1	0.45
DNMG110408-PF	0.4	0.3	1.5	0.2	0.1	0.4
DNMG110408-PM	2	0.5	5	0.3	0.15	0.5
DNMG110408-QM	3	1	5.5	0.35	0.2	0.5
DNMG110408-SF	0.5	0.2	1.5	0.15	0.1	0.25
DNMG110412-KM	2	0.3	3.5	0.4	0.15	0.6
DNMG110412-MM	2	0.5	4.4	0.3	0.1	0.6
DNMG110412-PF	0.8	0.35	1.5	0.25	0.15	0.5
DNMG110412-PM	2	0.8	5	0.35	0.18	0.5
DNMG110412-QM	3	1	5.5	0.35	0.25	0.6
DNMG150404-KF	0.5	0.15	2	0.15	0.08	0.25
DNMG150404-L-K	2.5	0.7	5	0.22	0.14	0.3
DNMG150404-MF	0.4	0.1	1.5	0.15	0.05	0.3
DNMG150404-PM	3	0.4	6	0.2	0.1	0.3
DNMG150404-QM	3	1	7.5	0.25	0.18	0.3
DNMG150404R-K	2.5	0.7	5	0.22	0.14	0.3
DNMG150404-SF	0.4	0.15	1.5	0.12	0.08	0.22
DNMG150404-SM	1.5	0.15	2	0.2	0.1	0.25
DNMG150404-XF	0.75	0.15	4	0.15	0.05	0.2
DNMG150404-XM	2.5	0.3	5	0.18	0.08	0.25
DNMG150408-KF	0.5	0.15	2	0.2	0.1	0.3
DNMG150408-KM	2.5	0.2	5	0.35	0.15	0.5
DNMG150408-KR	3.5	0.38	7	0.34	0.17	0.47
DNMG150408-MF	0.4	0.1	1.5	0.2	0.1	0.4
DNMG150408-MR	3	2	6	0.3	0.15	0.55
DNMG150408-PF	0.4	0.3	1.5	0.2	0.1	0.4
DNMG150408-PM	3	0.5	6	0.3	0.15	0.5
DNMG150408-PR	4	0.7	6	0.35	0.2	0.5
DNMG150408-QM	3	1	7.5	0.35	0.2	0.5
DNMG150408R-K	3	0.8	5	0.3	0.14	0.5
DNMG150408-SF	0.5	0.2	1.5	0.15	0.1	0.25
DNMG150408-SM	2	0.2	2.5	0.22	0.1	0.28
DNMG150408-SMR	1.5	0.15	2.5	0.2	0.1	0.25
DNMG150408-XF	1	0.2	4	0.2	0.05	0.25
DNMG150408-XM	2.5	0.5	5	0.25	0.1	0.4
DNMG150412-KM	2.5	0.3	5	0.4	0.15	0.6
DNMG150412-KR	3.5	0.5	7	0.45	0.23	0.63
DNMG150412-MF	0.8	0.2	2.5	0.25	0.15	0.5
DNMG150412-MR	3	2	6	0.35	0.15	0.6
DNMG150412-PF	0.8	0.35	1.5	0.25	0.15	0.5
DNMG150412-PM	3	0.8	6	0.35	0.18	0.6
DNMG150412-PR	4	1	6	0.4	0.25	0.7
DNMG150412-QM	3	1	7.5	0.35	0.25	0.6
DNMG150412-SM	2	0.3	3	0.25	0.12	0.3
DNMG150412-SMR	2	0.2	3	0.22	0.1	0.3
DNMG150416-MR	3	2	6	0.4	0.15	0.7
DNMG150416-PR	4	1.5	6	0.5	0.3	0.75
DNMG150604-KF	0.5	0.15	2	0.15	0.08	0.25
DNMG150604-L-K	2.5	0.7	5	0.22	0.14	0.3

Insert	Depth of cut			Cutting feed		
	a_p = mm			f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
DNMG150604-MF	0.4	0.1	1.5	0.15	0.05	0.3
DNMG150604-PF	0.4	0.25	1.5	0.15	0.07	0.3
DNMG150604-PM	3	0.4	6	0.2	0.1	0.3
DNMG150604-QM	3	1	7.5	0.25	0.18	0.3
DNMG150604R-K	2.5	0.7	5	0.22	0.14	0.3
DNMG150604-SF	0.4	0.15	1.5	0.12	0.08	0.22
DNMG150604-SM	1.5	0.15	2	0.2	0.1	0.25
DNMG150604-XF	0.75	0.15	4	0.15	0.05	0.2
DNMG150604-XM	2.5	0.5	5	0.25	0.1	0.35
DNMG150608-KF	0.5	0.15	2	0.2	0.1	0.3
DNMG150608-KM	2.5	0.2	5	0.35	0.15	0.5
DNMG150608-KR	3.5	0.38	7	0.34	0.17	0.47
DNMG150608L-K	3	0.8	5	0.3	0.14	0.5
DNMG150608-MF	0.4	0.1	1.5	0.2	0.1	0.4
DNMG150608-MM	3	0.5	6.4	0.25	0.1	0.45
DNMG150608-MR	3	2	6	0.3	0.15	0.55
DNMG150608-PF	0.4	0.3	1.5	0.2	0.1	0.4
DNMG150608-PM	3	0.5	6	0.3	0.15	0.5
DNMG150608-PR	4	0.7	6	0.35	0.2	0.5
DNMG150608-QM	3	1	7.5	0.35	0.2	0.5
DNMG150608R-K	3	0.8	5	0.3	0.14	0.5
DNMG150608-SF	0.5	0.2	1.5	0.15	0.1	0.25
DNMG150608-SM	2	0.2	2.5	0.22	0.1	0.28
DNMG150608-SMR	1.5	0.15	2.5	0.2	0.1	0.25
DNMG150608-XF	1	0.2	4	0.2	0.05	0.25
DNMG150608-XM	2.5	0.5	5	0.25	0.1	0.4
DNMG150612-KF	1	0.2	2.5	0.25	0.1	0.35
DNMG150612-KM	2.5	0.3	5	0.4	0.15	0.6
DNMG150612-KR	3.5	0.5	7	0.45	0.23	0.63
DNMG150612-MF	0.8	0.2	2.5	0.25	0.15	0.5
DNMG150612-MM	3	0.5	6.4	0.3	0.1	0.6
DNMG150612-MR	3	2	6	0.35	0.15	0.6
DNMG150612-PF	0.8	0.35	1.5	0.25	0.15	0.5
DNMG150612-PM	3	0.8	6	0.35	0.18	0.6
DNMG150612-PR	4	1	6	0.4	0.25	0.7
DNMG150612-QM	3	1	7.5	0.35	0.25	0.6
DNMG150612-SF	0.8	0.4	2	0.17	0.12	0.3
DNMG150612-SM	2	0.3	3	0.25	0.12	0.3
DNMG150612-SMR	2	0.2	3	0.22	0.1	0.3
DNMG150612-XM	3	0.7	5	0.28	0.15	0.45
DNMG150612-XMR	3	0.75	6	0.3	0.18	0.5
DNMG150616-KR	3.5	0.75	7	0.5	0.25	0.69
DNMG150616-MR	3	2	6	0.4	0.15	0.7
DNMG150616-PM	3	1	6	0.4	0.23	0.65
DNMG150616-PR	4	1.5	6	0.5	0.32	0.75
DNMG150616-QM	3	1	7.5	0.4	0.3	0.65
DNMG150616-SMR	2	0.3	3	0.25	0.12	0.3
DNMG190608-PR	5	1	8	0.35	0.2	0.5
DNMG190612-PR	5	1.2	8	0.4	0.25	0.7
DNMM150608-MR	3	0.7	6	0.35	0.2	0.55
DNMM150608-PR	5	0.7	6	0.4	0.2	0.55
DNMM150612-MR	3	1	6	0.4	0.25	0.7
DNMM150612-PR	5	1	6	0.5	0.25	0.7
DNMM150616-PR	5	1.5	6	0.55	0.32	0.9
DNMX110404-WF	1	0.2	1.5	0.2	0.08	0.3
DNMX110408-WF	1	0.2	3	0.3	0.1	0.4
DNMX110408-WM	1.5	0.5	3.5	0.35	0.15	0.5
DNMX110412-WM	2	0.5	4	0.45	0.15	0.6
DNMX150408-WM	2	0.5	4.5	0.35	0.15	0.5
DNMX150408-WMX	3	0.5	5	0.45	0.15	0.7
DNMX150412-WM	2.5	0.5	5	0.45	0.15	0.6
DNMX150412-WMX	3.5	0.8	6	0.5	0.2	0.75
DNMX150416-WM	3.5	0.5	6	0.6	0.2	0.8
DNMX150416-WMX	3.5	0.5	6	0.5	0.2	0.8
DNMX150604-WF	0.8	0.2	3	0.2	0.08	0.3
DNMX150608-WF	1.5	0.2	3	0.3	0.1	0.4
DNMX150608-WMX	3	0.5	5	0.45	0.15	0.7
DNMX150612-WF	1.5	0.4	3.5	0.4	0.15	0.55
DNMX150612-WM	2.5	0.5	5	0.45	0.15	0.6
DNMX150616-WMX	3.5	0.8	6	0.5	0.2	0.75
DNMX150616-WM	3.5	0.5	6	0.6	0.2	0.8
DNMX150616-WMX	3.5	0.5	6	0.5	0.2	0.8
RCMX100300	2.5	1	4	0.16	0.06	0.32

Recommended depth of cut and cutting feed, metric

T-Max® P insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = mm			f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
RCMX100300E	2.5	1	4	0.16	0.06	0.32
RCMX120400	3	1.2	4.8	0.19	0.08	0.38
RCMX120400E	3	1.2	4.8	0.19	0.08	0.38
RCMX160600	4	1.6	6.4	0.25	0.1	0.51
RCMX200600	5	2	8	0.32	0.13	0.63
RNMG120400T01020	1.8	0.1	3.6	0.15	0.1	0.3
RNMG090300	2.25	0.9	4.5	0.14	0.06	0.28
RNMG090300	2.25	0.9	4.5	0.14	0.06	0.28
RNMG120400	3	1.2	4.8	0.18	0.07	0.37
RNMG120400	3	1.2	4.8	0.18	0.07	0.37
RNMG150600	3.75	1.5	7.5	0.23	0.1	0.46
RNMG190600	4.25	1.9	7.6	0.3	0.12	0.6
RNMG190600	4.25	1.9	7.6	0.3	0.12	0.6
RNMG190600-SM	4	2	8	0.45	0.15	0.5
SNGA090308S01030A	0.2	0.07	0.8	0.16	0.05	0.31
SNGA120408S01030A	0.2	0.07	0.8	0.16	0.05	0.31
SNGA120408S01525	0.2	0.1	1	0.1	0.05	0.31
SNGA120408T01020	1.2	0.1	3.6	0.1	0.07	0.21
SNGA120408T01020B	0.15	0.07	0.8	0.16	0.05	0.31
SNGA120408T01525	0.2	0.1	1	0.1	0.05	0.31
SNGA120408T02520	3	2	4	0.52	0.31	0.58
SNGA120412S01030A	0.2	0.07	1.2	0.21	0.05	0.31
SNGA120412S01525	0.3	0.1	1.5	0.16	0.05	0.36
SNGA120412S01525F	0.2	0.07	0.6	0.21	0.05	0.31
SNGA120412S02035A	0.2	0.07	1.2	0.16	0.05	0.31
SNGA120412S02035B	0.2	0.07	1.2	0.16	0.05	0.31
SNGA120412T01020	1.2	0.1	3.6	0.14	0.07	0.31
SNGA120412T01020B	0.2	0.07	1.2	0.21	0.05	0.41
SNGA120412T02520	3	2	4	0.52	0.31	0.62
SNGA120416T01020	1.2	0.1	3.6	0.2	0.07	0.31
SNGA120416T02520	3	2	4	0.52	0.31	0.62
SNGQ120708T02520	3.6	0.1	6	0.21	0.16	0.37
SNGQ120712T02520	3.6	0.1	6	0.31	0.16	0.56
SNGQ120716T02520	3.6	0.1	6	0.41	0.16	0.62
SNGQ120712T02520	3.6	0.1	6	0.31	0.16	0.56
SNGX120716T02520	3.6	0.1	6	0.41	0.16	0.62
SNMA090308-KR	2.5	0.38	4.5	0.39	0.2	0.55
SNMA120408-KR	4	0.2	8	0.36	0.16	0.62
SNMA120412-KR	4	0.3	8	0.47	0.21	0.83
SNMA120416-KR	4	0.3	8	0.57	0.21	1.04
SNMA150612-KR	5	0.3	10	0.47	0.21	0.83
SNMA150616-KR	5	0.3	10	0.57	0.21	1.04
SNMA190608-KR	6	0.2	12	0.36	0.16	0.62
SNMA190612-KR	6	0.3	12	0.47	0.21	0.83
SNMA190616-KR	6	0.3	12	0.57	0.21	1.04
SNMG090304-PM	2	0.4	4.5	0.21	0.1	0.31
SNMG090304-QM	3	1	4.5	0.26	0.19	0.31
SNMG090308-KM	2.5	0.2	4.5	0.36	0.16	0.52
SNMG090308-PM	2	0.5	4.5	0.31	0.16	0.52
SNMG090308-QM	3	1	4.5	0.36	0.21	0.52
SNMG120404-MF	0.4	0.1	1.5	0.16	0.05	0.31
SNMG120404-PM	3	0.4	6	0.21	0.1	0.31
SNMG120404-QM	3	1	6	0.26	0.19	0.31
SNMG120404-SM	1.5	0.4	4	0.26	0.16	0.41
SNMG120408-KM	3	0.2	6	0.36	0.16	0.52
SNMG120408-KR	3.5	0.38	7	0.39	0.2	0.55
SNMG120408-MF	0.4	0.1	1.5	0.21	0.1	0.41
SNMG120408-MM	3	0.5	6.35	0.26	0.1	0.47
SNMG120408-MR	3	2	7.6	0.31	0.16	0.57
SNMG120408-PF	0.4	0.3	1.5	0.21	0.1	0.41
SNMG120408-PM	3	0.5	6	0.31	0.16	0.52
SNMG120408-PR	4	0.7	7	0.36	0.21	0.52
SNMG120408-QM	3	1	6	0.36	0.21	0.52
SNMG120408-SM	2	0.5	5	0.23	0.16	0.41
SNMG120408-SMR	2	0.5	5	0.26	0.16	0.41
SNMG120408-XM	3	0.5	6	0.31	0.12	0.52
SNMG120408-XMR	3	0.5	6	0.36	0.16	0.57
SNMG120412-KM	3	0.3	6	0.41	0.16	0.62
SNMG120412-KR	3.5	0.5	7	0.52	0.29	0.72
SNMG120412-MM	3	0.5	6.35	0.31	0.1	0.62
SNMG120412-MR	3	2	7.6	0.36	0.16	0.62
SNMG120412-PF	0.8	0.35	1.5	0.26	0.16	0.52
SNMG120412-PM	3	0.8	6	0.36	0.19	0.62

Insert	Depth of cut			Cutting feed		
	a_p = mm			f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
SNMG120412-PR	4	1	7	0.41	0.26	0.72
SNMG120412-QM	3	1	6	0.36	0.26	0.62
SNMG120412-SM	2	0.5	5	0.29	0.19	0.47
SNMG120412-SMR	2	0.5	5	0.31	0.19	0.47
SNMG120412-XMR	3	0.75	6	0.36	0.19	0.62
SNMG120416-KM	3	0.3	6	0.47	0.21	0.72
SNMG120416-KR	3.5	0.75	7	0.57	0.29	0.8
SNMG120416-MM	3	0.5	6.35	0.38	0.1	0.67
SNMG120416-PM	3	1	6	0.41	0.24	0.67
SNMG120416-PR	4	1.5	7	0.52	0.33	0.78
SNMG120416-QM	3	1	6	0.41	0.31	0.67
SNMG120416-SM	2	0.5	5	0.34	0.19	0.52
SNMG120416-SMR	2	0.5	5	0.36	0.19	0.52
SNMG150608-PR	5	1.5	8	0.36	0.21	0.52
SNMG150608-QM	3	1	8	0.36	0.21	0.52
SNMG150608-SM	3	0.5	8	0.31	0.18	0.52
SNMG150612-KM	4	0.3	8	0.41	0.16	0.62
SNMG150612-KR	4.4	0.63	8.8	0.57	0.29	0.8
SNMG150612-MM	4	0.5	8	0.31	0.1	0.62
SNMG150612-MR	4	2	9.6	0.36	0.16	0.62
SNMG150612-PM	4	0.8	7.5	0.36	0.19	0.62
SNMG150612-PR	5	1	8	0.41	0.26	0.72
SNMG150612-QM	3	1	8	0.36	0.26	0.62
SNMG150612-SM	5	1	8	0.31	0.21	0.41
SNMG150616-KM	4	0.3	8	0.47	0.21	0.72
SNMG150616-KR	4.4	0.94	8.8	0.63	0.31	0.88
SNMG150616-MM	4	0.5	8	0.38	0.1	0.67
SNMG150616-MR	4	2	9.6	0.41	0.16	0.72
SNMG150616-PM	4	1	7.5	0.41	0.24	0.67
SNMG150616-PR	5	1.5	8	0.52	0.31	0.83
SNMG150616-QM	5	1.5	8	0.52	0.31	0.83
SNMG150616-SM	5	1	8	0.36	0.26	0.47
SNMG150616-SMR	5	1	8	0.52	0.31	0.72
SNMG150624-PR	5	2	8	0.52	0.33	0.93
SNMG190608-PR	5	0.7	10	0.36	0.21	0.52
SNMG190608-QM	5	0.7	10	0.36	0.21	0.52
SNMG190612-KM	4.5	0.3	9	0.41	0.16	0.62
SNMG190612-MM	4	0.5	9.5	0.31	0.1	0.62
SNMG190612-MR	4	2	11.4	0.36	0.16	0.62
SNMG190612-PR	5	1	10	0.41	0.26	0.72
SNMG190612-QM	5	1	10	0.41	0.26	0.72
SNMG190612-SM	2	0.5	9	0.31	0.21	0.52
SNMG190612-SMR	6	1	9	0.36	0.26	0.43
SNMG190616-KM	4.5	0.3	9	0.47	0.21	0.72
SNMG190616-KR	6.1	1.31	12.3	0.63	0.31	0.88
SNMG190616-MM	4	0.5	9.5	0.38	0.1	0.67
SNMG190616-MR	4	2	11.4	0.41	0.16	0.72
SNMG190616-PR	5	1.5	10	0.52	0.31	0.83
SNMG190616-QM	3	1	8	0.41	0.31	0.67
SNMG190616-SM	7	2	10	0.36	0.26	0.47
SNMG190616-SMR	7	1	10	0.52	0.31	0.72
SNMG190624-MR	4	2	11.4	0.52	0.16	1.04
SNMG190624-PR	5	2	10	0.52	0.33	0.93
SNMM120408-MR	3	0.7	7.5	0.36	0.21	0.57
SNMM120408-SMR	5	0.7	7.5	0.41	0.21	0.57
SNMM120412-MR	3	1	7.5	0.41	0.26	0.72
SNMM120412-PR	5	1	7.5	0.52	0.26	0.72
SNMM120416-MR	3	1.5	7.5	0.52	0.33	0.93
SNMM150612-PR	4	1	9	0.41	0.26	0.72
SNMM150616-MR	6	1.5	9	0.57	0.33	0.93
SNMM190612-MR	7	1.5	12	0.52	0.33	0.72
SNMM190612-PR	6	1	12	0.52	0.26	0.72
SNMM190616-MR	7	1.8	12	0.57	0.36	0.93
SNMM190616-PR	6	1.5	12	0.57	0.33	0.93
SNMM190624-MR	7	2.5	12	0.62	0.41	1.24
SNMM190624-PR	6	2	12	0.57	0.36	1.24
SNMM190632-MR	4	3.5	12	0.52	0.41	1.24
TNGA110304S01030A	0.1	0.07	0.4	0.1	0.05	0.2
TNGA110304T01020B	0.1	0.07	0.4	0.1	0.05	0.2
TNGA110308S01030A	0.2	0.07	0.8	0.15	0.05	0.3
TNGA110308T01020B	0.15	0.07	0.8	0.15	0.05	0.3

Recommended depth of cut and cutting feed, metric

T-Max® P insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = mm			f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
TNGA160404S01030A	0.1	0.07	0.4	0.1	0.05	0.2
TNGA160404S01525	0.1	0.1	0.5	0.1	0.05	0.2
TNGA160404S01525H	0.1	0.07	0.2	0.1	0.05	0.2
TNGA160404T01020B	0.1	0.07	0.4	0.1	0.05	0.2
TNGA160408S01030A	0.2	0.07	0.8	0.15	0.05	0.3
TNGA160408S01525	0.2	0.1	1	0.1	0.05	0.2
TNGA160408S01530B	0.2	0.1	1	0.15	0.05	0.3
TNGA160408S02035A	0.2	0.07	0.8	0.15	0.05	0.3
TNGA160408S02035B	0.2	0.07	0.8	0.15	0.05	0.3
TNGA160408T01020	1.6	0.1	4.8	0.1	0.07	0.2
TNGA160408T01020B	0.15	0.07	0.8	0.15	0.05	0.3
TNGA160408T01525	0.2	0.1	1	0.1	0.05	0.3
TNGA160408T02520	3	2	4	0.5	0.3	0.56
TNGA160412S01030A	0.2	0.07	1.2	0.2	0.05	0.3
TNGA160412S01525	0.3	0.1	1.5	0.15	0.05	0.35
TNGA160412S01525H	0.2	0.07	0.6	0.21	0.05	0.31
TNGA160412S02035A	0.2	0.07	1.2	0.15	0.05	0.3
TNGA160412T01020	1.6	0.1	4.8	0.14	0.07	0.3
TNGA160412T01020B	0.2	0.07	0.6	0.2	0.05	0.4
TNGA160412T02520	3	2	4	0.5	0.3	0.6
TNGA220408T01020	2.2	0.1	6.6	0.1	0.07	0.2
TNGA220412T01020	2.2	0.1	6.6	0.14	0.07	0.3
TNGA220416T01020	2.2	0.1	6.6	0.19	0.07	0.3
TNMA160404-KR	2.5	0.2	5	0.2	0.1	0.3
TNMA160408-KR	3.5	0.2	7	0.35	0.15	0.6
TNMA160412-KR	3.5	0.3	7	0.45	0.2	0.8
TNMA160416-KR	3.5	0.3	7	0.55	0.2	1
TNMA220404-KR	2.5	0.2	10	0.2	0.1	0.3
TNMA220408-KR	5	0.2	10	0.35	0.15	0.6
TNMA220412-KR	5	0.3	10	0.45	0.2	0.8
TNMA220416-KR	5	0.3	10	0.55	0.2	1
TNMA220432-KR	5	0.5	10	0.6	0.5	1.19
TNMG160404-KF	0.5	0.15	2	0.15	0.08	0.25
TNMG160404L-K	2.5	0.7	5	0.22	0.14	0.3
TNMG160404-MF	0.4	0.1	1.5	0.15	0.05	0.3
TNMG160404-PF	0.4	0.25	1.5	0.15	0.07	0.3
TNMG160404-PM	3	0.4	5	0.2	0.1	0.3
TNMG160404-QM	2	0.4	4	0.25	0.18	0.3
TNMG160404R-K	2.5	0.7	5	0.22	0.14	0.3
TNMG160404-SF	0.4	0.15	1.5	0.12	0.08	0.22
TNMG160404-SM	1	0.4	4	0.15	0.1	0.3
TNMG160404-XF	0.75	0.15	4	0.15	0.05	0.2
TNMG160404-XM	2.5	0.3	5	0.18	0.08	0.3
TNMG160408-KF	0.5	0.15	2	0.2	0.1	0.3
TNMG160408-KM	3	0.2	5.5	0.35	0.15	0.5
TNMG160408-KR	3.2	0.34	6.2	0.3	0.17	0.42
TNMG160408L-K	3	0.8	5	0.3	0.14	0.5
TNMG160408-MF	0.4	0.1	1.5	0.2	0.1	0.4
TNMG160408-MM	3	0.5	4.8	0.25	0.1	0.45
TNMG160408-MR	3	2	5.6	0.3	0.15	0.55
TNMG160408-PF	0.4	0.3	1.5	0.2	0.1	0.4
TNMG160408-PM	3	0.5	5	0.3	0.15	0.5
TNMG160408-PR	3	0.7	6	0.35	0.2	0.55
TNMG160408-QM	3	1	5.6	0.35	0.2	0.5
TNMG160408R-K	3	0.8	5	0.3	0.14	0.5
TNMG160408-SF	0.5	0.2	1.5	0.15	0.1	0.25
TNMG160408-SM	2	0.2	3	0.22	0.1	0.28
TNMG160408-XF	1	0.2	4	0.2	0.05	0.25
TNMG160408-XM	2.5	0.5	5	0.25	0.1	0.4
TNMG160408-XMR	3	0.5	5	0.27	0.15	0.45
TNMG160412-KM	3	0.3	5.5	0.4	0.15	0.6
TNMG160412-KR	3.2	0.45	6.3	0.4	0.2	0.56
TNMG160412-MM	3	0.5	4.8	0.3	0.1	0.6
TNMG160412-MR	3	2	5.6	0.35	0.15	0.6
TNMG160412-PF	0.8	0.35	1.5	0.25	0.15	0.5
TNMG160412-PM	3	0.8	5	0.35	0.18	0.6
TNMG160412-PR	3	1	6	0.4	0.25	0.65
TNMG160412-QM	3	1	5.6	0.35	0.25	0.6
TNMG160412-SF	0.8	0.4	2	0.17	0.12	0.3
TNMG160412-SM	2	0.3	3	0.25	0.12	0.3
TNMG160412-XM	3	0.7	5	0.3	0.15	0.45
TNMG160412-XMR	3	0.75	5	0.3	0.18	0.48
TNMG160416-KR	3.2	0.68	6.2	0.44	0.22	0.62

Insert	Depth of cut			Cutting feed		
	a_p = mm			f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
TNMG220404-PM	4	0.4	6.6	0.2	0.1	0.3
TNMG220404-QM	3	1	7.7	0.25	0.18	0.3
TNMG220408-KM	4	0.2	8	0.35	0.15	0.5
TNMG220408-KR	3.5	0.38	7	0.38	0.19	0.53
TNMG220408-MR	4	2	7.7	0.3	0.15	0.55
TNMG220408-PF	0.4	0.3	1.5	0.2	0.1	0.4
TNMG220408-PM	4	0.5	6.6	0.3	0.15	0.5
TNMG220408-PR	4	0.7	7	0.35	0.2	0.55
TNMG220408-QM	3	1	7.7	0.35	0.2	0.5
TNMG220408-SM	2	0.2	4	0.22	0.1	0.28
TNMG220412-KM	4	0.3	8	0.4	0.15	0.6
TNMG220412-KR	3.5	0.5	7	0.5	0.25	0.7
TNMG220412-MM	4	0.5	6.6	0.3	0.1	0.6
TNMG220412-MR	4	2	7.7	0.35	0.15	0.6
TNMG220412-PF	0.8	0.35	1.5	0.25	0.15	0.5
TNMG220412-PM	4	0.8	6.6	0.35	0.18	0.6
TNMG220412-PR	4	1	7	0.4	0.25	0.65
TNMG220412-QM	3	1	7.7	0.35	0.25	0.6
TNMG220412-SM	2	0.3	4	0.25	0.12	0.3
TNMG220416-KM	4	0.3	8	0.45	0.2	0.7
TNMG220416-MM	4	0.5	6.6	0.37	0.1	0.65
TNMG220416-MR	4	2	7.7	0.4	0.15	0.7
TNMG220416-PM	4	1	6.6	0.4	0.23	0.65
TNMG220416-PR	4	1.5	7	0.5	0.32	0.75
TNMG220416-QM	3	1	7.7	0.4	0.3	0.65
TNMM160408-MR	3	0.7	7.5	0.35	0.2	0.55
TNMM160408-PR	4	0.7	6	0.4	0.2	0.55
TNMM160412-PR	4	1	6	0.5	0.25	0.7
TNMM220408-MR	3	0.7	8	0.35	0.2	0.55
TNMM220408-PR	5	0.7	8	0.4	0.2	0.55
TNMM220412-MR	3	1	8	0.4	0.25	0.7
TNMM220412-PR	5	1	8	0.5	0.25	0.7
TNMM220416-MR	3	1.5	8	0.5	0.32	0.9
TNMM220416-PR	5	1.5	8	0.55	0.32	0.9
TNMX160404-WF	1	0.2	3	0.2	0.08	0.3
TNMX160408-WF	1.5	0.2	3	0.3	0.1	0.4
TNMX160408-WMX	3	0.5	5	0.45	0.15	0.7
TNMX160412-WM	2.5	0.5	5	0.4	0.15	0.6
TNMX160412-WMX	3.5	0.8	6	0.5	0.2	0.75
WNGA060404S01030A	0.1	0.07	0.4	0.1	0.05	0.2
WNGA060404S01030AWH	0.1	0.07	0.4	0.18	0.05	0.25
WNGA060404S01520HWH	0.1	0.07	0.2	0.18	0.05	0.25
WNGA060404S01525H	0.1	0.07	0.2	0.1	0.05	0.2
WNGA060404T01020B	0.1	0.07	0.4	0.1	0.05	0.2
WNGA060404T01020BWG	0.1	0.07	0.4	0.18	0.05	0.25
WNGA060404T01030AWH	0.1	0.07	0.4	0.18	0.05	0.25
WNGA060408S01030A	0.2	0.07	0.8	0.15	0.05	0.3
WNGA060408S01030AWH	0.1	0.05	0.3	0.28	0.05	0.35
WNGA060408S01520HWH	0.1	0.07	0.2	0.28	0.05	0.35
WNGA060408S01525H	0.2	0.07	0.4	0.15	0.05	0.3
WNGA060408T01020B	0.15	0.07	0.8	0.15	0.05	0.3
WNGA060408T01020BWG	0.1	0.07	0.8	0.28	0.05	0.35
WNGA060408T01030AWH	0.1	0.07	0.8	0.28	0.05	0.35
WNGA080404S01030A	0.1	0.05	0.4	0.1	0.05	0.2
WNGA080404S01030AWH	0.1	0.05	0.3	0.18	0.05	0.25
WNGA080404S01520HWH	0.1	0.07	0.2	0.18	0.05	0.25
WNGA080404S01525	0.1	0.1	0.5	0.1	0.05	0.2
WNGA080404S01525H	0.1	0.07	0.2	0.1	0.05	0.2
WNGA080404S01525WH	0.2	0.1	0.5	0.1	0.05	0.3
WNGA080404T01020B	0.1	0.07	0.4	0.1	0.05	0.2
WNGA080404T01020BWG	0.1	0.07	0.4	0.18	0.05	0.25
WNGA080404T01030AWH	0.1	0.07	0.4	0.18	0.05	0.25
WNGA080408S01030A	0.2	0.1	0.75	0.15	0.05	0.3
WNGA080408S01030AWH	0.1	0.05	0.5	0.28	0.05	0.35
WNGA080408S01520HWH	0.1	0.07	0.4	0.28	0.05	0.35
WNGA080408S01525	0.2	0.1	1	0.1	0.05	0.3
WNGA080408S01525H	0.2	0.07	0.4	0.15	0.05	0.3
WNGA080408S01525WH	0.2	0.1	1	0.15	0.05	0.35
WNGA080408S02035A	0.2	0.07	0.8	0.15	0.05	0.3
WNGA080408T01020B	0.15	0.07	0.8	0.15	0.05	0.3
WNGA080408T01020BWG	0.1	0.07	0.8	0.28	0.05	0.35
WNGA080408T01020WVG	3.6	0.1	6	0.25	0.15	0.36
WNGA080408T01030AWH	0.1	0.07	0.8	0.28	0.05	0.35

Recommended depth of cut and cutting feed, metric

T-Max® P insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = mm			f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
WNGA080408T01525	0.2	0.1	1	0.1	0.05	0.3
WNGA080408T01525WH	0.2	0.1	1	0.15	0.05	0.35
WNGA080408T02520	3	0.1	5	0.2	0.15	0.36
WNGA080412S01030A	0.2	0.05	0.9	0.2	0.05	0.3
WNGA080412S01030AWH	0.2	0.05	0.5	0.32	0.05	0.4
WNGA080412S01520HWH	0.2	0.07	0.6	0.32	0.05	0.4
WNGA080412S01525H	0.2	0.07	0.6	0.2	0.05	0.3
WNGA080412T01020B	0.2	0.07	1.2	0.2	0.05	0.4
WNGA080412T01020WG	3.6	0.1	6	0.45	0.15	0.54
WNGA080412T01030AWH	0.2	0.07	1.2	0.32	0.05	0.4
WNGA080412T02520	3	0.1	5	0.3	0.15	0.54
WNGA080416T02520	3	0.1	5	0.4	0.15	0.6
VNGA160404S01020A	0.1	0.07	0.4	0.1	0.05	0.2
VNGA160404S01030A	0.1	0.07	0.4	0.2	0.05	0.3
VNGA160404S01525	0.1	0.1	0.5	0.1	0.05	0.2
VNGA160404S01525H	0.1	0.07	0.2	0.2	0.05	0.3
VNGA160408S01020A	0.1	0.07	0.8	0.15	0.05	0.3
VNGA160408S01030A	0.1	0.07	0.8	0.15	0.05	0.3
VNGA160408S01525	0.2	0.1	1	0.1	0.05	0.3
VNGA160408S01525H	0.1	0.07	0.4	0.15	0.05	0.3
VNGA160408S02035A	0.2	0.07	0.8	0.15	0.05	0.3
VNGA160408T01525	0.2	0.1	1	0.1	0.05	0.3
VNGA160412S01525	0.3	0.1	1.5	0.15	0.05	0.35
WNGG080401-SGF	0.1	0.05	3	0.03	0.01	0.08
WNGG080402-SGF	0.2	0.08	3	0.04	0.02	0.1
WNGG080404-SGF	0.3	0.1	3	0.12	0.05	0.25
WNGG080408-SGF	0.5	0.2	3	0.15	0.1	0.3
WNGG080412-SGF	0.8	0.3	3	0.18	0.1	0.3
VNGG160401-SGF	0.1	0.05	3	0.03	0.01	0.08
VNGG160402-SGF	0.2	0.08	3	0.04	0.02	0.1
VNGG160404-SGF	0.3	0.1	3	0.12	0.05	0.15
VNGG160408-SGF	0.5	0.2	3	0.15	0.07	0.2
VNGG160412-SGF	0.8	0.3	3	0.18	0.1	0.25
WNMA060408-KR	2.5	0.2	4	0.35	0.15	0.6
WNMA060412-KR	2.5	0.3	4	0.45	0.2	0.8
WNMA080408-KR	3	0.2	5	0.35	0.15	0.6
WNMA080412-KR	3	0.3	5	0.45	0.2	0.8
WNMA080416-KR	3	0.3	5	0.55	0.2	1
WNMG060404-KF	0.5	0.15	2	0.15	0.08	0.25
WNMG060404-MF	0.4	0.1	1.5	0.15	0.05	0.3
WNMG060404-PF	0.4	0.25	1.5	0.15	0.07	0.3
WNMG060404-SM	1	0.2	2.5	0.18	0.1	0.25
WNMG060404-WF	0.4	0.25	2	0.15	0.05	0.25
WNMG060404-XF	0.75	0.15	3	0.15	0.05	0.2
WNMG060408-KF	0.5	0.15	2	0.2	0.1	0.3
WNMG060408-KM	2	0.2	4	0.35	0.15	0.5
WNMG060408-KR	2.2	0.24	4.5	0.3	0.17	0.42
WNMG060408-MF	0.4	0.1	1.5	0.2	0.1	0.4
WNMG060408-MM	2	0.5	3	0.25	0.1	0.45
WNMG060408-MR	2	1.5	3	0.3	0.15	0.55
WNMG060408-PF	0.4	0.3	1.5	0.2	0.1	0.4
WNMG060408-PM	2	0.5	3	0.3	0.15	0.5
WNMG060408-PR	3	0.7	3.5	0.3	0.2	0.45
WNMG060408-QM	3	1	3	0.35	0.2	0.5
WNMG060408-SM	1.5	0.2	2.5	0.2	0.1	0.3
WNMG060408-WF	1	0.25	3	0.3	0.1	0.5
WNMG060408-WM	1.5	0.5	3.5	0.3	0.15	0.6
WNMG060408-WMX	3	0.5	5	0.45	0.15	0.7
WNMG060408-XF	1	0.2	3	0.2	0.05	0.25
WNMG060408-XM	2.5	0.5	4	0.25	0.1	0.35
WNMG060412-KM	2	0.3	4	0.4	0.15	0.6
WNMG060412-KR	2.2	0.32	4.5	0.4	0.2	0.56
WNMG060412-MM	2	0.5	3	0.3	0.1	0.6
WNMG060412-MR	2	1.5	3	0.35	0.15	0.6
WNMG060412-PF	0.8	0.4	1.5	0.25	0.15	0.5
WNMG060412-PM	2	0.8	3	0.35	0.18	0.6
WNMG060412-PR	3	0.8	3.5	0.35	0.25	0.55
WNMG060412-QM	3	1	3	0.35	0.25	0.6
WNMG060412-WM	1.5	0.8	3.5	0.5	0.2	0.9
WNMG060412-WMX	3.5	0.8	6	0.5	0.2	0.75
WNMG080404-KF	0.5	0.15	2	0.15	0.08	0.25
WNMG080404-MF	0.4	0.1	1.5	0.15	0.05	0.3
WNMG080404-PF	0.4	0.25	1.5	0.15	0.07	0.3

Insert	Depth of cut			Cutting feed		
	a_p = mm			f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
WNMG080404-QM	3	1	4	0.2	0.18	0.25
WNMG080404-SF	0.4	0.15	1.5	0.12	0.08	0.22
WNMG080404-SM	1.5	0.15	2.5	0.2	0.1	0.3
WNMG080404-WF	0.4	0.25	3	0.15	0.05	0.25
WNMG080404-XF	0.75	0.15	4	0.15	0.05	0.2
WNMG080408-KF	0.5	0.15	2	0.2	0.1	0.3
WNMG080408-KM	2.5	0.2	5	0.35	0.15	0.5
WNMG080408-KR	2.7	0.29	5.5	0.34	0.17	0.47
WNMG080408-MF	0.4	0.1	1.5	0.2	0.1	0.4
WNMG080408-MM	2.5	0.5	4	0.25	0.1	0.45
WNMG080408-MR	2.5	2	4	0.3	0.15	0.55
WNMG080408-PF	0.4	0.3	1.5	0.2	0.1	0.4
WNMG080408-PM	2.5	0.5	4	0.3	0.15	0.5
WNMG080408-PR	4	0.7	5	0.35	0.2	0.55
WNMG080408-QM	3	1	4	0.35	0.2	0.5
WNMG080408-SF	0.5	0.2	1.5	0.15	0.1	0.25
WNMG080408-SM	2	0.2	3	0.25	0.1	0.35
WNMG080408-SMR	2	0.5	4	0.3	0.1	0.4
WNMG080408-WF	1	0.25	4	0.3	0.1	0.5
WNMG080408-WM	3	0.5	5	0.3	0.15	0.6
WNMG080408-WMX	3	0.5	5	0.45	0.15	0.7
WNMG080408-XF	1	0.2	4	0.2	0.05	0.25
WNMG080408-XM	2.5	0.5	5	0.25	0.1	0.4
WNMG080412-KF	1	0.2	2.5	0.25	0.1	0.35
WNMG080412-KM	2.5	0.3	5	0.4	0.15	0.6
WNMG080412-KR	2.7	0.39	5.5	0.45	0.23	0.63
WNMG080412-MM	2.5	0.5	4	0.3	0.1	0.6
WNMG080412-MR	2.5	2	4	0.35	0.15	0.6
WNMG080412-PF	0.8	0.4	1.5	0.25	0.15	0.5
WNMG080412-PM	2.5	0.8	4	0.35	0.18	0.6
WNMG080412-PR	4	1	5	0.4	0.25	0.7
WNMG080412-QM	3	1	4	0.35	0.25	0.55
WNMG080412-SM	2	0.3	3.5	0.28	0.12	0.38
WNMG080412-SMR	2	0.5	4	0.32	0.12	0.42
WNMG080412-WF	1.5	0.4	4	0.5	0.2	0.6
WNMG080412-WM	3.5	0.8	6	0.5	0.2	0.9
WNMG080412-WMX	3.5	0.8	6	0.5	0.2	0.75
WNMG080412-XM	3	0.7	5	0.3	0.15	0.45
WNMG080412-XMR	3	0.75	5	0.32	0.18	0.48
WNMG080416-KM	2.5	0.3	5	0.45	0.2	0.7
WNMG080416-PM	3	1	4	0.4	0.23	0.65
WNMG080416-PR	4	1.5	5	0.5	0.32	0.75
WNMG080416-QM	4	1.5	5	0.45	0.32	0.6
VNMG160404-MF	0.4	0.1	1.5	0.15	0.05	0.3
VNMG160404-PF	0.4	0.25	1.5	0.15	0.07	0.3
VNMG160404-QM	3	1	4	0.25	0.18	0.3
VNMG160404-SF	0.4	0.15	1.5	0.12	0.08	0.2
VNMG160404-SM	1	0.15	2	0.18	0.05	0.2
VNMG160408-KM	2	0.2	3.5	0.3	0.15	0.4
VNMG160408-MF	0.8	0.2	2.5	0.15	0.08	0.3
VNMG160408-MM	2	0.5	4	0.25	0.1	0.45
VNMG160408-PF	0.4	0.3	1.5	0.2	0.1	0.4
VNMG160408-PM	2	0.5	4	0.3	0.15	0.5
VNMG160408-QM	3	1	4	0.35	0.2	0.5
VNMG160408-SF	0.5	0.2	1.5	0.15	0.1	0.22
VNMG160408-SM	1.5	0.2	2.5	0.2	0.07	0.23
VNMG160412-KM	2	0.3	3.5	0.35	0.15	0.5
VNMG160412-PM	2	0.8	4	0.35	0.18	0.6
VNMG160412-QM	3	1	4	0.35	0.25	0.5
VNMG160412-SF	0.8	0.4	2	0.17	0.12	0.25
VNMG160412-SM	1.5	0.3	3	0.22	0.1	0.25
CNMG190616-XMR	4	1	8.5	0.5	0.25	0.8
SNMG120416-XMR	3.5	1	6	0.41	0.21	0.67

Recommended depth of cut and cutting feed, metric

CoroTurn® 107 insert for turning

Insert	Depth of cut			Cutting feed		
	Rec	a_p = mm Min Max		Rec	f_n = mm/rev Min Max	
CCET060201-UM	0.3	0.1	0.7	0.02	0.01	0.04
CCET060202-UM	0.4	0.2	0.7	0.02	0.01	0.06
CCET060204-UM	0.7	0.5	1	0.02	0.01	0.06
CCGT060201-UM	0.3	0.1	0.7	0.02	0.01	0.06
CCGT060202-UM	0.5	0.1	1.05	0.05	0.02	0.08
CCGT060204-UM	1	0.5	1.4	0.14	0.08	0.21
CCGT09T301-UM	0.3	0.1	0.7	0.02	0.01	0.06
CCGT09T302-UM	0.5	0.1	1.05	0.05	0.02	0.08
CCGT09T304-UM	1.25	0.5	2.1	0.11	0.08	0.18
CCGT09T308-UM	1.25	0.5	2.1	0.14	0.12	0.25
CCGW060202S01020F	0.07	0.04	0.1	0.07	0.03	0.1
CCGW060202T01030F	0.07	0.04	0.2	0.07	0.03	0.1
CCGW060204S01020F	0.1	0.07	0.2	0.1	0.05	0.2
CCGW060204S01030F	0.1	0.07	0.4	0.1	0.05	0.2
CCGW060204S01520FWH	0.1	0.07	0.2	0.18	0.05	0.25
CCGW060204T01020F	0.1	0.07	0.4	0.1	0.05	0.2
CCGW060204T01030F	0.1	0.05	0.4	0.1	0.05	0.2
CCGW060204T01030FWH	0.1	0.07	0.4	0.18	0.05	0.25
CCGW060208S01020F	0.2	0.07	0.4	0.15	0.05	0.3
CCGW060208S01030F	0.2	0.07	0.8	0.15	0.05	0.3
CCGW060208S01520FWH	0.2	0.07	0.4	0.28	0.05	0.35
CCGW060208T01030F	0.2	0.07	0.8	0.15	0.05	0.3
CCGW060208T01030FWH	0.2	0.07	0.8	0.28	0.05	0.35
CCGW09T304S01020F	0.1	0.07	0.2	0.1	0.05	0.2
CCGW09T304S01520FWH	0.1	0.07	0.2	0.18	0.05	0.25
CCGW09T304S01530F	0.1	0.05	0.5	0.1	0.05	0.2
CCGW09T304S01530FWH	0.1	0.05	0.3	0.18	0.05	0.25
CCGW09T304S02030F	0.1	0.07	0.2	0.1	0.05	0.2
CCGW09T304T01020F	0.1	0.05	0.5	0.1	0.05	0.2
CCGW09T304T01020FWH	0.1	0.07	0.4	0.18	0.05	0.25
CCGW09T308S01020F	0.2	0.07	0.4	0.15	0.05	0.3
CCGW09T308S01520FWH	0.2	0.07	0.4	0.28	0.05	0.35
CCGW09T308S01530F	0.2	0.07	0.8	0.15	0.05	0.3
CCGW09T308S02030F	0.2	0.07	0.4	0.15	0.05	0.3
CCGW09T308T01020F	0.2	0.07	0.8	0.15	0.05	0.3
CCGW09T308T01020FWH	0.2	0.07	0.8	0.28	0.05	0.35
CCGW09T312S01520FWH	0.2	0.07	0.6	0.2	0.05	0.3
CCGX060202-AL	1	0.3	3	0.12	0.05	0.15
CCGX060204-AL	1	0.3	3	0.12	0.05	0.15
CCGX09T3L020-15FXA	0.12	0.05	0.2	0.3	0.2	0.4
CCGX09T304-AL	1.5	0.5	5	0.2	0.1	0.3
CCGX09T308-AL	1.5	0.5	5	0.3	0.15	0.6
CCGX120404-AL	1.5	0.5	7	0.2	0.1	0.3
CCGX120408-AL	1.5	0.5	7	0.3	0.15	0.6
CCMT060202-KF	0.3	0.06	1.7	0.06	0.03	0.11
CCMT060202-MF	0.3	0.06	1.7	0.06	0.03	0.11
CCMT060202-PF	0.3	0.06	1.7	0.06	0.05	0.11
CCMT060202-UF	0.4	0.1	1.5	0.07	0.05	0.15
CCMT060202-WF	0.3	0.1	1.5	0.1	0.03	0.15
CCMT060204-KF	0.3	0.1	1.7	0.08	0.05	0.17
CCMT060204-KM	0.64	0.2	2.4	0.11	0.06	0.17
CCMT060204-MF	0.3	0.1	1.7	0.08	0.05	0.17
CCMT060204-MM	0.64	0.2	2.4	0.11	0.06	0.17
CCMT060204-PF	0.3	0.1	1.7	0.08	0.05	0.17
CCMT060204-PM	0.64	0.2	2.4	0.11	0.06	0.17
CCMT060204-UF	0.4	0.2	1.5	0.1	0.05	0.2
CCMT060204-UM	1	0.5	2.5	0.2	0.08	0.3
CCMT060204-WF	1.5	1	2.5	0.25	0.15	0.3
CCMT060204-WF	0.8	0.3	2	0.12	0.05	0.3
CCMT060208-KM	0.64	0.4	2.4	0.15	0.08	0.23
CCMT060208-KR	1.6	0.8	3.2	0.19	0.09	0.26
CCMT060208-MM	0.64	0.4	2.4	0.15	0.08	0.23
CCMT060208-MR	1.6	0.8	3.2	0.19	0.09	0.26
CCMT060208-PM	0.64	0.4	2.4	0.15	0.08	0.23
CCMT060208-PR	1.6	0.8	3.2	0.19	0.09	0.26
CCMT060208-UF	0.4	0.2	1.5	0.1	0.05	0.25
CCMT060208-UM	1	0.5	2.5	0.25	0.12	0.4
CCMT060208-WF	0.8	0.3	2	0.15	0.09	0.35
CCMT060208-WM	1.2	0.5	2.5	0.2	0.1	0.4
CCMT09T302-MF	0.35	0.08	2	0.08	0.04	0.15
CCMT09T302-PF	0.35	0.08	2	0.08	0.05	0.15
CCMT09T302-UF	0.4	0.1	2	0.07	0.05	0.15
CCMT09T302-WF	0.3	0.1	1.5	0.1	0.03	0.15
CCMT09T304-KF	0.35	0.11	2	0.11	0.06	0.23
CCMT09T304-KM	0.64	0.25	3	0.15	0.08	0.23
CCMT09T304-MF	0.35	0.11	2	0.11	0.06	0.23
CCMT09T304-MM	0.64	0.25	3	0.15	0.08	0.23
CCMT09T304-PF	0.35	0.11	2	0.11	0.06	0.23
CCMT09T304-PM	0.64	0.25	3	0.15	0.08	0.23
CCMT09T304-UF	0.4	0.2	2	0.1	0.05	0.2
CCMT09T304-UM	1.25	0.5	4	0.2	0.08	0.3
CCMT09T304-UR	2	1	4	0.25	0.15	0.3
CCMT09T304-WF	1	0.3	3	0.2	0.07	0.3
CCMT09T304-WM	1.5	0.5	4	0.25	0.12	0.4
CCMT09T308-KF	0.35	0.15	2	0.15	0.08	0.3
CCMT09T308-KM	0.8	0.5	3	0.2	0.1	0.3
CCMT09T308-KR	2	1	4	0.25	0.12	0.35
CCMT09T308-MF	0.35	0.15	2	0.15	0.08	0.3
CCMT09T308-MM	0.8	0.5	3	0.2	0.1	0.3
CCMT09T308-MR	2	1	4	0.25	0.12	0.35
CCMT09T308-PF	0.35	0.15	2	0.15	0.08	0.3
CCMT09T308-PM	0.8	0.5	3	0.2	0.1	0.3
CCMT09T308-PR	2	1	4	0.25	0.12	0.35
CCMT09T308-UM	1.25	0.5	4	0.25	0.12	0.4
CCMT09T308-UR	2	1	4	0.3	0.15	0.5
CCMT09T308-WF	1	0.3	3	0.25	0.12	0.5
CCMT09T308-WM	1.5	0.7	4	0.3	0.15	0.5
CCMT09T312-KR	2	1.2	4	0.3	0.14	0.42
CCMT09T312-MR	2	1.2	4	0.3	0.14	0.42
CCMT09T312-PR	2	1.2	4	0.3	0.14	0.42
CCMT120404-KM	0.96	0.3	3.6	0.18	0.09	0.27
CCMT120404-MF	0.42	0.14	2.4	0.14	0.07	0.27
CCMT120404-MM	0.96	0.3	3.6	0.18	0.09	0.27
CCMT120404-PF	0.42	0.14	2.4	0.14	0.07	0.27
CCMT120404-PM	0.96	0.3	3.6	0.18	0.09	0.27
CCMT120404-WM	2	0.5	4	0.25	0.15	0.4
CCMT120408-KM	0.96	0.6	3.6	0.24	0.12	0.36
CCMT120408-KR	2.4	1.2	4.8	0.3	0.14	0.42
CCMT120408-MM	0.96	0.6	3.6	0.24	0.12	0.36
CCMT120408-MR	2.4	1.2	4.8	0.3	0.14	0.42
CCMT120408-PM	0.96	0.6	3.6	0.24	0.12	0.36
CCMT120408-PR	2.4	1.2	4.8	0.3	0.14	0.42
CCMT120408-UM	1.5	0.5	4	0.25	0.12	0.4
CCMT120408-UR	2.5	1	4	0.3	0.15	0.5
CCMT120412-KR	2.4	1.44	4.8	0.36	0.17	0.5
CCMT120412-MM	0.96	0.72	3.6	0.29	0.14	0.3
CCMT120412-MR	2.4	1.44	4.8	0.36	0.17	0.5
CCMT120412-PM	0.96	0.72	3.6	0.29	0.14	0.43
CCMT120412-PR	2.4	1.44	4.8	0.36	0.17	0.5
CCMT160508-UR	3	1	5	0.35	0.15	0.5
CCMW060204FP	0.5	0.1	2.3	0.1	0.05	0.2
CCMW09T304FP	0.5	0.1	3.4	0.1	0.05	0.2
CCMW09T308FP	1	0.1	3.4	0.15	0.05	0.4
DCET070200-UM	0.3	0.1	4	0.03	0.01	0.06
DCET070201-UM	0.5	0.1	4	0.03	0.01	0.06
DCET11T301-UM	0.3	0.1	4	0.03	0.01	0.06
DCET11T302-UM	0.3	0.2	4	0.03	0.01	0.06
DCET11T304-UM	1.25	0.5	4	0.05	0.02	0.1
DCGT070201-UM	0.3	0.1	1	0.03	0.01	0.08
DCGT070202-UM	0.5	0.1	1.5	0.07	0.02	0.16
DCGT070204-UM	1	0.3	2.5	0.15	0.08	0.25
DCGT070208-UM	1	0.3	2.5	0.2	0.12	0.3
DCGT11T301-UM	0.3	0.1	1	0.03	0.01	0.06
DCGT11T302-UM	0.3	0.1	1.5	0.03	0.01	0.06
DCGT11T304-UM	1.25	0.3	3	0.15	0.08	0.25
DCGT11T308-UM	1.25	0.3	3	0.2	0.12	0.3
DCGW070202S01020F	0.07	0.04	0.1	0.07	0.03	0.1
DCGW070202T01030F	0.07	0.04	0.2	0.07	0.03	0.1
DCGW070204S01020F	0.1	0.07	0.2	0.1	0.05	0.2
DCGW070204S01030F	0.1	0.07	0.4	0.1	0.05	0.2
DCGW070204T01020F	0.1	0.07	0.4	0.1	0.05	0.2
DCGW070208S01030F	0.2	0.07	0.8	0.15	0.05	0.3
DCGW11T302T01020F	0.07	0.04	0.2	0.07	0.05	0.1
DCGW11T304S01020F	0.1	0.07	0.2	0.1	0.05	0.2
DCGW11T304S01020FWH	0.1	0.05	0.4	0.15	0.05	0.25
DCGW11T304S01520FWH	0.1	0.07	0.2	0.15	0.05	0.25
DCGW11T304S01530F	0.1	0.07	0.4	0.1	0.05	0.2

Recommended depth of cut and cutting feed, metric

CoroTurn® 107 insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = mm			f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
DCGW11T304S02030F	0.1	0.07	0.2	0.1	0.05	0.2
DCGW11T304T01020F	0.1	0.07	0.4	0.1	0.05	0.2
DCGW11T308S01020F	0.2	0.07	0.4	0.15	0.05	0.3
DCGW11T308S01020FWH	0.2	0.07	0.8	0.2	0.05	0.3
DCGW11T308S01520FWH	0.2	0.07	0.4	0.2	0.05	0.3
DCGW11T308S01530F	0.2	0.07	0.8	0.15	0.05	0.3
DCGW11T308S02030F	0.2	0.07	0.4	0.15	0.05	0.3
DCGW11T308T01020F	0.2	0.07	0.8	0.15	0.05	0.3
DCGW11T312S01020F	0.2	0.07	0.6	0.2	0.05	0.3
DCGW11T312S01530F	0.2	0.07	1.2	0.15	0.05	0.3
DCGX070202-AL	1	0.3	4	0.12	0.05	0.15
DCGX070204-AL	1.5	0.5	4	0.2	0.1	0.3
DCGX11T302-AL	1	0.3	5.5	0.12	0.05	0.15
DCGX11T304-AL	1.5	0.5	5.5	0.2	0.1	0.3
DCGX11T308-AL	1.5	0.5	5.5	0.3	0.15	0.6
DCMT070202-KF	0.26	0.06	1.5	0.06	0.03	0.11
DCMT070202-MF	0.26	0.06	1.5	0.06	0.03	0.11
DCMT070202-PF	0.26	0.06	1.5	0.06	0.05	0.11
DCMT070202-UF	0.4	0.1	1.5	0.07	0.05	0.15
DCMT070204-KF	0.26	0.08	1.5	0.08	0.05	0.17
DCMT070204-KM	0.6	0.19	2.25	0.11	0.06	0.17
DCMT070204-MF	0.26	0.08	1.5	0.08	0.05	0.17
DCMT070204-MM	0.6	0.19	2.25	0.11	0.06	0.17
DCMT070204-PF	0.26	0.08	1.5	0.08	0.05	0.17
DCMT070204-PM	0.6	0.19	2.25	0.11	0.06	0.17
DCMT070204-UF	0.4	0.2	1.5	0.1	0.05	0.2
DCMT070204-UM	1	0.3	2.5	0.2	0.06	0.3
DCMT070204-UM	1	0.5	2.5	0.2	0.08	0.3
DCMT070208-KM	0.6	0.38	2.25	0.15	0.08	0.23
DCMT070208-MM	0.6	0.38	2.25	0.15	0.08	0.23
DCMT070208-PM	0.6	0.38	2.25	0.15	0.08	0.23
DCMT070208-UM	1	0.5	2.5	0.25	0.12	0.35
DCMT11T302-KF	0.35	0.08	2	0.08	0.04	0.15
DCMT11T302-MF	0.35	0.08	2	0.08	0.04	0.15
DCMT11T302-PF	0.35	0.08	2	0.08	0.05	0.15
DCMT11T304-KF	0.35	0.11	2	0.11	0.06	0.23
DCMT11T304-KM	0.8	0.25	3	0.15	0.08	0.23
DCMT11T304-MF	0.35	0.11	2	0.11	0.06	0.23
DCMT11T304-MM	0.8	0.25	3	0.15	0.08	0.23
DCMT11T304-PF	0.35	0.11	2	0.11	0.06	0.23
DCMT11T304-PM	0.8	0.25	3	0.15	0.08	0.23
DCMT11T304-UF	0.4	0.2	2	0.1	0.05	0.2
DCMT11T304-UM	1.25	0.5	4	0.2	0.08	0.3
DCMT11T304-UR	2	1	4	0.25	0.15	0.3
DCMT11T308-KF	0.35	0.15	2	0.15	0.08	0.3
DCMT11T308-KM	0.8	0.5	3	0.2	0.1	0.3
DCMT11T308-KR	2	1	4	0.25	0.12	0.35
DCMT11T308-MF	0.35	0.15	2	0.15	0.08	0.3
DCMT11T308-MM	0.8	0.5	3	0.2	0.1	0.3
DCMT11T308-MR	2	1	4	0.25	0.12	0.35
DCMT11T308-PF	0.35	0.15	2	0.15	0.08	0.3
DCMT11T308-PM	0.8	0.5	3	0.2	0.1	0.3
DCMT11T308-PR	2	1	4	0.25	0.12	0.35
DCMT11T308-UF	0.4	0.2	2	0.1	0.05	0.25
DCMT11T308-UM	1.25	0.5	4	0.25	0.12	0.4
DCMT11T308-UR	2	1	4	0.3	0.15	0.5
DCMT11T312-KM	0.8	0.6	3	0.24	0.12	0.36
DCMT11T312-KR	2	1.2	4	0.3	0.14	0.42
DCMT11T312-MM	0.8	0.6	3	0.24	0.12	0.36
DCMT11T312-MR	2	1.2	4	0.3	0.14	0.42
DCMT11T312-PM	0.8	0.6	3	0.24	0.12	0.36
DCMT11T312-PR	2	1.2	4	0.3	0.14	0.42
DCMT11T312-UR	2	1	4	0.3	0.2	0.5
DCMW11T304FP	0.5	0.1	3.3	0.1	0.05	0.2
DCMW11T308FP	1	0.1	3	0.15	0.05	0.4
DCMX070202-WF	0.3	0.1	1.5	0.1	0.03	0.15
DCMX070204-WF	0.7	0.3	2	0.12	0.05	0.25
DCMX070208-WF	0.7	0.3	2	0.15	0.09	0.35
DCMX11T302-WF	0.3	0.1	1.5	0.1	0.03	0.15
DCMX11T304-WF	1	0.3	3	0.2	0.07	0.3
DCMX11T304-WM	1.5	0.5	4	0.25	0.12	0.4
DCMX11T308-WF	1	0.3	3	0.25	0.12	0.4
DCMX11T308-WM	1.5	0.5	4	0.3	0.15	0.5

Insert	Depth of cut			Cutting feed		
	a_p = mm			f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
RCGX0602M0-AL	1	0.6	2.4	0.24	0.13	0.38
RCGX0803M0-AL	1.5	0.8	3.2	0.35	0.16	0.54
RCGX10T3M0-AL	2	1	4	0.36	0.16	0.63
RCGX1204M0-AL	2.5	1.2	4.8	0.46	0.19	0.79
RCMT0502M0	1	0.5	2	0.11	0.05	0.16
RCMT0602M0	1.5	0.5	2.4	0.15	0.05	0.17
RCMT060300	1.5	0.5	2.4	0.15	0.05	0.17
RCMT060300-SM	0.8	0.26	1.6	0.08	0.08	0.05
RCMT0803M0	2	0.8	3.2	0.2	0.05	0.25
RCMT0803M0-SM	1	0.33	2	0.08	0.08	0.06
RCMT09T300	2.5	1	4	0.25	0.06	0.32
RCMT09T300-M0	2.5	1	4	0.25	0.06	0.32
RCMT09T300-SM	1.5	0.4	2.5	0.1	0.09	0.08
RCMT10T3M0	2.5	1	4	0.25	0.06	0.32
RCMT10T3M0-SM	1.5	0.4	2.5	0.1	0.09	0.08
RCMT120400	3	1.2	4.8	0.3	0.08	0.38
RCMT120400	3	1.2	4.8	0.3	0.08	0.38
RCMT120400-M0	3	1.2	4.8	0.29	0.08	0.37
RCMT120400-SM	2	0.5	3	0.16	0.1	0.1
RCMT1204M0	3	1.2	4.8	0.3	0.08	0.38
RCMT1204M0-SM	2	0.5	3	0.12	0.1	0.1
RCMT1606M0	3.5	1.6	6.4	0.37	0.1	0.51
RCMT1606M0-SM	2.5	0.65	4	0.16	0.15	0.12
RCMT190600	4	2	8	0.45	0.13	0.63
RCMT2006M0	4	2	8	0.45	0.13	0.63
SCGW09T304S01030F	0.1	0.07	0.4	0.1	0.05	0.21
SCGW09T304T01020F	0.1	0.07	0.4	0.1	0.05	0.21
SCGW09T308S01030F	0.2	0.07	0.8	0.16	0.05	0.31
SCGW09T308S01530F	0.1	0.07	0.8	0.1	0.05	0.21
SCGW09T308T01020F	0.1	0.07	0.8	0.1	0.05	0.21
SCGX09T308-AL	1.5	0.5	5	0.31	0.16	0.62
SCMT09T304-KM	0.8	0.25	3	0.16	0.08	0.24
SCMT09T304-MF	0.35	0.11	2	0.11	0.06	0.24
SCMT09T304-MM	0.8	0.25	3	0.16	0.08	0.24
SCMT09T304-PF	0.35	0.11	2	0.11	0.06	0.24
SCMT09T304-PM	0.8	0.25	3	0.16	0.08	0.24
SCMT09T308-KM	0.8	0.5	3	0.21	0.1	0.31
SCMT09T308-KR	2	1	4	0.26	0.12	0.36
SCMT09T308-MF	0.35	0.15	2	0.16	0.08	0.31
SCMT09T308-MM	0.8	0.5	3	0.21	0.1	0.31
SCMT09T308-MR	2	1	4	0.26	0.12	0.36
SCMT09T308-PF	0.35	0.15	2	0.16	0.08	0.31
SCMT09T308-PM	0.8	0.5	3	0.21	0.1	0.31
SCMT09T308-PR	2	1	4	0.26	0.12	0.36
SCMT09T308-UF	0.4	0.2	2	0.1	0.05	0.26
SCMT09T308-UM	1.25	0.5	4	0.26	0.12	0.41
SCMT09T308-UR	2	1	4	0.31	0.16	0.52
SCMT09T312-KR	2	1.2	4	0.31	0.14	0.43
SCMT09T312-MR	2	1.2	4	0.31	0.14	0.43
SCMT09T312-PR	2	1.2	4	0.31	0.14	0.43
SCMT120404-MM	0.96	0.3	3.6	0.19	0.09	0.28
SCMT120404-PM	0.96	0.3	3.6	0.19	0.09	0.28
SCMT120404-UR	2.5	1	5	0.26	0.16	0.31
SCMT120408-KM	0.96	0.6	3.6	0.25	0.12	0.37
SCMT120408-KR	2.4	1.2	4.8	0.31	0.14	0.43
SCMT120408-MM	0.96	0.6	3.6	0.25	0.12	0.37
SCMT120408-MR	2.4	1.2	4.8	0.31	0.14	0.43
SCMT120408-PM	0.96	0.6	3.6	0.25	0.12	0.37
SCMT120408-PR	2.4	1.2	4.8	0.31	0.14	0.43
SCMT120408-UM	1.5	0.5	4	0.26	0.12	0.41
SCMT120408-UR	2.5	1	4	0.31	0.16	0.52
SCMT120412-KR	2.4	1.44	4.8	0.37	0.18	0.52
SCMT120412-MM	0.96	0.72	3.6	0.3	0.14	0.45
SCMT120412-MR	2.4	1.44	4.8	0.37	0.18	0.52
SCMT120412-PM	0.96	0.72	3.6	0.3	0.14	0.45
SCMT120412-PR	2.4	1.44	4.8	0.37	0.18	0.52
SCMT120412-UM	1.5	0.5	4	0.26	0.16	0.41
TCEX050100L-F	0.15	0.05	0.8	0.04	0.01	0.06
TCEX050100R-F	0.15	0.05	0.8	0.04	0.02	0.06
TCEX050101L-F	0.15	0.05	0.8	0.05	0.01	0.07
TCEX050101R-F	0.15	0.05	0.8	0.06	0.02	0.1
TCEX06T100L-F	0.2	0.05	1	0.05	0.01	0.07
TCEX06T100R-F	0.5	0.05	1.5	0.05	0.01	0.07

Recommended depth of cut and cutting feed, metric

CoroTurn® 107 insert for turning

Insert	Depth of cut			Cutting feed		
	Rec	a_p = mm Min Max		Rec	f_n = mm/rev Min Max	
TCEX06T101L-F	0.2	0.05	1	0.08	0.01	0.12
TCEX06T101R-F	0.08	0.05	1.5	0.08	0.01	0.12
TCEX06T102L-F	0.2	0.05	1	0.08	0.02	0.15
TCEX090200L-F	0.3	0.05	1.2	0.04	0.01	0.07
TCEX090200R-F	0.4	0.05	1.4	0.06	0.01	0.08
TCEX090201L-F	0.4	0.05	1.2	0.05	0.02	0.08
TCEX090201R-F	0.6	0.05	2	0.07	0.02	0.1
TCEX090202L-F	0.4	0.05	1.2	0.08	0.02	0.12
TCEX110300L-F	0.5	0.05	1.5	0.05	0.01	0.08
TCEX110300R-F	0.8	0.05	4	0.07	0.01	0.1
TCEX110301L-F	0.6	0.05	1.7	0.06	0.02	0.1
TCEX110301R-F	0.8	0.05	4	0.08	0.02	0.15
TCEX110302L-F	0.7	0.05	2	0.08	0.02	0.12
TCGT06T102L-K	0.3	0.1	0.7	0.04	0.03	0.11
TCGT06T102R-K	0.3	0.1	1	0.05	0.03	0.15
TCGT06T104L-K	0.5	0.15	0.7	0.05	0.03	0.14
TCGT06T104R-K	0.5	0.15	1	0.07	0.03	0.2
TCGT090202L-K	0.3	0.1	0.84	0.04	0.03	0.11
TCGT090202R-K	0.3	0.1	1.2	0.05	0.03	0.15
TCGT090204L-K	0.5	0.15	0.84	0.07	0.03	0.14
TCGT090204R-K	0.5	0.15	1.2	0.1	0.03	0.2
TCGT090204-UM	1	0.5	2.25	0.2	0.08	0.25
TCGT110201-UM	0.3	0.1	1	0.03	0.01	0.06
TCGT110202L-K	0.3	0.1	1.05	0.04	0.03	0.11
TCGT110204L-K	0.5	0.15	1.05	0.07	0.03	0.18
TCGT110204R-K	0.5	0.15	1.5	0.1	0.03	0.25
TCGT110204-UM	1.25	0.3	2.5	0.15	0.08	0.25
TCGT110208-UM	1.25	0.3	2.5	0.2	0.12	0.3
TCGT110301-UM	0.3	0.1	1	0.03	0.01	0.06
TCGT110302L-K	0.3	0.1	1.05	0.04	0.03	0.11
TCGT110302R-K	0.3	0.1	1.5	0.05	0.03	0.15
TCGT110302-UM	0.3	0.1	1.5	0.07	0.02	0.12
TCGT110304L-K	0.5	0.15	1.05	0.07	0.03	0.18
TCGT110304R-K	0.5	0.15	1.5	0.1	0.03	0.25
TCGT110304-UM	1.25	0.3	2.5	0.15	0.08	0.25
TCGT110308-UM	1.25	0.3	2.5	0.2	0.12	0.3
TCGT16T304-UM	1.5	0.5	2.8	0.11	0.08	0.18
TCGT16T308-UM	1.5	0.5	2.8	0.14	0.12	0.25
TCGW06T102S01020E	0.07	0.04	0.1	0.07	0.03	0.1
TCGW06T102T01020E	0.07	0.04	0.2	0.07	0.03	0.1
TCGW06T104S01020E	0.1	0.07	0.2	0.1	0.05	0.2
TCGW06T104S01020E	0.1	0.07	0.2	0.1	0.05	0.2
TCGW090204S01020F	0.1	0.07	0.2	0.1	0.05	0.2
TCGW090204S01030F	0.1	0.07	0.4	0.1	0.05	0.2
TCGW090204S01530F	0.1	0.07	0.4	0.1	0.05	0.2
TCGW110202T01020F	0.07	0.04	0.2	0.07	0.05	0.1
TCGW110204S01020F	0.1	0.07	0.4	0.1	0.05	0.2
TCGW110204S01530F	0.1	0.07	0.4	0.1	0.05	0.2
TCGW110204T01020F	0.1	0.07	0.4	0.1	0.05	0.2
TCGW110208S01020F	0.2	0.07	0.8	0.15	0.05	0.3
TCGW110208S01530F	0.2	0.07	0.8	0.15	0.05	0.3
TCGW110304S01020F	0.1	0.07	0.2	0.1	0.05	0.2
TCGW110304S01530F	0.1	0.07	0.4	0.1	0.05	0.2
TCGW110304T01020F	0.1	0.07	0.4	0.1	0.05	0.2
TCGW110308S01020F	0.2	0.07	0.4	0.15	0.05	0.3
TCGW110308S01530F	0.2	0.07	0.8	0.15	0.05	0.3
TCGW110308T01020F	0.2	0.07	0.8	0.15	0.05	0.3
TCGX06T104-AL	1	0.5	2	0.2	0.1	0.3
TCGX06T104L-WK	0.5	0.15	1	0.15	0.03	0.25
TCGX06T104R-WK	0.5	0.15	1	0.15	0.03	0.25
TCGX090202-AL	1	0.3	4	0.12	0.05	0.15
TCGX090204-AL	1.5	0.5	4	0.2	0.1	0.3
TCGX090204L-WK	0.5	0.15	1.2	0.2	0.04	0.28
TCGX090204R-WK	0.5	0.15	1.2	0.2	0.04	0.28
TCGX110202-AL	1	0.3	5	0.12	0.05	0.15
TCGX110204-AL	1.5	0.5	5	0.2	0.1	0.3
TCGX110204L-WK	0.5	0.15	1.5	0.2	0.05	0.3
TCGX110204R-WK	0.5	0.15	1.5	0.2	0.05	0.3
TCGX110208-AL	1.5	0.5	5	0.3	0.15	0.6
TCGX110302-AL	1	0.3	5	0.12	0.05	0.15
TCGX110304-AL	1.5	0.5	5	0.2	0.1	0.3
TCGX110304L-WK	0.5	0.15	1.5	0.2	0.05	0.3
TCGX110304R-WK	0.5	0.15	1.5	0.2	0.05	0.3

Insert	Depth of cut			Cutting feed		
	Rec	a_p = mm Min Max		Rec	f_n = mm/rev Min Max	
TCGX110308-AL	1.5	0.5	5	0.3	0.15	0.6
TCGX16T304-AL	1.5	0.5	7	0.2	0.1	0.3
TCGX16T308-AL	1.5	0.5	7	0.3	0.15	0.6
TCMT06T102-KF	0.26	0.06	1.5	0.06	0.05	0.11
TCMT06T102-KF	0.26	0.06	1.5	0.06	0.03	0.11
TCMT06T102-MF	0.26	0.06	1.5	0.06	0.03	0.11
TCMT06T102-PF	0.26	0.06	1.5	0.06	0.05	0.11
TCMT06T102-UF	0.4	0.2	1.5	0.07	0.05	0.15
TCMT06T104-KF	0.26	0.08	1.5	0.08	0.05	0.17
TCMT06T104-MF	0.26	0.08	1.5	0.08	0.05	0.17
TCMT06T104-PF	0.26	0.08	1.5	0.08	0.05	0.17
TCMT06T104-UF	0.4	0.2	1.5	0.1	0.05	0.2
TCMT06T108-KF	0.26	0.11	1.5	0.11	0.06	0.23
TCMT06T108-MF	0.26	0.11	1.5	0.11	0.06	0.23
TCMT06T108-PF	0.26	0.11	1.5	0.11	0.06	0.23
TCMT090202-KF	0.3	0.06	1.7	0.06	0.05	0.13
TCMT090202-KF	0.3	0.06	1.7	0.06	0.03	0.13
TCMT090202-MF	0.3	0.06	1.7	0.06	0.03	0.13
TCMT090202-PF	0.3	0.06	1.7	0.06	0.05	0.13
TCMT090204-KF	0.3	0.1	1.7	0.1	0.05	0.19
TCMT090204-KM	0.6	0.19	2.25	0.11	0.06	0.17
TCMT090204-MF	0.3	0.1	1.7	0.1	0.05	0.19
TCMT090204-MM	0.6	0.19	2.25	0.11	0.06	0.17
TCMT090204-PF	0.3	0.1	1.7	0.1	0.05	0.19
TCMT090204-PM	0.6	0.19	2.25	0.11	0.06	0.17
TCMT090204-UF	0.4	0.2	1.5	0.1	0.05	0.2
TCMT090204-UM	1	0.3	2.5	0.2	0.06	0.3
TCMT090204-UM	1	0.5	2.5	0.2	0.08	0.3
TCMT090208-KM	0.6	0.38	2.25	0.15	0.08	0.23
TCMT090208-MM	0.6	0.38	2.25	0.15	0.08	0.23
TCMT090208-PM	0.6	0.38	2.25	0.15	0.08	0.23
TCMT090208-UF	0.4	0.2	1.5	0.1	0.05	0.25
TCMT090208-UM	1	0.5	2.5	0.25	0.12	0.4
TCMT110202-UF	0.4	0.2	2	0.07	0.05	0.15
TCMT110204-UF	0.4	0.2	2	0.1	0.05	0.2
TCMT110204-UM	1.25	0.5	3	0.2	0.08	0.3
TCMT110204-UR	2	1	3	0.25	0.15	0.3
TCMT110208-UF	0.4	0.2	2	0.1	0.05	0.25
TCMT110208-UM	1.25	0.5	3	0.25	0.12	0.4
TCMT110208-UR	2	1	3	0.3	0.15	0.4
TCMT110302-KF	0.3	0.06	1.7	0.06	0.05	0.13
TCMT110302-MF	0.3	0.06	1.7	0.06	0.03	0.13
TCMT110302-PF	0.3	0.06	1.7	0.06	0.05	0.13
TCMT110304-KF	0.3	0.1	1.7	0.1	0.05	0.19
TCMT110304-KM	0.67	0.21	2.5	0.13	0.06	0.19
TCMT110304-MF	0.3	0.1	1.7	0.1	0.05	0.19
TCMT110304-MM	0.67	0.21	2.5	0.13	0.06	0.19
TCMT110304-PF	0.3	0.1	1.7	0.1	0.05	0.19
TCMT110304-PM	0.67	0.21	2.5	0.13	0.06	0.19
TCMT110308-KF	0.3	0.13	1.7	0.13	0.07	0.26
TCMT110308-KM	0.67	0.42	2.5	0.17	0.09	0.26
TCMT110308-KR	1.5	0.75	3	0.21	0.1	0.3
TCMT110308-KR	1.5	0.75	3	0.21	0.1	0.3
TCMT110308-MF	0.3	0.13	1.7	0.13	0.07	0.26
TCMT110308-MM	0.67	0.42	2.5	0.17	0.09	0.26
TCMT110308-MR	1.5	0.75	3	0.21	0.1	0.3
TCMT110308-PF	0.3	0.13	1.7	0.13	0.07	0.26
TCMT110308-PM	0.67	0.42	2.5	0.17	0.09	0.26
TCMT110308-PR	1.5	0.75	3	0.21	0.1	0.3
TCMT110312-KM	0.65	0.5	2.5	0.2	0.1	0.31
TCMT110312-KR	1.5	0.9	3	0.26	0.12	0.36
TCMT110312-PM	0.67	0.5	2.5	0.2	0.1	0.31
TCMT16T304-KF	0.35	0.11	2	0.11	0.06	0.23
TCMT16T304-KM	0.8	0.25	3	0.15	0.08	0.23
TCMT16T304-MF	0.35	0.11	2	0.11	0.06	0.23
TCMT16T304-MM	0.8	0.25	3	0.15	0.08	0.23
TCMT16T304-PF	0.35	0.11	2	0.11	0.06	0.23
TCMT16T304-PM	0.8	0.25	3	0.15	0.08	0.23
TCMT16T304-UM	1.5	0.5	4	0.2	0.08	0.3
TCMT16T304-UR	2.5	1	4	0.25	0.15	0.3
TCMT16T308-KM	0.8	0.5	3	0.2	0.1	0.3
TCMT16T308-KR	2	1	4	0.25	0.12	0.35
TCMT16T308-MM	0.8	0.5	3	0.2	0.1	0.3

Recommended depth of cut and cutting feed, metric

CoroTurn® 107 insert for turning

Insert	Depth of cut			Cutting feed		
	Rec	a_p = mm Min Max		Rec	f_n = mm/rev Min Max	
TCMT16T308-MR	2	1	4	0.25	0.12	0.35
TCMT16T308-PM	0.8	0.5	3	0.2	0.1	0.3
TCMT16T308-PR	2	1	4	0.25	0.12	0.35
TCMT16T308-UF	0.4	0.2	2	0.1	0.05	0.25
TCMT16T308-UM	1.5	0.5	4	0.25	0.12	0.4
TCMT16T308-UR	2.5	1	4	0.3	0.15	0.5
TCMT16T312-KM	0.8	0.6	3	0.24	0.12	0.36
TCMT16T312-KR	2	1.2	4	0.3	0.14	0.42
TCMT16T312-MM	0.8	0.6	3	0.24	0.12	0.36
TCMT16T312-MR	2	1.2	4	0.3	0.14	0.42
TCMT16T312-PM	0.8	0.6	3	0.24	0.12	0.36
TCMT16T312-PR	2	1.2	4	0.3	0.14	0.42
TCMT16T312-UR	2.5	1	4	0.3	0.2	0.5
TCMT220408-KM	0.96	0.6	3.6	0.24	0.12	0.36
TCMT220408-KR	2.4	1.2	4.8	0.3	0.14	0.42
TCMT220408-MM	0.96	0.6	3.6	0.24	0.12	0.36
TCMT220408-MR	2.4	1.2	4.8	0.3	0.14	0.42
TCMT220408-PM	0.96	0.6	3.6	0.24	0.12	0.36
TCMT220408-PR	2.4	1.2	4.8	0.3	0.14	0.42
TCMT220412-KR	2.4	1.44	4.8	0.36	0.17	0.5
TCMT220412-MR	2.4	1.44	4.8	0.36	0.17	0.5
TCMT220412-PR	2.4	1.44	4.8	0.36	0.17	0.5
TCMW090204FP	0.5	0.1	2.2	0.1	0.05	0.2
TCMW110204FP	0.5	0.1	2.2	0.1	0.05	0.2
TCMW110208FP	1	0.1	1.9	0.15	0.05	0.4
TCMW110304FP	0.5	0.1	2.2	0.1	0.05	0.2
TCMW110308FP	1	0.1	1.9	0.15	0.05	0.4
TCMW16T304FLP	0.5	0.1	7	0.1	0.05	0.2
TCMW16T304FP	0.5	0.1	3.4	0.1	0.05	0.2
TCMW16T304FRP	0.5	0.1	7	0.1	0.05	0.2
TCMW16T308FP	1	0.1	3.1	0.15	0.05	0.4
TCMX090202-WF	0.3	0.1	1.5	0.1	0.03	0.15
TCMX090204-WF	0.7	0.3	2	0.12	0.05	0.3
TCMX090208-WF	0.7	0.3	2	0.25	0.1	0.35
TCMX110302-WF	0.3	0.1	1.5	0.1	0.03	0.15
TCMX110304-WF	1	0.3	2.5	0.2	0.07	0.3
TCMX110308-WF	1	0.3	2.5	0.25	0.12	0.4
TCMX110308-WM	1.2	0.5	3	0.3	0.15	0.5
TCMX16T304-WF	1.2	0.3	3.5	0.2	0.07	0.35
TCMX16T308-WF	1.2	0.3	3.5	0.25	0.12	0.5
TCMX16T308-WM	1.5	0.5	4	0.3	0.15	0.5
VBGT160401-UM	0.3	0.1	1	0.03	0.01	0.08
VBGT160402-UM	0.5	0.1	1.5	0.07	0.02	0.16
VBGT160404-UM	1.25	0.3	4	0.2	0.08	0.3
VBGT160408-UM	1.25	0.3	4	0.25	0.12	0.3
VBGW110302S01020F	0.07	0.04	0.1	0.07	0.03	0.1
VBGW110302T01020F	0.07	0.04	0.2	0.07	0.03	0.1
VBGW110304S01020F	0.1	0.07	0.2	0.1	0.05	0.2
VBGW160404S01020F	0.1	0.07	0.2	0.1	0.05	0.2
VBGW160404S01030F	0.1	0.07	0.4	0.1	0.05	0.2
VBGW160404S01530F	0.1	0.07	0.4	0.1	0.05	0.2
VBGW160404T01020F	0.1	0.07	0.4	0.1	0.05	0.2
VBGW160408S01020F	0.2	0.07	0.4	0.15	0.05	0.3
VBGW160408S01530F	0.2	0.07	0.8	0.15	0.05	0.3
VBGW160408T01020F	0.2	0.07	0.8	0.15	0.05	0.3
VBMT110202-UF	0.4	0.2	1.5	0.07	0.05	0.15
VBMT110204-UF	0.4	0.2	1.5	0.1	0.05	0.2
VBMT110208-UF	0.4	0.2	1.5	0.1	0.05	0.25
VBMT110302-KF	0.3	0.06	1.7	0.06	0.03	0.13
VBMT110302-MF	0.3	0.06	1.7	0.06	0.03	0.13
VBMT110302-PF	0.3	0.06	1.7	0.06	0.05	0.13
VBMT110304-KF	0.3	0.1	1.7	0.1	0.05	0.19
VBMT110304-MF	0.3	0.1	1.7	0.1	0.05	0.19
VBMT110304-PF	0.3	0.1	1.7	0.1	0.05	0.19
VBMT110308-KF	0.3	0.13	1.7	0.13	0.07	0.26
VBMT110308-MF	0.3	0.13	1.7	0.13	0.07	0.26
VBMT110308-PF	0.3	0.13	1.7	0.13	0.07	0.26
VBMT110312-PF	0.3	0.13	1.7	0.15	0.08	0.31
VBMT160402-KF	0.32	0.07	1.8	0.07	0.04	0.14
VBMT160402-MF	0.32	0.07	1.8	0.07	0.04	0.14
VBMT160402-PF	0.32	0.07	1.8	0.07	0.05	0.14
VBMT160404-KF	0.32	0.1	1.8	0.1	0.05	0.2
VBMT160404-KM	0.72	0.23	2.7	0.14	0.07	0.2

Insert	Depth of cut			Cutting feed		
	Rec	a_p = mm Min Max		Rec	f_n = mm/rev Min Max	
VBMT160404-MF	0.32	0.1	1.8	0.1	0.05	0.2
VBMT160404-MM	0.72	0.23	2.7	0.14	0.07	0.2
VBMT160404-PF	0.32	0.1	1.8	0.1	0.05	0.2
VBMT160404-PM	0.72	0.23	2.7	0.14	0.07	0.2
VBMT160404-UM	1.25	0.5	4	0.2	0.08	0.3
VBMT160404-UR	2	1	4	0.25	0.15	0.3
VBMT160408-KF	0.32	0.14	1.8	0.14	0.07	0.27
VBMT160408-KM	0.72	0.45	2.7	0.18	0.09	0.27
VBMT160408-KR	1.8	0.9	3.6	0.23	0.11	0.32
VBMT160408-MF	0.32	0.14	1.8	0.14	0.07	0.27
VBMT160408-MM	0.72	0.45	2.7	0.18	0.09	0.27
VBMT160408-MR	1.8	0.9	3.6	0.23	0.11	0.32
VBMT160408-PF	0.32	0.14	1.8	0.14	0.07	0.27
VBMT160408-PM	0.72	0.45	2.7	0.18	0.09	0.27
VBMT160408-PR	1.8	0.9	3.6	0.23	0.11	0.32
VBMT160408-UM	1.25	0.5	4	0.25	0.12	0.4
VBMT160408-UR	2	1	4	0.3	0.15	0.5
VBMT160412-KM	0.72	0.54	2.7	0.22	0.11	0.32
VBMT160412-KR	1.8	1.08	3.6	0.27	0.13	0.38
VBMT160412-MF	0.32	0.14	1.8	0.16	0.09	0.32
VBMT160412-MM	0.72	0.54	2.7	0.22	0.11	0.32
VBMT160412-MR	1.8	1.08	3.6	0.27	0.13	0.38
VBMT160412-PF	0.32	0.14	1.8	0.16	0.09	0.32
VBMT160412-PM	0.72	0.54	2.7	0.22	0.11	0.32
VBMT160412-PR	1.8	1.08	3.6	0.27	0.13	0.38
VBMT160412-UM	1.25	0.5	4	0.25	0.1	0.4
VBMT160412-UR	2	1	4	0.3	0.2	0.5
VCET110301-UM	0.3	0.1	4	0.03	0.01	0.06
VCET110302-UM	0.5	0.2	4	0.03	0.02	0.08
VCEX110300L-F	1	0.03	3	0.05	0.01	0.14
VCEX110300R-F	1	0.03	4	0.05	0.01	0.2
VCEX110301L-F	1	0.05	3	0.07	0.01	0.21
VCEX110301R-F	1	0.05	4	0.1	0.01	0.3
VCGT110301-UM	0.3	0.1	1	0.03	0.01	0.08
VCGT110302-UM	0.5	0.1	1.5	0.07	0.02	0.16
VCGT110304-UM	1.25	0.3	3	0.15	0.08	0.25
VCGX110202-AL	1	0.3	3	0.12	0.05	0.15
VCGX110204-AL	1.5	0.5	3	0.2	0.1	0.3
VCGX110302-AL	1	0.3	3	0.12	0.05	0.15
VCGX110304-AL	1.5	0.5	3	0.2	0.1	0.3
VCGX160404-AL	1.5	0.5	5	0.2	0.1	0.3
VCGX160408-AL	1.5	0.5	5	0.3	0.15	0.6
VCGX160412-AL	1.5	0.5	5	0.4	0.15	0.8
VCGX220520-AL	1.5	0.5	7	0.6	0.25	1
VCGX220530-AL	1.5	0.5	7	0.6	0.25	1
VCMT110302-PF	0.3	0.07	1.5	0.07	0.05	0.13
VCMT110304-KF	0.3	0.1	1.5	0.1	0.05	0.2
VCMT110304-MF	0.3	0.1	1.5	0.1	0.05	0.2
VCMT110304-MM	0.77	0.31	2.55	0.15	0.1	0.25
VCMT110304-PF	0.3	0.1	1.5	0.1	0.05	0.2
VCMT110304-PM	0.77	0.31	2.55	0.15	0.1	0.25
VCMT110308-KM	0.77	0.61	2.55	0.2	0.13	0.33
VCMT110308-MM	0.77	0.61	2.55	0.2	0.13	0.33
VCMT110308-PM	0.77	0.61	2.55	0.2	0.13	0.33
VCMW110204FP	0.5	0.1	3.5	0.1	0.05	0.2
VCMW110304FP	0.5	0.1	3.5	0.1	0.05	0.2
VCMW160408FP	1	0.1	2.8	0.15	0.05	0.4
VCMW160412FP	1	0.1	2.1	0.15	0.05	0.4

Recommended depth of cut and cutting feed, metric

T-Max® insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = mm			f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
CNGN120708T02520	2	1	3	0.2	0.15	0.5
CNGN160716T01020	2	1	3	0.19	0.07	0.3
CNGN120408T01020	1.2	0.1	3.6	0.1	0.07	0.2
CNGN120412S02520M	2	0.5	4	0.35	0.1	0.6
CNGN120412T01020	1.2	0.1	3.6	0.14	0.07	0.3
CNGN120412T02520	2	1	3	0.2	0.1	0.5
CNGN120416S02520M	2	0.5	4	0.35	0.1	0.6
CNGN120416T01020	1.2	0.1	3.6	0.19	0.07	0.3
CNGN120708T01020	1.2	0.1	3.6	0.1	0.07	0.2
CNGN120712T01020	1.2	0.1	3.6	0.14	0.07	0.2
CNGN120716T01020	1.2	0.1	3.6	0.19	0.07	0.3
CNGN120716T02520	2	1	3	0.2	0.15	0.5
CNGN160708T01020	1.6	0.1	4.8	0.1	0.07	0.2
CNGN160712T01020	1.6	0.1	4.8	0.14	0.07	0.3
DNGN150408T01020	1.5	0.1	4.5	0.1	0.07	0.2
DNGN150412T01020	1.5	0.1	4.5	0.14	0.07	0.3
DNGN150708T01020	1.5	0.1	4.5	0.1	0.07	0.2
DNGN150712T01020	1.5	0.1	4.5	0.14	0.07	0.3
DNGN150712T02520	2	1	3	0.2	0.1	0.5
DNGN150716K07015	4.5	0.1	7.5	0.4	0.05	0.6
DNGN150716T01020	1.5	0.1	4.5	0.19	0.07	0.3
DNGN150716T07015	4.5	0.1	7.5	0.4	0.05	0.6
RCGX060600E	0.8	0.4	1.6	0.03	0.03	0.03
RCGX060600T01020	0.9	0.1	1.8	0.12	0.1	0.2
RCGX090700E	1.2	0.6	2.4	0.05	0.05	0.05
RCGX090700T01020	1.35	0.1	2.7	0.15	0.1	0.2
RCGX090700T07015	2.7	0.1	3.6	0.25	0.1	0.6
RCGX120700E	1.8	0.9	3.6	0.08	0.08	0.08
RCGX120700K15015	3.6	0.1	4.8	0.3	0.1	0.6
RCGX120700T01020	1.8	0.1	3.6	0.15	0.1	0.2
RCGX120700T02520	2	1	3	0.4	0.3	0.5
RCGX120700T15015	2	1	3	0.4	0.3	0.5
RCGX151000T20015	4.5	0.1	6	0.3	0.1	0.6
RCGX191000K20015	5.7	0.1	7.6	0.4	0.1	0.6
RCGX191000T20015	5.7	0.1	7.6	0.4	0.1	0.6
RNGN060300S02520M	2	0.5	4	0.49	0.14	0.85
RNGN090300S02520M	2	0.5	4	0.49	0.14	0.85
RNGN090300T01020	1.35	0.1	2.7	0.15	0.1	0.25
RNGN120300S02520M	2	0.5	4	0.49	0.14	0.85
RNGN120400E	1.8	0.9	3.6	0.08	0.08	0.08
RNGN120400S02520M	2	0.5	4	0.49	0.14	0.85
RNGN120400T01020	1.8	0.1	3.6	0.15	0.1	0.3
RNGN120400T02520	2	1	3	0.2	0.15	0.5
RNGN120700E	1.8	0.9	3.6	0.08	0.08	0.08
RNGN120700K15015	3.6	0.1	4.8	0.3	0.1	0.6
RNGN120700T01020	1.8	0.1	3.6	0.15	0.1	0.2
RNGN120700T02520	2	1	3	0.2	0.1	0.5
RNGN120700T15015	3.6	0.1	4.8	0.3	0.1	0.6
RNGN150700T01020	2.25	0.1	4.5	0.2	0.1	0.3
RNGN150700T20015	2.25	0.1	4.5	0.2	0.1	0.3
RNGN190700E	2.4	1.2	4.8	0.11	0.11	0.11
RNGN190700K20015	2.85	0.1	5.7	0.2	0.1	0.4
RNGN190700T01020	2.85	0.1	5.7	0.2	0.1	0.4
RNGN190700T20015	5.7	0.1	7.6	0.4	0.1	0.6
RPGN060300E	0.9	0.4	1.8	0.12	0.1	0.2
RPGN060300T01020	0.9	0.4	1.8	0.12	0.1	0.2
RPGN090300E	1.35	0.6	2.7	0.15	0.1	0.2
RPGN090300T01020	1.35	0.1	2.7	0.15	0.1	0.25
RPGN120400E	1.8	0.9	3.6	0.15	0.1	0.2
RPGN120400T01020	1.8	0.9	3.6	0.15	0.1	0.25
RPGX060600T01020	1.8	0.4	3.6	0.12	0.1	0.2
RPGX090700E	1.2	0.6	2.4	0.05	0.05	0.05
RPGX090700T01020	1.35	0.1	2.7	0.15	0.1	0.2
RPGX120700E	1.8	0.9	3.6	0.08	0.08	0.08
RPGX120700T01020	1.8	0.1	3.6	0.15	0.1	0.2
SNGN120416T01020	1.2	0.1	3.6	0.2	0.07	0.31
SNGN090308T01020	0.9	0.1	2.7	0.1	0.07	0.21
SNGN090312S02520M	2	0.5	4	0.36	0.1	0.62
SNGN090312T01020	0.9	0.1	2.7	0.14	0.07	0.31
SNGN120408T01020	1.2	0.1	3.6	0.1	0.07	0.21
SNGN120408T02520	2	1	3	0.21	0.16	0.52
SNGN120412E	2	1	4	0.16	0.1	0.21
SNGN120412S02520M	2	0.5	4	0.36	0.1	0.62

Insert	Depth of cut			Cutting feed		
	a_p = mm			f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
SNGN120412T01020	1.2	0.1	3.6	0.14	0.07	0.31
SNGN120412T02520	2	1	3	0.21	0.1	0.52
SNGN120416S02520M	2	0.5	4	0.36	0.1	0.62
SNGN120416T02520	2	1	3	0.21	0.16	0.52
SNGN120708T01020	1.2	0.1	3.6	0.1	0.07	0.21
SNGN120708T02520	2	1	3	0.21	0.16	0.52
SNGN120712E	2	1	4	0.16	0.1	0.21
SNGN120712T01020	1.2	0.1	3.6	0.14	0.07	0.21
SNGN120712T02520	2	1	3	0.21	0.1	0.52
SNGN120716K15015	3.6	0.1	6	0.41	0.05	0.62
SNGN120716T01020	1.2	0.1	3.6	0.2	0.07	0.31
SNGN120716T02520	2	1	3	0.21	0.16	0.52
SNGN120716T15015	3.6	0.1	6	0.41	0.05	0.62
SNGN150708T01020	1.5	0.1	4.5	0.1	0.07	0.21
SNGN150716T01020	1.5	0.1	4.5	0.2	0.07	0.31
SNGN150716T02520	2	1	3	0.21	0.16	0.52
SNGN190716T01020	1.9	0.1	5.7	0.2	0.07	0.31
SNGN190724E	4	2	6	0.16	0.1	0.21
SNGN190724T01020	1.9	0.1	5.7	0.2	0.07	0.31
SPGN120408T01020	1.2	0.1	3.6	0.1	0.07	0.21
SPGN120412T01020	1.2	0.1	3.6	0.14	0.07	0.31
SPUN120304FP	0.5	0.1	3.7	0.1	0.05	0.21
TNGN110308T01020	1.1	0.1	3.3	0.1	0.07	0.2
TNGN160408T01020	1.6	0.1	4.8	0.1	0.07	0.2
TNGN160412T01020	1.6	0.1	4.8	0.14	0.07	0.3
TNGN160416T01020	1.6	0.1	4.8	0.19	0.07	0.3
TNGN160708T01020	1.6	0.1	4.8	0.1	0.07	0.2
TNGN160712T01020	1.6	0.1	4.8	0.14	0.07	0.3
TPGN110304T01020	1.1	0.1	3.3	0.09	0.07	0.1
TPGN110308T01020	1.1	0.1	3.3	0.1	0.07	0.2
TPGN160304T01020	1.6	0.1	4.8	0.09	0.07	0.1
TPGN160308E	4.8	0.1	8	0.2	0.05	0.36
TPGN160308T01020	1.6	0.1	4.8	0.1	0.07	0.2
TPGN160312T01020	1.6	0.1	4.8	0.14	0.07	0.3
TPUN110304FP	0.5	0.1	2.2	0.1	0.05	0.2
TPUN160304FLP	0.5	0.1	7	0.1	0.05	0.2
TPUN160304FRP	0.5	0.1	2.2	0.1	0.05	0.2

CoroTurn® 300 insert for turning

3-80-101104-8-L4	1.2	0.25	3	0.2	0.1	0.3
3-80-101108-8-L4	1.6	0.5	3	0.22	0.12	0.32
3-80-101108-8-M5	2.5	0.8	3.8	0.32	0.2	0.45
3-80-101108-8-M5W	2.5	0.5	3.8	0.45	0.2	0.6
3-80-101112-8-L4	2	0.65	3	0.25	0.15	0.35
3-80-101112-8-M5	3	1.2	3.8	0.35	0.25	0.55
3-80-101112-8-M5W	3	0.8	3.8	0.5	0.25	0.7

CoroTurn® Prime insert for turning

CP-A1104-L5	1	0.25	3	0.4	0.2	0.5
CP-A1108-L5	1	0.25	3	0.4	0.2	0.5
CP-A1108-L5W	1	0.25	3	0.4	0.2	0.5
CP-B1108-M5	2	0.5	4	0.59	0.31	1.21
CP-B1108-M5W	2	0.5	4	0.59	0.31	1.21

CoroTurn® TR insert for turning

TR-DC1304-F	1	0.15	3	0.2	0.08	0.3
TR-DC1304S01020F	0.2	0.07	0.6	0.2	0.05	0.3
TR-DC1308-F	1	0.15	3	0.24	0.1	0.4
TR-DC1308-M	2	0.5	5	0.25	0.1	0.4
TR-DC1308S01020F	0.2	0.07	0.6	0.2	0.05	0.3
TR-DC1312-M	2	0.5	5	0.3	0.15	0.5
TR-VB1302-F	0.3	0.05	1	0.07	0.03	0.13
TR-VB1304-F	0.8	0.1	2	0.15	0.06	0.35
TR-VB1304S01020F	0.1	0.07	0.2	0.1	0.05	0.2
TR-VB1308-F	0.8	0.1	2	0.2	0.09	0.4
TR-VB1308S01020F	0.1	0.07	0.2	0.1	0.05	0.2
TR-VB1312-F	0.8	0.1	2	0.2	0.09	0.4

Recommended depth of cut and cutting feed, inch

T-Max® P insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
CNGA090304S01030A	.004	.003	.016	.004	.002	.008
CNGA090304S01030AWH	.004	.003	.016	.007	.002	.01
CNGA090304T01030AWH	.004	.003	.016	.007	.002	.01
CNGA090308S01030A	.008	.003	.031	.006	.002	.012
CNGA090308S01030AWH	.004	.003	.031	.011	.002	.014
CNGA090308S02035A	.008	.003	.031	.006	.002	.012
CNGA090308T01030AWH	.004	.003	.031	.011	.002	.014
CNGA120404S01020A	.004	.003	.016	.004	.002	.008
CNGA120404S01020H	.004	.003	.008	.004	.002	.008
CNGA120404S01030A	.004	.003	.016	.004	.002	.008
CNGA120404S01030AWH	.004	.003	.016	.007	.002	.01
CNGA120404S01525	.004	.004	.02	.004	.002	.008
CNGA120404S01525H	.004	.003	.008	.004	.002	.008
CNGA120404S01525WH	.004	.004	.02	.004	.002	.012
CNGA120404S02035A	.008	.003	.016	.006	.002	.012
CNGA120404S02035B	.008	.003	.016	.006	.002	.012
CNGA120404T01020B	.004	.003	.016	.004	.002	.008
CNGA120404T01020BWG	.004	.003	.016	.007	.002	.01
CNGA120404T01030AWH	.004	.003	.016	.007	.002	.01
CNGA120408EA	.006	.003	.031	.004	.002	.008
CNGA120408S01018A	.006	.003	.031	.006	.002	.012
CNGA120408S01020H	.008	.003	.016	.006	.002	.012
CNGA120408S01030A	.008	.003	.031	.006	.002	.012
CNGA120408S01030AWG	.004	.003	.031	.011	.002	.014
CNGA120408S01030AWH	.004	.003	.031	.011	.002	.014
CNGA120408S01520HWG	.004	.003	.016	.011	.002	.014
CNGA120408S01520HWH	.004	.003	.016	.011	.002	.014
CNGA120408S01525	.008	.004	.039	.004	.002	.012
CNGA120408S01525H	.008	.003	.016	.006	.002	.012
CNGA120408S01525WH	.004	.004	.039	.006	.002	.014
CNGA120408S01530B	.006	.004	.039	.006	.002	.012
CNGA120408S02030H	.008	.003	.016	.006	.002	.012
CNGA120408S02035A	.008	.003	.031	.006	.002	.012
CNGA120408S02035AWH	.004	.002	.016	.008	.002	.014
CNGA120408S02035B	.008	.003	.031	.006	.002	.012
CNGA120408T01020	.047	.004	.142	.004	.003	.008
CNGA120408T01020B	.006	.003	.031	.006	.002	.012
CNGA120408T01020BWG	.004	.003	.031	.011	.002	.014
CNGA120408T01020WVG	.142	.004	.236	.01	.006	.014
CNGA120408T01030A	.008	.003	.031	.006	.002	.012
CNGA120408T01030AWH	.004	.003	.031	.011	.002	.014
CNGA120408T01525	.008	.004	.039	.004	.002	.012
CNGA120408T01525WH	.008	.004	.039	.006	.002	.014
CNGA120408T02520	.118	.079	.157	.02	.012	.022
CNGA120412EA	.006	.003	.047	.004	.002	.008
CNGA120412S01018A	.008	.003	.047	.008	.002	.016
CNGA120412S01020H	.008	.003	.024	.008	.002	.012
CNGA120412S01030A	.008	.003	.047	.008	.002	.012
CNGA120412S01030AWG	.008	.003	.047	.013	.002	.016
CNGA120412S01030AWH	.008	.003	.047	.013	.002	.016
CNGA120412S01520HWG	.008	.003	.024	.013	.002	.016
CNGA120412S01520HWH	.008	.003	.024	.013	.002	.016
CNGA120412S01525	.012	.004	.059	.006	.002	.014
CNGA120412S01525H	.008	.003	.024	.008	.002	.012
CNGA120412S01525WH	.012	.004	.059	.008	.002	.014
CNGA120412S01530B	.008	.004	.059	.008	.002	.012
CNGA120412S02030H	.008	.003	.024	.008	.002	.012
CNGA120412S02035A	.008	.003	.047	.008	.002	.012
CNGA120412S02035B	.008	.003	.047	.008	.002	.012
CNGA120412T01020	.047	.004	.142	.006	.003	.012
CNGA120412T01020B	.008	.003	.047	.008	.002	.016
CNGA120412T01020WVG	.142	.004	.236	.018	.006	.021
CNGA120412T01030A	.008	.003	.047	.008	.002	.012
CNGA120412T01030AWH	.008	.003	.047	.013	.002	.016
CNGA120412T02520	.118	.079	.157	.02	.012	.024
CNGA120416S01030A	.024	.003	.063	.02	.002	.02
CNGA120416S01030A	.024	.003	.063	.02	.002	.028
CNGA120416S01525H	.008	.003	.031	.008	.002	.02
CNGA120416S02035A	.008	.003	.063	.008	.002	.012
CNGA120416T01020	.047	.004	.142	.007	.003	.012
CNGA120416T01020WVG	.142	.004	.236	.024	.006	.024
CNGA120416T02520	.118	.079	.157	.02	.012	.024
CNGA160608T01020	.063	.004	.189	.004	.003	.008
CNGA160612T01020	.063	.004	.189	.006	.003	.012

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
CNGA160612T02520	.189	.004	.315	.012	.006	.021
CNGA160616T02520	.189	.004	.315	.016	.006	.024
CNGA190616T02520	.224	.004	.374	.016	.006	.024
CNGG120401-SGF	.004	.002	.118	.001	0	.003
CNGG120402-SGF	.008	.003	.118	.002	.001	.004
CNGG120404-SGF	.012	.004	.118	.005	.002	.01
CNGG120408-SGF	.02	.008	.118	.006	.004	.012
CNGG120412-SGF	.031	.012	.157	.007	.004	.014
CNGQ120708T02520	.142	.004	.236	.008	.006	.014
CNGQ120708T02520WG	.142	.004	.236	.012	.006	.014
CNGQ120712T02520	.142	.004	.236	.012	.006	.021
CNGQ120712T02520WG	.142	.004	.236	.018	.006	.021
CNGX1204L025-18AXA	.008	.006	.010	.014	.010	.018
CNGX1204L025-18HXA	.008	.006	.010	.014	.010	.018
CNGQ120716T02520	.142	.004	.236	.016	.006	.024
CNGX120712T02520	.142	.004	.236	.012	.006	.021
CNGX120716T02520	.142	.004	.236	.016	.006	.024
CNMA120404-KR	.098	.008	.197	.008	.004	.012
CNMA120408-KR	.157	.008	.315	.014	.006	.024
CNMA120412-KR	.157	.012	.315	.018	.008	.031
CNMA120416-KR	.157	.012	.315	.022	.008	.039
CNMA160612-KR	.197	.012	.394	.018	.008	.031
CNMA160616-KR	.197	.012	.394	.022	.008	.039
CNMA190608-KR	.236	.008	.472	.014	.006	.024
CNMA190612-KR	.236	.012	.472	.018	.008	.031
CNMA190616-KR	.236	.012	.472	.022	.008	.039
CNMA190624-KR	.236	.016	.472	.024	.008	.047
CNMG090304-MF	.016	.004	.059	.006	.002	.01
CNMG090304-MM	.059	.006	.157	.01	.004	.016
CNMG090304-PF	.016	.01	.059	.006	.003	.012
CNMG090304-PM	.079	.016	.157	.008	.004	.012
CNMG090304-QM	.118	.039	.177	.01	.007	.012
CNMG090304-WF	.02	.012	.059	.006	.002	.01
CNMG090308-MF	.016	.004	.059	.008	.004	.014
CNMG090308-MM	.079	.02	.157	.01	.004	.016
CNMG090308-PF	.016	.012	.059	.006	.004	.012
CNMG090308-PM	.079	.02	.157	.012	.006	.02
CNMG090308-QM	.118	.039	.177	.014	.008	.02
CNMG090308-WF	.039	.012	.079	.012	.004	.012
CNMG120404-KF	.02	.006	.079	.006	.003	.01
CNMG120404-MF	.016	.004	.059	.006	.002	.012
CNMG120404-PF	.016	.01	.059	.006	.003	.012
CNMG120404-PM	.118	.016	.217	.008	.004	.012
CNMG120404-QM	.118	.039	.236	.01	.007	.012
CNMG120404-SF	.016	.006	.059	.005	.003	.009
CNMG120404-SM	.059	.006	.098	.008	.004	.012
CNMG120404-WF	.016	.01	.118	.01	.002	.01
CNMG120404-XF	.03	.006	.157	.006	.002	.008
CNMG120404-XM	.098	.012	.197	.007	.003	.012
CNMG120408-KF	.02	.006	.079	.008	.004	.012
CNMG120408-KM	.118	.008	.236	.014	.006	.02
CNMG120408-KR	.138	.015	.276	.015	.007	.021
CNMG120408-MF	.016	.004	.059	.008	.004	.016
CNMG120408-MM	.118	.02	.224	.01	.004	.018
CNMG120408-MR	.118	.079	.299	.012	.006	.022
CNMG120408-PF	.016	.012	.059	.008	.004	.016
CNMG120408-PM	.118	.02	.217	.012	.006	.02
CNMG120408-PR	.157	.028	.276	.014	.008	.02
CNMG120408-QM	.118	.039	.236	.014	.008	.02
CNMG120408-SF	.02	.008	.059	.006	.004	.01
CNMG120408-SM	.079	.008	.118	.01	.004	.014
CNMG120408-SMR	.079	.02	.157	.012	.004	.016
CNMG120408-WF	.039	.01	.157	.012	.004	.02
CNMG120408-WMX	.118	.02	.197	.018	.006	.028
CNMG120408-XF	.039	.008	.157	.008	.002	.01
CNMG120408-XM	.098	.02	.197	.01	.004	.016
CNMG120408-XMR	.118	.02	.236	.012	.006	.02
CNMG120412-KF	.039	.008	.098	.01	.004	.014
CNMG120412-KM	.118	.012	.236	.016	.006	.024
CNMG120412-KR	.138	.02	.276	.02	.01	.028
CNMG120412-MF	.031	.008	.098	.01	.006	.02
CNMG120412-MM	.118	.02	.224	.012	.004	.024
CNMG120412-MR	.118	.079	.299	.014	.006	.024
CNMG120412-PF	.031	.014	.059	.01	.006	.02

Recommended depth of cut and cutting feed, inch

T-Max® P insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
CNMG120412-PM	.118	.031	.217	.014	.007	.024
CNMG120412-PR	.157	.039	.276	.016	.01	.028
CNMG120412-QM	.118	.039	.236	.014	.01	.024
CNMG120412-SF	.031	.016	.079	.007	.005	.012
CNMG120412-SM	.079	.012	.138	.011	.005	.015
CNMG120412-SMR	.079	.02	.157	.013	.005	.017
CNMG120412-WF	.059	.016	.157	.02	.008	.024
CNMG120412-WM	.138	.031	.236	.02	.008	.035
CNMG120412-WMX	.138	.031	.236	.02	.008	.03
CNMG120412-XM	.118	.028	.197	.012	.006	.018
CNMG120412-XMR	.118	.03	.236	.013	.007	.022
CNMG120416-KM	.118	.012	.236	.018	.008	.028
CNMG120416-KR	.138	.03	.276	.024	.011	.033
CNMG120416-MR	.118	.079	.299	.016	.006	.028
CNMG120416-PM	.118	.039	.217	.016	.009	.026
CNMG120416-PR	.157	.059	.276	.02	.013	.03
CNMG120416-QM	.118	.039	.236	.016	.012	.026
CNMG120416-SMR	.079	.02	.157	.014	.006	.018
CNMG120416-XMR	.138	.039	.236	.014	.008	.024
CNMG160604-QM	.118	.039	.315	.01	.007	.012
CNMG160608-KM	.157	.008	.315	.014	.006	.02
CNMG160608-MM	.157	.02	.283	.01	.004	.018
CNMG160608-PM	.157	.02	.283	.012	.006	.02
CNMG160608-PR	.197	.028	.315	.014	.008	.02
CNMG160608-QM	.118	.039	.315	.014	.008	.02
CNMG160608-SM	.118	.02	.315	.118	.007	.02
CNMG160608-WM	.138	.028	.256	.016	.008	.028
CNMG160608-WMX	.118	.02	.197	.018	.006	.028
CNMG160612-KM	.157	.012	.315	.016	.006	.024
CNMG160612-KR	.185	.031	.366	.022	.011	.03
CNMG160612-MM	.157	.02	.283	.012	.004	.024
CNMG160612-MR	.157	.079	.394	.014	.006	.024
CNMG160612-PM	.157	.031	.283	.014	.007	.024
CNMG160612-PR	.197	.039	.315	.016	.01	.028
CNMG160612-QM	.118	.039	.315	.014	.01	.024
CNMG160612-SM	.157	.039	.236	.01	.008	.014
CNMG160612-WM	.138	.028	.256	.016	.008	.028
CNMG160612-WMX	.138	.031	.236	.02	.008	.03
CNMG160612-XMR	.157	.039	.276	.016	.008	.026
CNMG160616-KM	.157	.012	.315	.018	.008	.028
CNMG160616-KR	.185	.039	.366	.024	.012	.033
CNMG160616-MM	.157	.02	.283	.015	.004	.026
CNMG160616-MR	.157	.079	.394	.016	.006	.028
CNMG160616-PM	.157	.039	.283	.016	.009	.026
CNMG160616-PR	.197	.059	.315	.02	.012	.031
CNMG160616-QM	.118	.039	.315	.014	.012	.022
CNMG160616-SM	.157	.039	.236	.012	.01	.016
CNMG160616-SMR	.157	.039	.236	.016	.012	.02
CNMG160616-XMR	.157	.039	.276	.018	.01	.028
CNMG160624-PR	.197	.079	.315	.02	.013	.035
CNMG190604-QM	.118	.039	.315	.01	.007	.012
CNMG190608-MM	.157	.02	.335	.01	.004	.018
CNMG190608-PM	.157	.02	.339	.012	.006	.02
CNMG190608-PR	.197	.028	.394	.014	.008	.02
CNMG190608-QM	.118	.039	.315	.014	.008	.02
CNMG190608-SM	.157	.02	.315	.012	.006	.02
CNMG190612-KM	.177	.012	.354	.016	.006	.024
CNMG190612-KR	.276	.039	.551	.022	.011	.03
CNMG190612-MM	.157	.02	.335	.012	.004	.024
CNMG190612-MR	.157	.079	.449	.014	.006	.024
CNMG190612-PM	.157	.031	.339	.014	.007	.024
CNMG190612-PR	.197	.039	.394	.016	.01	.028
CNMG190612-QM	.118	.039	.315	.014	.01	.024
CNMG190612-SM	.079	.02	.354	.012	.008	.02
CNMG190612-SMR	.236	.039	.354	.014	.01	.017
CNMG190612-XMR	.157	.039	.335	.018	.01	.028
CNMG190616-KM	.177	.012	.354	.018	.008	.028
CNMG190616-KR	.276	.059	.551	.024	.012	.033
CNMG190616-MM	.157	.02	.335	.015	.004	.026
CNMG190616-MR	.157	.079	.449	.016	.006	.028
CNMG190616-PM	.157	.039	.339	.016	.009	.026
CNMG190616-PR	.197	.059	.394	.02	.012	.031
CNMG190616-QM	.118	.039	.315	.016	.012	.026

Insert	Depth of cut			Cutting feed		
	a_p = mm			f_n = mm/rev		
	Rec	Min	Max	Rec	Min	Max
CNMG190616-SM	.236	.039	.354	.012	.01	.016
CNMG190616-SMR	.236	.039	.354	.016	.012	.02
CNMG190624-MR	.157	.079	.449	.02	.006	.039
CNMG190624-PR	.197	.079	.394	.02	.013	.035
CNMM120408-MR	.118	.028	.295	.014	.008	.022
CNMM120408-PR	.197	.028	.295	.016	.008	.022
CNMM120412-MR	.118	.039	.295	.016	.01	.028
CNMM120412-PR	.197	.039	.295	.02	.01	.028
CNMM120416-MR	.118	.059	.295	.02	.013	.035
CNMM120416-PR	.197	.059	.295	.022	.013	.035
CNMM160608-PR	.236	.028	.374	.016	.008	.022
CNMM160612-MR	.236	.047	.374	.018	.013	.026
CNMM160612-PR	.236	.039	.374	.02	.01	.028
CNMM160616-MR	.236	.059	.374	.02	.014	.031
CNMM160616-PR	.236	.059	.374	.022	.013	.035
CNMM190612-MR	.276	.059	.472	.02	.013	.028
CNMM190612-PR	.236	.039	.472	.02	.01	.028
CNMM190616-MR	.276	.071	.472	.022	.014	.035
CNMM190616-PR	.236	.059	.472	.022	.013	.035
CNMM190624-MR	.276	.098	.472	.024	.016	.047
CNMM190624-PR	.236	.079	.472	.022	.014	.047
CNMX1204A1-SM	.039	.02	.059	.01	.005	.014
CNMX1204A2-SM	.079	.02	.098	.01	.005	.014
DNGA110404S01020A	.004	.003	.016	.004	.002	.008
DNGA110404S01030A	.004	.003	.016	.004	.002	.008
DNGA110404S01525H	.004	.003	.008	.004	.002	.008
DNGA110404T01020B	.004	.003	.016	.004	.002	.008
DNGA110408S01020A	.006	.003	.031	.006	.002	.012
DNGA110408S01030A	.008	.003	.031	.006	.002	.012
DNGA110408S01525H	.008	.003	.016	.006	.002	.012
DNGA110408S02035A	.008	.003	.031	.006	.002	.012
DNGA110408T01020B	.006	.003	.031	.006	.002	.012
DNGA110412S01030A	.008	.003	.047	.008	.002	.012
DNGA110412S01525H	.008	.003	.024	.008	.002	.012
DNGA150404S01020A	.004	.003	.016	.004	.002	.008
DNGA150404S01030A	.004	.003	.016	.004	.002	.008
DNGA150404S01525	.004	.004	.02	.004	.002	.008
DNGA150404S01525H	.004	.003	.008	.004	.002	.008
DNGA150404S02035A	.008	.003	.016	.006	.002	.012
DNGA150408EA	.006	.003	.031	.004	.002	.008
DNGA150408S01020A	.004	.003	.031	.004	.002	.008
DNGA150408S01030A	.008	.003	.031	.006	.002	.012
DNGA150408S01030AWH	.004	.003	.031	.011	.002	.014
DNGA150408S01520HWH	.008	.003	.024	.013	.002	.016
DNGA150408S01525	.008	.004	.039	.004	.002	.012
DNGA150408S01525H	.008	.003	.024	.008	.002	.012
DNGA150408S01530B	.008	.004	.031	.006	.002	.012
DNGA150408S02030H	.008	.003	.008	.006	.002	.012
DNGA150408S02035A	.008	.003	.016	.006	.002	.012
DNGA150408S02035AWH	.004	.003	.031	.011	.002	.014
DNGA150408T01020	.059	.004	.177	.004	.003	.008
DNGA150408T01525	.008	.004	.039	.004	.002	.012
DNGA150408T02520	.177	.004	.295	.008	.006	.014
DNGA150412EA	.006	.003	.047	.004	.002	.008
DNGA150412S01030A	.008	.003	.047	.008	.002	.012
DNGA150412S01030AWH	.008	.003	.047	.013	.002	.016
DNGA150412S01520HWH	.008	.003	.024	.013	.002	.016
DNGA150412S01525	.012	.004	.059	.006	.002	.014
DNGA150412S01525H	.008	.003	.024	.008	.002	.012
DNGA150412S01530B	.008	.004	.031	.008	.002	.012
DNGA150412S02030H	.008	.003	.024	.008	.002	.012
DNGA150412S02035A	.008	.003	.047	.008	.002	.012
DNGA150412T01020	.059	.004	.177	.006	.003	.012
DNGA150412T02520	.177	.004	.295	.012	.006	.021
DNGA150416S01030A	.024	.003	.063	.02	.002	.028
DNGA150416S01525H	.008	.003	.031	.012	.002	.02
DNGA150416T01020	.059	.004	.177	.007	.003	.012
DNGA150604S01525	.004	.004	.02	.004	.002	.008
DNGA150608S01525	.008	.004	.039	.004	.002	.012
DNGA150608T01525	.008	.004	.039	.004	.002	.012
DNGA150612S01525	.012	.004	.059	.006	.002	.014
DNGG150401-SGF	.004	.002	.118	.001	0	.003
DNGG150402-SGF	.008	.003	.118	.002	.001	.004

Recommended depth of cut and cutting feed, inch

T-Max® P insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
DNGG150404-SGF	.012	.004	.118	.005	.002	.008
DNGG150408-SGF	.02	.008	.118	.006	.004	.01
DNGG150412-SGF	.031	.012	.118	.007	.004	.012
DNGG150604-SGF	.012	.004	.118	.005	.002	.008
DNGG150608-SGF	.02	.008	.118	.006	.004	.01
DNGG150612-SGF	.031	.012	.118	.007	.004	.012
DNGQ150708T02520	.177	.004	.295	.008	.006	.014
DNGQ150712T02520	.177	.004	.295	.012	.006	.021
DNGQ150716T02520	.177	.004	.295	.016	.006	.024
DNMA150408-KR	.118	.008	.236	.014	.006	.024
DNMA150412-KR	.118	.012	.236	.018	.008	.031
DNMA150608-KR	.118	.008	.236	.014	.006	.024
DNMA150612-KR	.118	.012	.236	.018	.008	.031
DNMA150616-KR	.118	.012	.236	.022	.008	.039
DNMG110404-KF	.02	.006	.079	.006	.003	.01
DNMG110404-MF	.016	.004	.059	.006	.002	.012
DNMG110404-PF	.016	.01	.059	.006	.003	.012
DNMG110404-PM	.079	.016	.197	.008	.004	.012
DNMG110404-QM	.118	.039	.217	.01	.007	.012
DNMG110404-SF	.016	.006	.059	.005	.003	.009
DNMG110404-SM	.039	.016	.157	.006	.004	.012
DNMG110408-KF	.02	.006	.079	.008	.004	.012
DNMG110408-KM	.079	.008	.138	.014	.006	.02
DNMG110408-MF	.016	.004	.059	.008	.004	.016
DNMG110408-MM	.079	.02	.173	.01	.004	.018
DNMG110408-PF	.016	.012	.059	.008	.004	.016
DNMG110408-PM	.079	.02	.197	.012	.006	.02
DNMG110408-QM	.118	.039	.217	.014	.008	.02
DNMG110408-SF	.02	.008	.059	.006	.004	.01
DNMG110412-KM	.079	.012	.138	.016	.006	.024
DNMG110412-MM	.079	.02	.173	.012	.004	.024
DNMG110412-PF	.031	.014	.059	.01	.006	.02
DNMG110412-PM	.079	.031	.197	.014	.007	.02
DNMG110412-QM	.118	.039	.217	.014	.01	.024
DNMG150404-KF	.02	.006	.079	.006	.003	.01
DNMG150404L-K	.098	.028	.197	.009	.006	.012
DNMG150404-MF	.016	.004	.059	.006	.002	.012
DNMG150404-PM	.118	.016	.236	.008	.004	.012
DNMG150404-QM	.118	.039	.295	.01	.007	.012
DNMG150404R-K	.098	.028	.197	.009	.006	.012
DNMG150404-SF	.016	.006	.059	.005	.003	.009
DNMG150404-SM	.059	.006	.079	.008	.004	.01
DNMG150404-XF	.03	.006	.157	.006	.002	.008
DNMG150404-XM	.098	.012	.197	.007	.003	.01
DNMG150408-KF	.02	.006	.079	.008	.004	.012
DNMG150408-KM	.098	.008	.197	.014	.006	.02
DNMG150408-KR	.138	.015	.276	.013	.007	.019
DNMG150408-MF	.016	.004	.059	.008	.004	.016
DNMG150408-MR	.118	.079	.236	.012	.006	.022
DNMG150408-PF	.016	.012	.059	.008	.004	.016
DNMG150408-PM	.118	.02	.236	.012	.006	.02
DNMG150408-PR	.157	.028	.236	.014	.008	.02
DNMG150408-QM	.118	.039	.295	.014	.008	.02
DNMG150408R-K	.118	.031	.197	.012	.006	.02
DNMG150408-SF	.02	.008	.059	.006	.004	.01
DNMG150408-SM	.079	.008	.098	.009	.004	.011
DNMG150408-SMR	.059	.006	.098	.008	.004	.01
DNMG150408-XF	.039	.008	.157	.008	.002	.01
DNMG150408-XM	.098	.02	.197	.01	.004	.016
DNMG150412-KM	.098	.012	.197	.016	.006	.024
DNMG150412-KR	.138	.02	.276	.018	.009	.025
DNMG150412-MF	.031	.008	.098	.01	.006	.02
DNMG150412-MR	.118	.079	.236	.014	.006	.024
DNMG150412-PF	.031	.014	.059	.01	.006	.02
DNMG150412-PM	.118	.031	.236	.014	.007	.024
DNMG150412-PR	.157	.039	.236	.016	.01	.028
DNMG150412-QM	.118	.039	.295	.014	.01	.024
DNMG150412-SM	.079	.012	.118	.01	.005	.012
DNMG150412-SMR	.079	.008	.118	.009	.004	.012
DNMG150416-MR	.118	.079	.236	.016	.006	.028
DNMG150416-PR	.157	.059	.236	.02	.012	.03
DNMG150604-KF	.02	.006	.079	.006	.003	.01
DNMG150604L-K	.098	.028	.197	.009	.006	.012

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
DNMG150604-MF	.016	.004	.059	.006	.002	.012
DNMG150604-PF	.016	.01	.059	.006	.003	.012
DNMG150604-PM	.118	.016	.236	.008	.004	.012
DNMG150604-QM	.118	.039	.295	.01	.007	.012
DNMG150604R-K	.098	.028	.197	.009	.006	.012
DNMG150604-SF	.016	.006	.059	.005	.003	.009
DNMG150604-SM	.059	.006	.079	.008	.004	.01
DNMG150604-XF	.03	.006	.157	.006	.002	.008
DNMG150604-XM	.098	.02	.197	.01	.004	.014
DNMG150608-KF	.02	.006	.079	.008	.004	.012
DNMG150608-KM	.098	.008	.197	.014	.006	.02
DNMG150608-KR	.138	.015	.276	.013	.007	.019
DNMG150608L-K	.118	.031	.197	.012	.006	.02
DNMG150608-MF	.016	.004	.059	.008	.004	.016
DNMG150608-MM	.118	.02	.252	.01	.004	.018
DNMG150608-MR	.118	.079	.236	.012	.006	.022
DNMG150608-PF	.016	.012	.059	.008	.004	.016
DNMG150608-PM	.118	.02	.236	.012	.006	.02
DNMG150608-PR	.157	.028	.236	.014	.008	.02
DNMG150608-QM	.118	.039	.295	.014	.008	.02
DNMG150608R-K	.118	.031	.197	.012	.006	.02
DNMG150608-SF	.02	.008	.059	.006	.004	.01
DNMG150608-SM	.079	.008	.098	.009	.004	.011
DNMG150608-SMR	.059	.006	.098	.008	.004	.01
DNMG150608-XF	.039	.008	.157	.008	.002	.01
DNMG150608-XM	.098	.02	.197	.01	.004	.016
DNMG150612-KF	.039	.008	.098	.01	.004	.014
DNMG150612-KM	.098	.012	.197	.016	.006	.024
DNMG150612-KR	.138	.02	.276	.018	.009	.025
DNMG150612-MF	.031	.008	.098	.01	.006	.02
DNMG150612-MM	.118	.02	.252	.012	.004	.024
DNMG150612-MR	.118	.079	.236	.014	.006	.024
DNMG150612-PF	.031	.014	.059	.01	.006	.02
DNMG150612-PM	.118	.031	.236	.014	.007	.024
DNMG150612-PR	.157	.039	.236	.016	.01	.028
DNMG150612-QM	.118	.039	.295	.014	.01	.024
DNMG150612-SF	.031	.016	.079	.007	.005	.012
DNMG150612-SM	.079	.012	.118	.01	.005	.012
DNMG150612-SMR	.079	.008	.118	.009	.004	.012
DNMG150612-XM	.118	.028	.197	.011	.006	.018
DNMG150612-XMR	.118	.03	.236	.012	.007	.02
DNMG150616-KR	.138	.03	.276	.02	.01	.027
DNMG150616-MR	.118	.079	.236	.016	.006	.028
DNMG150616-PM	.118	.039	.236	.016	.009	.026
DNMG150616-PR	.157	.059	.236	.02	.013	.03
DNMG150616-QM	.118	.039	.295	.016	.012	.026
DNMG150616-SMR	.079	.012	.118	.01	.005	.012
DNMG190608-PR	.197	.039	.315	.014	.008	.02
DNMG190612-PR	.197	.047	.315	.016	.01	.028
DNMM150608-MR	.118	.028	.236	.014	.008	.022
DNMM150608-PR	.197	.028	.236	.016	.008	.022
DNMM150612-MR	.118	.039	.236	.016	.01	.028
DNMM150612-PR	.197	.039	.236	.02	.01	.028
DNMM150616-PR	.197	.059	.236	.022	.013	.035
DNMX110404-WF	.039	.008	.059	.008	.003	.012
DNMX110408-WF	.039	.008	.118	.012	.004	.016
DNMX110408-WM	.059	.02	.138	.014	.006	.02
DNMX110412-WM	.079	.02	.157	.018	.006	.024
DNMX150408-WM	.079	.02	.177	.014	.006	.02
DNMX150408-WMX	.118	.02	.197	.018	.006	.028
DNMX150412-WM	.098	.02	.197	.018	.006	.024
DNMX150412-WMX	.138	.031	.236	.02	.008	.03
DNMX150416-WM	.138	.02	.236	.024	.008	.031
DNMX150416-WMX	.138	.02	.236	.02	.008	.031
DNMX150604-WF	.031	.008	.118	.008	.003	.012
DNMX150608-WF	.059	.008	.118	.012	.004	.016
DNMX150608-WMX	.118	.02	.197	.018	.006	.028
DNMX150612-WF	.059	.016	.138	.016	.006	.022
DNMX150612-WM	.098	.02	.197	.018	.006	.024
DNMX150612-WMX	.138	.031	.236	.02	.008	.03
DNMX150616-WM	.138	.02	.236	.024	.008	.031
DNMX150616-WMX	.138	.02	.236	.02	.008	.031
RCMX100300	.098	.039	.157	.006	.002	.013

Recommended depth of cut and cutting feed, inch

T-Max® P insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
RCMX100300E	.098	.039	.157	.006	.002	.013
RCMX120400	.118	.047	.189	.007	.003	.015
RCMX120400E	.118	.047	.189	.007	.003	.015
RCMX160600	.157	.063	.252	.01	.004	.02
RCMX200600	.197	.079	.315	.013	.005	.025
RNMG120400T01020	.071	.004	.142	.006	.004	.012
RNMG090300	.089	.035	.177	.006	.002	.011
RNMG090300	.089	.035	.177	.006	.002	.011
RNMG120400	.118	.047	.189	.007	.003	.015
RNMG120400	.118	.047	.189	.007	.003	.015
RNMG150600	.148	.059	.295	.009	.004	.018
RNMG190600	.167	.075	.299	.012	.005	.024
RNMG190600	.167	.075	.299	.012	.005	.024
RNMG190600-SM	.157	.079	.315	.018	.006	.02
SNGA090308S01030A	.008	.003	.031	.006	.002	.012
SNGA120408S01030A	.008	.003	.031	.006	.002	.012
SNGA120408S01525	.008	.004	.039	.004	.002	.012
SNGA120408T01020	.047	.004	.142	.004	.003	.008
SNGA120408T01020B	.006	.003	.031	.006	.002	.012
SNGA120408T01525	.008	.004	.039	.004	.002	.012
SNGA120408T02520	.118	.079	.157	.02	.012	.023
SNGA120412S01030A	.008	.003	.047	.008	.002	.012
SNGA120412S01525	.012	.004	.059	.006	.002	.014
SNGA120412S01525F	.008	.003	.024	.008	.002	.012
SNGA120412S02035A	.008	.003	.047	.006	.002	.012
SNGA120412S02035B	.008	.003	.047	.006	.002	.012
SNGA120412T01020	.047	.004	.142	.006	.003	.012
SNGA120412T01020B	.008	.003	.047	.008	.002	.016
SNGA120412T02520	.118	.079	.157	.02	.012	.024
SNGA120416T01020	.047	.004	.142	.008	.003	.012
SNGA120416T02520	.118	.079	.157	.02	.012	.024
SNGQ120708T02520	.142	.004	.236	.008	.006	.015
SNGQ120712T02520	.142	.004	.236	.012	.006	.022
SNGQ120716T02520	.142	.004	.236	.016	.006	.024
SNGX120712T02520	.142	.004	.236	.012	.006	.022
SNGX120716T02520	.142	.004	.236	.016	.006	.024
SNMA090308-KR	.098	.015	.177	.015	.008	.022
SNMA120408-KR	.157	.008	.315	.014	.006	.024
SNMA120412-KR	.157	.012	.315	.019	.008	.033
SNMA120416-KR	.157	.012	.315	.022	.008	.041
SNMA150612-KR	.197	.012	.394	.019	.008	.033
SNMA150616-KR	.197	.012	.394	.022	.008	.041
SNMA190608-KR	.236	.008	.472	.014	.006	.024
SNMA190612-KR	.236	.012	.472	.019	.008	.033
SNMA190616-KR	.236	.012	.472	.022	.008	.041
SNMG090304-PM	.079	.016	.177	.008	.004	.012
SNMG090304-QM	.118	.039	.177	.01	.007	.012
SNMG090308-KM	.098	.008	.177	.014	.006	.02
SNMG090308-PM	.079	.02	.177	.012	.006	.02
SNMG090308-QM	.118	.039	.177	.014	.008	.02
SNMG120404-MF	.016	.004	.059	.006	.002	.012
SNMG120404-PM	.118	.016	.236	.008	.004	.012
SNMG120404-QM	.118	.039	.236	.01	.007	.012
SNMG120404-SM	.059	.016	.157	.01	.006	.016
SNMG120408-KM	.118	.008	.236	.014	.006	.02
SNMG120408-KR	.138	.015	.276	.015	.008	.022
SNMG120408-MF	.016	.004	.059	.008	.004	.016
SNMG120408-MM	.118	.02	.25	.01	.004	.019
SNMG120408-MR	.118	.079	.299	.012	.006	.022
SNMG120408-PF	.016	.012	.059	.008	.004	.016
SNMG120408-PM	.118	.02	.236	.012	.006	.02
SNMG120408-PR	.157	.028	.276	.014	.008	.02
SNMG120408-QM	.118	.039	.236	.014	.008	.02
SNMG120408-SM	.079	.02	.197	.009	.006	.016
SNMG120408-SMR	.079	.02	.197	.01	.006	.016
SNMG120408-XM	.118	.02	.236	.012	.005	.02
SNMG120408-XMR	.118	.02	.236	.014	.006	.022
SNMG120412-KM	.118	.012	.236	.016	.006	.024
SNMG120412-KR	.138	.02	.276	.02	.011	.028
SNMG120412-MM	.118	.02	.25	.012	.004	.024
SNMG120412-MR	.118	.079	.299	.014	.006	.024
SNMG120412-PF	.031	.014	.059	.01	.006	.02
SNMG120412-PM	.118	.031	.236	.014	.007	.024

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
SNMG120412-PR	.157	.039	.276	.016	.01	.028
SNMG120412-QM	.118	.039	.236	.014	.01	.024
SNMG120412-SM	.079	.02	.197	.011	.007	.019
SNMG120412-SMR	.079	.02	.197	.012	.007	.019
SNMG120412-XMR	.118	.03	.236	.014	.007	.024
SNMG120416-KM	.118	.012	.236	.019	.008	.028
SNMG120416-KR	.138	.03	.276	.022	.011	.031
SNMG120416-MM	.118	.02	.25	.015	.004	.026
SNMG120416-PM	.118	.039	.236	.016	.009	.026
SNMG120416-PR	.157	.059	.276	.02	.013	.031
SNMG120416-QM	.118	.039	.236	.016	.012	.026
SNMG120416-SM	.079	.02	.197	.013	.007	.02
SNMG120416-SMR	.079	.02	.197	.014	.007	.02
SNMG150608-PR	.197	.059	.315	.014	.008	.02
SNMG150608-QM	.118	.039	.315	.014	.008	.02
SNMG150608-SM	.118	.02	.315	.012	.007	.02
SNMG150612-KM	.157	.012	.315	.016	.006	.024
SNMG150612-KR	.173	.025	.346	.022	.011	.031
SNMG150612-MM	.157	.02	.315	.012	.004	.024
SNMG150612-MR	.157	.079	.378	.014	.006	.024
SNMG150612-PM	.157	.031	.295	.014	.007	.024
SNMG150612-PR	.197	.039	.315	.016	.01	.028
SNMG150612-QM	.118	.039	.315	.014	.01	.024
SNMG150612-SM	.197	.039	.315	.012	.008	.016
SNMG150616-KM	.157	.012	.315	.019	.008	.028
SNMG150616-KR	.173	.037	.346	.025	.012	.035
SNMG150616-MM	.157	.02	.315	.015	.004	.026
SNMG150616-MR	.157	.079	.378	.016	.006	.028
SNMG150616-PM	.157	.039	.295	.016	.009	.026
SNMG150616-PR	.197	.059	.315	.02	.012	.033
SNMG150616-QM	.197	.059	.315	.02	.012	.033
SNMG150616-SM	.197	.039	.315	.014	.01	.019
SNMG150616-SMR	.197	.039	.315	.02	.012	.028
SNMG150624-PR	.197	.079	.315	.02	.013	.037
SNMG190608-PR	.197	.028	.394	.014	.008	.02
SNMG190608-QM	.197	.028	.394	.014	.008	.02
SNMG190612-KM	.177	.012	.354	.016	.006	.024
SNMG190612-MM	.157	.02	.374	.012	.004	.024
SNMG190612-MR	.157	.079	.449	.014	.006	.024
SNMG190612-PR	.197	.039	.394	.016	.01	.028
SNMG190612-QM	.197	.039	.394	.016	.01	.028
SNMG190612-SM	.079	.02	.354	.012	.008	.02
SNMG190612-SMR	.236	.039	.354	.014	.01	.017
SNMG190616-KM	.177	.012	.354	.019	.008	.028
SNMG190616-KR	.24	.052	.484	.025	.012	.035
SNMG190616-MM	.157	.02	.374	.015	.004	.026
SNMG190616-MR	.157	.079	.449	.016	.006	.028
SNMG190616-PR	.197	.059	.394	.02	.012	.033
SNMG190616-QM	.118	.039	.315	.016	.012	.026
SNMG190616-SM	.276	.079	.394	.014	.01	.019
SNMG190616-SMR	.276	.039	.394	.02	.012	.028
SNMG190624-MR	.157	.079	.449	.02	.006	.041
SNMG190624-PR	.197	.079	.394	.02	.013	.037
SNMM120408-MR	.118	.028	.295	.014	.008	.022
SNMM120408-PR	.197	.028	.295	.016	.008	.022
SNMM120412-MR	.118	.039	.295	.016	.01	.028
SNMM120412-PR	.197	.039	.295	.02	.01	.028
SNMM120416-MR	.118	.059	.295	.02	.013	.037
SNMM150612-MR	.157	.039	.354	.016	.01	.028
SNMM150612-PR	.236	.039	.354	.02	.013	.037
SNMM150616-MR	.236	.059	.354	.022	.013	.037
SNMM150612-MR	.276	.059	.472	.02	.013	.028
SNMM190612-PR	.236	.039	.472	.02	.01	.028
SNMM190616-MR	.276	.071	.472	.022	.014	.037
SNMM190616-PR	.236	.059	.472	.022	.013	.037
SNMM190624-MR	.276	.098	.472	.024	.016	.049
SNMM190624-PR	.236	.079	.472	.022	.014	.049
SNMM190632-MR	.157	.138	.472	.02	.016	.049
TNGA110304S01030A	.004	.003	.016	.004	.002	.008
TNGA110304T01020B	.004	.003	.016	.004	.002	.008
TNGA110308S01030A	.008	.003	.031	.006	.002	.012
TNGA110308T01020B	.006	.003	.031	.006	.002	.012

Recommended depth of cut and cutting feed, inch

T-Max® P insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
TNGA160404S01030A	.004	.003	.016	.004	.002	.008
TNGA160404S01525	.004	.004	.02	.004	.002	.008
TNGA160404S01525H	.004	.003	.008	.004	.002	.008
TNGA160404T01020B	.004	.003	.016	.004	.002	.008
TNGA160408S01030A	.008	.003	.031	.006	.002	.012
TNGA160408S01525	.008	.004	.039	.004	.002	.008
TNGA160408S01530B	.008	.004	.039	.006	.002	.012
TNGA160408S02035A	.008	.003	.031	.006	.002	.012
TNGA160408S02035B	.008	.003	.031	.006	.002	.012
TNGA160408T01020	.063	.004	.189	.004	.003	.008
TNGA160408T01020B	.006	.003	.031	.006	.002	.012
TNGA160408T01525	.008	.004	.039	.004	.002	.012
TNGA160408T02520	.118	.079	.157	.02	.012	.022
TNGA160412S01030A	.008	.003	.047	.008	.002	.012
TNGA160412S01525	.012	.004	.059	.006	.002	.014
TNGA160412S01525H	.008	.003	.024	.008	.002	.012
TNGA160412S02035A	.008	.003	.047	.006	.002	.012
TNGA160412T01020	.063	.004	.189	.006	.003	.012
TNGA160412T01020B	.008	.003	.024	.008	.002	.016
TNGA160412T02520	.118	.079	.157	.02	.012	.024
TNGA220408T01020	.087	.004	.26	.004	.003	.008
TNGA220412T01020	.087	.004	.26	.006	.003	.012
TNGA220416T01020	.087	.004	.26	.007	.003	.012
TNMA160404-KR	.098	.008	.197	.008	.004	.012
TNMA160408-KR	.138	.008	.276	.014	.006	.024
TNMA160412-KR	.138	.012	.276	.018	.008	.031
TNMA160416-KR	.138	.012	.276	.022	.008	.039
TNMA220404-KR	.098	.008	.394	.008	.004	.012
TNMA220408-KR	.197	.008	.394	.014	.006	.024
TNMA220412-KR	.197	.012	.394	.018	.008	.031
TNMA220416-KR	.197	.012	.394	.022	.008	.039
TNMA220432-KR	.197	.02	.394	.024	.02	.047
TNMG160404-KF	.02	.006	.079	.006	.003	.01
TNMG160404L-K	.098	.028	.197	.009	.006	.012
TNMG160404-MF	.016	.004	.059	.006	.002	.012
TNMG160404-PF	.016	.01	.059	.006	.003	.012
TNMG160404-PM	.118	.016	.197	.008	.004	.012
TNMG160404-QM	.079	.016	.157	.01	.007	.012
TNMG160404R-K	.098	.028	.197	.009	.006	.012
TNMG160404-SF	.016	.006	.059	.005	.003	.009
TNMG160404-SM	.039	.016	.157	.006	.004	.012
TNMG160404-XF	.03	.006	.157	.006	.002	.008
TNMG160404-XM	.098	.012	.197	.007	.003	.012
TNMG160408-KF	.02	.006	.079	.008	.004	.012
TNMG160408-KM	.118	.008	.217	.014	.006	.02
TNMG160408-KR	.126	.013	.244	.012	.007	.017
TNMG160408L-K	.118	.031	.197	.012	.006	.02
TNMG160408-MF	.016	.004	.059	.008	.004	.016
TNMG160408-MM	.118	.02	.189	.01	.004	.018
TNMG160408-MR	.118	.079	.22	.012	.006	.022
TNMG160408-PF	.016	.012	.059	.008	.004	.016
TNMG160408-PM	.118	.02	.197	.012	.006	.02
TNMG160408-PR	.118	.028	.236	.014	.008	.022
TNMG160408-QM	.118	.039	.22	.014	.008	.02
TNMG160408R-K	.118	.031	.197	.012	.006	.02
TNMG160408-SF	.02	.008	.059	.006	.004	.01
TNMG160408-SM	.079	.008	.118	.009	.004	.011
TNMG160408-XF	.039	.008	.157	.008	.002	.01
TNMG160408-XM	.098	.02	.197	.01	.004	.016
TNMG160408-XMR	.118	.02	.197	.011	.006	.018
TNMG160412-KM	.118	.012	.217	.016	.006	.024
TNMG160412-KR	.126	.018	.248	.016	.008	.022
TNMG160412-MM	.118	.02	.189	.012	.004	.024
TNMG160412-MR	.118	.079	.22	.014	.006	.024
TNMG160412-PF	.031	.014	.059	.01	.006	.02
TNMG160412-PM	.118	.031	.197	.014	.007	.024
TNMG160412-PR	.118	.039	.236	.016	.01	.026
TNMG160412-QM	.118	.039	.22	.014	.01	.024
TNMG160412-SF	.031	.016	.079	.007	.005	.012
TNMG160412-SM	.079	.012	.118	.01	.005	.012
TNMG160412-XM	.118	.028	.197	.012	.006	.018
TNMG160412-XMR	.118	.03	.197	.012	.007	.019
TNMG160416-KR	.126	.027	.244	.017	.009	.024

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
TNMG220404-PM	.157	.016	.26	.008	.004	.012
TNMG220404-QM	.118	.039	.303	.01	.007	.012
TNMG220408-KM	.157	.008	.315	.014	.006	.02
TNMG220408-KR	.138	.015	.276	.015	.007	.021
TNMG220408-MR	.157	.079	.303	.012	.006	.022
TNMG220408-PF	.016	.012	.059	.008	.004	.016
TNMG220408-PM	.157	.02	.26	.012	.006	.02
TNMG220408-PR	.157	.028	.276	.014	.008	.022
TNMG220408-QM	.118	.039	.303	.014	.008	.02
TNMG220408-SM	.079	.008	.157	.009	.004	.011
TNMG220412-KM	.157	.012	.315	.016	.006	.024
TNMG220412-KR	.138	.02	.276	.02	.01	.028
TNMG220412-MM	.157	.02	.26	.012	.004	.024
TNMG220412-MR	.157	.079	.303	.014	.006	.024
TNMG220412-PF	.031	.014	.059	.01	.006	.02
TNMG220412-PM	.157	.031	.26	.014	.007	.024
TNMG220412-PR	.157	.039	.276	.016	.01	.026
TNMG220412-QM	.118	.039	.303	.014	.01	.024
TNMG220412-SM	.079	.012	.157	.01	.005	.012
TNMG220416-KM	.157	.012	.315	.018	.008	.028
TNMG220416-MM	.157	.02	.26	.015	.004	.026
TNMG220416-MR	.157	.079	.303	.016	.006	.028
TNMG220416-PM	.157	.039	.26	.016	.009	.026
TNMG220416-PR	.157	.059	.276	.02	.013	.03
TNMG220416-QM	.118	.039	.303	.016	.012	.026
TNMM160408-MR	.118	.028	.295	.014	.008	.022
TNMM160408-PR	.157	.028	.236	.016	.008	.022
TNMM160412-PR	.157	.039	.236	.02	.01	.028
TNMM220408-MR	.118	.028	.315	.014	.008	.022
TNMM220408-PR	.197	.028	.315	.016	.008	.022
TNMM220412-MR	.118	.039	.315	.016	.01	.028
TNMM220412-PR	.197	.039	.315	.02	.01	.028
TNMM220416-MR	.118	.059	.315	.02	.013	.035
TNMM220416-PR	.197	.059	.315	.022	.013	.035
TNMX160404-WF	.039	.008	.118	.008	.003	.012
TNMX160408-WF	.059	.008	.118	.012	.004	.016
TNMX160408-WMX	.118	.02	.197	.018	.006	.028
TNMX160412-WM	.098	.02	.197	.016	.006	.024
TNMX160412-WMX	.138	.031	.236	.02	.008	.03
WNGA060404S01030A	.004	.003	.016	.004	.002	.008
WNGA060404S01030AWH	.004	.003	.016	.007	.002	.01
WNGA060404S01520HWH	.004	.003	.008	.007	.002	.01
WNGA060404S01525H	.004	.003	.008	.004	.002	.008
WNGA060404T01020B	.004	.003	.016	.004	.002	.008
WNGA060404T01020BWG	.004	.003	.016	.007	.002	.01
WNGA060404T01030AWH	.004	.003	.016	.007	.002	.01
WNGA060408S01030A	.008	.003	.031	.006	.002	.012
WNGA060408S01030AWH	.004	.002	.012	.011	.002	.014
WNGA060408S01520HWH	.004	.003	.008	.011	.002	.014
WNGA060408S01525H	.008	.003	.016	.006	.002	.012
WNGA060408T01020B	.006	.003	.031	.006	.002	.012
WNGA060408T01020BWG	.004	.003	.031	.011	.002	.014
WNGA060408T01030AWH	.004	.003	.031	.011	.002	.014
WNGA080404S01030A	.004	.002	.016	.004	.002	.008
WNGA080404S01030AWH	.004	.002	.012	.007	.002	.01
WNGA080404S01520HWH	.004	.003	.008	.007	.002	.01
WNGA080404S01525	.004	.004	.02	.004	.002	.008
WNGA080404S01525H	.004	.003	.008	.004	.002	.008
WNGA080404S01525WH	.008	.004	.02	.004	.002	.012
WNGA080404T01020B	.004	.003	.016	.004	.002	.008
WNGA080404T01020BWG	.004	.003	.016	.007	.002	.01
WNGA080408S01030A	.008	.004	.03	.006	.002	.012
WNGA080408S01030AWH	.004	.002	.02	.011	.002	.014
WNGA080408S01520HWH	.004	.003	.016	.011	.002	.014
WNGA080408S01525H	.008	.003	.016	.006	.002	.012
WNGA080408S01525WH	.008	.004	.039	.006	.002	.014
WNGA080408S02035A	.008	.003	.031	.006	.002	.012
WNGA080408T01020B	.006	.003	.031	.006	.002	.012
WNGA080408T01020BWG	.004	.003	.031	.011	.002	.014
WNGA080408T01020WG	.142	.004	.236	.01	.006	.014
WNGA080408T01030AWH	.004	.003	.031	.011	.002	.014

Recommended depth of cut and cutting feed, inch

T-Max® P insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
WNGA080408T01525	.008	.004	.039	.004	.002	.012
WNGA080408T01525WH	.008	.004	.039	.006	.002	.014
WNGA080408T02520	.118	.004	.197	.008	.006	.014
WNGA080412S01030A	.008	.002	.035	.008	.002	.012
WNGA080412S01030AWH	.008	.002	.02	.013	.002	.016
WNGA080412S01520HWH	.008	.003	.024	.013	.002	.016
WNGA080412S01525H	.008	.003	.024	.008	.002	.012
WNGA080412T01020B	.008	.003	.047	.008	.002	.016
WNGA080412T01020WG	.142	.004	.236	.018	.006	.021
WNGA080412T01030AWH	.008	.003	.047	.013	.002	.016
WNGA080412T02520	.118	.004	.197	.012	.006	.021
WNGA080416T02520	.118	.004	.197	.016	.006	.024
VNGA160404S01020A	.004	.003	.016	.004	.002	.008
VNGA160404S01030A	.004	.003	.016	.008	.002	.012
VNGA160404S01525	.004	.004	.02	.004	.002	.008
VNGA160404S01525H	.004	.003	.008	.008	.002	.012
VNGA160408S01020A	.004	.003	.031	.006	.002	.012
VNGA160408S01030A	.004	.003	.031	.006	.002	.012
VNGA160408S01525	.008	.004	.039	.004	.002	.012
VNGA160408S01525H	.004	.003	.016	.006	.002	.012
VNGA160408S02035A	.008	.003	.031	.006	.002	.012
VNGA160408T01525	.008	.004	.039	.004	.002	.012
VNGA160412S01525	.012	.004	.059	.006	.002	.014
WNGG080401-SGF	.004	.002	.118	.001	0	.003
WNGG080402-SGF	.008	.003	.118	.002	.001	.004
WNGG080404-SGF	.012	.004	.118	.005	.002	.01
WNGG080408-SGF	.02	.008	.118	.006	.004	.012
WNGG080412-SGF	.031	.012	.118	.007	.004	.012
VNGG160401-SGF	.004	.002	.118	.001	0	.003
VNGG160402-SGF	.008	.003	.118	.002	.001	.004
VNGG160404-SGF	.012	.004	.118	.005	.002	.006
VNGG160408-SGF	.02	.008	.118	.006	.003	.008
VNGG160412-SGF	.031	.012	.118	.007	.004	.01
WNMA060408-KR	.098	.008	.157	.014	.006	.024
WNMA060412-KR	.098	.012	.157	.018	.008	.031
WNMA080408-KR	.118	.008	.197	.014	.006	.024
WNMA080412-KR	.118	.012	.197	.018	.008	.031
WNMA080416-KR	.118	.012	.197	.022	.008	.039
WNMG060404-KF	.02	.006	.079	.006	.003	.01
WNMG060404-MF	.016	.004	.059	.006	.002	.012
WNMG060404-PF	.016	.01	.059	.006	.003	.012
WNMG060404-SM	.039	.008	.098	.007	.004	.01
WNMG060404-WF	.016	.01	.079	.006	.002	.01
WNMG060404-XF	.03	.006	.118	.006	.002	.008
WNMG060408-KF	.02	.006	.079	.008	.004	.012
WNMG060408-KM	.079	.008	.157	.014	.006	.02
WNMG060408-KR	.087	.009	.177	.012	.007	.017
WNMG060408-MF	.016	.004	.059	.008	.004	.016
WNMG060408-MM	.079	.02	.118	.01	.004	.018
WNMG060408-MR	.079	.059	.118	.012	.006	.022
WNMG060408-PF	.016	.012	.059	.008	.004	.016
WNMG060408-PM	.079	.02	.118	.012	.006	.02
WNMG060408-PR	.118	.028	.138	.012	.008	.018
WNMG060408-QM	.118	.039	.118	.014	.008	.02
WNMG060408-SM	.059	.008	.098	.008	.004	.012
WNMG060408-WF	.039	.01	.118	.012	.004	.02
WNMG060408-WM	.059	.02	.138	.012	.006	.024
WNMG060408-WMX	.118	.02	.197	.018	.006	.028
WNMG060408-XF	.039	.008	.118	.008	.002	.01
WNMG060408-XM	.098	.02	.157	.01	.004	.014
WNMG060412-KM	.079	.012	.157	.016	.006	.024
WNMG060412-KR	.087	.013	.177	.016	.008	.022
WNMG060412-MM	.079	.02	.118	.012	.004	.024
WNMG060412-MR	.079	.059	.118	.014	.006	.024
WNMG060412-PF	.031	.016	.059	.01	.006	.02
WNMG060412-PM	.079	.031	.118	.014	.007	.024
WNMG060412-PR	.118	.031	.138	.014	.01	.022
WNMG060412-QM	.118	.039	.118	.014	.01	.024
WNMG060412-WM	.059	.031	.138	.02	.008	.035
WNMG060412-WMX	.138	.031	.236	.02	.008	.03
WNMG080404-KF	.02	.006	.079	.006	.003	.01
WNMG080404-MF	.016	.004	.059	.006	.002	.012
WNMG080404-PF	.016	.01	.059	.006	.003	.012

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
WNMG080404-QM	.118	.039	.157	.008	.007	.01
WNMG080404-SF	.016	.006	.059	.005	.003	.009
WNMG080404-SM	.059	.006	.098	.008	.004	.012
WNMG080404-WF	.016	.01	.118	.006	.002	.01
WNMG080404-XF	.03	.006	.157	.006	.002	.008
WNMG080408-KF	.02	.006	.079	.008	.004	.012
WNMG080408-KM	.098	.008	.197	.014	.006	.02
WNMG080408-KR	.106	.011	.217	.013	.007	.019
WNMG080408-MF	.016	.004	.059	.008	.004	.016
WNMG080408-MM	.098	.02	.157	.01	.004	.018
WNMG080408-MR	.098	.079	.157	.012	.006	.022
WNMG080408-PM	.016	.012	.059	.008	.004	.016
WNMG080408-PR	.098	.02	.157	.012	.006	.02
WNMG080408-PR	.157	.028	.197	.014	.008	.022
WNMG080408-QM	.118	.039	.157	.014	.008	.02
WNMG080408-SF	.02	.008	.059	.006	.004	.01
WNMG080408-SM	.079	.008	.118	.01	.004	.014
WNMG080408-SMR	.079	.02	.157	.012	.004	.016
WNMG080408-WF	.039	.01	.157	.012	.004	.02
WNMG080408-WM	.118	.02	.197	.012	.006	.024
WNMG080408-WMX	.118	.02	.197	.018	.006	.028
WNMG080408-XF	.039	.008	.157	.008	.002	.01
WNMG080408-XM	.098	.02	.197	.01	.004	.016
WNMG080412-KF	.039	.008	.098	.01	.004	.014
WNMG080412-KM	.098	.012	.197	.016	.006	.024
WNMG080412-KR	.106	.015	.217	.018	.009	.025
WNMG080412-MM	.098	.02	.157	.012	.004	.024
WNMG080412-MR	.098	.079	.157	.014	.006	.024
WNMG080412-PF	.031	.016	.059	.01	.006	.02
WNMG080412-PM	.098	.031	.157	.014	.007	.024
WNMG080412-PR	.157	.039	.197	.016	.01	.028
WNMG080412-QM	.118	.039	.157	.014	.01	.022
WNMG080412-SM	.079	.012	.138	.011	.005	.015
WNMG080412-SMR	.079	.02	.157	.013	.005	.017
WNMG080412-WF	.059	.016	.157	.02	.008	.024
WNMG080412-WM	.138	.031	.236	.02	.008	.035
WNMG080412-WMX	.138	.031	.236	.02	.008	.03
WNMG080412-XM	.118	.028	.197	.012	.006	.018
WNMG080412-XMR	.118	.03	.197	.013	.007	.019
WNMG080416-KM	.098	.012	.197	.018	.008	.028
WNMG080416-PM	.118	.039	.157	.016	.009	.026
WNMG080416-PR	.157	.059	.197	.02	.013	.03
WNMG080416-QM	.157	.059	.197	.018	.013	.024
VNMG160404-MF	.016	.004	.059	.006	.002	.012
VNMG160404-PF	.016	.01	.059	.006	.003	.012
VNMG160404-QM	.118	.039	.157	.01	.007	.012
VNMG160404-SF	.016	.006	.059	.005	.003	.008
VNMG160404-SM	.039	.006	.079	.007	.002	.008
VNMG160408-KM	.079	.008	.138	.012	.006	.016
VNMG160408-MF	.031	.008	.098	.006	.003	.012
VNMG160408-MM	.079	.02	.157	.01	.004	.018
VNMG160408-PF	.016	.012	.059	.008	.004	.016
VNMG160408-PM	.079	.02	.157	.012	.006	.02
VNMG160408-QM	.118	.039	.157	.014	.008	.02
VNMG160408-SF	.02	.008	.059	.006	.004	.009
VNMG160408-SM	.059	.008	.098	.008	.003	.009
VNMG160412-KM	.079	.012	.138	.014	.006	.02
VNMG160412-PM	.079	.031	.157	.014	.007	.024
VNMG160412-QM	.118	.039	.157	.014	.01	.02
VNMG160412-SF	.031	.016	.079	.007	.005	.01
VNMG160412-SM	.059	.012	.118	.009	.004	.01
CNMG190616-XMR	.157	.039	.335	.02	.01	.031
SNMG120416-XMR	.138	.039	.236	.016	.008	.026

Recommended depth of cut and cutting feed, inch

CoroTurn® 107 insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
CCET060201-UM	.012	.004	.028	.001	0	.002
CCET060202-UM	.016	.008	.028	.001	0	.002
CCET060204-UM	.028	.02	.039	.001	0	.002
CCGT060201-UM	.012	.004	.028	.001	0	.002
CCGT060202-UM	.02	.004	.041	.002	.001	.003
CCGT060204-UM	.039	.02	.055	.006	.003	.008
CCGT09T301-UM	.012	.004	.028	.001	0	.002
CCGT09T302-UM	.02	.004	.041	.002	.001	.003
CCGT09T304-UM	.049	.02	.083	.004	.003	.007
CCGT09T308-UM	.049	.02	.083	.006	.005	.01
CCGW060202S01020F	.003	.002	.004	.003	.001	.004
CCGW060202T01030F	.003	.002	.008	.003	.001	.004
CCGW060204S01020F	.004	.003	.008	.004	.002	.008
CCGW060204S01030F	.004	.003	.016	.004	.002	.008
CCGW060204S01520FWH	.004	.003	.008	.007	.002	.01
CCGW060204T01020F	.004	.003	.016	.004	.002	.008
CCGW060204T01030F	.004	.002	.016	.004	.002	.008
CCGW060204T01030FWH	.004	.003	.016	.007	.002	.01
CCGW060208S01020F	.008	.003	.016	.006	.002	.012
CCGW060208S01030F	.008	.003	.031	.006	.002	.012
CCGW060208S01520FWH	.008	.003	.016	.011	.002	.014
CCGW060208T01030F	.008	.003	.031	.006	.002	.012
CCGW060208T01030FWH	.008	.003	.031	.011	.002	.014
CCGW09T304S01020F	.004	.003	.008	.004	.002	.008
CCGW09T304S01520FWH	.004	.003	.008	.007	.002	.01
CCGW09T304S01530F	.004	.002	.02	.004	.002	.008
CCGW09T304S01530FWH	.004	.002	.012	.007	.002	.01
CCGW09T304S02030F	.004	.003	.008	.004	.002	.008
CCGW09T304T01020F	.004	.002	.02	.004	.002	.008
CCGW09T304T01020FWH	.004	.003	.016	.007	.002	.01
CCGW09T308S01020F	.008	.003	.016	.006	.002	.012
CCGW09T308S01520FWH	.008	.003	.016	.011	.002	.014
CCGW09T308S01530F	.008	.003	.031	.006	.002	.012
CCGW09T308S02030F	.008	.003	.016	.006	.002	.012
CCGW09T308T01020F	.008	.003	.031	.006	.002	.012
CCGW09T308T01020FWH	.008	.003	.031	.011	.002	.014
CCGW09T312S01520FWH	.008	.003	.024	.008	.002	.012
CCGW09T312S01520FWH	.008	.003	.024	.013	.002	.016
CCGX060202-AL	.039	.012	.118	.005	.002	.006
CCGX060204-AL	.039	.012	.118	.005	.002	.006
CCGX09T31020-15FXA	.005	.002	.008	.012	.008	.016
CCGX09T304-AL	.059	.02	.197	.008	.004	.012
CCGX09T308-AL	.059	.02	.197	.012	.006	.024
CCGX120404-AL	.059	.02	.276	.008	.004	.012
CCGX120408-AL	.059	.02	.276	.012	.006	.024
CCMT060202-KF	.012	.002	.067	.002	.001	.004
CCMT060202-MF	.012	.002	.067	.002	.001	.004
CCMT060202-PF	.012	.002	.067	.002	.002	.004
CCMT060202-UF	.016	.004	.059	.003	.002	.006
CCMT060202-WF	.012	.004	.059	.004	.001	.006
CCMT060204-KF	.012	.004	.067	.003	.002	.007
CCMT060204-KM	.025	.008	.094	.004	.002	.007
CCMT060204-MF	.012	.004	.067	.003	.002	.007
CCMT060204-MM	.025	.008	.094	.004	.002	.007
CCMT060204-PF	.012	.004	.067	.003	.002	.007
CCMT060204-PM	.025	.008	.094	.004	.002	.007
CCMT060204-UF	.016	.008	.059	.004	.002	.008
CCMT060204-UM	.039	.02	.098	.008	.003	.012
CCMT060204-UR	.059	.039	.098	.01	.006	.012
CCMT060204-WF	.031	.012	.079	.005	.002	.012
CCMT060208-KM	.025	.016	.094	.006	.003	.009
CCMT060208-KR	.063	.031	.126	.007	.004	.01
CCMT060208-MM	.025	.016	.094	.006	.003	.009
CCMT060208-MR	.063	.031	.126	.007	.004	.01
CCMT060208-PM	.025	.016	.094	.006	.003	.009
CCMT060208-PR	.063	.031	.126	.007	.004	.01
CCMT060208-UF	.016	.008	.059	.004	.002	.01
CCMT060208-UM	.039	.02	.098	.01	.005	.016
CCMT060208-WF	.031	.012	.079	.006	.004	.014
CCMT060208-WM	.047	.02	.098	.008	.004	.016
CCMT09T302-MF	.014	.003	.079	.003	.002	.006
CCMT09T302-PF	.014	.003	.079	.003	.002	.006
CCMT09T302-UF	.016	.004	.079	.003	.002	.006
CCMT09T302-WF	.012	.004	.059	.004	.001	.006

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
CCMT09T304-KF	.014	.004	.079	.004	.002	.009
CCMT09T304-KM	.025	.01	.118	.006	.003	.009
CCMT09T304-MF	.014	.004	.079	.004	.002	.009
CCMT09T304-MM	.025	.01	.118	.006	.003	.009
CCMT09T304-PF	.014	.004	.079	.004	.002	.009
CCMT09T304-PM	.025	.01	.118	.006	.003	.009
CCMT09T304-UF	.016	.008	.079	.004	.002	.008
CCMT09T304-UM	.049	.02	.157	.008	.003	.012
CCMT09T304-UR	.079	.039	.157	.01	.006	.012
CCMT09T304-WF	.039	.012	.118	.008	.003	.012
CCMT09T304-WM	.059	.02	.157	.01	.005	.016
CCMT09T308-KF	.014	.006	.079	.006	.003	.012
CCMT09T308-KM	.031	.02	.118	.008	.004	.012
CCMT09T308-KR	.079	.039	.157	.01	.005	.014
CCMT09T308-MF	.014	.006	.079	.006	.003	.012
CCMT09T308-MM	.031	.02	.118	.008	.004	.012
CCMT09T308-MR	.079	.039	.157	.01	.005	.014
CCMT09T308-PF	.014	.006	.079	.006	.003	.012
CCMT09T308-PM	.031	.02	.118	.008	.004	.012
CCMT09T308-PR	.079	.039	.157	.01	.005	.014
CCMT09T308-UM	.049	.02	.157	.01	.005	.016
CCMT09T308-UR	.079	.039	.157	.012	.006	.02
CCMT09T308-WF	.039	.012	.118	.01	.005	.02
CCMT09T308-WM	.059	.028	.157	.012	.006	.02
CCMT09T312-KR	.079	.047	.157	.012	.006	.017
CCMT09T312-MR	.079	.047	.157	.012	.006	.017
CCMT09T312-PR	.079	.047	.157	.012	.006	.017
CCMT120404-KM	.038	.012	.142	.007	.004	.011
CCMT120404-MF	.017	.006	.094	.006	.003	.011
CCMT120404-MM	.038	.012	.142	.007	.004	.011
CCMT120404-PF	.017	.006	.094	.006	.003	.011
CCMT120404-PM	.038	.012	.142	.007	.004	.011
CCMT120404-WM	.079	.02	.157	.01	.006	.016
CCMT120408-KM	.038	.024	.142	.009	.005	.014
CCMT120408-KR	.094	.047	.189	.012	.006	.017
CCMT120408-MM	.038	.024	.142	.009	.005	.014
CCMT120408-MR	.094	.047	.189	.012	.006	.017
CCMT120408-PM	.038	.024	.142	.009	.005	.014
CCMT120408-PR	.094	.047	.189	.012	.006	.017
CCMT120408-UM	.059	.02	.157	.01	.005	.016
CCMT120408-UR	.098	.039	.157	.012	.006	.02
CCMT120412-KR	.094	.057	.189	.014	.007	.02
CCMT120412-MM	.038	.028	.142	.011	.006	.012
CCMT120412-MR	.094	.057	.189	.014	.007	.02
CCMT120412-PM	.038	.028	.142	.011	.006	.017
CCMT120412-PR	.094	.057	.189	.014	.007	.02
CCMT160508-UR	.118	.039	.197	.014	.006	.02
CCMW060204FP	.02	.004	.091	.004	.002	.008
CCMW09T304FP	.02	.004	.134	.004	.002	.008
CCMW09T308FP	.039	.004	.134	.006	.002	.016
DCET070200-UM	.012	.004	.157	.001	0	.002
DCET070201-UM	.02	.004	.157	.001	0	.002
DCET11T301-UM	.012	.004	.157	.001	0	.002
DCET11T302-UM	.012	.008	.157	.001	0	.002
DCET11T304-UM	.049	.02	.157	.002	.001	.004
DCGT070201-UM	.012	.004	.039	.001	0	.003
DCGT070202-UM	.02	.004	.059	.003	.001	.006
DCGT070204-UM	.039	.012	.098	.006	.003	.01
DCGT070208-UM	.039	.012	.098	.008	.005	.012
DCGT11T301-UM	.012	.004	.039	.001	0	.002
DCGT11T302-UM	.012	.004	.059	.001	0	.002
DCGT11T304-UM	.049	.012	.118	.006	.003	.01
DCGT11T308-UM	.049	.012	.118	.008	.005	.012
DCGW070202S01020F	.003	.002	.004	.003	.001	.004
DCGW070202T01030F	.003	.002	.008	.003	.001	.004
DCGW070204S01020F	.004	.003	.008	.004	.002	.008
DCGW070204S01030F	.004	.003	.016	.004	.002	.008
DCGW070204T01020F	.004	.003	.016	.004	.002	.008
DCGW070208S01030F	.008	.003	.031	.006	.002	.012
DCGW11T302T01020F	.003	.002	.008	.003	.002	.004
DCGW11T304S01020F	.004	.003	.008	.004	.002	.008
DCGW11T304S01020FWH	.004	.002	.016	.006	.002	.01
DCGW11T304S01520FWH	.004	.003	.008	.006	.002	.01
DCGW11T304S01530F	.004	.003	.016	.004	.002	.008

Recommended depth of cut and cutting feed, inch

CoroTurn® 107 insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
DCGW11T304S02030F	.004	.003	.008	.004	.002	.008
DCGW11T304T01020F	.004	.003	.016	.004	.002	.008
DCGW11T308S01020F	.008	.003	.016	.006	.002	.012
DCGW11T308S01020FWH	.008	.003	.031	.008	.002	.012
DCGW11T308S01520FWH	.008	.003	.016	.008	.002	.012
DCGW11T308S01530F	.008	.003	.031	.006	.002	.012
DCGW11T308S02030F	.008	.003	.016	.006	.002	.012
DCGW11T308T01020F	.008	.003	.031	.006	.002	.012
DCGW11T312S01020F	.008	.003	.024	.008	.002	.012
DCGW11T312S01530F	.008	.003	.047	.006	.002	.012
DCGX070202-AL	.039	.012	.157	.005	.002	.006
DCGX070204-AL	.059	.02	.157	.008	.004	.012
DCGX11T302-AL	.039	.012	.217	.005	.002	.006
DCGX11T304-AL	.059	.02	.217	.008	.004	.012
DCGX11T308-AL	.059	.02	.217	.012	.006	.024
DCMT070202-KF	.01	.002	.059	.002	.001	.004
DCMT070202-MF	.01	.002	.059	.002	.001	.004
DCMT070202-PF	.01	.002	.059	.002	.002	.004
DCMT070202-UF	.016	.004	.059	.003	.002	.006
DCMT070204-KF	.01	.003	.059	.003	.002	.007
DCMT070204-KM	.024	.007	.089	.004	.002	.007
DCMT070204-MF	.01	.003	.059	.003	.002	.007
DCMT070204-MM	.024	.007	.089	.004	.002	.007
DCMT070204-PF	.01	.003	.059	.003	.002	.007
DCMT070204-PM	.024	.007	.089	.004	.002	.007
DCMT070204-UF	.016	.008	.059	.004	.002	.008
DCMT070204-UM	.039	.012	.098	.008	.002	.012
DCMT070204-UM	.039	.02	.098	.008	.003	.012
DCMT070208-KM	.024	.015	.089	.006	.003	.009
DCMT070208-MM	.024	.015	.089	.006	.003	.009
DCMT070208-PM	.024	.015	.089	.006	.003	.009
DCMT070208-UM	.039	.02	.098	.01	.005	.014
DCMT11T302-KF	.014	.003	.079	.003	.002	.006
DCMT11T302-MF	.014	.003	.079	.003	.002	.006
DCMT11T302-PF	.014	.003	.079	.003	.002	.006
DCMT11T304-KF	.014	.004	.079	.004	.002	.009
DCMT11T304-KM	.031	.01	.118	.006	.003	.009
DCMT11T304-MF	.014	.004	.079	.004	.002	.009
DCMT11T304-MM	.031	.01	.118	.006	.003	.009
DCMT11T304-PF	.014	.004	.079	.004	.002	.009
DCMT11T304-PM	.031	.01	.118	.006	.003	.009
DCMT11T304-UF	.016	.008	.079	.004	.002	.008
DCMT11T304-UM	.049	.02	.157	.008	.003	.012
DCMT11T304-UR	.079	.039	.157	.01	.006	.012
DCMT11T308-KF	.014	.006	.079	.006	.003	.012
DCMT11T308-KM	.031	.02	.118	.008	.004	.012
DCMT11T308-KR	.079	.039	.157	.01	.005	.014
DCMT11T308-MF	.014	.006	.079	.006	.003	.012
DCMT11T308-MM	.031	.02	.118	.008	.004	.012
DCMT11T308-MR	.079	.039	.157	.01	.005	.014
DCMT11T308-PF	.014	.006	.079	.006	.003	.012
DCMT11T308-PM	.031	.02	.118	.008	.004	.012
DCMT11T308-PR	.079	.039	.157	.01	.005	.014
DCMT11T308-UF	.016	.008	.079	.004	.002	.01
DCMT11T308-UM	.049	.02	.157	.01	.005	.016
DCMT11T308-UR	.079	.039	.157	.012	.006	.02
DCMT11T312-KM	.031	.024	.118	.009	.005	.014
DCMT11T312-KR	.079	.047	.157	.012	.006	.017
DCMT11T312-MM	.031	.024	.118	.009	.005	.014
DCMT11T312-MR	.079	.047	.157	.012	.006	.017
DCMT11T312-PM	.031	.024	.118	.009	.005	.014
DCMT11T312-PR	.079	.047	.157	.012	.006	.017
DCMT11T312-UR	.079	.039	.157	.012	.008	.02
DCMW11T304FP	.02	.004	.13	.004	.002	.008
DCMW11T308FP	.039	.004	.118	.006	.002	.016
DCMX070202-WF	.012	.004	.059	.004	.001	.006
DCMX070204-WF	.028	.012	.079	.005	.002	.01
DCMX070208-WF	.028	.012	.079	.006	.004	.014
DCMX11T302-WF	.012	.004	.059	.004	.001	.006
DCMX11T304-WF	.039	.012	.118	.008	.003	.012
DCMX11T304-WM	.059	.02	.157	.01	.005	.016
DCMX11T308-WF	.039	.012	.118	.01	.005	.016
DCMX11T308-WM	.059	.02	.157	.012	.006	.02
RCGX0602M0-AL	.039	.024	.094	.009	.005	.015
RCGX0803M0-AL	.059	.031	.126	.014	.006	.021
RCGX10T3M0-AL	.079	.039	.157	.014	.006	.025
RCGX1204M0-AL	.098	.047	.189	.018	.007	.031
RCMT0502M0	.039	.02	.079	.004	.002	.006
RCMT0602M0	.059	.02	.094	.006	.002	.007
RCMT060300	.059	.02	.094	.006	.002	.007
RCMT060300-SM	.031	.01	.063	.003	.003	.002
RCMT0803M0	.079	.031	.126	.008	.002	.01
RCMT0803M0-SM	.039	.013	.079	.003	.003	.002
RCMT09T300	.098	.039	.157	.01	.002	.013
RCMT09T300-M0	.098	.039	.157	.01	.002	.013
RCMT09T300-SM	.059	.016	.098	.004	.004	.003
RCMT10T3M0	.098	.039	.157	.01	.002	.013
RCMT10T3M0-SM	.059	.016	.098	.004	.004	.003
RCMT120400	.118	.047	.189	.012	.003	.015
RCMT120400	.118	.047	.189	.012	.003	.015
RCMT120400-M0	.118	.047	.189	.011	.003	.015
RCMT120400-SM	.079	.02	.118	.006	.004	.004
RCMT1204M0	.118	.047	.189	.012	.003	.015
RCMT1204M0-SM	.079	.02	.118	.005	.004	.004
RCMT1606M0	.138	.063	.252	.015	.004	.02
RCMT1606M0-SM	.098	.026	.157	.006	.006	.005
RCMT190600	.157	.079	.315	.018	.005	.025
RCMT2006M0	.157	.079	.315	.018	.005	.025
SCGW09T304S01030F	.004	.003	.016	.004	.002	.008
SCGW09T304T01020F	.004	.003	.016	.004	.002	.008
SCGW09T308S01030F	.008	.003	.031	.006	.002	.012
SCGW09T308S01530F	.004	.003	.031	.004	.002	.008
SCGW09T308T01020F	.004	.003	.031	.004	.002	.008
SCGX09T308-AL	.059	.02	.197	.012	.006	.024
SCMT09T304-KM	.031	.01	.118	.006	.003	.009
SCMT09T304-MF	.014	.004	.079	.004	.002	.009
SCMT09T304-MM	.031	.01	.118	.006	.003	.009
SCMT09T304-PF	.014	.004	.079	.004	.002	.009
SCMT09T304-PM	.031	.01	.118	.006	.003	.009
SCMT09T308-KM	.031	.02	.118	.008	.004	.012
SCMT09T308-KR	.079	.039	.157	.01	.005	.014
SCMT09T308-MF	.014	.006	.079	.006	.003	.012
SCMT09T308-MM	.031	.02	.118	.008	.004	.012
SCMT09T308-MR	.079	.039	.157	.01	.005	.014
SCMT09T308-PF	.014	.006	.079	.006	.003	.012
SCMT09T308-PM	.031	.02	.118	.008	.004	.012
SCMT09T308-PR	.079	.039	.157	.01	.005	.014
SCMT09T308-UF	.016	.008	.079	.004	.002	.01
SCMT09T308-UM	.049	.02	.157	.01	.005	.016
SCMT09T308-UR	.079	.039	.157	.012	.006	.02
SCMT09T312-KR	.079	.047	.157	.012	.006	.017
SCMT09T312-MR	.079	.047	.157	.012	.006	.017
SCMT09T312-PR	.079	.047	.157	.012	.006	.017
SCMT120404-MM	.038	.012	.142	.007	.004	.011
SCMT120404-PM	.038	.012	.142	.007	.004	.011
SCMT120404-UR	.098	.039	.197	.01	.006	.012
SCMT120408-KM	.038	.024	.142	.01	.005	.015
SCMT120408-KR	.094	.047	.189	.012	.006	.017
SCMT120408-MM	.038	.024	.142	.01	.005	.015
SCMT120408-MR	.094	.047	.189	.012	.006	.017
SCMT120408-PM	.038	.024	.142	.01	.005	.015
SCMT120408-PR	.094	.047	.189	.012	.006	.017
SCMT120408-UM	.059	.02	.157	.01	.005	.016
SCMT120408-UR	.098	.039	.157	.012	.006	.02
SCMT120412-KR	.094	.057	.189	.015	.007	.02
SCMT120412-MM	.038	.028	.142	.012	.006	.018
SCMT120412-MR	.094	.057	.189	.015	.007	.02
SCMT120412-PM	.038	.028	.142	.012	.006	.018
SCMT120412-PR	.094	.057	.189	.015	.007	.02
SCMT120412-UM	.059	.02	.157	.01	.006	.016
TCGX050100L-F	.006	.002	.031	.002	0	.002
TCGX050100R-F	.006	.002	.031	.002	.001	.002
TCGX050101L-F	.006	.002	.031	.002	0	.003
TCGX050101R-F	.006	.002	.031	.002	.001	.004
TCGX06T100L-F	.008	.002	.039	.002	0	.003
TCGX06T100R-F	.02	.002	.059	.002	0	.003

Recommended depth of cut and cutting feed, inch

CoroTurn® 107 insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
TCEX06T101L-F	.008	.002	.039	.003	0	.005
TCEX06T101R-F	.003	.002	.059	.003	0	.005
TCEX06T102L-F	.008	.002	.039	.003	.001	.006
TCEX090200L-F	.012	.002	.047	.002	0	.003
TCEX090200R-F	.016	.002	.055	.002	0	.003
TCEX090201L-F	.016	.002	.047	.002	.001	.003
TCEX090201R-F	.024	.002	.079	.003	.001	.004
TCEX090202L-F	.016	.002	.047	.003	.001	.005
TCEX110300L-F	.02	.002	.059	.002	0	.003
TCEX110300R-F	.031	.002	.157	.003	0	.004
TCEX110301L-F	.024	.002	.067	.002	.001	.004
TCEX110301R-F	.031	.002	.157	.003	.001	.006
TCEX110302L-F	.028	.002	.079	.003	.001	.005
TCGT06T102L-K	.012	.004	.028	.002	.001	.004
TCGT06T102R-K	.012	.004	.039	.002	.001	.006
TCGT06T104L-K	.02	.006	.028	.002	.001	.006
TCGT06T104R-K	.02	.006	.039	.003	.001	.008
TCGT090202L-K	.012	.004	.033	.002	.001	.004
TCGT090202R-K	.012	.004	.047	.002	.001	.006
TCGT090204L-K	.02	.006	.033	.003	.001	.006
TCGT090204R-K	.02	.006	.047	.004	.001	.008
TCGT090204-UM	.039	.02	.089	.008	.003	.01
TCGT110201-UM	.012	.004	.039	.001	0	.002
TCGT110202L-K	.012	.004	.041	.002	.001	.004
TCGT110204L-K	.02	.006	.041	.003	.001	.007
TCGT110204R-K	.02	.006	.059	.004	.001	.01
TCGT110204-UM	.049	.012	.098	.006	.003	.01
TCGT110208-UM	.049	.012	.098	.008	.005	.012
TCGT110301-UM	.012	.004	.039	.001	0	.002
TCGT110302L-K	.012	.004	.041	.002	.001	.004
TCGT110302R-K	.012	.004	.059	.002	.001	.006
TCGT110302-UM	.012	.004	.059	.003	.001	.005
TCGT110304L-K	.02	.006	.041	.003	.001	.007
TCGT110304R-K	.02	.006	.059	.004	.001	.01
TCGT110304-UM	.049	.012	.098	.006	.003	.01
TCGT110308-UM	.049	.012	.098	.008	.005	.012
TCGT16T304-UM	.059	.02	.11	.004	.003	.007
TCGT16T308-UM	.059	.02	.11	.006	.005	.01
TCGW06T102S01020E	.003	.002	.004	.003	.001	.004
TCGW06T102T01020E	.003	.002	.008	.003	.001	.004
TCGW06T104S01020E	.004	.003	.008	.004	.002	.008
TCGW06T104S01020E	.004	.003	.008	.004	.002	.008
TCGW090204S01020F	.004	.003	.008	.004	.002	.008
TCGW090204S01030F	.004	.003	.016	.004	.002	.008
TCGW090204S01530F	.004	.003	.016	.004	.002	.008
TCGW110202T01020F	.003	.002	.008	.003	.002	.004
TCGW110204S01020F	.004	.003	.016	.004	.002	.008
TCGW110204S01530F	.004	.003	.016	.004	.002	.008
TCGW110208S01020F	.008	.003	.031	.006	.002	.012
TCGW110208S01530F	.008	.003	.031	.006	.002	.012
TCGW110304S01020F	.004	.003	.008	.004	.002	.008
TCGW110304S01530F	.004	.003	.016	.004	.002	.008
TCGW110304T01020F	.004	.003	.016	.004	.002	.008
TCGW110308S01020F	.008	.003	.016	.006	.002	.012
TCGW110308S01530F	.008	.003	.031	.006	.002	.012
TCGW110308T01020F	.008	.003	.031	.006	.002	.012
TCGX06T104L-WK	.039	.02	.079	.008	.004	.012
TCGX06T104L-WK	.02	.006	.039	.006	.001	.01
TCGX06T104R-WK	.02	.006	.039	.006	.001	.01
TCGX090202-AL	.039	.012	.157	.005	.002	.006
TCGX090204-AL	.059	.02	.157	.008	.004	.012
TCGX090204L-WK	.02	.006	.047	.008	.002	.011
TCGX090204R-WK	.02	.006	.047	.008	.002	.011
TCGX110202-AL	.039	.012	.197	.005	.002	.006
TCGX110204-AL	.059	.02	.197	.008	.004	.012
TCGX110204L-WK	.02	.006	.059	.008	.002	.012
TCGX110204R-WK	.02	.006	.059	.008	.002	.012
TCGX110208-AL	.059	.02	.197	.012	.006	.024
TCGX110302-AL	.039	.012	.197	.005	.002	.006
TCGX110304-AL	.059	.02	.197	.008	.004	.012
TCGX110304L-WK	.02	.006	.059	.008	.002	.012
TCGX110304R-WK	.02	.006	.059	.008	.002	.012

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
TCGX110308-AL	.059	.02	.197	.012	.006	.024
TCGX16T304-AL	.059	.02	.276	.008	.004	.012
TCGX16T308-AL	.059	.02	.276	.012	.006	.024
TCMT06T102-KF	.01	.002	.059	.002	.002	.004
TCMT06T102-KF	.01	.002	.059	.002	.001	.004
TCMT06T102-MF	.01	.002	.059	.002	.001	.004
TCMT06T102-PF	.01	.002	.059	.002	.002	.004
TCMT06T102-UF	.016	.008	.059	.003	.002	.006
TCMT06T104-KF	.01	.003	.059	.003	.002	.007
TCMT06T104-MF	.01	.003	.059	.003	.002	.007
TCMT06T104-PF	.01	.003	.059	.003	.002	.007
TCMT06T104-UF	.016	.008	.059	.004	.002	.008
TCMT06T108-KF	.01	.004	.059	.004	.002	.009
TCMT06T108-MF	.01	.004	.059	.004	.002	.009
TCMT06T108-PF	.01	.004	.059	.004	.002	.009
TCMT090202-KF	.012	.002	.067	.002	.002	.005
TCMT090202-KF	.012	.002	.067	.002	.001	.005
TCMT090202-MF	.012	.002	.067	.002	.001	.005
TCMT090202-PF	.012	.002	.067	.002	.002	.005
TCMT090204-KF	.012	.004	.067	.004	.002	.007
TCMT090204-KM	.024	.007	.089	.004	.002	.007
TCMT090204-MF	.012	.004	.067	.004	.002	.007
TCMT090204-MM	.024	.007	.089	.004	.002	.007
TCMT090204-PF	.012	.004	.067	.004	.002	.007
TCMT090204-PM	.024	.007	.089	.004	.002	.007
TCMT090204-UF	.016	.008	.059	.004	.002	.008
TCMT090204-UM	.039	.012	.098	.008	.002	.012
TCMT090204-UM	.039	.02	.098	.008	.003	.012
TCMT090208-KM	.024	.015	.089	.006	.003	.009
TCMT090208-MM	.024	.015	.089	.006	.003	.009
TCMT090208-PM	.024	.015	.089	.006	.003	.009
TCMT090208-UF	.016	.008	.059	.004	.002	.01
TCMT090208-UM	.039	.02	.098	.01	.005	.016
TCMT110202-UF	.016	.008	.079	.003	.002	.006
TCMT110204-UF	.016	.008	.079	.004	.002	.008
TCMT110204-UM	.049	.02	.118	.008	.003	.012
TCMT110204-UR	.079	.039	.118	.01	.006	.012
TCMT110208-UF	.016	.008	.079	.004	.002	.01
TCMT110208-UM	.049	.02	.118	.01	.005	.016
TCMT110208-UR	.079	.039	.118	.012	.006	.016
TCMT110302-KF	.012	.002	.067	.002	.002	.005
TCMT110302-MF	.012	.002	.067	.002	.001	.005
TCMT110302-PF	.012	.002	.067	.002	.002	.005
TCMT110304-KF	.012	.004	.067	.004	.002	.007
TCMT110304-KM	.026	.008	.098	.005	.002	.007
TCMT110304-MF	.012	.004	.067	.004	.002	.007
TCMT110304-MM	.026	.008	.098	.005	.002	.007
TCMT110304-PF	.012	.004	.067	.004	.002	.007
TCMT110304-PM	.026	.008	.098	.005	.002	.007
TCMT110308-KF	.012	.005	.067	.005	.003	.01
TCMT110308-KM	.026	.017	.098	.007	.004	.01
TCMT110308-KR	.059	.03	.118	.008	.004	.012
TCMT110308-KR	.059	.03	.118	.008	.004	.012
TCMT110308-MF	.012	.005	.067	.005	.003	.01
TCMT110308-MM	.026	.017	.098	.007	.004	.01
TCMT110308-MR	.059	.03	.118	.008	.004	.012
TCMT110308-PF	.012	.005	.067	.005	.003	.01
TCMT110308-PM	.026	.017	.098	.007	.004	.01
TCMT110308-PR	.059	.03	.118	.008	.004	.012
TCMT110312-KM	.026	.02	.098	.008	.004	.012
TCMT110312-KR	.059	.035	.118	.01	.005	.014
TCMT110312-PM	.026	.02	.098	.008	.004	.012
TCMT16T304-KF	.014	.004	.079	.004	.002	.009
TCMT16T304-KM	.031	.01	.118	.006	.003	.009
TCMT16T304-MF	.014	.004	.079	.004	.002	.009
TCMT16T304-MM	.031	.01	.118	.006	.003	.009
TCMT16T304-PF	.014	.004	.079	.004	.002	.009
TCMT16T304-PM	.031	.01	.118	.006	.003	.009
TCMT16T304-UM	.059	.02	.157	.008	.003	.012
TCMT16T304-UR	.098	.039	.157	.01	.006	.012
TCMT16T308-KM	.031	.02	.118	.008	.004	.012
TCMT16T308-KR	.079	.039	.157	.01	.005	.014
TCMT16T308-MM	.031	.02	.118	.008	.004	.012

Recommended depth of cut and cutting feed, inch

CoroTurn® 107 insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
TCMT16T308-MR	.079	.039	.157	.01	.005	.014
TCMT16T308-PM	.031	.02	.118	.008	.004	.012
TCMT16T308-PR	.079	.039	.157	.01	.005	.014
TCMT16T308-UF	.016	.008	.079	.004	.002	.01
TCMT16T308-UM	.059	.02	.157	.01	.005	.016
TCMT16T308-UR	.098	.039	.157	.012	.006	.02
TCMT16T312-KM	.031	.024	.118	.009	.005	.014
TCMT16T312-KR	.079	.047	.157	.012	.006	.017
TCMT16T312-MM	.031	.024	.118	.009	.005	.014
TCMT16T312-MR	.079	.047	.157	.012	.006	.017
TCMT16T312-PM	.031	.024	.118	.009	.005	.014
TCMT16T312-PR	.079	.047	.157	.012	.006	.017
TCMT16T312-UR	.098	.039	.157	.012	.008	.02
TCMT220408-KM	.038	.024	.142	.009	.005	.014
TCMT220408-KR	.094	.047	.189	.012	.006	.017
TCMT220408-MM	.038	.024	.142	.009	.005	.014
TCMT220408-MR	.094	.047	.189	.012	.006	.017
TCMT220408-PM	.038	.024	.142	.009	.005	.014
TCMT220408-PR	.094	.047	.189	.012	.006	.017
TCMT220412-KR	.094	.057	.189	.014	.007	.02
TCMT220412-MR	.094	.057	.189	.014	.007	.02
TCMT220412-PR	.094	.057	.189	.014	.007	.02
TCMW090204FP	.02	.004	.087	.004	.002	.008
TCMW110204FP	.02	.004	.087	.004	.002	.008
TCMW110208FP	.039	.004	.075	.006	.002	.016
TCMW110304FP	.02	.004	.087	.004	.002	.008
TCMW110308FP	.039	.004	.075	.006	.002	.016
TCMW16T304FLP	.02	.004	.276	.004	.002	.008
TCMW16T304FP	.02	.004	.134	.004	.002	.008
TCMW16T304FRP	.02	.004	.276	.004	.002	.008
TCMW16T308FP	.039	.004	.122	.006	.002	.016
TCMX090202-WF	.012	.004	.059	.004	.001	.006
TCMX090204-WF	.028	.012	.079	.005	.002	.012
TCMX090208-WF	.028	.012	.079	.01	.004	.014
TCMX110302-WF	.012	.004	.059	.004	.001	.006
TCMX110304-WF	.039	.012	.098	.008	.003	.012
TCMX110308-WF	.039	.012	.098	.01	.005	.016
TCMX110308-WM	.047	.02	.118	.012	.006	.02
TCMX16T304-WF	.047	.012	.138	.008	.003	.014
TCMX16T308-WF	.047	.012	.138	.01	.005	.02
TCMX16T308-WM	.059	.02	.157	.012	.006	.02
VBGT160401-UM	.012	.004	.039	.001	0	.003
VBGT160402-UM	.02	.004	.059	.003	.001	.006
VBGT160404-UM	.049	.012	.157	.008	.003	.012
VBGT160408-UM	.049	.012	.157	.01	.005	.012
VBGW110302S01020F	.003	.002	.004	.003	.001	.004
VBGW110302T01020F	.003	.002	.008	.003	.001	.004
VBGW110304S01020F	.004	.003	.008	.004	.002	.008
VBGW160404S01020F	.004	.003	.008	.004	.002	.008
VBGW160404S01030F	.004	.003	.016	.004	.002	.008
VBGW160404S01530F	.004	.003	.016	.004	.002	.008
VBGW160404T01020F	.004	.003	.016	.004	.002	.008
VBGW160408S01020F	.008	.003	.016	.006	.002	.012
VBGW160408S01530F	.008	.003	.031	.006	.002	.012
VBGW160408T01020F	.008	.003	.031	.006	.002	.012
VBMT110202-UF	.016	.008	.059	.003	.002	.006
VBMT110204-UF	.016	.008	.059	.004	.002	.008
VBMT110208-UF	.016	.008	.059	.004	.002	.01
VBMT110302-KF	.012	.002	.067	.002	.001	.005
VBMT110302-MF	.012	.002	.067	.002	.001	.005
VBMT110302-PF	.012	.002	.067	.002	.002	.005
VBMT110304-KF	.012	.004	.067	.004	.002	.007
VBMT110304-MF	.012	.004	.067	.004	.002	.007
VBMT110304-PF	.012	.004	.067	.004	.002	.007
VBMT110308-KF	.012	.005	.067	.005	.003	.01
VBMT110308-MF	.012	.005	.067	.005	.003	.01
VBMT110308-PF	.012	.005	.067	.005	.003	.01
VBMT110312-PF	.012	.005	.067	.006	.003	.012
VBMT160402-KF	.013	.003	.071	.003	.002	.006
VBMT160402-MF	.013	.003	.071	.003	.002	.006
VBMT160402-PF	.013	.003	.071	.003	.002	.006
VBMT160404-KF	.013	.004	.071	.004	.002	.008
VBMT160404-KM	.028	.009	.106	.006	.003	.008

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
VBMT160404-MF	.013	.004	.071	.004	.002	.008
VBMT160404-MM	.028	.009	.106	.006	.003	.008
VBMT160404-PF	.013	.004	.071	.004	.002	.008
VBMT160404-PM	.028	.009	.106	.006	.003	.008
VBMT160404-UM	.049	.02	.157	.008	.003	.012
VBMT160404-UR	.079	.039	.157	.01	.006	.012
VBMT160408-KF	.013	.006	.071	.006	.003	.011
VBMT160408-KM	.028	.018	.106	.007	.004	.011
VBMT160408-KR	.071	.035	.142	.009	.004	.013
VBMT160408-MF	.013	.006	.071	.006	.003	.011
VBMT160408-MM	.028	.018	.106	.007	.004	.011
VBMT160408-MR	.071	.035	.142	.009	.004	.013
VBMT160408-PF	.013	.006	.071	.006	.003	.011
VBMT160408-PM	.028	.018	.106	.007	.004	.011
VBMT160408-PR	.071	.035	.142	.009	.004	.013
VBMT160408-UM	.049	.02	.157	.01	.005	.016
VBMT160408-UR	.079	.039	.157	.012	.006	.02
VBMT160412-KM	.028	.021	.106	.009	.004	.013
VBMT160412-KR	.071	.043	.142	.011	.005	.015
VBMT160412-MF	.013	.006	.071	.006	.004	.013
VBMT160412-MM	.028	.021	.106	.009	.004	.013
VBMT160412-MR	.071	.043	.142	.011	.005	.015
VBMT160412-PF	.013	.006	.071	.006	.004	.013
VBMT160412-PM	.028	.021	.106	.009	.004	.013
VBMT160412-PR	.071	.043	.142	.011	.005	.015
VBMT160412-UM	.049	.02	.157	.01	.004	.016
VBMT160412-UR	.079	.039	.157	.012	.008	.02
VCET110301-UM	.012	.004	.157	.001	0	.002
VCET110302-UM	.02	.008	.157	.001	.001	.003
VCEX110300L-F	.039	.001	.118	.002	0	.006
VCEX110300R-F	.039	.001	.157	.002	0	.008
VCEX110301L-F	.039	.002	.118	.003	0	.008
VCEX110301R-F	.039	.002	.157	.004	0	.012
VCGT110301-UM	.012	.004	.039	.001	0	.003
VCGT110302-UM	.02	.004	.059	.003	.001	.006
VCGT110304-UM	.049	.012	.118	.006	.003	.01
VCGX110202-AL	.039	.012	.118	.005	.002	.006
VCGX110204-AL	.059	.02	.118	.008	.004	.012
VCGX110302-AL	.039	.012	.118	.005	.002	.006
VCGX110304-AL	.059	.02	.118	.008	.004	.012
VCGX160404-AL	.059	.02	.197	.008	.004	.012
VCGX160408-AL	.059	.02	.197	.012	.006	.024
VCGX160412-AL	.059	.02	.197	.016	.006	.031
VCGX220520-AL	.059	.02	.276	.024	.01	.039
VCGX220530-AL	.059	.02	.276	.024	.01	.039
VCMT110302-PF	.012	.003	.059	.003	.002	.005
VCMT110304-KF	.012	.004	.059	.004	.002	.008
VCMT110304-MF	.012	.004	.059	.004	.002	.008
VCMT110304-MM	.03	.012	.1	.006	.004	.01
VCMT110304-PF	.012	.004	.059	.004	.002	.008
VCMT110304-PM	.03	.012	.1	.006	.004	.01
VCMT110308-KM	.03	.024	.1	.008	.005	.013
VCMT110308-MM	.03	.024	.1	.008	.005	.013
VCMT110308-PM	.03	.024	.1	.008	.005	.013
VCMW110204FP	.02	.004	.138	.004	.002	.008
VCMW110304FP	.02	.004	.138	.004	.002	.008
VCMW160408FP	.039	.004	.11	.006	.002	.016
VCMW160412FP	.039	.004	.083	.006	.002	.016

Recommended depth of cut and cutting feed, inch

T-Max® insert for turning

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
CNGN120708T02520	.079	.039	.118	.008	.006	.02
CNGN160716T01020	.079	.039	.118	.007	.003	.012
CNGN120408T01020	.047	.004	.142	.004	.003	.008
CNGN120412S02520M	.079	.02	.157	.014	.004	.024
CNGN120412T01020	.047	.004	.142	.006	.003	.012
CNGN120412T02520	.079	.039	.118	.008	.004	.02
CNGN120416S02520M	.079	.02	.157	.014	.004	.024
CNGN120416T01020	.047	.004	.142	.007	.003	.012
CNGN120708T01020	.047	.004	.142	.004	.003	.008
CNGN120712T01020	.047	.004	.142	.006	.003	.008
CNGN120716T01020	.047	.004	.142	.007	.003	.012
CNGN120716T02520	.079	.039	.118	.008	.006	.02
CNGN160708T01020	.063	.004	.189	.004	.003	.008
CNGN160712T01020	.063	.004	.189	.006	.003	.012
DNGN150408T01020	.059	.004	.177	.004	.003	.008
DNGN150412T01020	.059	.004	.177	.006	.003	.012
DNGN150708T01020	.059	.004	.177	.004	.003	.008
DNGN150712T01020	.059	.004	.177	.006	.003	.012
DNGN150712T02520	.079	.039	.118	.008	.004	.02
DNGN150716K07015	.177	.004	.295	.016	.002	.024
DNGN150716T01020	.059	.004	.177	.007	.003	.012
DNGN150716T07015	.177	.004	.295	.016	.002	.024
RCGX060600E	.031	.016	.063	.001	.001	.001
RCGX060600T01020	.035	.004	.071	.005	.004	.008
RCGX090700E	.047	.024	.094	.002	.002	.002
RCGX090700T01020	.053	.004	.106	.006	.004	.008
RCGX090700T07015	.106	.004	.142	.01	.004	.024
RCGX120700E	.071	.035	.142	.003	.003	.003
RCGX120700K15015	.142	.004	.189	.012	.004	.024
RCGX120700T01020	.071	.004	.142	.006	.004	.008
RCGX120700T02520	.079	.039	.118	.016	.012	.02
RCGX120700T15015	.079	.039	.118	.016	.012	.02
RCGX151000T20015	.177	.004	.236	.012	.004	.024
RCGX191000K20015	.224	.004	.299	.016	.004	.024
RCGX191000T20015	.224	.004	.299	.016	.004	.024
RNGN060300S02520M	.079	.02	.157	.019	.006	.033
RNGN090300S02520M	.079	.02	.157	.019	.006	.033
RNGN090300T01020	.053	.004	.106	.006	.004	.01
RNGN120300S02520M	.079	.02	.157	.019	.006	.033
RNGN120400E	.071	.035	.142	.003	.003	.003
RNGN120400S02520M	.079	.02	.157	.019	.006	.033
RNGN120400T01020	.071	.004	.142	.006	.004	.012
RNGN120400T02520	.079	.039	.118	.008	.006	.02
RNGN120700E	.071	.035	.142	.003	.003	.003
RNGN120700K15015	.142	.004	.189	.012	.004	.024
RNGN120700T01020	.071	.004	.142	.006	.004	.008
RNGN120700T02520	.079	.039	.118	.008	.004	.02
RNGN120700T15015	.142	.004	.189	.012	.004	.024
RNGN150700T01020	.089	.004	.177	.008	.004	.012
RNGN150700T20015	.089	.004	.177	.008	.004	.012
RNGN190700E	.094	.047	.189	.004	.004	.004
RNGN190700K20015	.112	.004	.224	.008	.004	.016
RNGN190700T01020	.112	.004	.224	.008	.004	.016
RNGN190700T20015	.224	.004	.299	.016	.004	.024
RPGN060300E	.035	.016	.071	.005	.004	.008
RPGN060300T01020	.035	.016	.071	.005	.004	.008
RPGN090300E	.053	.024	.106	.006	.004	.008
RPGN090300T01020	.053	.004	.106	.006	.004	.01
RPGN120400E	.071	.035	.142	.006	.004	.008
RPGN120400T01020	.071	.035	.142	.006	.004	.01
RPGX060600T01020	.071	.016	.142	.005	.004	.008
RPGX090700E	.047	.024	.094	.002	.002	.002
RPGX090700T01020	.053	.004	.106	.006	.004	.008
RPGX120700E	.071	.035	.142	.003	.003	.003
RPGX120700T01020	.071	.004	.142	.006	.004	.008
SNGN120416T01020	.047	.004	.142	.008	.003	.012
SNGN090308T01020	.035	.004	.106	.004	.003	.008
SNGN090312S02520M	.079	.02	.157	.014	.004	.024
SNGN090312T01020	.035	.004	.106	.006	.003	.012
SNGN120408T01020	.047	.004	.142	.004	.003	.008
SNGN120408T02520	.079	.039	.118	.008	.006	.02
SNGN120412E	.079	.039	.157	.006	.004	.008
SNGN120412S02520M	.079	.02	.157	.014	.004	.024

Insert	Depth of cut			Cutting feed		
	a_p = inch			f_n = inch/r		
	Rec	Min	Max	Rec	Min	Max
SNGN120412T01020	.047	.004	.142	.006	.003	.012
SNGN120412T02520	.079	.039	.118	.008	.004	.02
SNGN120416S02520M	.079	.02	.157	.014	.004	.024
SNGN120416T02520	.079	.039	.118	.008	.006	.02
SNGN120708T01020	.047	.004	.142	.004	.003	.008
SNGN120708T02520	.079	.039	.118	.008	.006	.02
SNGN120712E	.079	.039	.157	.006	.004	.008
SNGN120712T01020	.047	.004	.142	.006	.003	.008
SNGN120712T02520	.079	.039	.118	.008	.004	.02
SNGN120716K15015	.142	.004	.236	.016	.002	.024
SNGN120716T01020	.047	.004	.142	.008	.003	.012
SNGN120716T02520	.079	.039	.118	.008	.006	.02
SNGN120716T15015	.142	.004	.236	.016	.002	.024
SNGN150708T01020	.059	.004	.177	.004	.003	.008
SNGN150716T01020	.059	.004	.177	.008	.003	.012
SNGN150716T02520	.079	.039	.118	.008	.006	.02
SNGN190716T01020	.075	.004	.224	.008	.003	.012
SNGN190724E	.157	.079	.236	.006	.004	.008
SNGN190724T01020	.075	.004	.224	.008	.003	.012
SPGN120408T01020	.047	.004	.142	.004	.003	.008
SPGN120412T01020	.047	.004	.142	.006	.003	.012
SPUN120304FP	.02	.004	.146	.004	.002	.008
TNGN110308T01020	.043	.004	.13	.004	.003	.008
TNGN160408T01020	.063	.004	.189	.004	.003	.008
TNGN160412T01020	.063	.004	.189	.006	.003	.012
TNGN160416T01020	.063	.004	.189	.007	.003	.012
TNGN160708T01020	.063	.004	.189	.004	.003	.008
TNGN160712T01020	.063	.004	.189	.006	.003	.012
TPGN110304T01020	.043	.004	.13	.004	.003	.004
TPGN110308T01020	.043	.004	.13	.004	.003	.008
TPGN160304T01020	.063	.004	.189	.004	.003	.004
TPGN160308E	.189	.004	.315	.008	.002	.014
TPGN160308T01020	.063	.004	.189	.004	.003	.008
TPGN160312T01020	.063	.004	.189	.006	.003	.012
TPUN110304FP	.02	.004	.087	.004	.002	.008
TPUN160304FLP	.02	.004	.276	.004	.002	.008
TPUN160304FP	.02	.004	.087	.004	.002	.008
TPUN160304FRP	.02	.004	.276	.004	.002	.008

CoroTurn® 300 insert for turning

3-80-101104-8-L4	.047	.01	.118	.008	.004	.012
3-80-101108-8-L4	.063	.02	.118	.009	.005	.013
3-80-101108-8-M5	.098	.031	.15	.013	.008	.018
3-80-101108-8-M5W	.098	.02	.15	.018	.008	.024
3-80-101112-8-L4	.079	.026	.118	.01	.006	.014
3-80-101112-8-M5	.118	.047	.15	.014	.01	.022
3-80-101112-8-M5W	.118	.031	.15	.02	.01	.028

CoroTurn® Prime insert for turning

CP-A1104-L5	.039	.01	.118	.016	.008	.02
CP-A1108-L5	.039	.01	.118	.016	.008	.02
CP-A1108-L5W	.039	.01	.118	.016	.008	.02
CP-B1108-M5	.079	.02	.157	.023	.012	.048
CP-B1108-M5W	.079	.02	.157	.023	.012	.048

CoroTurn® TR insert for turning

TR-DC1304-F	.039	.006	.118	.008	.003	.012
TR-DC1304S01020F	.008	.003	.024	.008	.002	.012
TR-DC1308-F	.039	.006	.118	.009	.004	.016
TR-DC1308-M	.079	.02	.197	.01	.004	.016
TR-DC1308S01020F	.008	.003	.024	.008	.002	.012
TR-DC1312-M	.079	.02	.197	.012	.006	.02
TR-VB1302-F	.012	.002	.039	.003	.001	.005
TR-VB1304-F	.031	.004	.079	.006	.002	.014
TR-VB1304S01020F	.004	.003	.008	.004	.002	.008
TR-VB1308-F	.031	.004	.079	.008	.004	.016
TR-VB1308S01020F	.004	.003	.008	.004	.002	.008
TR-VB1312-F	.031	.004	.079	.008	.004	.016

Grades for general turning



Steel, cast steel, martensitic stainless steel, long-chipping malleable iron

Basic grades



GC4305 (HC) – P05 (P01-P15)

A CVD-coated grade recommended for stable conditions when a higher metal removal rate is needed in medium to rough steel applications. Able to withstand high temperatures.



GC4315 (HC) – P15 (P01-P30)

A CVD-coated carbide grade for finishing to roughing in applications with continuous cut to light intermittent of steel and steel castings.



GC4325 (HC) – P25 (P10-P40)

A CVD-coated carbide grade for finishing to roughing of steel and steel castings. This grade can handle continuous cuts as well as interrupted cuts at high metal removal rates. A grade for a broad application area.



GC4335 (HC) – P35 (P25-P45)

A CVD-coated grade for steel turning with secure and reliable performance in tough and demanding operations. Ideal for difficult surfaces, vibration issues, heavy interruptions, and unstable conditions.

Complementary grades



GC1525 (HC) – P15 (P05-P25)

A PVD-coated cermet for finishing and semi-finishing of low carbon and low alloyed steels. To be used when good surface quality is demanded at medium to high cutting speeds. $f_n \times a_p < 0.35 \text{ mm}^2$.



CT5015 (HT) – P10 (P01-P20)

An uncoated cermet for finishing when high surface quality is required. $f_n \times a_p < 0.35 \text{ mm}^2$

Letter symbols specifying the designation of hard cutting materials:

Hardmetals:

HW Uncoated hardmetal containing primarily tungsten carbide (WC)

HT Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TiC) or titanium nitrides (TiN) or both.

HC Hardmetals as above, but coated.

Ceramics:

CA Oxide ceramics containing primarily aluminum oxide (Al_2O_3).

CM Mixed ceramics containing primarily aluminum oxide (Al_2O_3) but containing components other than oxides.

CN Nitride ceramics containing primarily silicon nitride (Si_3N_4).

CC Ceramics as above, but coated.

Diamond:

DP Polycrystalline diamond¹⁾.

Cubic boron nitride:

BN Polycrystalline boron nitride¹⁾.

¹⁾ Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

Grades for general turning

M

Austenitic stainless steel, cast steel, manganese steel, alloy cast iron, malleable iron, and free cutting steel.

B

Basic grades



GC2015 (HC) – M15 (M05–M25)
A CVD-coated carbide grade for finishing and light roughing. A choice for continuous cuts at moderate to high cutting speeds.

Complementary grades



GC1115 (HC) – M15 (M05–M25)
A PVD-coated carbide grade. Recommended to be used at low feed rates or medium cutting speeds.

C



GC2025 (HC) – M25 (M15-M35)
A CVD-coated carbide optimized for semi-finishing to roughing. The grade performs well in interrupted cuts.



GC1125 (HC) – M25 (M10-M30)
A PVD-coated grade for toughness demanding operations.

D



GC2220 (HC) – M20 (M15-M30)
A grade optimized for stainless steel. For external and internal turning in rough to medium operations, wet and dry machining. For stable cutting conditions with continuous and light interruptions at high to average cutting speeds.

E



GC2035 (HC) – M35 (M25-M40)
A PVD-coated carbide. To be used for semi-finishing to roughing at low to moderate cutting speeds.

G

Letter symbols specifying the designation of hard cutting materials:

Hardmetals:

- HW

Uncoated hardmetal containing primarily tungsten carbide (WC)
- HT

Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TiC) or titanium nitrides (TiN) or both.
- HC

Hardmetals as above, but coated.

Ceramics:

- CA

Oxide ceramics containing primarily aluminum oxide (Al₂O₃).
- CM

Mixed ceramics containing primarily aluminum oxide (Al₂O₃) but containing components other than oxides.
- CN

Nitride ceramics containing primarily silicon nitride (Si₃N₄).
- CC

Ceramics as above, but coated.

Diamond:

- DP

Polycrystalline diamond¹⁾.

Cubic boron nitride:

- BN

Polycrystalline boron nitride¹⁾.

¹⁾ Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

Grades for general turning



Cast iron, chilled cast iron, short chipping malleable iron

Basic grades



GC3210 (HC) – K10 (K01-K20)

A CVD-coated cemented carbide grade. Used in good to average machining conditions in all cast iron materials. A grade suitable for continuous to interrupted cut.



GC3225 (HC) – K25 (K15-K35)

A CVD-coated cemented carbide grade. Used in average to difficult machining conditions in all cast iron materials. A grade suitable for light to heavy interrupted cuts.



CC6190 (CN) – K10 (K05 – K15)

Pure silicon nitride-based ceramic. Used in high-speed roughing to finishing of cast irons in good conditions. Is able to handle some interruptions.

Complementary grades



H13A (HW) – K20 (K10-K30)

An uncoated carbide grade. For moderate to low speeds and high feeds in cast iron.



CB7525 (BN) – K05 (K01-K10)

A cubic boron nitride grade. For high speed finishing of gray cast iron under continuous as well as interrupted conditions.



CC650 (CM) – K01 (K01-K05)

Mixed Al_2O_3 based ceramic. Recommended for high speed finishing of gray cast irons and hardened cast irons under stable conditions.



CB7925 (BN) – K05 (K01-K10)

A cubic boron nitride grade. Suited for both machining in gray cast iron and chilled iron under continuous as well as interrupted conditions.

Letter symbols specifying the designation of hard cutting materials:

Hardmetals:

HW Uncoated hardmetal containing primarily tungsten carbide (WC)

HT Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TiC) or titanium nitrides (TiN) or both.

HC Hardmetals as above, but coated.

Ceramics:

CA Oxide ceramics containing primarily aluminum oxide (Al_2O_3).

CM Mixed ceramics containing primarily aluminum oxide (Al_2O_3) but containing components other than oxides.

CN Nitride ceramics containing primarily silicon nitride (Si_3N_4).

CC Ceramics as above, but coated.

Diamond:

DP Polycrystalline diamond¹⁾.

Cubic boron nitride:

BN Polycrystalline boron nitride¹⁾.

¹⁾ Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

Grades for general turning

N

Non-ferrous metals

B

Basic grades



H10 (HW) – N15 (N01-N25)
An uncoated carbide grade. For rough to finish turning of aluminum alloys.

Complementary grades



H13A (HW) – N15 (N05-N25)
An uncoated carbide grade for medium to rough turning of aluminum alloys.



CD05 – N01 (N01-N10)
A polycrystalline diamond grade for finishing and semi-finishing of highly abrasive non-ferrous and non-metallic materials, Matrix Composites (MMC), fiberglass, fiberboard, and wood laminates.



CD10 (DP) – N05 (N01-N10)
A polycrystalline diamond grade for finishing and semi-finishing of non-ferrous and non-metallic materials.

E

F

G

Letter symbols specifying the designation of hard cutting materials:

H

Hardmetals:

- HW

Uncoated hardmetal containing primarily tungsten carbide (WC)
- HT

Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TiC) or titanium nitrides (TiN) or both.
- HC

Hardmetals as above, but coated.

Ceramics:

- CA

Oxide ceramics containing primarily aluminum oxide (Al₂O₃).
- CM

Mixed ceramics containing primarily aluminum oxide (Al₂O₃) but containing components other than oxides.
- CN

Nitride ceramics containing primarily silicon nitride (Si₃N₄).
- CC

Ceramics as above, but coated.

Diamond:

- DP

Polycrystalline diamond¹⁾.

Cubic boron nitride:

- BN

Polycrystalline boron nitride¹⁾.

¹⁾ Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

Grades for general turning



Heat resistant super alloys

Basic grades



CC6160 (CA) – S10 (S05-S20)

A SiAlON-based ceramic grade. Ideal for pocketing and profiling difficult-to-machine, heat-resistant super alloy components. Offers secure and stable machining for high metal removal rate. Performs multiple operations from roughing to semi-finishing.



CC6060 (CA) – S10 (S05-S20)

A SiAlON-based ceramic for machining in pre-machined materials under stable conditions.



CC670 (CA) – S15 (S05-S25)

A whisker reinforced, SiAlON-based ceramic. Primarily to be used in unfavorable conditions.



CC6065 (CA) – S15 (S10-S20)

A SiAlON-based ceramic. Well suited for first stage machining in semi-intermittent applications as well as machining forged skin and other toughness demanding operations.



GC1105 (HC) – S15 (S05-S20)

A PVD-coated carbide grade. Suitable for finishing to medium machining.



S05F (HC) – S05 (S05-S15)

A CVD-coated carbide grade. For high-speed finishing or long time in cut at lower speeds. For applications where the risk of notch wear is not a predominate factor.



GC1115 (HC) – S20 (S15-S25)

A PVD-coated carbide grade. The grade has an excellent performance in combination with sharp edge geometries. Suitable for medium to rough turning in smearing materials.

Complementary grades



CC650 (CM) – S05 (S01-S10)

A mixed Al_2O_3 -based ceramic. Used in semi-finishing operations of high-temp alloys.



GC1125 (HC) – S25 (S20-S30)

A PVD-coated carbide grade to be used at low speeds or light intermittent cuts.



H13A (HW) – S15 (S10-S30)

An uncoated carbide grade for moderate to low speeds.



Titanium alloys

Basic grades



H13A (HW) – S15 (S10-S30)

An uncoated carbide grade for moderate to low speeds.

Complementary grades



GC1115 (HC) – S20 (S15-S25)

A PVD-coated carbide grade. The grade has an excellent performance in combination with sharp edge geometries. Suitable for medium to rough turning in smearing materials.

Letter symbols specifying the designation of hard cutting materials:

Hardmetals:

HW Uncoated hardmetal containing primarily tungsten carbide (WC)

HT Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TiC) or titanium nitrides (TiN) or both.

HC Hardmetals as above, but coated.

Ceramics:

CA Oxide ceramics containing primarily aluminum oxide (Al_2O_3).

CM Mixed ceramics containing primarily aluminum oxide (Al_2O_3) but containing components other than oxides.

CN Nitride ceramics containing primarily silicon nitride (Si_3N_4).

CC Ceramics as above, but coated.

Diamond:

DP Polycrystalline diamond¹⁾.

Cubic boron nitride:

BN Polycrystalline boron nitride¹⁾.

¹⁾ Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

Grades for general turning

H

Hardened materials

B

Basic grades



CB7105 (BN) – H05 (H01-H10)
For continuous cut, smaller depth of cut, and smaller chip loads at high speed.

C



CB7015 (BN) – H10 (H05 - H15)
A cubic boron nitride grade. To be used in continuous and light interrupted cuts at high speed in case-hardened steels.

D



CB7115 (BN) – H15 (H10-H20)
For continuous cut to light interrupted cut or larger chip loads at medium to high speed.



CB7025 (BN) – H15 (H10-H20)
A cubic boron nitride composite for hardened ferrous material. Suitable for cuts with substantial interruptions at medium speeds in case-hardened steels, bearing steels.

E



CB7125 - H25
Medium CBN content and new PVD coating with good fracture resistance and improved tool life.

F



CB7135 - H35
High CBN content for best fracture resistance and predictable heavy interrupted cut.

G

Letter symbols specifying the designation of hard cutting materials:

H

Hardmetals:

HW Uncoated hardmetal containing primarily tungsten carbide (WC)

HT Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TiC) or titanium nitrides (TiN) or both.

HC Hardmetals as above, but coated.

Ceramics:

CA Oxide ceramics containing primarily aluminum oxide (Al₂O₃).

CM Mixed ceramics containing primarily aluminum oxide (Al₂O₃) but containing components other than oxides.

CN Nitride ceramics containing primarily silicon nitride (Si₃N₄).

CC Ceramics as above, but coated.

Diamond:

DP Polycrystalline diamond¹⁾.

Cubic boron nitride:

BN Polycrystalline boron nitride¹⁾.

¹⁾ Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

Parting and grooving

CoroCut® 1-2 B3

Overview	B4
Inserts	B5-B25
External tools	B26-B65
Internal tools	B66-B70

CoroCut® QD B71

Overview	B72
Inserts	B73-B79
External tools	B80-B96

CoroCut® QF B97

Inserts	B98-B25
External tools	B101-B114
Internal tools	B115-B116

CoroCut® 3 B117

Overview	B118
Inserts	B120-B124
External tools	B125-B127

CoroCut® XS B128

Inserts	B129-B131
External tools	B132-B133

T-Max® Q-Cut B134

Inserts	B136-B137
External tools	B138-B142
Internal tools	B143-B148

CoroThread® 266 B149

Inserts	B150
Internal tools	B151

Top Lok® B152

Inserts	B153-B156
External tools	B157-B159
Internal tools	B160-B162

CoroTurn® XS B163

Cutting tools	B164-B172
Adapters	F2

CoroCut® MB B173

Cutting tools	B174-B179
Adapters	F2

B

C

D

E

F

G

H

		External grooving		Internal grooving		Face grooving	
		CW mm (inch)	CDX mm (inch)	DMIN mm (inch)	CDX mm (inch)	DAXIN mm (inch)	CDX mm (inch)
CoroCut® 1-2	2-edged grooving, face grooving, and profiling	1.5-15 (.060-.590)	13-28 (.500-1.10)	25-6 (.980-2.36)	5-13 (.200-.500)	Ø34 (Ø1.34)	12-28 (.472-1.10)
CoroCut® QD	For parting off and deep grooving	2-8 (.080-.315)	15-80 (.600-3.15)				
CoroCut® QF	For face grooving					Ø30-60 (Ø1.181-2.362)	20-50 (.800-1.969)
CoroCut® 3	Narrow 3-edged external grooving	0.5-3.2 (.020-.125)	<6.4 (<.252)				
CoroCut® XS	External grooving and face grooving of small diameters	0.5-2.5 (.020-.100)	<8.5 (<.335)				
CoroTurn® XS	External grooving and face grooving of small diameters			4.2-8 (.170-.315)	0.8-2.5 (.031-.100)	Ø1-8 (Ø.040-.315)	2-30 (.080-1.18)
CoroCut® MB	For internal grooving and face grooving with high precision			10-20 (.294-.787)	2-8 (.080-.315)	Ø6-12 (.252-.500)	1.5-10 (.059-.394)
T-Max® Q-Cut	Internal grooving and face grooving			12-50 (.472-1.97)	2-8 (.080-.315)	Ø16 (Ø.630)	9-20 (.350-.790)
CoroThread® 266	For demanding external and internal grooving operations	1.1-4.2 (.043-.163)	1.3-2.6 (.051-.102)	20-25 (.787-.984)	1.3-2.2 (.051-.087)		
Top Lok®	Flexible system for grooving, profiling, and threading	0.79-5.4 (.031-.213)	2.8-7.1 (.110-.280)				

CoroCut® 1-2

Parting, profiling, and grooving operations

B

Application

- Parting off
- External grooving
- Internal grooving
- Face grooving
- Profiling

ISO application area:



Benefits and features

- Strong tool material alloy for high fatigue resistance
- Plug and play adapters make it easy to connect the coolant
- Easy to change inserts: no torque wrench needed—always correct clamping with quick-release key

Note: In parting off and grooving, CoroCut® 1-2 is the best choice to depths where the 2-edged inserts can be used.



www.sandvik.coromant.com/corocut1-2

Inserts

- Geometries and grades for all applications and feeds
- Insert grades in advanced cutting materials PCD and CBN
- Wiper inserts for excellent surface finish

Tools

- Coromant Capto® cutting units
- Shank tools
- QS™ shanks
- Parting blades
- Boring bars
- CoroTurn® SL heads

Rigid spring clamping

The system combines rigid spring clamping mechanism with railed insert seat and long inserts for exceptional stability.

Over and under coolant

Tools with internal over and under coolant available for best chip control and tool life.



C

D

E

F

G

H



B4



B4



B4



H28

Inserts

	Parting				Grooving				
									
	123-CF	123-CM	123-CR	123-CS	123-GF	123-GM	123-GM	123-GR	123-GS
Insert width, mm	2.50-4.00	1.50-5.00	2.50-6.00	1.50-3.00	1.50-8.00	2.00-11.00	12.00-15.00	15.00	2.00-4.00
Insert width, inch	.098-.157	.059-.197	.098-.236	.059-.118	.059-.315	.079-.433	.472-.591	.591	.079-.157
Page	B5	B6	B7	B8	B9	B12	B13	B13	B15

	Grooving Hardened materials	Profiling						
								
	123-S	123-RO	123-RM	123-AM	123-RS	123-RE	123-RO	123-RS
Insert width, mm	3.00-8.00	2.00-8.00	3.00-8.00	6.00-8.00	3.00-8.00	2.00-8.00	2.00-4.00	2.00-4.00
Insert width, inch	.118-.315	.079-.315	.118-.315	.236-.315	.118-.315	.079-.315	.079-.175	.079-.157
Page	B14	B19	B20	B23	B25	B24	B21	B21

	Profiling Hardened materials		Turning	
				
	123-S	123-RE	123-TF	123-TM
Insert width, mm	3.00-8.00	2.00-8.00	3.00-8.00	3.00-8.00
Insert width, inch	.118-.315	.079-.315	.118-.315	.118-.315
Page	B25	B24	B16	B17

Tools

					
Tool holding	Parting and grooving	Parting	Grooving	Face grooving	Profiling
Coromant Capto®	B26-B30			B49	
Blade		B42-B44			
Shank	B31-B38		B45-B46	B51-B54	B62-B63
QS Shank	B39-B41			B55-B57	
SL external cutting head			B47-B48	B58-B60	B64-B66
SL internal cutting head			B66		
Boring bar internal			B67-B69		B70

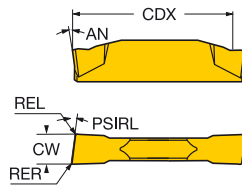
CoroCut® 1-2 insert for parting

Parting

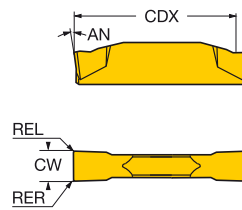


TECHNOLOGY
Wiper

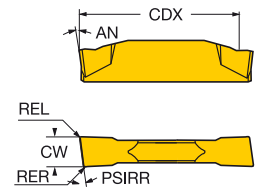
L123x2-CF



N123x2-CF



R123x2-CF



CoroCut® 2-edge

	SSC	CW	REL	RER	CDX	PSIRL	PSIRR	Ordering code	P					M				K		N		S				H	Dimensions, mm, inch
									1105	1125	1145	2135	525	1105	1125	1145	2135	1125	2135	4325	1105	1125	1145	2135	2135		
									★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★		
 Finishing	F	2.50	0.15	0.15	18.4	5°		L123F2-0250-0501-CF		★					★							★					AN
		.098	.006	.006	.724																						7°
	G	3.00	0.15	0.15	18.3	5°		L123G2-0300-0501-CF	★	★	★				★	★	★	★	★			★	★	★	★	★	7°
		.118	.006	.006	.720																						
	H	4.00	0.15	0.15	23.2	5°		L123H2-0400-0501-CF	★						★							★	★				7°
		.157	.006	.006	.913																						
	F	2.50	0.10	0.10	18.4			N123F2-0250-0001-CF		★	★	★				★	★	★	★	★		★		★	★	★	7°
		.098	.004	.004	.724																		★	★	★	★	
	G	3.00	0.10	0.10	18.4			N123G2-0300-0001-CF	★	★	★	★	★		★	★	★	★	★	★		★	★	★	★	★	7°
		.118	.004	.004	.724																						
	H	4.00	0.15	0.15	23.3			N123H2-0400-0001-CF	★	★	★	★			★	★	★	★	★	★		★	★	★	★	★	7°
		.157	.006	.006	.917																						
	F	2.50	0.15	0.15	18.4	5°		R123F2-0250-0501-CF		★	★	★				★	★	★	★	★		★		★	★	★	7°
		.098	.006	.006	.724																						
	G	3.00	0.15	0.15	18.3	5°		R123G2-0300-0501-CF		★	★	★				★	★	★	★	★		★		★	★	★	7°
		.118	.006	.006	.720																						
	H	4.00	0.15	0.15	23.2	5°		R123H2-0400-0501-CF		★	★	★				★	★	★	★	★		★		★	★	★	7°
		.157	.006	.006	.913																						

SSC = To correspond with SSC on holder.

N = Neutral, R = Right hand, L = Left hand

Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
L123x2-CF	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039
N123x2-CF	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039
R123x2-CF	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039



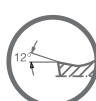
B4



B180



B202



B191



H37



H28



H17



H4

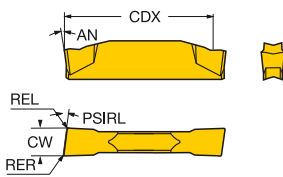
CoroCut® 1-2 insert for parting

Parting

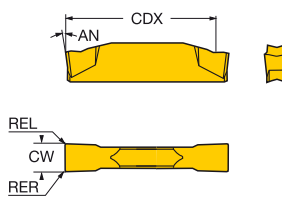
B



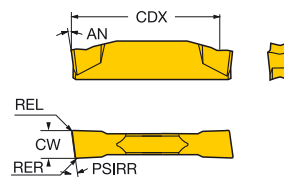
L123x2-CM



N123x2-CM

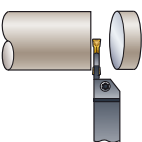


R123x2-CM



C

CoroCut® 2-edge

			SSC CW REL RER CDX PSIRL PSIRR					Ordering code	P					M			K			N		S			H	Dimensions, mm, inch								
									1105	1125	1145	2135	3115	525	1105	1125	1145	2135	1125	2135	3115	425	1105	1125	2135		1105	1125	1145	2135	2135			
									☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		☆	☆	☆	☆	☆	☆		
Medium	E	2.00	0.20	0.20	19.0	5°	L123E2-0200-0502-CM		☆	☆	☆				☆	☆	☆	☆	☆				☆	☆		☆	☆	☆	☆	☆	7°			
		.079	.008	.008	.748											☆	☆	☆	☆					☆	☆		☆	☆	☆	☆				
	F	2.50	0.20	0.20	18.9	5°	L123F2-0250-0502-CM		☆	☆	☆					☆	☆	☆	☆	☆				☆	☆		☆	☆	☆	☆	7°			
		.098	.008	.008	.744												☆	☆	☆	☆					☆	☆		☆	☆	☆	☆			
	G	3.00	0.20	0.20	18.8	5°	L123G2-0300-0502-CM		☆	☆	☆	☆				☆	☆	☆	☆	☆	☆				☆	☆		☆	☆	☆	☆	7°		
		.118	.008	.008	.740													☆	☆	☆	☆					☆	☆		☆	☆	☆	☆		
	H	4.00	0.20	0.20	24.1	5°	L123H2-0400-0502-CM		☆	☆	☆					☆	☆	☆	☆	☆				☆	☆		☆	☆		☆	☆	7°		
		.157	.008	.008	.949														☆	☆	☆	☆					☆	☆		☆	☆	☆		
	J	5.00	0.20	0.20	24.1	5°	L123J2-0500-0502-CM		☆		☆					☆		☆	☆	☆				☆	☆		☆		☆	☆	☆	7°		
		.197	.008	.008	.949																							☆	☆		☆	☆	☆	
	E	2.00	0.20	0.20	19.0	5°	R123E2-0200-0502-CM		☆	☆	☆					☆	☆	☆	☆	☆				☆	☆		☆	☆		☆	☆	☆	7°	
		.079	.008	.008	.748																													
	F	2.50	0.20	0.20	18.9	5°	R123F2-0250-0502-CM		☆	☆	☆					☆	☆	☆	☆	☆					☆	☆		☆	☆		☆	☆	7°	
		.098	.008	.008	.744																													
	G	3.00	0.20	0.20	18.8	5°	R123G2-0300-0502-CM		☆	☆	☆	☆				☆	☆	☆	☆	☆	☆				☆	☆		☆	☆		☆	☆	7°	
		.118	.008	.008	.740																													
	H	4.00	0.20	0.20	24.1	5°	R123H2-0400-0502-CM		☆	☆	☆					☆	☆	☆	☆	☆				☆	☆		☆	☆		☆	☆	7°		
		.157	.008	.008	.949																													
	J	5.00	0.20	0.20	24.1	5°	R123J2-0500-0502-CM		☆		☆					☆		☆	☆	☆				☆	☆		☆		☆	☆	☆	7°		
		.197	.008	.008	.949																													
D	1.50	0.20	0.20	12.9		N123D2-0150-0002-CM	☆	☆	☆	☆				☆	☆	☆	☆	☆	☆			☆	☆	☆	☆	☆	☆	☆	☆	☆	7°			
	.059	.008	.008	.508																														
E	2.00	0.20	0.20	19.0		N123E2-0200-0002-CM	☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°			
	.079	.008	.008	.748																														
F	2.50	0.20	0.20	18.9		N123F2-0250-0002-CM	☆	☆		☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°			
	.098	.008	.008	.744																														
G	3.00	0.20	0.20	18.9		N123G2-0300-0002-CM	☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°			
	.118	.008	.008	.744																														
H	4.00	0.20	0.20	24.1		N123H2-0400-0002-CM	☆	☆		☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°			
	.157	.008	.008	.949																														
J	5.00	0.20	0.20	24.1		N123J2-0500-0002-CM		☆		☆					☆		☆	☆	☆				☆	☆		☆		☆	☆	☆	7°			
	.197	.008	.008	.949																														

SSC = To correspond with SSC on holder.

N = Neutral, R = Right hand, L = Left hand

Tolerances:

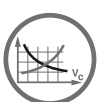
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
L123x2-CM	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039
N123x2-CM	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039
R123x2-CM	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039

G

H



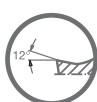
B4



B180



B202



B191



H37



H28



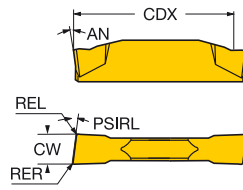
H17

CoroCut® 1-2 insert for parting

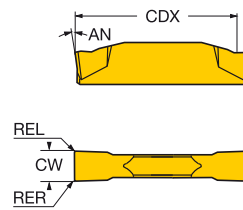
Parting



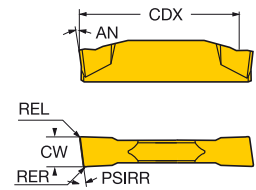
L123x2-CR



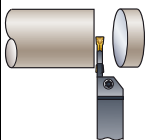
N123x2-CR



R123x2-CR



CoroCut® 2-edge

									P					M			K			N			S			H	Dimensions, mm, inch						
		SSC	CW	REL	RER	CDX	PSIRL	PSIRR	Ordering code	1105	1125	1145	2135	3115	525	1105	1125	1145	2135	1125	2135	3115	1105	1125	2135	1105		1125	1145	2135	2135	AN	
Roughing	F	2.50	0.30	0.30	18.9	5°		L123F2-0250-0503-CR	★						★				★				★			★						7°	
		.098	.012	.012	.744																												
	G	3.00	0.30	0.30	18.8	5°		L123G2-0300-0503-CR	★		☆					☆		★	☆	★			★	☆		★		☆	★		7°		
		.118	.012	.012	.740																												
	H	4.00	0.30	0.30	23.7	5°		L123H2-0400-0503-CR	★			☆				☆		★	☆	★			★	☆		★		☆	★		7°		
		.157	.012	.012	.933																												
	J	5.00	0.40	0.40	23.6	5°		L123J2-0500-0504-CR	★							★			★				★			★						7°	
		.197	.016	.016	.929																												
	F	2.50	0.30	0.30	18.9			N123F2-0250-0003-CR		★	☆	☆	☆			☆	☆	★	☆	☆	☆		★	☆		☆	★	☆	☆	★		7°	
		.098	.012	.012	.744																												
	G	3.00	0.30	0.30	18.8			N123G2-0300-0003-CR	☆	★	☆	☆	☆	☆	☆	☆	☆	☆	★	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	★		7°	
		.118	.012	.012	.740																												
	H	4.00	0.30	0.30	23.7			N123H2-0400-0003-CR	☆	★	☆	☆	☆	☆		☆	☆	☆	★	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	★		7°	
		.157	.012	.012	.933																												
	J	5.00	0.40	0.40	23.7			N123J2-0500-0004-CR		★	☆	☆	☆	☆		☆	☆	☆	★	☆	☆	☆		★	☆		☆	★	☆	☆	★		7°
		.197	.016	.016	.933																												
	K	6.00	0.40	0.40	23.5			N123K2-0600-0004-CR		★	☆	☆	☆	☆		☆	☆	★	☆	☆	☆	☆		★	☆		☆	★	☆	☆	★		7°
		.236	.016	.016	.925																												
	F	2.50	0.30	0.30	18.9	5°		R123F2-0250-0503-CR		★		☆				☆		★	☆	★			★	☆		★		☆	★		★		7°
		.098	.012	.012	.744																												
	G	3.00	0.30	0.30	18.8	5°		R123G2-0300-0503-CR		★	☆	☆				☆	☆	★	☆	★			★	☆		☆	★	☆	★		★		7°
		.118	.012	.012	.740																												
	H	4.00	0.30	0.30	23.7	5°		R123H2-0400-0503-CR		★	☆	☆				☆	☆	★	☆	★			★	☆		☆	★	☆	★		★		7°
		.157	.012	.012	.933																												
	J	5.00	0.40	0.40	23.6	5°		R123J2-0500-0504-CR		★		☆				☆		★	☆	★			★	☆		★		☆	★		★		7°
		.197	.016	.016	.929																												

SSC = To correspond with SSC on holder.

N = Neutral, R = Right hand, L = Left hand

Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
L123x2-CR	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039
N123x2-CR	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039
R123x2-CR	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039



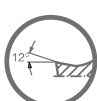
B4



B180



B202



B191



H37



H28



H17

CoroCut® 1-2 insert for parting

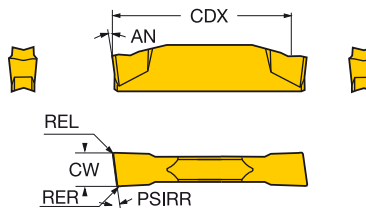
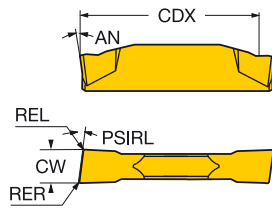
Parting

B



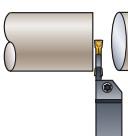
L123x2-CS

R123x2-CS



CoroCut® 2-edge

C

	SSC	CW	REL	RER	CDX	PSIRL	PSIRR	Ordering code	P M K N S					Dimensions, mm, inch				
									1125	1125	1125	1125	1125	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
									★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
	D	1.50	0.10	0.10	13.4	10.0		L123D2-0150-1001-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
		.059	.004	.004	.528	10.000									-.0008	.0008	-.0020	.0020
		1.50	0.10	0.10	13.4	15.0		L123D2-0150-1501-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
		.059	.004	.004	.528	15.000									-.0008	.0008	-.0020	.0020
	E	2.00	0.10	0.10	19.4	10.0		L123E2-0200-1001-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
		.079	.004	.004	.764	10.000									-.0008	.0008	-.0020	.0020
		2.00	0.10	0.10	19.4	15.0		L123E2-0200-1501-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
		.079	.004	.004	.764	15.000									-.0008	.0008	-.0020	.0020
	F	2.50	0.10	0.10	19.4	10.0		L123F2-0250-1001-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
		.098	.004	.004	.764	10.000									-.0008	.0008	-.0020	.0020
		2.50	0.10	0.10	19.4	15.0		L123F2-0250-1501-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
		.098	.004	.004	.764	15.000									-.0008	.0008	-.0020	.0020
	G	3.00	0.10	0.10	19.4	10.0		L123G2-0300-1001-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
		.118	.004	.004	.764	10.000									-.0008	.0008	-.0020	.0020
		3.00	0.10	0.10	19.4	15.0		L123G2-0300-1501-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
		.118	.004	.004	.764	15.000									-.0008	.0008	-.0020	.0020
	D	1.50	0.10	0.10	13.4		10.0	R123D2-0150-1001-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
		.059	.004	.004	.528		10.000								-.0008	.0008	-.0020	.0020
		1.50	0.10	0.10	13.4		15.0	R123D2-0150-1501-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
		.059	.004	.004	.528		15.000								-.0008	.0008	-.0020	.0020
	E	2.00	0.10	0.10	19.4		10.0	R123E2-0200-1001-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
		.079	.004	.004	.764		10.000								-.0008	.0008	-.0020	.0020
		2.00	0.10	0.10	19.4		15.0	R123E2-0200-1501-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
		.079	.004	.004	.764		15.000								-.0008	.0008	-.0020	.0020
	F	2.50	0.10	0.10	19.4		10.0	R123F2-0250-1001-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
		.098	.004	.004	.764		10.000								-.0008	.0008	-.0020	.0020
		2.50	0.10	0.10	19.4		15.0	R123F2-0250-1501-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
		.098	.004	.004	.764		15.000								-.0008	.0008	-.0020	.0020
	G	3.00	0.10	0.10	19.4		10.0	R123G2-0300-1001-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
		.118	.004	.004	.764		10.000								-.0008	.0008	-.0020	.0020
		3.00	0.10	0.10	19.4		15.0	R123G2-0300-1501-CS	★	★	★	★	★	5°	-0.020	0.020	-0.050	0.050
		.118	.004	.004	.764		15.000								-.0008	.0008	-.0020	.0020

F

SSC = To correspond with SSC on holder.

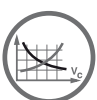
R = Right hand, L = Left hand

G

H



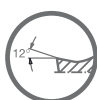
B4



B180



B202



B191



H37

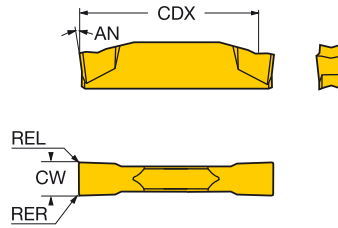


H28



H17

CoroCut® 1-2 insert for grooving



CoroCut® 2-edge

[illegible]

SSC = To correspond with SSC on holder.

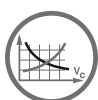
N = Neutral



B4



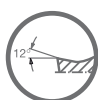
B4



B180



B202



B191



H37

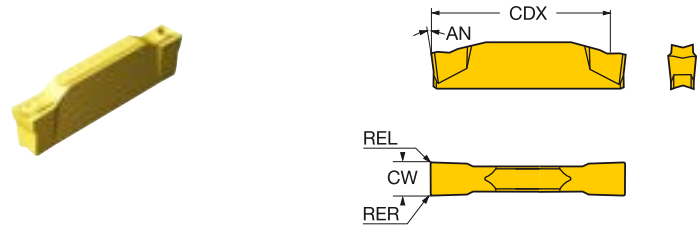


H28

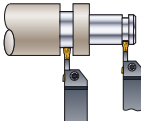


H17

CoroCut® 1-2 insert for grooving



CoroCut® 2-edge

								P				M				K		N				S				H	Dimensions, mm, inch							
								1105	1125	2135	525	1105	1125	2135	H13A	1125	2135	H13A	1105	1125	2135	H13A	1105	1125	2135	H13A			2135	AN				
Finishing		H	5.00	0.20	0.20	24.4	N123H2-0500-0002-GF					☆	☆	★		☆	☆	★	☆	★	☆	☆	☆	★	★	☆	☆	☆	★	7°				
			.197	.008	.008	.961						☆	★			☆	★			★			★	☆							7°			
			5.00	0.40	0.40	24.4	N123H2-0500-0004-GF					☆	★			☆	★			★	☆			★	☆							7°		
			.197	.016	.016	.961																												
		J	5.41	0.20	0.20	24.4	N123J2-0541-0002-GF						★				★				★				★							7°		
			.213	.008	.008	.961																												
			5.56	0.50	0.50	24.1	N123J2-0556-0005-GF					☆	★			☆	★			★	☆			★	☆							7°		
			.219	.020	.020	.949																												
		K	6.00	0.20	0.20	24.4	N123K2-0600-0002-GF					☆	☆	★		☆	☆	★	☆	★	☆	☆	☆	☆	★	★	☆	☆	☆	☆	★	7°		
			.236	.008	.008	.961																												
			6.35	0.40	0.40	24.1	N123K2-0635-0004-GF						★				★				★				★								7°	
			.250	.016	.016	.949																												
			6.35	0.50	0.50	24.1	N123K2-0635-0005-GF						★				★		☆		★		★		★	★		☆					7°	
			.250	.020	.020	.949																												
			6.35	0.80	0.80	24.1	N123K2-0635-0008-GF						★				★				★				★			★						7°
			.250	.031	.031	.949																												
			7.14	0.80	0.80	23.8	N123K2-0714-0008-GF						★				★				★				★			★						7°
			.281	.031	.031	.937																												
E		L	7.92	0.80	0.80	29.0	N123L2-0792-0008-GF						★				★				★				★							7°		
			.312	.031	.031	1.142																												
			8.00	0.20	0.20	29.6	N123L2-0800-0002-GF						☆	★			☆	★	☆			☆	☆	☆		★	☆	☆	☆	★		7°		

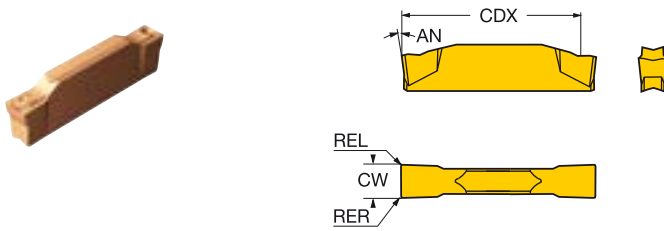
SSC = To correspond with SSC on holder.

N = Neutral

Tolerances:				
	CWTOLL	CWTOLU	RETOLL	RETOLU
N123x2-GF	-0.020	0.020	-0.05	0.05

CoroCut® 1-2 insert for grooving

For circlip grooves



CoroCut® 2-edge

	SSC	CW	REL	RER	CDX	Ordering code	Dimensions, mm, inch									
							P		M		K		N		S	
							1105	1125	1105	1125	1105	1125	1105	1125	1105	1125
Finishing	E	1.85	0.10	0.10	19.3	N123E2-0185-0001-GF	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
		.073	.004	.004	.760											
		2.15	0.10	0.10	19.3	N123E2-0215-0001-GF		☆		☆	☆	☆		☆	☆	☆
		.085	.004	.004	.760											
	F	2.65	0.20	0.20	19.2	N123F2-0265-0002-GF		☆		☆	☆	☆		☆	☆	☆
		.104	.008	.008	.756											
	G	3.15	0.20	0.20	19.2	N123G2-0315-0002-GF		☆		☆	☆	☆		☆	☆	☆
		.124	.008	.008	.756											
	H	4.15	0.20	0.20	24.4	N123H2-0415-0002-GF		☆		☆	☆	☆		☆	☆	☆
		.163	.008	.008	.961											
	J	5.15	0.20	0.20	24.4	N123J2-0515-0002-GF		☆		☆	☆	☆		☆	☆	☆
		.203	.008	.008	.961											
							GB		BN		AN		CWTOLL		CWTOLU	
							25°		0.1		7°		0.090		0.130	
							25°		.004				.0035		.0051	
											7°		0.090		0.130	
													.0035		.0051	
											7°		0.090		0.130	
													.0035		.0051	
											7°		0.090		0.130	
													.0035		.0051	
											7°		0.090		0.130	
													.0035		.0051	

SSC = To correspond with SSC on holder.

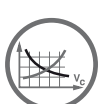
N = Neutral



B4



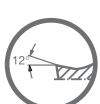
B4



B180



B202



B191



H37

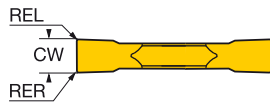
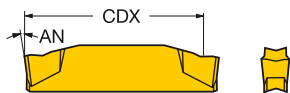


H28



H17

CoroCut® 1-2 insert for grooving



CoroCut® 2-edge

						Ordering code	P				M			K			N			S			Dimensions, mm, inch					
							1125	1145	2135	3115	1125	1145	2135	H13A	1125	2135	3115	4325	H13A	1125	2135	H13A			1125	1145	2135	H13A
							☆	☆	★	☆	☆	☆	★	☆	☆	☆	☆	☆	★	☆	☆	☆			★	☆	☆	☆
Medium	SSC	CW	REL	RER	CDX																		AN					
	E	2.00	0.20	0.20	18.8	N123E2-0200-0002-GM	☆	☆	★	☆	☆	☆	★	☆	☆	☆	☆	☆	☆	★	☆	☆	7°					
		.079	.008	.008	.740																							
		2.39	0.20	0.20	18.4	N123E2-0239-0002-GM	☆		★	☆	☆		★	☆	☆	☆	☆	☆	☆	★		☆	☆	7°				
		.094	.008	.008	.724																							
	G	3.00	0.30	0.30	18.2	N123G2-0300-0003-GM	☆	☆	★	☆	☆	☆	★	☆	☆	☆	☆	☆	☆	★	☆	☆	☆	7°				
		.118	.012	.012	.717																							
		3.18	0.30	0.30	18.0	N123G2-0318-0003-GM	☆	☆	★	☆	☆	☆	★	☆	☆	☆	☆	☆	☆	★	☆	☆	☆	7°				
		.125	.012	.012	.709																							
	H	4.00	0.30	0.30	23.0	N123H2-0400-0003-GM	☆	☆	★	☆	☆	☆	★	☆	☆	☆	☆	☆	☆	★	☆	☆	☆	7°				
		.157	.012	.012	.906																							
	J	4.75	0.30	0.30	22.6	N123J2-0475-0003-GM	☆		★	☆	☆	☆	★	☆	☆	☆	☆	☆	☆	★	☆		☆	7°				
		.187	.012	.012	.890																							
		5.00	0.40	0.40	22.9	N123J2-0500-0004-GM	☆	☆	★	☆	☆	☆	★	☆	☆	☆	☆	☆	☆	★	☆	☆	☆	7°				
		.197	.016	.016	.902																							
	K	6.00	0.40	0.40	22.7	N123K2-0600-0004-GM	☆	☆	★	☆	☆	☆	★	☆	☆	☆	☆	☆	☆	★	☆	☆	☆	7°				
		.236	.016	.016	.894																							
		6.35	0.25	0.25	22.6	N123K2-0635-0003-GM	☆		★	☆	☆		★	☆	☆	☆	☆	★	☆		★	☆		7°				
		.250	.010	.010	.890																							
	L	7.92	0.30	0.30	28.7	N123L2-0792-0003-GM	★				★				☆			★	★			★		7°				
		.312	.012	.012	1.130																							
		8.00	0.50	0.50	28.4	N123L2-0800-0005-GM	☆		★	☆	☆		★	☆	☆	☆	☆	☆	☆	★	★		☆	7°				
		.315	.020	.020	1.118																							
	M	9.05	0.80	0.80	28.0	N123M2-0900-0008-GM	★				★				☆			★	★			★		7°				
		.356	.031	.031	1.102																							
		10.00	0.80	0.80	28.0	N123M2-1000-0008-GM	★				★				☆			★	★			★		7°				
	.394	.031	.031	1.102																								

SSC = To correspond with SSC on holder.

N = Neutral

Tolerances:				
Ordering code	CWTOLL	CWTOLU	RETOLL	RETOLU
N123E2-0200-0002-GM	0.000	0.100	-0.10	0.10
N123E2-0239-0002-GM	-0.050	0.050	-0.10	0.10
N123G2-0300-0003-GM	0.000	0.100	-0.10	0.10
N123G2-0318-0003-GM	-0.050	0.050	-0.10	0.10
N123H2-0400-0003-GM	0.000	0.100	-0.10	0.10
N123J2-0475-0003-GM	-0.050	0.050	-0.10	0.10
N123J2-0500-0004-GM	0.000	0.100	-0.10	0.10
N123K2-0600-0004-GM	0.000	0.100	-0.10	0.10
N123K2-0635-0003-GM	-0.050	0.050	-0.10	0.10
N123L2-0792-0003-GM	-0.050	0.050	-0.10	0.10
N123L2-0800-0005-GM	0.000	0.100	-0.10	0.10
N123M2-0900-0008-GM	-0.100	0.100	-0.10	0.10
N123M2-1000-0008-GM	-0.100	0.100	-0.10	0.10



B4



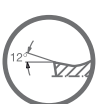
B4



B180



B202



B191



H37

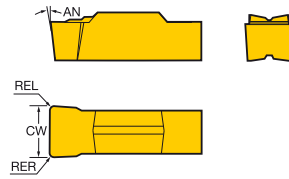
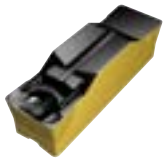


H28

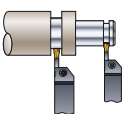
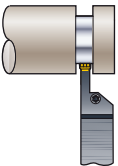


H17

CoroCut® 1-2 insert for grooving



CoroCut® 1-edge

						P				M				K				N				S				Dimensions, mm, inch							
						1105	1125	1145	2135	1105	1125	1145	H13A	1125	2135	4325	H13A	1105	1125	2135	H13A	1105	1125	1145	2135						H13A		
Medium		SSC	CW	REL	RER	Ordering code	☆	★	☆		☆	★	☆		☆	★	☆		☆	☆	☆	★	★	☆	☆	☆	☆	7°	-0.030	0.030	-0.050	0.050	
		M	9.00	0.80	0.80	N123M1-0900-0008-GM																											
			.354	.031	.031																												
			9.53	0.80	0.80	N123M1-0953-0008-GM		★				★			☆	★			★					★				7°	-0.030	0.030	-0.050	0.050	
			.375	.031	.031																												
			10.00	0.80	0.80	N123M1-1000-0008-GM	☆	★	☆		☆	★	☆		☆	★			☆	★			★	★	☆	☆	☆	7°	-0.030	0.030	-0.050	0.050	
			.394	.031	.031																												
			11.00	0.80	0.80	N123M1-1100-0008-GM	☆	★	☆		☆	★	☆		☆	★	☆		☆	☆		★	★	☆	☆	☆	☆	7°	-0.030	0.030	-0.050	0.050	
			.433	.031	.031																												
Roughing		R	12.00	0.80	0.80	N123R1-1200-0008-GM	☆	★			☆	★			☆	★		☆	★		★	★	☆	☆			13°	-0.100	0.100	-0.100	0.100		
			.472	.031	.031																												
			12.70	0.80	0.80	N123R1-1270-0008-GM		★				★			☆	★			★				★				13°	-0.100	0.100	-0.100	0.100		
			.500	.031	.031																												
			15.00	0.80	0.80	N123R1-1500-0008-GM	☆	★			☆	★			☆	★			☆	★		★	★	☆	☆			13°	-0.100	0.100	-0.100	0.100	
			.591	.031	.031																												

SSC = To correspond with SSC on holder.

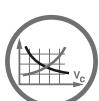
N = Neutral



B4



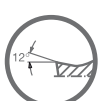
B4



B180



B202



B191



H37



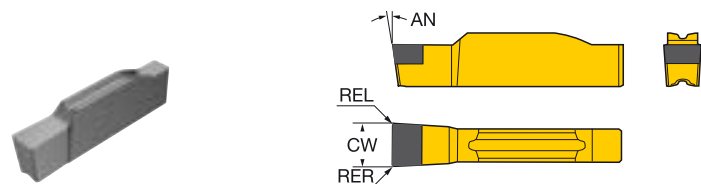
H28



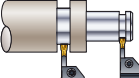
H17

CoroCut® 1-2 insert for grooving

For grooving of hardened materials

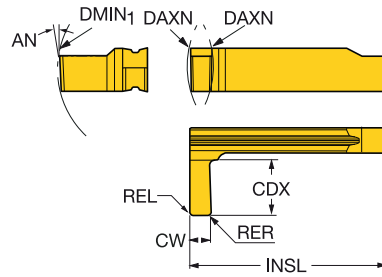


CoroCut® 1-edge

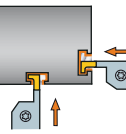
									Dimensions, mm, inch							
							7015	7015								
Finishing		SSC	CW	RE	REL	RER	Ordering code	★	★	GB	BN	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
		G	3.00		0.40	0.40	N123G1-030004S01025	★	★	25°	0.1	7°	-0.020	0.020	-0.050	0.050
			.118		.016	.016				25°	.004		-.0008	.0008	-.0020	.0020
		H	4.00		0.40	0.40	N123H1-040004S01025	★	★	25°	0.1	7°	-0.020	0.020	-0.050	0.050
			.157		.016	.016				25°	.004		-.0008	.0008	-.0020	.0020
			5.00		0.40	0.40	N123H1-050004S01025	★	★	25°	0.1	7°	-0.020	0.020	-0.050	0.050
			.197		.016	.016				25°	.004		-.0008	.0008	-.0020	.0020
		J	6.00		0.40	0.40	N123J1-060004S01025	★	★	25°	0.1	7°	-0.020	0.020	-0.050	0.050
			.236		.016	.016				25°	.004		-.0008	.0008	-.0020	.0020
		L	8.00	0.80	0.80	0.80	N123L1-080008S01025	★	★	25°	0.1	7°	-0.020	0.020	-0.050	0.050
	.315	.031	.031	.031				25°	.004		-.0008	.0008	-.0020	.0020		

SSC = To correspond with SSC on holder. N = Neutral

CoroCut® 1-2 insert for grooving



B

										P	M	Dimensions, mm, inch				
		SSC	CW	REL	RER	CDX	DMIN ₁	DAXIN	Ordering code	1115	1115	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Finishing 	HX	2.00	0.20	0.20	4.0	44.0	100.0	R/LG123H1-0200-0002-GS	★	★	7°	-0.020	0.020	-0.050	0.050	
		.079	.008	.008	.157	1.732	3.937						-.0008	.0008	-.0020	.0020
		3.00	0.20	0.20	5.0	44.0	98.0	R/LG123H1-0300-0002-GS	★	★	7°	-0.020	0.020	-0.050	0.050	
		.118	.008	.008	.197	1.732	3.858						-.0008	.0008	-.0020	.0020
		4.00	0.40	0.40	6.0	44.0	96.0	R/LG123H1-0400-0004-GS	★	★	7°	-0.020	0.020	-0.050	0.050	
		.157	.016	.016	.236	1.732	3.780						-.0008	.0008	-.0020	.0020
	LX	2.00	0.20	0.20	6.0	62.0	143.0	R/LG123L1-0200-0002-GS	★	★	7°	-0.020	0.020	-0.050	0.050	
		.079	.008	.008	.236	2.441	5.630						-.0008	.0008	-.0020	.0020
		3.00	0.20	0.20	9.0	62.0	141.0	R/LG123L1-0300-0002-GS	★	★	7°	-0.020	0.020	-0.050	0.050	
		.118	.008	.008	.354	2.441	5.551						-.0008	.0008	-.0020	.0020
		4.00	0.40	0.40	9.0	62.0	139.0	R/LG123L1-0400-0004-GS	★	★	7°	-0.020	0.020	-0.050	0.050	
		.157	.016	.016	.354	2.441	5.472						-.0008	.0008	-.0020	.0020

C

D

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

E

F

G

H



B4



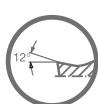
B4



B180



B202



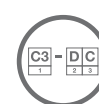
B191



H37



H28



H17

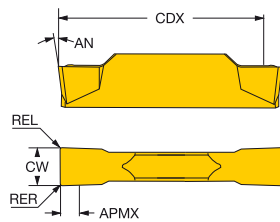
CoroCut® 1-2 insert for turning

B

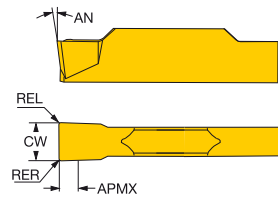


TECHNOLOGY
Wiper

N123x2-TF

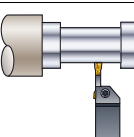


N123x1-TF



C

CoroCut® 1-edge

			SSC CW REL RER APMX					Ordering code	P					M			K			N		S			H	Dimensions, mm, inch				
									1125	1145	2135	3115	4325	1125	1145	2135	H13A	1125	2135	3115	4325	H13A	1125	2135	H13A		1125	2135	H13A	2135
Finishing	G	3.00	0.30	0.30	1.8	N123G1-0300-0003-TF	☆	☆	★	☆	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	☆	★	☆	AN	7°				
		.118	.012	.012	.071																									
	H	4.00	0.40	0.40	2.2	N123H1-0400-0004-TF	☆	☆	★	☆	☆	☆	★	☆	☆	☆	★	☆	☆	☆	★	☆	★	7°						
		.157	.016	.016	.087																									
	K	6.00	0.40	0.40	3.4	N123K1-0600-0004-TF	☆	☆	★	☆	☆	☆	★	☆	☆	☆	★	☆	☆	☆	★	☆	★	7°						
		.236	.016	.016	.134																									

D

CoroCut® 2-edge

		SSC	CW	REL	RER	CDX	APMX	Ordering code	P					M				K				N				S				H	Dimensions, mm, inch
									1105	1125	1145	2135	3115	4325	525	1105	1125	1145	2135	3115	4325	525	1105	1125	1145	2135	3115	4325	525		
									☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆		
Finishing		G	3.00	0.30	0.30	18.5	1.8	N123G2-0300-0003-TF	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	AN	7°
			.118	.012	.012	.728	.071																								
		H	4.00	0.40	0.40	23.3	2.2	N123H2-0400-0004-TF	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	AN	7°
			.157	.016	.016	.917	.087																								
		J	5.00	0.40	0.40	23.3	2.7	N123J2-0500-0004-TF	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	AN	7°
			.197	.016	.016	.917	.106																								
		K	6.00	0.40	0.40	23.3	3.4	N123K2-0600-0004-TF	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	AN	7°
			.236	.016	.016	.917	.134																								
		L	8.00	0.80	0.80	28.0	4.0	N123L2-0800-0008-TF	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	AN	7°
			.315	.031	.031	1.102	.157																								

SSC = To correspond with SSC on holder.

N = Neutral

Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123x1-TF	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039
N123x2-TF	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039

G

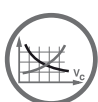
H



B4



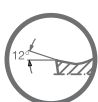
B4



B180



B202



B191



H37

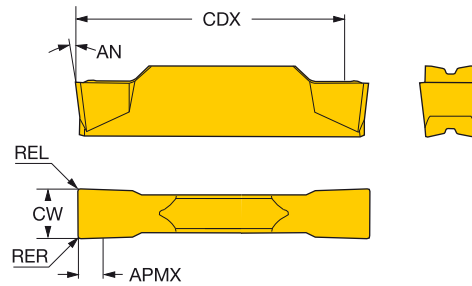


H28

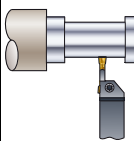


H17

CoroCut® 1-2 insert for turning



CoroCut® 2-edge

									P					M				K				N			S				H	Dimensions, mm, inch
									1105	1125	1145	2135	4325	525	1105	1125	1145	2135	4325	HT3A	1125	2135	3115	4325	HT3A	1105	1125	2135	HT3A	
Medium	G	SSC	CW	REL	RER	CDX	APMX	Ordering code	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°
								N123G2-0300-0004-TM																						
	H							N123H2-0400-0004-TM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	
								N123H2-0400-0008-TM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	
	J							N123J2-0500-0004-TM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°		
								N123J2-0500-0008-TM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°		
	K							N123K2-0600-0004-TM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°		
								N123K2-0600-0008-TM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°		
	L							N123L2-0800-0008-TM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°		
								N123L2-0800-0012-TM	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°		

SSC = To correspond with SSC on holder.

N = Neutral

Tolerances:

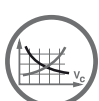
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
N123x2-TM	0.000	0.100	.0000	.0039	-0.10	0.10	-.0039	.0039



B4



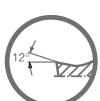
B4



B180



B202



B191



H37



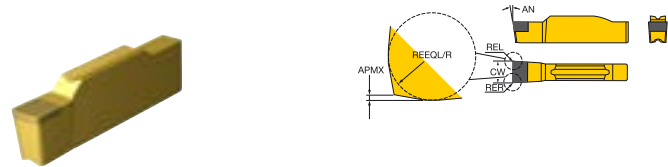
H28



H17

B

CoroCut® 1-2 insert for turning



C

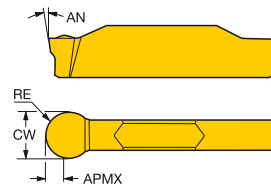
CoroCut® 1-edge

							H		Dimensions, mm, inch							
							7105	7115								

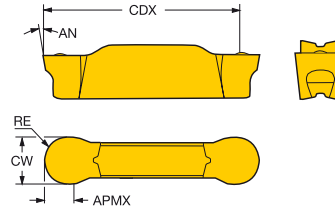
CoroCut® 1-2 insert for profiling



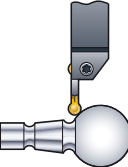
N123x1-RO



N123x2-RO

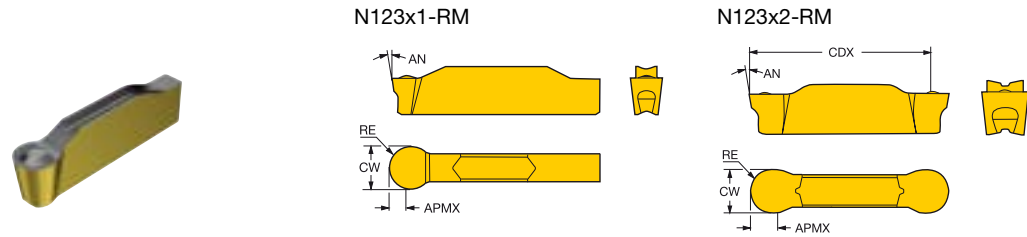


CoroCut® 1-edge

						Dimensions, mm, inch																
						P		M		K	N		S									
						1105	1125	1105	1125	S95F	1105	1125	1105	1125	S95F							
Finishing		SSC	CW	RE	APMX	Ordering code											AN	CWTOLL	CWTOLU	RETOLL	RETOLU	
		F	3.00	1.50	1.3	N123F1-0300-RO	☆	☆						☆	☆	☆	☆	7°	-0.020	0.020	-0.010	0.010
			.118	.059	.051														-.0008	.0008	-.0004	.0004
			3.18	1.59	1.4	N123F1-0318-RO	☆	☆						☆	☆	☆	☆	7°	-0.020	0.020	-0.010	0.010
			.125	.063	.055														-.0008	.0008	-.0004	.0004
		H	4.00	2.00	1.8	N123H1-0400-RO	☆	☆						☆	☆	☆	☆	7°	-0.020	0.020	-0.010	0.010
			.157	.079	.071														-.0008	.0008	-.0004	.0004
			4.75	2.38	2.2	N123H1-0475-RO	☆	☆						☆	☆	☆	☆	7°	-0.020	0.020	-0.010	0.010
			.187	.094	.087														-.0008	.0008	-.0004	.0004
			5.00	2.50	2.3	N123H1-0500-RO	☆	☆						☆	☆	☆	☆	7°	-0.020	0.020	-0.010	0.010
			.197	.098	.091														-.0008	.0008	-.0004	.0004
		J	6.00	3.00	2.8	N123J1-0600-RO	☆	☆						☆	☆	☆	☆	7°	-0.020	0.020	-0.010	0.010
			.236	.118	.110														-.0008	.0008	-.0004	.0004
		L	8.00	4.00	3.8	N123L1-0800-RO		☆						☆		☆	☆	7°	-0.020	0.020	-0.010	0.010
		.315	.157	.150													-.0008	.0008	-.0004	.0004		

CoroCut® 1-2 insert for profiling

B



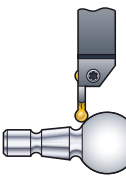
C

CoroCut® 1-edge

							P			M			K			N			S			H	Dimensions, mm, inch							
		SSC	CW	RE	APMX	Ordering code	1125	2135	3115	1125	2135	H13A	1125	2135	3115	4325	H13A	1125	2135	H13A	1125	2135	H13A	2135	AN	CWTOLL	CWTOLU	RETOLL	RETOLU	
Medium		G	4.00	2.00	1.8	N123G1-0400-RM	☆	★		☆	★		☆	☆		★	☆	☆	☆	☆	★	★	☆	☆	7°	0.000	0.100	-0.100	0.100	
			.157	.079	.071																					.0000	.0039	-.0039	.0039	
		J	6.00	3.00	2.8	N123J1-0600-RM	☆	★	☆	☆	★	☆		☆	☆	☆	★	☆	☆	☆	★	★	☆	☆	7°	0.000	0.100	-0.100	0.100	
			.236	.118	.110																						.0000	.0039	-.0039	.0039
		L	8.00	4.00	3.8	N123L1-0800-RM	★			★		☆	☆				★	☆	☆		★	★		☆		7°	0.000	0.100	-0.100	0.100
			.315	.157	.150																							.0000	.0039	-.0039

D

CoroCut® 2-edge

								P			M			K				N			S			H	Dimensions, mm, inch					
								1125	2135	3115	525	1125	2135	H13A	1125	2135	3115	4325	H13A	1125	2135	H13A	1125	2135						H13A
Medium		SSC	CW	RE	CDX	APMX	Ordering code	☆	★	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
		F	3.00	1.50	18.6	1.3	N123F2-0300-RM	☆	★	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	7°	0.000	0.100	-0.100	0.100	
			.118	.059	.732	.051																				.0000	.0039	-.0039	.0039	
			3.18	1.59	18.6	1.4	N123F2-0318-RM	☆	★	☆		☆	★	☆	☆	☆	☆	★	☆	☆	☆	☆	★	☆	7°	-0.050	0.050	-0.100	0.100	
			.125	.063	.732	.055																				-.0020	.0020	-.0039	.0039	
		G	4.00	2.00	18.1	1.8	N123G2-0400-RM	☆	★	☆	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	☆	☆	7°	0.000	0.100	-0.100	0.100	
			.157	.079	.713	.071																				.0000	.0039	-.0039	.0039	
		H	4.00	2.00	23.1	1.8	N123H2-0400-RM	☆	★	☆		☆	★	☆	☆	☆	★	☆	☆	☆	★	☆	☆	★	7°	0.000	0.100	-0.100	0.100	
			.157	.079	.909	.071																				.0000	.0039	-.0039	.0039	
			4.75	2.38	22.9	2.2	N123H2-0475-RM	★		☆		★		☆	☆	☆	★	★		★		★			7°	-0.050	0.050	-0.100	0.100	
			.187	.094	.902	.087																				-.0020	.0020	-.0039	.0039	
			5.00	2.50	22.7	2.3	N123H2-0500-RM	☆	★	☆		☆	★	☆	☆	☆	☆	☆	☆	★	★	☆	☆	★	7°	0.000	0.100	-0.100	0.100	
			.197	.098	.894	.091																				.0000	.0039	-.0039	.0039	
		J	6.00	3.00	22.2	2.8	N123J2-0600-RM	☆	★	☆		☆	★	☆	☆	☆	☆	★	☆	☆	★	★	☆	☆	★	7°	0.000	0.100	-0.100	0.100
			.236	.118	.874	.110																					.0000	.0039	-.0039	.0039
			6.35	3.18	22.0	3.0	N123J2-0635-RM	★		☆		★			☆	☆	★	★		★		★			7°	-0.050	0.050	-0.100	0.100	
			.250	.125	.866	.118																					-.0020	.0020	-.0039	.0039
		L	8.00	4.00	27.0	3.8	N123L2-0800-RM	☆	★	☆		☆	★	☆	☆	☆	☆	★	☆	☆	★	★	☆	☆	★	7°	0.000	0.100	-0.100	0.100
	.315	.157	1.063	.150																					.0000	.0039	-.0039	.0039		

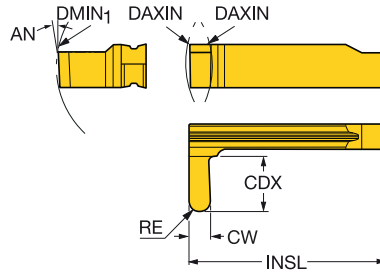
SSC = To correspond with SSC on holder. N = Neutral

G

H



CoroCut® 1-2 insert for profiling



CoroCut® 1-edge

									P	M	S	Dimensions, mm, inch				
		SSC	CW	RE	CDX	DMIN1	DAXIN	APMX	Ordering code			AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Finishing		HX	2.00	1.00	4.0	44.0	100.0	0.8	R/LG123H1-0200-0010-RS			7°	-0.020	0.020	-0.050	0.050
			.079	.039	.157	1.732	3.937	.031					-.0008	.0008	-.0020	.0020
			2.00	1.00	4.0	44.0	100.0	0.8	R/LG123H1-0200-RO			7°	-0.020	0.020	-0.010	0.010
			.079	.039	.157	1.732	3.937	.031					-.0008	.0008	-.0004	.0004
			3.00	1.50	5.0	44.0	98.0	1.3	R/LG123H1-0300-0015-RS			7°	-0.020	0.020	-0.050	0.050
			.118	.059	.197	1.732	3.858	.051					-.0008	.0008	-.0020	.0020
		LX	2.00	1.00	6.0	62.0	143.0	0.3	R/LG123L1-0200-0010-RS			7°	-0.020	0.020	-0.050	0.050
			.079	.039	.236	2.441	5.630	.012					-.0008	.0008	-.0020	.0020
			2.00	1.00	6.5	62.0	143.0	0.8	R/LG123L1-0200-RO			7°	-0.020	0.020	-0.010	0.010
			.079	.039	.256	2.441	5.630	.031					-.0008	.0008	-.0004	.0004
			3.00	1.50	9.0	62.0	141.0	1.3	R/LG123L1-0300-0015-RS			7°	-0.020	0.020	-0.050	0.050
			.118	.059	.354	2.441	5.551	.051					-.0008	.0008	-.0020	.0020
		LX	3.00	1.50	9.5	62.0	141.0	1.3	R/LG123L1-0300-RO			7°	-0.020	0.020	-0.010	0.010
			.118	.059	.374	2.441	5.551	.051					-.0008	.0008	-.0004	.0004
			4.00	2.00	9.0	62.0	139.0	1.8	R/LG123L1-0400-0020-RS			7°	-0.020	0.020	-0.050	0.050
			.157	.079	.354	2.441	5.472	.071					-.0008	.0008	-.0020	.0020

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand



B4



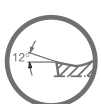
B4



B180



B202



B191



H37



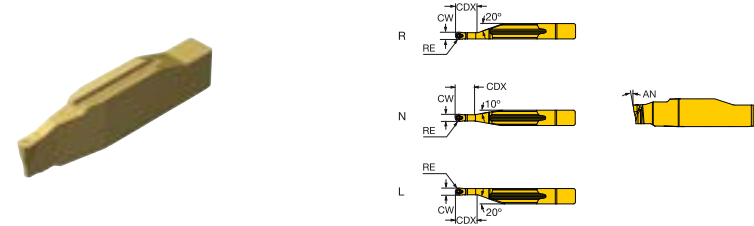
H28



H17

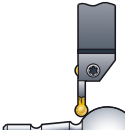
CoroCut® 1-2 insert for profiling

B



CoroCut® 1-edge

C

		SSC CW RE CDX APMX					Ordering code	P		M		K	N		S		Dimensions, mm, inch						
								1105	1125	1105	1125	S05F	1105	1125	1105	1125	S05F	AN	CWTOLL	CWTOLU	RETOLL	RETOLU	
Finishing		HL	2.00	1.00	5.0	0.8	L123H1-0200-RO	☆	★	☆	★	☆	★	☆	★	☆	★	7°	-0.020	0.020	-0.010	0.010	
			.079	.039	.197	.031													-.0008	.0008	-.0004	.0004	
		HL	1.50	0.75	4.0	0.5	L123H1-0150-RO		★	☆	★	☆	★	☆	★	☆	★	7°	-0.020	0.020	-0.010	0.010	
			.059	.030	.157	.020														-.0008	.0008	-.0004	.0004
		HN	2.00	1.00	5.0	0.8	N123H1-0200-RO	☆	★	☆	★	☆	★	☆	★	☆	★	7°	-0.020	0.020	-0.010	0.010	
			.079	.039	.197	.031														-.0008	.0008	-.0004	.0004
		HN	1.50	0.75	4.0	0.5	N123H1-0150-RO		★	☆	★	☆	★	☆	★	☆	★	7°	-0.020	0.020	-0.010	0.010	
			.059	.030	.157	.020														-.0008	.0008	-.0004	.0004
		HR	2.00	1.00	5.0	0.8	R123H1-0200-RO	☆	★	☆	★	☆	★	☆	★	☆	★	7°	-0.020	0.020	-0.010	0.010	
			.079	.039	.197	.031														-.0008	.0008	-.0004	.0004
		HR	1.50	0.75	4.0	0.5	R123H1-0150-RO		★	☆	★	☆	★	☆	★	☆	★	7°	-0.020	0.020	-0.010	0.010	
			.059	.030	.157	.020														-.0008	.0008	-.0004	.0004

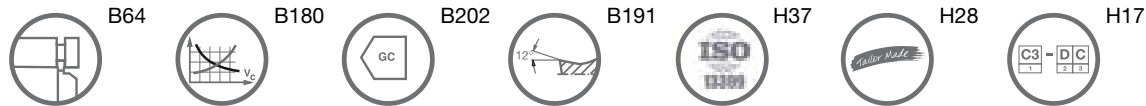
SSC = To correspond with SSC on holder. N = Neutral, R = Right hand, L = Left hand

E

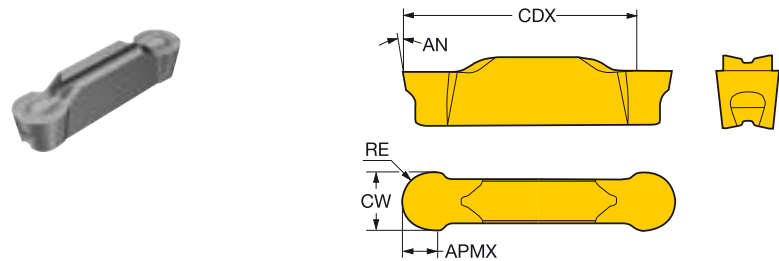
F

G

H



CoroCut® 1-2 insert for profiling
Aluminum profiling



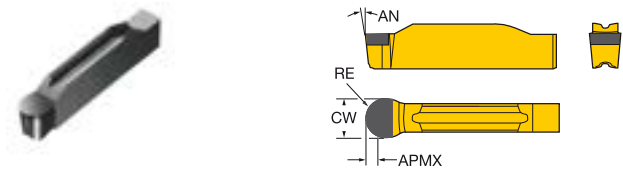
CoroCut® 2-edge

							N	Dimensions, mm, inch					
							H10						
		SSC	CW	RE	CDX	APMX	Ordering code						
Medium		J	6.00	3.00	22.2	2.8	N123J2-0600-AM	★	7°	-0.020	0.020	-0.020	0.020
			.236	.118	.874	.110				-.0008	.0008	-.0008	.0008
		L	8.00	4.00	27.3	3.8	N123L2-0800-AM	★	7°	-0.020	0.020	-0.020	0.020
			.315	.157	1.075	.150				-.0008	.0008	-.0008	.0008

SSC = To correspond with SSC on holder. N = Neutral

CoroCut® 1-2 insert for profiling

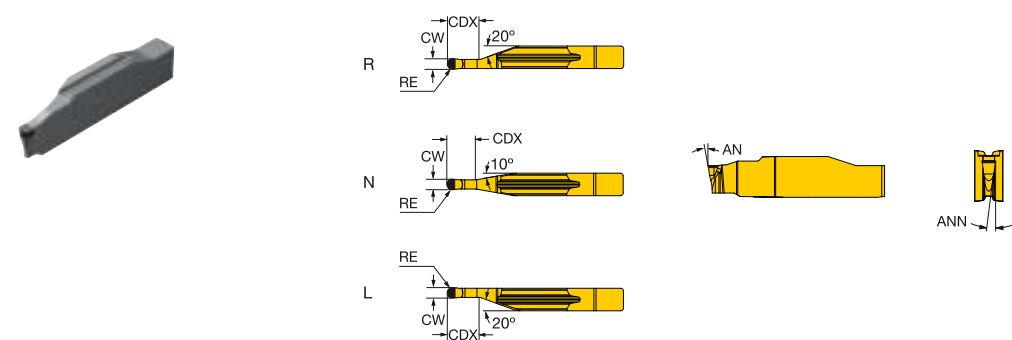
Profiling hardened materials and heat resistant super alloys



CoroCut® 1-edge

		SSC	CW	RE	APMX	Ordering code	S			H			Dimensions, mm, inch				
							7015			7015			AN	CWTOLL	CWTOLU	RETOLL	RETOLU
							★	★	☆	★	★	☆					
Finishing		F	3.00	1.50	0.6	N123F1-0300-RE	★	★	☆	7°	-0.020	0.020	-0.020	0.020			
			.118	.059	.024									-.0008	.0008	-.0008	.0008
			3.18	1.59	0.6	N123F1-0318-RE	★	★		7°	-0.020	0.020	-0.020	0.020			
			.125	.063	.024									-.0008	.0008	-.0008	.0008
		H	4.00	2.00	0.7	N123H1-0400-RE	★	★	☆	7°	-0.020	0.020	-0.020	0.020			
			.157	.079	.026									-.0008	.0008	-.0008	.0008
			5.00	2.50	0.7	N123H1-0500-RE	★	★		7°	-0.020	0.020	-0.020	0.020			
			.197	.098	.028									-.0008	.0008	-.0008	.0008
		J	6.00	3.00	0.8	N123J1-0600-RE	★	★		7°	-0.020	0.020	-0.020	0.020			
			.236	.118	.030									-.0008	.0008	-.0008	.0008
			6.35	3.18	0.8	N123J1-0635-RE	★	★		7°	-0.020	0.020	-0.020	0.020			
			.250	.125	.030									-.0008	.0008	-.0008	.0008
		L	8.00	4.00	0.9	N123L1-0800-RE	★	★		7°	-0.020	0.020	-0.020	0.020			
			.315	.157	.033									-.0008	.0008	-.0008	.0008

SSC = To correspond with SSC on holder. N = Neutral, R = Right hand, L = Left hand



CoroCut® 1-edge

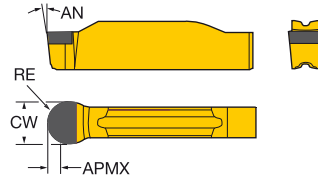
		SSC	CW	RE	CDX	APMX	Ordering code	S			H			Dimensions, mm, inch				
								7015			7015			AN	CWTOLL	CWTOLU	RETOLL	RETOLU
								★	★	☆	★	★	☆					
Finishing		HL	2.00	1.00	5.0	0.5	L123H1-0200-RE	★	★		7°	-0.020	0.020	-0.010	0.010			
			.079	.039	.197	.020								-.0008	.0008	-.0004	.0004	
		HN	2.00	1.00	5.0	0.5	N123H1-0200-RE	★	★	☆	7°	-0.020	0.020	-0.010	0.010			
			.079	.039	.197	.020								-.0008	.0008	-.0004	.0004	
		HR	2.00	1.00	5.0	0.5	R123H1-0200-RE	★	★		7°	-0.020	0.020	-0.010	0.010			
			.079	.039	.197	.020								-.0008	.0008	-.0004	.0004	

SSC = To correspond with SSC on holder. N = Neutral, R = Right hand, L = Left hand

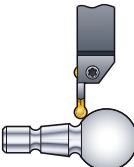


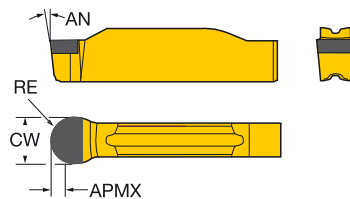
CoroCut® 1-2 insert for profiling

Profiling non-ferrous and hardened materials



CoroCut® 1-edge

							N	S	H	Dimensions, mm, inch							
		SSC	CW	RE	APMX	Ordering code	CD10	7015	7015	GB	BN	AN	CWTOLL	CWTOLU	RETOLL	RETOLU	
Finishing		F	3.00	1.50	1.3	N123F1-0300-RS	★					7°	-0.020	0.020	-0.020	0.020	
			.118	.059	.051									-.0008	.0008	-.0008	.0008
		3.00	1.50	2.5	N123F1-0300S01025		★	★	25°	0.1	7°	-0.020	0.020	-0.020	0.020		
			.118	.059	.098					25°	.004		-.0008	.0008	-.0008	.0008	
		H	4.00	2.00	1.8	N123H1-0400-RS	★					7°	-0.020	0.020	-0.020	0.020	
			.157	.079	.071								-.0008	.0008	-.0008	.0008	
		4.00	2.00	3.4	N123H1-0400S01025		★	★	25°	0.1	7°	-0.020	0.020	-0.020	0.020		
			.157	.079	.134					25°	.004		-.0008	.0008	-.0008	.0008	
		5.00	2.50	2.3	N123H1-0500-RS	★					7°	-0.020	0.020	-0.020	0.020		
			.197	.098	.091								-.0008	.0008	-.0008	.0008	
		5.00	2.50	4.5	N123H1-0500S01025		★	★	25°	0.1	7°	-0.020	0.020	-0.020	0.020		
			.197	.098	.177					25°	.004		-.0008	.0008	-.0008	.0008	
		J	6.00	3.00	2.8	N123J1-0600-RS	★					7°	-0.020	0.020	-0.020	0.020	
			.236	.118	.110								-.0008	.0008	-.0008	.0008	
		6.00	3.00	5.3	N123J1-0600S01025		★	★	25°	0.1	7°	-0.020	0.020	-0.020	0.020		
			.236	.118	.209					25°	.004		-.0008	.0008	-.0008	.0008	
		L	8.00	4.00	3.8	N123L1-0800-RS	★					7°	-0.020	0.020	-0.020	0.020	
			.315	.157	.150								-.0008	.0008	-.0008	.0008	



CoroCut® 1-edge

								N	Dimensions, mm, inch				
		SSC	CW	RE	CDX	APMX	Ordering code	CD10	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Finishing		HL	2.00	1.00	5.0	0.8	L123H1-0200-RS	★	7°	-0.020	0.020	-0.010	0.010
			.079	.039	.197	.031				-.0008	.0008	-.0004	.0004
		HR	2.00	1.00	5.0	0.8	R123H1-0200-RS	★	7°	-0.020	0.020	-0.010	0.010
			.079	.039	.197	.031				-.0008	.0008	-.0004	.0004
		HN	2.00	1.00	5.0	0.8	N123H1-0200-RS	★	7°	-0.020	0.020	-0.020	0.020
			.079	.039	.197	.031				-.0008	.0008	-.0008	.0008

SSC = To correspond with SSC on holder.

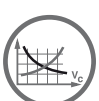
N = Neutral, R = Right hand, L = Left hand



B4



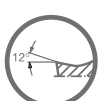
B4



B180



B202



B191



H37



H28

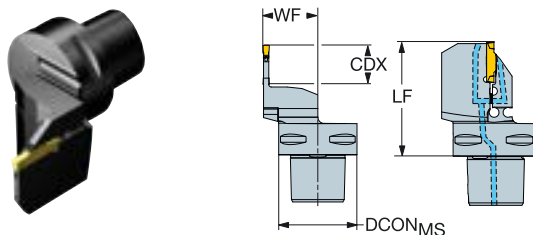


H17

CoroCut® 1-2 cutting unit for parting and grooving

Spring-lock design

Coromant Capto® - Precision coolant supply



C

						Dimensions, mm, inch						MIID
	SSC	CZC _{MS}	CDX	OHX	CNSC	Ordering code	DCON _{MS}	LF	WF	BAR PSI	KG	
	E	C3	15.0	55.0	3	C3-R/LF123E15C22055E	32	55.0	22.0	150	0.37	N123E2-0200-0002-CM
			.591	2.165			1.260	2.165	.866	2175		
		C4	15.0	60.0	3	C4-R/LF123E15C27060E	40	60.0	27.0	150	0.54	N123E2-0200-0002-CM
			.591	2.362			1.575	2.362	1.063	2175		
		C5	15.0	60.0	3	C5-R/LF123E15C35060E	50	60.0	35.0	150	0.77	N123E2-0200-0002-CM
			.591	2.362			1.969	2.362	1.378	2175		
D	F	C3	15.0	55.0	3	C3-R/LF123F15C22055E	32	55.0	22.0	150	0.37	N123F2-0250-0002-CM
			.591	2.165			1.260	2.165	.866	2175		
		C4	15.0	60.0	3	C4-R/LF123F15C27060E	40	60.0	27.0	150	0.55	N123F2-0250-0002-CM
			.591	2.362			1.575	2.362	1.063	2175		
		C5	20.0	65.0	3	C5-R/LF123F20C35065E	50	65.0	35.0	150	0.63	N123F2-0250-0002-CM
			.787	2.559			1.969	2.559	1.378	2175		
	G	C3	15.0	55.0	3	C3-R/LF123G15C22055E	32	55.0	22.0	150	0.38	N123G2-0300-0003-TF
			.591	2.165			1.260	2.165	.866	2175		
		C3	20.0	60.0	3	C3-R/LF123G20C22060E	32	60.0	22.0	150	0.38	N123G2-0300-0003-TF
			.787	2.362			1.260	2.362	.866	2175		
		C4	15.0	60.0	3	C4-R/LF123G15C27060E	40	60.0	27.0	150	0.54	N123G2-0300-0003-TF
			.591	2.362			1.575	2.362	1.063	2175		
E		C4	20.0	65.0	3	C4-R/LF123G20C27065E	40	65.0	27.0	150	0.55	N123G2-0300-0003-TF
			.787	2.559			1.575	2.559	1.063	2175		
		C5	15.0	60.0	3	C5-R/LF123G15C35060E	50	60.0	35.0	150	0.78	N123G2-0300-0003-TF
			.591	2.362			1.969	2.362	1.378	2175		
		C5	20.0	65.0	3	C5-R/LF123G20C35065E	50	65.0	35.0	150	0.78	N123G2-0300-0003-TF
			.787	2.559			1.969	2.559	1.378	2175		
		C6	15.0	60.0	3	C6-R/LF123G15C45060E	63	60.0	45.0	150	1.17	N123G2-0300-0003-TF
			.591	2.362			2.480	2.362	1.772	2175		
		C6	20.0	65.0	3	C6-R/LF123G20C45065E	63	65.0	45.0	150	1.18	N123G2-0300-0003-TF
			.787	2.559			2.480	2.559	1.772	2175		
	H	C3	20.0	60.0	3	C3-R/LF123H20C22060E	32	60.0	22.0	150	0.38	N123H2-0400-0004-TF
			.787	2.362			1.260	2.362	.866	2175		
F		C4	20.0	65.0	3	C4-R/LF123H20C27065E	40	65.0	27.0	150	0.55	N123H2-0400-0004-TF
			.787	2.559			1.575	2.559	1.063	2175		
		C4	25.0	70.0	3	C4-R/LF123H25C27070E	40	70.0	27.0	150	0.56	N123H2-0400-0004-TF
			.984	2.756			1.575	2.756	1.063	2175		
		C5	25.0	70.0	3	C5-R/LF123H25C35070E	50	70.0	35.0	150	0.80	N123H2-0400-0004-TF
			.984	2.756			1.969	2.756	1.378	2175		
		C6	20.0	65.0	3	C6-R/LF123H20C45065E	63	65.0	45.0	150	1.20	N123H2-0400-0004-TF
			.787	2.559			2.480	2.559	1.772	2175		
		C6	25.0	70.0	3	C6-R/LF123H25C45070E	63	70.0	45.0	150	1.19	N123H2-0400-0004-TF
			.984	2.756			2.480	2.756	1.772	2175		
		C8	25.0	80.0	3	C8-R/LF123H25C51080E	80	80.0	51.0	150	2.27	N123H2-0400-0004-TF
			.984	3.150			3.150	3.150	2.008	2175		
G	J	C4	20.0	65.0	3	C4-R/LF123J20C27065E	40	65.0	27.0	150	0.56	N123J2-0500-0004-TF
			.787	2.559			1.575	2.559	1.063	2175		
		C4	25.0	48.8	3	C4-R/LF123J25C27070E	40	70.0	27.0	150	0.57	N123J2-0500-0004-TF
			.984	1.922			1.575	2.756	1.063	2175		
		C5	25.0	70.0	3	C5-R/LF123J25C35070E	50	70.0	35.0	150	0.80	N123J2-0500-0004-TF
			.984	2.756			1.969	2.756	1.378	2175		
		C6	25.0	70.0	3	C6-R/LF123J25C45070E	63	70.0	45.0	150	1.21	N123J2-0500-0004-TF
			.984	2.756			2.480	2.756	1.772	2175		
		C8	25.0	80.0	3	C8-R/LF123J25C51080E	80	80.0	42.0	150	2.30	N123J2-0500-0004-TF
			.984	3.150			3.150	3.150	1.654	2175		

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com

H



B4



F2



E1



G1



H37



H28



H18



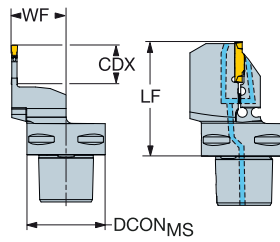
H5

CoroCut® 1-2 cutting unit for parting and grooving

Spring-lock design

Coromant Capto® - Precision coolant supply

B



C

						Dimensions, mm, inch						MIID
	SSC	CZC _{MS}	CDX	OHX	CNSC	Ordering code	DCON _{MS}	LF	WF	BAR PSI	KG	
	K	C4	20.0	65.0	3	C4-R/LF123K20C27065E	40	65.0	27.0	150	0.57	N123K2-0600-0004-TF
			.787	2.559			1.575	2.559	1.063	2175		
		C4	25.0	48.8	3	C4-R/LF123K25C27070E	40	70.0	27.0	150	0.57	N123K2-0600-0004-TF
			.984	1.922			1.575	2.756	1.063	2175		
		C5	25.0	70.0	3	C5-R/LF123K25C35070E	50	70.0	35.0	150	0.81	N123K2-0600-0004-TF
			.984	2.756			1.969	2.756	1.378	2175		
		C6	25.0	70.0	3	C6-R/LF123K25C45070E	63	70.0	45.0	150	1.21	N123K2-0600-0004-TF
			.984	2.756			2.480	2.756	1.772	2175		
		C8	25.0	80.0	3	C8-R/LF123K25C51080E	80	80.0	42.0	150	2.29	N123K2-0600-0004-TF
			.984	3.150			3.150	3.150	1.654	2175		
	L	C5	25.0	70.0	3	C5-R/LF123L25C35070E	50	70.0	35.0	150	0.81	N123L2-0800-0008-TF
			.984	2.756			1.969	2.756	1.378	2175		
		C6	25.0	70.0	3	C6-R/LF123L25C45070E	63	70.0	45.0	150	1.21	N123L2-0800-0008-TF
			.984	2.756			2.480	2.756	1.772	2175		
		C6	32.0	80.0	3	C6-R/LF123L32C45080E	63	80.0	45.0	150	1.28	N123L2-0800-0008-TF
			1.260	3.150			2.480	3.150	1.772	2175		
		C8	32.0	85.0	3	C8-R/LF123L32C51085E	80	85.0	42.0	150	2.28	N123L2-0800-0008-TF
			1.260	3.346			3.150	3.346	1.654	2175		
	M	C6	32.0	80.0	3	C6-R/LF123M32C45080E	63	80.0	45.0	150	1.31	N123M2-1000-0008-GM
			1.260	3.150			2.480	3.150	1.772	2175		
		C8	32.0	85.0	3	C8-R/LF123M32C51085E	80	85.0	42.0	150	2.31	N123M2-1000-0008-GM
			1.260	3.346			3.150	3.346	1.654	2175		

D

E

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com

F

G

H



B4



F2



E1



G1



H37



H28



H18

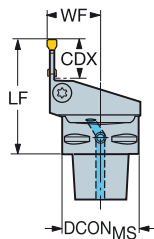


H5

CoroCut® 1-2 cutting unit for parting and grooving

Screw clamp design

Coromant Capto® - Internal coolant supply



C

						Dimensions, mm, inch							
	SSC	CZC _{MS}	CDX	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID	
	D	C3	8.0	3	C3-R/LF123D08-22050B	32	50.0	22.0	10	2.0	0.25	N123D2-0150-0002-CM	
			.315			1.260	1.969	.866	145				
		C3	15.0	3	C3-R/LF123D15-22050B	32	50.0	22.0	10	3.5	0.26	N123D2-0150-0002-CM	
			.591			1.260	1.969	.866	145				
		C4	8.0	3	C4-R/LF123D08-27050B	40	50.0	27.0	10	3.0	0.40	N123D2-0150-0002-CM	
			.315			1.575	1.969	1.063	145				
		C4	15.0	3	C4-R/LF123D15-27055B	40	55.0	27.0	10	3.5	0.45	N123D2-0150-0002-CM	
			.591			1.575	2.165	1.063	145				
		C5	8.0	3	C5-R/LF123D08-35055B	50	55.0	35.0	10	2.0	0.65	N123D2-0150-0002-CM	
			.315			1.969	2.165	1.378	145				
		C5	15.0	3	C5-R/LF123D15-35055B	50	55.0	35.0	10	3.5	0.70	N123D2-0150-0002-CM	
			.591			1.969	2.165	1.378	145				
		E	C3	8.0	3	C3-R/LF123E08-22050B	32	50.0	22.0	10	2.0	0.25	N123E2-0200-0002-CM
			.315			1.260	1.969	.866	145				
		C4	8.0	3	C4-R/LF123E08-27050B	40	50.0	27.0	10	3.7	0.40	N123E2-0200-0002-CM	
			.315			1.575	1.969	1.063	145				
		C5	8.0	3	C5-R/LF123E08-35060B	50	60.0	35.0	10	2.0	0.69	N123E2-0200-0002-CM	
			.315			1.969	2.362	1.378	145				
		F	C3	10.0	3	C3-R/LF123F10-22050B	32	55.0	22.0	10	3.0	0.25	N123F2-0250-0002-CM
			.394			1.260	2.165	.866	145				
		C4	10.0	3	C4-R/LF123F10-27050B	40	50.0	27.0	10	5.0	0.40	N123F2-0250-0002-CM	
			.394			1.575	1.969	1.063	145				
		C5	10.0	3	C5-R/LF123F10-35060B	50	60.0	35.0	10	2.5	0.68	N123F2-0250-0002-CM	
			.394			1.969	2.362	1.378	145				
	G	C3	10.0	3	C3-R/LF123G10-22050B	32	55.0	22.0	10	4.5	0.25	N123G2-0300-0003-TF	
		.394			1.260	2.165	.866	145					
	C4	10.0	3	C4-R/LF123G10-27055B	40	55.0	27.0	10	4.0	0.41	N123G2-0300-0003-TF		
		.394			1.575	2.165	1.063	145					
	C5	10.0	3	C5-R/LF123G10-35060B	50	60.0	35.0	10	4.5	0.69	N123G2-0300-0003-TF		
		.394			1.969	2.362	1.378	145					
	C6	10.0	3	C6-R/LF123G10-45065B	63	65.0	45.0	10	3.0	1.15	N123G2-0300-0003-TF		
		.394			2.480	2.559	1.772	145					
	H	C3	13.0	3	C3-R/LF123H13-22055B	32	60.0	22.0	10	4.5	0.29	N123H2-0400-0004-TF	
		.512			1.260	2.362	.866	145					
	C4	13.0	3	C4-R/LF123H13-27055B	40	55.0	27.0	10	7.5	0.41	N123H2-0400-0004-TF		
		.512			1.575	2.165	1.063	145					
	C5	13.0	3	C5-R/LF123H13-35060B	50	60.0	35.0	10	5.0	0.68	N123H2-0400-0004-TF		
		.512			1.969	2.362	1.378	145					
	C6	13.0	3	C6-R/LF123H13-45065B	63	65.0	45.0	10	4.0	1.14	N123H2-0400-0004-TF		
		.512			2.480	2.559	1.772	145					
	J	C4	13.0	3	C4-R/LF123J13-27055B	40	55.0	27.0	10	7.5	0.41	N123J2-0500-0002-CM	
		.512			1.575	2.165	1.063	145					
	C5	13.0	3	C5-R/LF123J13-35060B	50	60.0	35.0	10	5.0	0.68	N123J2-0500-0002-CM		
		.512			1.969	2.362	1.378	145					
	C6	13.0	3	C6-R/LF123J13-45065B	63	65.0	45.0	10	4.0	1.15	N123J2-0500-0002-CM		
		.512			2.480	2.559	1.772	145					
	C8	13.0	3	C8-R/LF123J13-42080B	80	80.0	42.0	10	3.5	2.29	N123J2-0500-0002-CM		
		.512			3.150	3.150	1.654	145					

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

For the complete list of spare parts, visit www.sandvik.coromant.com

H



B4



F2



E1



G1



H37



H28



H18

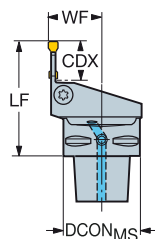


H5

CoroCut® 1-2 cutting unit for parting and grooving

Screw clamp design

Coromant Capto® - Internal coolant supply



B

C

						Dimensions, mm, inch						
	SSC	CZC _{MS}	CDX	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID
	K	C4	16.0 .630	3	C4-R/LF123K16-27060B	40 1.575	60.0 2.362	27.0 1.063	10 145	6.5	0.44	N123K2-0600-0004-TF
		C5	16.0 .630	3	C5-R/LF123K16-35060B	50 1.969	60.0 2.362	35.0 1.378	10 145	7.0	0.68	N123K2-0600-0004-TF
		C6	16.0 .630	3	C6-R/LF123K16-45065B	63 2.480	65.0 2.559	45.0 1.772	10 145	5.2	1.14	N123K2-0600-0004-TF
		C8	16.0 .630	3	C8-R/LF123K16-42080B	80 3.150	80.0 3.150	42.0 1.654	10 145	4.0	2.28	N123K2-0600-0004-TF
	L	C5	13.0 .512	3	C5-R/LF123L13-35060B	50 1.969	60.0 2.362	35.0 1.378	10 145	5.5	0.68	N123L2-0800-0008-TF
		C6	16.0 .630	3	C6-R/LF123L16-45065B	63 2.480	65.0 2.559	45.0 1.772	10 145	5.5	1.13	N123L2-0800-0008-TF
		C8	25.0 .984	3	C8-R/LF123L25-42080B	80 3.150	80.0 3.150	42.0 1.654	10 145	8.0	2.20	N123L2-0800-0008-TF

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

For the complete list of spare parts, visit www.sandvik.coromant.com

D

E

Spare parts		
Ordering code	Screw	Nozzle
C3-R/LF123D08-22050B	3212 012-259	5691 029-01
C3-R/LF123D15-22050B	3212 012-259	5691 029-06
C4-R/LF123D08-27050B	3212 012-259	5691 029-01
C4-R/LF123D15-27055B	3212 012-259	5691 029-01
C5-R/LF123D08-35055B	3212 012-259	5691 029-02
C5-R/LF123D15-35055B	3212 012-259	5691 029-02
C3-R/LF123E08-22050B	3212 012-259	5691 029-01
C4-R/LF123E08-27050B	3212 012-259	5691 029-01
C5-R/LF123E08-35060B	3212 012-259	5691 029-02
C3-R/LF123F10-22050B	3212 012-259	5691 029-01
C4-R/LF123F10-27050B	3212 012-259	5691 029-01
C5-R/LF123F10-35060B	3212 012-259	5691 029-02
C3-R/LF123G10-22050B	3212 012-310	5691 029-01
C4-R/LF123G10-27055B	3212 012-310	5691 029-01
C5-R/LF123G10-35060B	3212 012-310	5691 029-02
C6-R/LF123G10-45065B	3212 012-310	5691 029-02
C3-R/LF123H13-22055B	3212 012-360	5691 029-01
C4-R/LF123H13-27055B	3212 012-360	5691 029-01
C5-R/LF123H13-35060B	3212 012-360	5691 029-02
C6-R/LF123H13-45065B	3212 012-360	5691 029-02
C4-R/LF123J13-27055B	3212 012-360	5691 029-01
C5-R/LF123J13-35060B	3212 012-360	5691 029-02
C6-R/LF123J13-45065B	3212 012-360	5691 029-02
C8-R/LF123J13-42080B	3212 012-360	
C4-R/LF123K16-27060B	3212 012-360	5691 029-01
C5-R/LF123K16-35060B	3212 012-360	5691 029-02
C6-R/LF123K16-45065B	3212 012-360	5691 029-02
C8-R/LF123K16-42080B	3212 012-360	
C5-R/LF123L13-35060B	3212 012-360	5691 029-02
C6-R/LF123L16-45065B	3212 012-360	5691 029-02
C8-R/LF123L25-42080B	3212 012-360	

F

G

H



B4



F2



E1



G1



H37



H28



H18

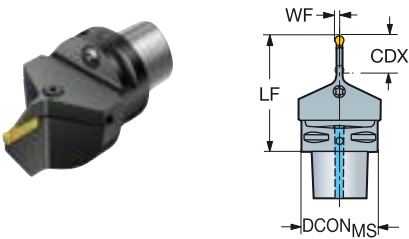


H5

CoroCut® 1-2 cutting unit for parting and grooving

Screw clamp design

Coromant Capto® - Internal coolant supply



C

		Dimensions, mm, inch											
	SSC	CZC _{MS}	CDX	CNSC	Ordering code	DCON _{MS}	LF	WF	BAR PSI	NM	KG	MIID	
	G	C3	20.0	0	C3-NF123G20-00060B	32	60.0	2.0	10	5.0	0.28	N123G2-0400- RM	
			.787			1.260	2.362	.079	145				
		C4	20.0	3	C4-NF123G20-00070B	40	70.0	2.0	10	5.0	0.50	N123G2-0400- RM	
			.787			1.575	2.756	.079	145				
		C5	20.0	3	C5-NF123G20-00070B	50	70.0	2.0	10	5.0	0.77	N123G2-0400- RM	
			.787			1.969	2.756	.079	145				
		C6	20.0	3	C6-NF123G20-00075B	63	75.0	2.0	10	5.0	1.30	N123G2-0400- RM	
			.787			2.480	2.953	.079	145				
	J	C4	25.0	3	C4-NF123J25-00077B	40	77.0	3.0	10	6.0	0.52	N123J2-0500-0004-TF	
			.984			1.575	3.032	.118	145				
		C5	25.0	3	C5-NF123J25-00077B	50	77.0	3.0	10	6.0	0.72	N123J2-0500-0004-TF	
			.984			1.969	3.032	.118	145				
		C6	25.0	3	C6-NF123J25-00082B	63	82.0	3.0	10	6.0	1.41	N123J2-0500-0004-TF	
			.984			2.480	3.228	.118	145				

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

E

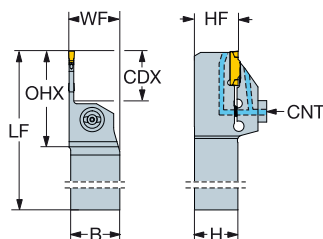
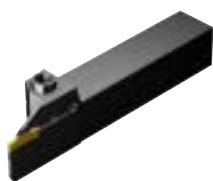
		Spare parts	
SSC	CZC _{MS}	Screw	Nozzle
G	C3-C4	3212 012-310	5691 029-01
G	C5-C6	3212 012-310	5691 029-02
J	C4	3212 012-360	5691 029-01
J	C5-C6	3212 012-360	5691 029-02

For the complete list of spare parts, visit www.sandvik.coromant.com

CoroCut® 1-2 shank tool for parting and grooving

Spring-lock design

Internal coolant supply



B

Metric version

							Dimensions											
	SSC	CZC _{MS}	CDX	OHX	CNSC	Ordering code	B	H	LF	WF	HF	CNT			MIID			
	K	32 x 32	25.0	48.8	2	R/LF123K25C3232E	32.0	32.0	170.0	33.2	32.0	G 1/8-28	150	1.27	N123K2-0600-0004-TF			
	L	32 x 32	32.0	55.4	2	R/LF123L32C3232E	32.0	32.0	170.0	33.2	32.0	G 1/8-28	150	1.23	N123L2-0800-0008-TF			
	M	32 x 32	32.0	56.4	2	R/LF123M32C3232E	32.0	32.0	170.0	33.2	32.0	G 1/8-28	150	1.27	N123M2-1000-0008-GM			

C

Inch version

							Dimensions, inch											
	SSC	CZC _{MS}	CDX	OHX	CNSC	Ordering code	B	H	LF	WF	HF	CNT			MIID			
	K	1 1/4 x 1 1/4	1.000	1.938	2	R/LF123K100C20E	1.250	1.250	6.961	1.277	1.250	G 1/8-28	2175	2.615	N123K2-0600-0004-TF			
L	1 1/4 x 1 1/4	1.250	2.173	2	R/LF123L125C20E	1.250	1.250	6.953	1.318	1.250	G 1/8-28	2175	2.527	N123L2-0800-0008-TF				
M	1 1/4 x 1 1/4	1.250	2.211	2	R/LF123M125C20E	1.250	1.250	6.953	1.318	1.250	G 1/8-28	2175	2.619	N123M2-1000-0008-GM				

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

D

E

F

G

H



B4



F2



E1



G1



H37



H28



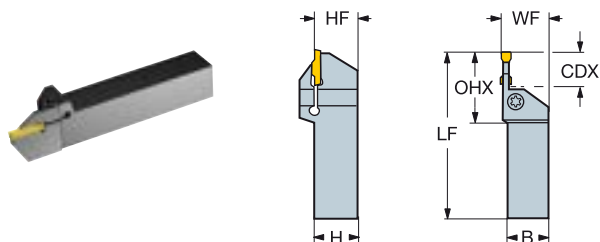
H18



H5

CoroCut® 1-2 shank tool for parting and grooving

Screw clamp design



Metric version

						Dimensions									
	SSC	CZC _{MS}	CDX	OHX	Ordering code	B	H	LF	WF	HF			MIID		
D	16 x 16	8.0	25.5	R/LF123D08-1616B	16.0	16.0	100.0	17.0	16.0	2.5	0.22		N123D2-0150-0002-CM		
	16 x 16	15.0	33.5	R/LF123D15-1616B	16.0	16.0	100.0	17.0	16.0	3.5	0.20		N123D2-0150-0002-CM		
	20 x 20	8.0	25.5	R/LF123D08-2020B	20.0	20.0	125.0	21.0	20.0	2.5	0.40		N123D2-0150-0002-CM		
	20 x 20	15.0	33.5	R/LF123D15-2020B	20.0	20.0	125.0	21.0	20.0	3.5	0.38		N123D2-0150-0002-CM		
	25 x 25	8.0	25.5	R/LF123D08-2525B	25.0	25.0	150.0	26.0	25.0	2.5	0.72		N123D2-0150-0002-CM		
	25 x 25	15.0	33.5	R/LF123D15-2525B	25.0	25.0	150.0	26.0	25.0	3.5	0.72		N123D2-0150-0002-CM		
	E	16 x 16	8.0	25.5	R/LF123E08-1616B	16.0	16.0	125.0	17.0	16.0	2.5	0.26		N123E2-0200-0002-CM	
	16 x 16	15.0	33.5	R/LF123E15-1616B	16.0	16.0	125.0	17.0	16.0	4.0	0.25		N123E2-0200-0002-CM		
	20 x 20	8.0	25.5	R/LF123E08-2020B	20.0	20.0	125.0	21.0	20.0	2.5	0.38		N123E2-0200-0002-CM		
	20 x 20	15.0	33.5	R/LF123E15-2020B	20.0	20.0	125.0	21.0	20.0	4.0	0.36		N123E2-0200-0002-CM		
F	25 x 25	8.0	25.5	R/LF123E08-2525B	25.0	25.0	150.0	26.0	25.0	2.5	0.72		N123E2-0200-0002-CM		
	25 x 25	15.0	33.5	R/LF123E15-2525B	25.0	25.0	150.0	26.0	25.0	4.0	0.69		N123E2-0200-0002-CM		
	F	16 x 16	10.0	29.0	R/LF123F10-1616B	16.0	16.0	125.0	17.0	16.0	3.0	0.26		N123F2-0250-0002-CM	
	16 x 16	20.0	22.4	R/LF123F20-1616B	16.0	16.0	125.0	17.0	16.0	4.0	0.25		N123F2-0250-0002-CM		
	20 x 20	10.0	29.0	R/LF123F10-2020B	20.0	20.0	125.0	21.0	20.0	3.0	0.35		N123F2-0250-0002-CM		
	20 x 20	20.0	22.4	R/LF123F20-2020B	20.0	20.0	125.0	21.0	20.0	4.0	0.36		N123F2-0250-0002-CM		
	25 x 25	10.0	29.0	R/LF123F10-2525B	25.0	25.0	150.0	26.0	25.0	3.0	0.72		N123F2-0250-0002-CM		
	25 x 25	20.0	22.4	R/LF123F20-2525B	25.0	25.0	150.0	26.0	25.0	4.0	0.67		N123F2-0250-0002-CM		
	32 x 25	20.0	40.0	R/LF123F20-3225B	25.0	32.0	170.0	26.0	32.0	4.0	0.99		N123F2-0250-0002-CM		
	G	16 x 16	10.0	22.4	R/LF123G10-1616B	16.0	16.0	125.0	17.0	16.0	3.5	0.26		N123G2-0300-0003-TF	
H	16 x 16	20.0	41.0	R/LF123G20-1616B	16.0	16.0	125.0	17.0	16.0	5.0	0.26		N123G2-0300-0003-TF		
	20 x 20	10.0	22.4	R/LF123G10-2020B	20.0	20.0	125.0	21.0	20.0	3.5	0.40		N123G2-0300-0003-TF		
	20 x 20	20.0	41.0	R/LF123G20-2020B	20.0	20.0	125.0	21.0	20.0	5.0	0.36		N123G2-0300-0003-TF		
	25 x 25	10.0	22.4	R/LF123G10-2525B	25.0	25.0	150.0	26.0	25.0	3.5	0.73		N123G2-0300-0003-TF		
	25 x 25	20.0	41.0	R/LF123G20-2525B	25.0	25.0	150.0	26.0	25.0	5.0	0.68		N123G2-0300-0003-TF		
	32 x 25	10.0	30.0	R/LF123G10-3225B	25.0	32.0	170.0	26.0	32.0	3.5	1.05		N123G2-0300-0003-TF		
	32 x 25	20.0	41.0	R/LF123G20-3225B	25.0	32.0	170.0	26.0	32.0	5.0	0.99		N123G2-0300-0003-TF		
	32 x 32	20.0	41.0	R/LF123G20-3232B	32.0	32.0	170.0	33.0	32.0	5.0	1.24		N123G2-0300-0003-TF		
	H	16 x 16	13.0	34.0	R/LF123H13-1616B	16.0	16.0	125.0	17.0	16.0	4.5	0.21		N123H2-0400-0004-TF	
	16 x 16	25.0	47.0	R/LF123H25-1616B	16.0	16.0	125.0	17.0	16.0	7.0	0.26		N123H2-0400-0004-TF		
I	20 x 20	13.0	34.0	R/LF123H13-2020BM	20.0	20.0	125.0	21.0	20.0	4.5	0.41		N123H2-0400-0004-TF		
	20 x 20	25.0	47.0	R/LF123H25-2020BM	20.0	20.0	125.0	21.0	20.0	7.0	0.39		N123H2-0400-0004-TF		
	25 x 25	13.0	34.0	R/LF123H13-2525BM	25.0	25.0	150.0	26.0	25.0	4.5	0.73		N123H2-0400-0004-TF		
	25 x 25	25.0	47.0	R/LF123H25-2525BM	25.0	25.0	150.0	26.0	25.0	7.0	0.68		N123H2-0400-0004-TF		
	32 x 25	13.0	34.0	R/LF123H13-3225BM	25.0	32.0	170.0	26.0	32.0	4.5	1.05		N123H2-0400-0004-TF		
	32 x 25	25.0	47.0	R/LF123H25-3225BM	25.0	32.0	170.0	26.0	32.0	7.0	0.97		N123H2-0400-0004-TF		
	32 x 32	13.0	34.0	R/LF123H13-3232BM	32.0	32.0	170.0	33.0	32.0	4.5	1.31		N123H2-0400-0004-TF		
	32 x 32	25.0	47.0	R/LF123H25-3232BM	32.0	32.0	170.0	33.0	32.0	7.0	1.22		N123H2-0400-0004-TF		
	J	20 x 20	13.0	34.0	R/LF123J13-2020BM	20.0	20.0	125.0	21.0	20.0	5.0	0.41		N123J2-0500-0002-CM	
	25 x 25	13.0	34.0	R/LF123J13-2525BM	25.0	25.0	150.0	26.0	25.0	5.0	0.73		N123J2-0500-0002-CM		
K	25 x 25	22.0	30.0	R/LF123J22-2525B	25.0	25.0	150.0	26.0	25.0	6.0	0.70		N123J2-0500-0004-TF		
	25 x 25	32.0	57.0	R/LF123J32-2525BM	25.0	25.0	150.0	26.0	25.0	7.5	0.68		N123J2-0500-0002-CM		
	32 x 25	13.0	34.0	R/LF123J13-3225BM	25.0	32.0	170.0	26.0	32.0	5.0	1.05		N123J2-0500-0002-CM		
	32 x 25	32.0	57.0	R/LF123J32-3225BM	25.0	32.0	170.0	26.0	32.0	7.5	0.97		N123J2-0500-0002-CM		
	32 x 32	13.0	34.0	R/LF123J13-3232BM	32.0	32.0	170.0	33.0	32.0	5.0	1.32		N123J2-0500-0002-CM		
	32 x 32	32.0	57.0	R/LF123J32-3232BM	32.0	32.0	170.0	33.0	32.0	7.5	1.21		N123J2-0500-0002-CM		
	K	25 x 25	16.0	39.0	R/LF123K16-2525BM	25.0	25.0	150.0	26.0	25.0	5.5	0.74		N123K2-0600-0004-TF	
	25 x 25	32.0	58.0	R/LF123K32-2525BM	25.0	25.0	150.0	26.0	25.0	7.5	0.69		N123K2-0600-0004-TF		
	32 x 25	16.0	39.0	R/LF123K16-3225BM	25.0	32.0	170.0	26.0	32.0	5.5	1.03		N123K2-0600-0004-TF		
	32 x 25	32.0	58.0	R/LF123K32-3225BM	25.0	32.0	170.0	26.0	32.0	7.5	0.96		N123K2-0600-0004-TF		
L	32 x 32	16.0	39.0	R/LF123K16-3232BM	32.0	32.0	170.0	33.0	32.0	5.5	1.29		N123K2-0600-0004-TF		
	32 x 32	32.0	58.0	R/LF123K32-3232BM	32.0	32.0	170.0	33.0	32.0	7.5	1.21		N123K2-0600-0004-TF		

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand



B4



F2



E1



H37



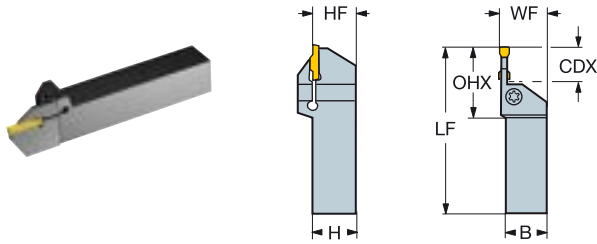
H28



H18

CoroCut® 1-2 shank tool for parting and grooving

Screw clamp design



Metric version

						Dimensions								
	SSC	CZC _{MS}	CDX	OHX	Ordering code	B	H	LF	WF	HF			MIID	
	L	25 x 25	16.0	41.0	R/LF123L16-2525BM	25.0	25.0	150.0	26.0	25.0	6.5	0.74	N123L2-0800-0008-TF	
		25 x 25	25.0	52.0	R/LF123L25-2525BM	25.0	25.0	150.0	26.0	25.0	7.0	0.74	N123L2-0800-0008-TF	
		32 x 25	25.0	52.0	R/LF123L25-3225BM	25.0	32.0	170.0	26.0	32.0	7.0	1.01	N123L2-0800-0008-TF	
		32 x 25	32.0	60.0	R/LF123L32-3225BM	25.0	32.0	170.0	26.0	32.0	7.5	0.97	N123L2-0800-0008-TF	
		32 x 32	32.0	60.0	R/LF123L32-3232BM	32.0	32.0	170.0	33.0	32.0	7.5	1.20	N123L2-0800-0008-TF	
	M	32 x 32	32.0	63.9	R/LF123M32-3232B	32.0	32.0	250.0	34.0	32.0	9.0	2.13	N123M1-1100-0008-GM	
		40 x 40	32.0	63.9	R/LF123M32-4040B	40.0	40.0	250.0	42.0	40.0	9.0	3.14	N123M1-1100-0008-GM	
		40 x 40	50.0	63.9	R/LF123M50-4040B	40.0	40.0	250.0	42.0	40.0	4.5	2.78	N123M1-1100-0008-GM	
	R	32 x 32	32.0	71.3	R/LF123R32-3232B	32.0	32.0	250.0	34.5	32.0	10.0	2.13	N123R1-1500-0010-GR	
		40 x 40	32.0	71.3	R/LF123R32-4040B	40.0	40.0	250.0	42.5	40.0	10.0	3.15	N123R1-1500-0010-GR	
40 x 40		50.0	71.3	R/LF123R50-4040B	40.0	40.0	250.0	42.5	40.0	4.5	2.76	N123R1-1500-0010-GR		

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts			
SSC	CDX	CZC _{MS}	Screw
D,E,F	8-20	16 x 16-32 x 25	3212 012-259
G,H	10-25	16 x 16	3212 012-309
G	10-20	20 x 20-32 x 32	3212 012-310
H,J,K,L	13-16	20 x 20-32 x 32	5512 044-01
J	22	25 x 25	3212 012-360
H,J,K,L,M,R	25-32	20 x 20-40 x 40	5512 044-01
M,R	50	40 x 40	5512 046-01

For the complete list of spare parts, visit www.sandvik.coromant.com

B4



F2



E1



H37



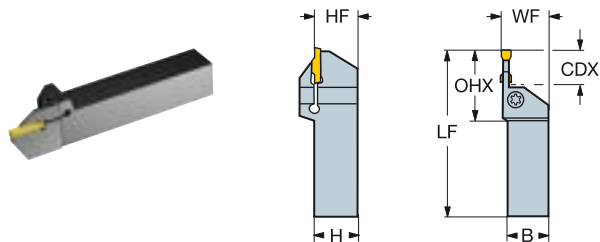
H28



H18

CoroCut® 1-2 shank tool for parting and grooving

Screw clamp design



Inch version

						Dimensions, inch								
	SSC	CZC _{MS}	CDX	OHX	Ordering code	B	H	LF	WF	HF	FT/ LBS	LBS	MIID	
	D	1/2 x 1/2	.320	1.000	LF123D032-08B	.500	.500	4.500	.512	.500	1.8	.441	N123D2-0150-0002-CM	
		5/8 x 5/8	.320	1.000	RF123D032-10B	.625	.625	4.500	.670	.625	1.8	.622	N123D2-0150-0002-CM	
		5/8 x 5/8	.590	1.320	RF123D059-10B	.625	.625	4.500	.670	.625	2.6	.573	N123D2-0150-0002-CM	
		3/4 x 3/4	.320	1.000	R/LF123D032-12B	.750	.750	4.500	.825	.750	1.8	.794	N123D2-0150-0002-CM	
		3/4 x 3/4	.590	1.320	R/LF123D059-12B	.750	.750	4.500	.827	.750	2.6	.765	N123D2-0150-0002-CM	
		1 x 1	.320	1.000	R/LF123D032-16B	1.000	1.000	5.000	1.028	1.000	1.8	1.367	N123D2-0150-0002-CM	
		1 x 1	.590	1.320	R/LF123D059-16B	1.000	1.000	6.000	1.028	1.000	2.6	1.581	N123D2-0150-0002-CM	
	E	1/2 x 1/2	.320	1.004	LF123E032-08B	.500	.500	4.500	.512	.500	1.8	.342	N123E2-0200-0002-CM	
		1/2 x 1/2	.590	1.319	LF123E059-08B	.500	.500	4.500	.512	.500	3.0	.309	N123E2-0200-0002-CM	
		5/8 x 5/8	.320	1.004	R/LF123E032-10B	.625	.625	4.500	.669	.625	1.8	.507	N123E2-0200-0002-CM	
		5/8 x 5/8	.590	1.319	R/LF123E059-10B	.625	.625	4.500	.669	.625	3.0	.485	N123E2-0200-0002-CM	
		3/4 x 3/4	.320	1.004	R/LF123E032-12B	.750	.750	4.500	.827	.750	1.8	.730	N123E2-0200-0002-CM	
		3/4 x 3/4	.590	1.319	R/LF123E059-12B	.750	.750	5.000	.827	.750	3.0	.766	N123E2-0200-0002-CM	
		1 x 1	.320	1.004	R/LF123E032-16B	1.000	1.000	5.000	1.024	1.000	1.8	1.411	N123E2-0200-0002-CM	
		1 x 1	.590	1.319	R/LF123E059-16B	1.000	1.000	6.000	1.024	1.000	3.0	1.576	N123E2-0200-0002-CM	
	F	5/8 x 5/8	.400	1.142	R/LF123F040-10B	.625	.625	4.500	.669	.625	2.2	.496	N123F2-0250-0002-CM	
		5/8 x 5/8	.790	1.575	R/LF123F079-10B	.625	.625	4.500	.669	.625	3.0	.617	N123F2-0250-0002-CM	
		3/4 x 3/4	.400	1.142	R/LF123F040-12B	.750	.750	4.500	.827	.750	2.2	1.058	N123F2-0250-0002-CM	
		3/4 x 3/4	.790	1.575	R/LF123F079-12B	.750	.750	5.000	.827	.750	3.0	1.036	N123F2-0250-0002-CM	
		1 x 1	.400	1.142	R/LF123F040-16B	1.000	1.000	5.000	1.024	1.000	2.2	1.323	N123F2-0250-0002-CM	
		1 x 1	.790	1.575	R/LF123F079-16B	1.000	1.000	6.000	1.024	1.000	3.0	1.594	N123F2-0250-0002-CM	
		1 1/4 x 1 1/4	.400	1.142	R/LF123F040-20B	1.250	1.250	6.000	1.299	1.250	2.2	2.646	N123F2-0250-0002-CM	
		1 1/4 x 1 1/4	.790	1.575	R/LF123F079-20B	1.250	1.250	6.000	1.299	1.250	3.0	2.293	N123F2-0250-0002-CM	
	G	5/8 x 5/8	.394	.880	R/LF123G040-10B	.625	.625	4.500	.669	.625	2.6	.511	N123G2-0300-0003-TF	
		3/4 x 3/4	.400	.880	R/LF123G040-12B	.750	.750	4.500	.827	.750	2.6	.617	N123G2-0300-0003-TF	
		3/4 x 3/4	.790	.880	R/LF123G079-12B	.750	.750	5.000	.827	.750	3.7	.772	N123G2-0300-0003-TF	
		1 x 1	.400	.880	R/LF123G040-16B	1.000	1.000	5.000	1.024	1.000	2.6	1.393	N123G2-0300-0003-TF	
		1 x 1	.790	.880	R/LF123G079-16B	1.000	1.000	6.000	1.024	1.000	3.7	1.455	N123G2-0300-0003-TF	
		1 1/4 x 1 1/4	.400	.880	R/LF123G040-20B	1.250	1.250	6.000	1.299	1.250	2.6	2.513	N123G2-0300-0003-TF	
		1 1/4 x 1 1/4	.790	.880	R/LF123G079-20B	1.250	1.250	6.000	1.299	1.250	3.7	2.337	N123G2-0300-0003-TF	
	H	5/8 x 5/8	.512	1.339	R/LF123H051-10B	.625	.625	4.500	.669	.625	3.3	.504	N123H2-0400-0004-TF	
		3/4 x 3/4	.510	1.338	R/LF123H051-12BM	.750	.750	4.500	.827	.750	3.3	.750	N123H2-0400-0004-TF	
		3/4 x 3/4	.980	1.850	R/LF123H098-12BM	.750	.750	5.000	.827	.750	4.1	.789	N123H2-0400-0004-TF	
		1 x 1	.510	1.338	R/LF123H051-16BM	1.000	1.000	5.000	1.024	1.000	3.7	1.367	N123H2-0400-0004-TF	
		1 x 1	.980	1.850	R/LF123H098-16BM	1.000	1.000	6.000	1.024	1.000	5.2	1.534	N123H2-0400-0004-TF	
		1 1/4 x 1 1/4	.510	1.338	R/LF123H051-20BM	1.250	1.250	6.000	1.299	1.250	3.7	2.530	N123H2-0400-0004-TF	
		1 1/4 x 1 1/4	.980	1.850	R/LF123H098-20BM	1.250	1.250	6.000	1.299	1.250	5.2	2.348	N123H2-0400-0004-TF	
	J	1 x 1	.510	1.338	R/LF123J051-16BM	1.000	1.000	5.000	1.024	1.000	3.7	1.385	N123J2-0500-0002-CM	
		1 x 1	1.260	2.244	R/LF123J126-16BM	1.000	1.000	6.000	1.024	1.000	5.5	1.581	N123J2-0500-0002-CM	
		1 1/4 x 1 1/4	.510	1.338	R/LF123J051-20BM	1.250	1.250	6.000	1.299	1.250	3.7	2.513	N123J2-0500-0002-CM	
		1 1/4 x 1 1/4	1.260	2.244	R/LF123J126-20BM	1.250	1.250	6.000	1.299	1.250	5.5	2.116	N123J2-0500-0002-CM	
		1 1/2 x 1 1/2	1.260	2.244	R/LF123J126-24BM	1.500	1.500	8.000	1.614	1.500	5.5	4.630	N123J2-0500-0002-CM	
	K	1 x 1	.630	1.535	R/LF123K063-16BM	1.000	1.000	5.000	1.024	1.000	4.1	1.380	N123K2-0600-0004-TF	
		1 x 1	1.260	2.283	R/LF123K126-16BM	1.000	1.000	6.000	1.024	1.000	5.5	1.563	N123K2-0600-0004-TF	
		1 1/4 x 1 1/4	.630	1.535	R/LF123K063-20BM	1.250	1.250	6.000	1.299	1.250	4.1	2.504	N123K2-0600-0004-TF	
		1 1/4 x 1 1/4	1.260	2.283	R/LF123K126-20BM	1.250	1.250	6.000	1.299	1.250	5.5	2.249	N123K2-0600-0004-TF	
		1 1/2 x 1 1/2	1.260	2.283	R/LF123K126-24BM	1.500	1.500	8.000	1.614	1.500	5.5	4.586	N123K2-0600-0004-TF	
	L	1 x 1	.630	1.600	R/LF123L063-16BM	1.000	1.000	6.000	1.028	1.000	4.8	1.648	N123L2-0800-0008-TF	
		1 x 1	1.000	2.000	R/LF123L100-16BM	1.000	1.000	6.000	1.028	1.000	5.2	1.579	N123L2-0800-0008-TF	
		1 1/4 x 1 1/4	1.000	2.000	R/LF123L100-20BM	1.250	1.250	6.000	1.300	1.250	5.2	2.293	N123L2-0800-0008-TF	
		1 1/4 x 1 1/4	1.380	2.400	R/LF123L138-20BM	1.250	1.250	7.000	1.300	1.250	5.5	2.778	N123L2-0800-0008-TF	
		1 1/2 x 1 1/2	1.380	2.400	R/LF123L138-24BM	1.500	1.500	8.000	1.614	1.500	5.5	4.630	N123L2-0800-0008-TF	

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand



B4



F2



E1



H37



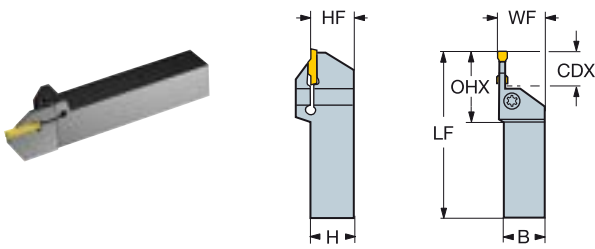
H28



H18

CoroCut® 1-2 shank tool for parting and grooving

Screw clamp design



Inch version

						Dimensions, inch							
	SSC	CZC _{MS}	CDX	OHX	Ordering code	B	H	LF	WF	HF	FT/ LBS	LBS	MIID
	M	1 1/4 x 1 1/4	1.260	2.516	R/LF123M125-20B	1.250	1.250	10.000	1.339	1.250	6.6	4.586	N123M1-1100-0008-GM
		1 1/2 x 1 1/2	1.260	2.516	R/LF123M125-24B	1.500	1.500	10.000	1.583	1.500	6.6	6.173	N123M1-1100-0008-GM
		1 1/2 x 1 1/2	2.000	2.516	R/LF123M200-24B	1.500	1.500	10.000	1.575	1.500	3.3	5.681	N123M1-1100-0008-GM
	R	1 1/4 x 1 1/4	1.260	2.807	R/LF123R125-20B	1.250	1.250	10.000	1.346	1.250	7.4	4.674	N123R1-1500-0010-GR
		1 1/2 x 1 1/2	1.260	2.807	R/LF123R125-24B	1.500	1.500	10.000	1.602	1.500	7.4	6.393	N123R1-1500-0010-GR
		1 1/2 x 1 1/2	2.000	2.807	R/LF123R200-24B	1.500	1.500	10.000	1.598	1.500	3.3	6.085	N123R1-1500-0010-GR

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts		
SSC	CZC _{MS}	Screw
D	1/2 x 1/2	3212 012-257
D	5/8 x 5/8-1 x 1	3212 012-259
E	1/2 x 1/2	3212 012-257
E	5/8 x 5/8-1 x 1	3212 012-259
F	5/8 x 5/8-1 1/4 x 1 1/4	3212 012-259
G	5/8 x 5/8	3212 012-309
G	3/4 x 3/4-1 1/4 x 1 1/4	3212 012-310
H	5/8 x 5/8	3212 012-309
H	3/4 x 3/4-1 1/4 x 1 1/4	5512 044-01
J	1 x 1-1 1/2 x 1 1/2	5512 044-01
K	1 x 1-1 1/2 x 1 1/2	5512 044-01
L	1 x 1-1 1/2 x 1 1/2	5512 044-01
M	1 1/4 x 1 1/4	5512 044-01
M	1 1/2 x 1 1/2	5512 046-01
R	1 1/4 x 1 1/4	5512 044-01
R	1 1/2 x 1 1/2	3212 012-311

For the complete list of spare parts, visit www.sandvik.coromant.com



B4



F2



E1



H37



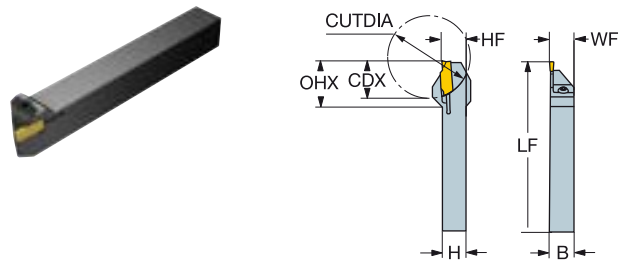
H28



H18

CoroCut® 1-2 shank tool for parting and grooving

Screw clamp design



Metric version

					Ordering code	Dimensions								MIID
	SSC	CZC _{MS}	CDX	OHX		B	H	LF	WF	HF	CUTDIA	NM KG		
	D	16 x 16	8.0	19.6	RF123D08-1616B-S	16.0	16.0	125.0	16.0	16.0	16	2.5	0.26	N123D2-0150-0002-CM
		16 x 16	17.0	28.6	RF123D17-1616B-S	16.0	16.0	125.0	16.0	16.0	34	2.5	0.24	N123D2-0150-0002-CM
	E	16 x 16	17.0	28.6	R/LF123E17-1616B-S	16.0	16.0	125.0	16.0	16.0	34	2.5	0.24	N123E2-0200-0002-CM
		16 x 16	11.0	22.6	RF123E11-1616B-S	16.0	16.0	125.0	16.0	16.0	22	2.5	0.25	N123E2-0200-0002-CM
	F	16 x 16	17.0	28.6	R/LF123F17-1616B-S	16.0	16.0	125.0	16.0	16.0	34	2.5	0.24	N123F2-0250-0002-CM
	G	16 x 16	17.0	28.6	R/LF123G17-1616B-S	16.0	16.0	125.0	16.0	16.0	34	3.0	0.24	N123G2-0300-0003-TF

Inch version



					Ordering code	Dimensions, inch										MIID
	SSC	CZC _{MS}	CDX	OHX		B	H	LF	WF	HF	CUTDIA	FT/LBS	LBS			
	D	5/8 x 5/8	.320	.777	R/LF123D032-10B-S	.625	.625	5.000	.625	.625	.640	1.8	.564	N123D2-0150-0002-CM		
		5/8 x 5/8	.670	1.127	R/LF123D067-10B-S	.625	.625	5.000	.625	.625	1.340	1.8	.529	N123D2-0150-0002-CM		
	E	5/8 x 5/8	.430	.887	R/LF123E043-10B-S	.625	.625	5.000	.625	.625	.860	1.8	.882	N123E2-0200-0002-CM		
		5/8 x 5/8	.670	1.127	R/LF123E067-10B-S	.625	.625	5.000	.625	.625	1.340	1.8	.485	N123E2-0200-0002-CM		
	F	5/8 x 5/8	.670	1.127	R/LF123F067-10B-S	.625	.625	5.000	.625	.625	1.340	1.8	.661	N123F2-0250-0002-CM		
	G	5/8 x 5/8	.670	1.127	R/LF123G067-10B-S	.625	.625	5.000	.625	.625	1.340	2.2	.536	N123G2-0300-0003-TF		

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

E

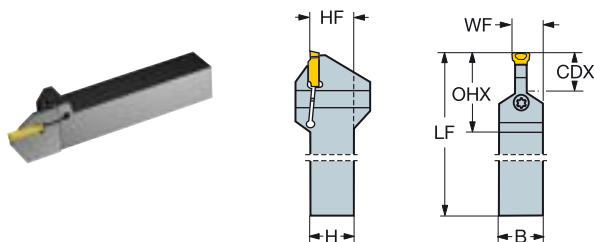
Spare parts
Screw
5513 021-04

F

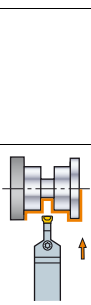
For the complete list of spare parts, visit www.sandvik.coromant.com

CoroCut® 1-2 shank tool for parting and grooving

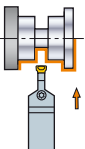
Screw clamp design



Metric version

						Dimensions								
	SSC	CZC _{MS}	CDX	OHX	Ordering code	B	H	LF	WF	HF	NM	KG	MIID	
	M	40 x 40	32.0	63.9	NF123M32-4040B	40.0	40.0	250.0	25.7	40.0	9.0	3.00	N123M1-1100-0008-GM	
	R	40 x 40	32.0	71.3	NF123R32-4040B	40.0	40.0	250.0	27.5	40.0	10.0	3.14	N123R1-1500-0010-GR	

Inch version

					Dimensions, inch										MIID
	SSC	CZC _{MS}	CDX	OHX	Ordering code	B	H	LF	WF	HF					
	M	1 1/2 x 1 1/2	1.260	2.516	NF123M125-24B	1.500	1.500	10.000	.972	1.500	6.6	6.197	N123M1-1100-0008-GM		
	R	1 1/2 x 1 1/2	1.260	2.807	NF123R125-24B	1.500	1.500	10.000	1.043	1.500	7.4	6.129	N123R1-1500-0010-GR		

SSC = To correspond with SSC on insert.

N = Neutral

Spare parts

Screw

5512 044-01

For the complete list of spare parts, visit www.sandvik.coromant.com



B4



F2



E1



H37



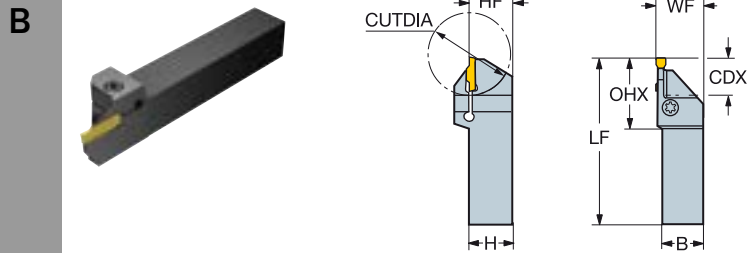
H28



H18

CoroCut® 1-2 shank tool for parting and grooving

Screw clamp design



C Metric version

						Dimensions									
	SSC	CZC _{MS}	CDX	OHX	Ordering code	B	H	LF	WF	HF	CUTDIA			MIID	
	E	20 x 20	17.0	35.5	R/LF123E17-2020D	20.0	20.0	125.0	20.5	20.0	42	4.0	0.40	N123E2-0200-0002-CM	
	F	20 x 20	17.0	22.4	R/LF123F17-2020D	20.0	20.0	125.0	20.5	20.0	42	4.0	0.40	N123F2-0250-0002-CM	
		25 x 25	17.0	22.4	R/LF123F17-2525D	25.0	25.0	150.0	25.5	25.0	42	4.0	0.71	N123F2-0250-0002-CM	
	G	20 x 20	22.0	43.0	R/LF123G22-2020D	20.0	20.0	125.0	20.6	20.0	44	5.0	0.40	N123G2-0300-0003-TF	
		25 x 25	22.0	43.0	R/LF123G22-2525D	25.0	25.0	150.0	25.6	25.0	44	5.0	0.69	N123G2-0300-0003-TF	
	H	20 x 20	22.0	44.0	R/LF123H22-2020D	20.0	20.0	125.0	20.6	20.0	52	6.0	0.40	N123H2-0400-0004-TF	
	25 x 25	22.0	44.0	R/LF123H22-2525D	25.0	25.0	150.0	25.6	25.0	52	6.0	0.71	N123H2-0400-0004-TF		

D Inch version

						Dimensions, inch											
	SSC	CZC _{MS}	CDX	OHX	Ordering code	B	H	LF	WF	HF	CUTDIA			MIID			
	E	3/4 x 3/4	.670	1.398	R/LF123E067-12D	.750	.750	5.000	.770	.750	1.661	3.0	.661	N123E2-0200-0002-CM			
	F	3/4 x 3/4	.670	1.457	R/LF123F067-12D	.750	.750	5.000	.770	.750	1.661	3.0	.617	N123F2-0250-0002-CM			
		1 x 1	.670	1.457	R/LF123F067-16D	1.000	1.000	5.000	1.020	1.000	1.661	3.0	1.647	N123F2-0250-0002-CM			
	G	3/4 x 3/4	.870	.880	R/LF123G087-12D	.750	.750	5.000	.774	.750	1.740	3.7	.529	N123G2-0300-0003-TF			
		1 x 1	.870	.880	R/LF123G087-16D	1.000	1.000	5.000	1.024	1.000	1.740	3.7	1.279	N123G2-0300-0003-TF			
	H	3/4 x 3/4	.870	1.736	R/LF123H087-12D	.750	.750	5.000	.774	.750	2.067	4.4	.818	N123H2-0400-0004-TF			
		1 x 1	.870	1.736	R/LF123H087-16D	1.000	1.000	5.000	1.024	1.000	2.067	4.4	1.102	N123H2-0400-0004-TF			

SSC = To correspond with SSC on insert. R = Right hand, L = Left hand

E Metric version

		Spare parts
SSC	CZC _{MS}	Screw
E	20 x 20	3212 012-259
F	20 x 20-25 x 25	3212 012-259
G	20 x 20-25 x 25	3212 012-310
H	20 x 20-25 x 25	5512 044-01

F Inch version

		Spare parts
SSC	CZC _{MS}	Screw
E	3/4 x 3/4	3212 012-259
F	3/4 x 3/4-1 x 1	3212 012-259
G	3/4 x 3/4-1 x 1	3212 012-310
H	3/4 x 3/4-1 x 1	5512 044-01

For the complete list of spare parts, visit www.sandvik.coromant.com

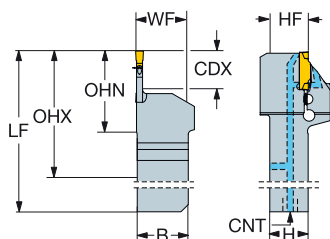
H

B4
 F2
 E1
 H37
 H28
 H18

CoroCut® 1-2 QS shank tool for parting and grooving

Spring-lock design

Precision coolant supply



Metric version

							Dimensions									MIID
	SSC	CZC _{MS}	CDX	OHX	OHN	CNSC	Ordering code	B	H	LF	WF	HF	CNT	BAR	KG	
	E	25 x 25	15.0	57.1	32.1	3	QS-R/LF123E15C2525E	25.0	25.0	116.1	25.5	25.0	G 1/8-28	150	0.55	N123E2-0200-0002-CM
	F	25 x 25	20.0	62.1	37.1	3	QS-R/LF123F20C2525E	25.0	25.0	121.1	25.5	25.0	G 1/8-28	150	0.58	N123F2-0250-0002-CM
	G	20 x 20	15.0	57.7	32.7	3	QS-R/LF123G15C2020E	20.0	20.0	101.7	22.6	20.0	G 1/8-28	150	0.37	N123G2-0300-0003-TF
		25 x 25	15.0	57.1	32.1	3	QS-R/LF123G15C2525E	25.0	25.0	116.1	25.5	25.0	G 1/8-28	150	0.56	N123G2-0300-0003-TF
		25 x 25	20.0	62.1	37.1	3	QS-R/LF123G20C2525E	25.0	25.0	121.1	25.5	25.0	G 1/8-28	150	0.58	N123G2-0300-0003-TF
	H	20 x 20	20.0	62.7	37.7	3	QS-R/LF123H20C2020E	20.0	20.0	106.7	24.0	20.0	G 1/8-28	150	0.39	N123H2-0400-0004-TF
		25 x 25	20.0	61.8	36.8	3	QS-R/LF123H20C2525E	25.0	25.0	120.8	25.5	25.0	G 1/8-28	150	0.59	N123H2-0400-0004-TF
		25 x 25	25.0	66.8	41.8	3	QS-R/LF123H25C2525E	25.0	25.0	125.8	25.5	25.0	G 1/8-28	150	0.60	N123H2-0400-0004-TF
	J	20 x 20	20.0	62.7	37.7	3	QS-R/LF123J20C2020E	20.0	20.0	106.7	24.5	20.0	G 1/8-28	150	0.40	N123J2-0500-0004-TF
		25 x 25	25.0	66.8	41.8	3	QS-R/LF123J25C2525E	25.0	25.0	125.8	25.5	25.0	G 1/8-28	150	0.61	N123J2-0500-0004-TF
	K	25 x 25	25.0	66.8	41.8	3	QS-R/LF123K25C2525E	25.0	25.0	125.8	25.5	25.0	G 1/8-28	150	0.62	N123K2-0600-0004-TF
	L	25 x 25	32.0	73.2	48.2	3	QS-R/LF123L32C2525E	25.0	25.0	132.2	25.5	25.0	G 1/8-28	150	0.65	N123L2-0800-0008-TF
	M	25 x 25	32.0	74.2	49.2	3	QS-R/LF123M32C2525E	25.0	25.0	133.2	26.0	25.0	G 1/8-28	150	0.68	N123M2-1000-0008-GM

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts

Plug	Plug
3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

B4



F2



E1



G1



H37



H28



H18

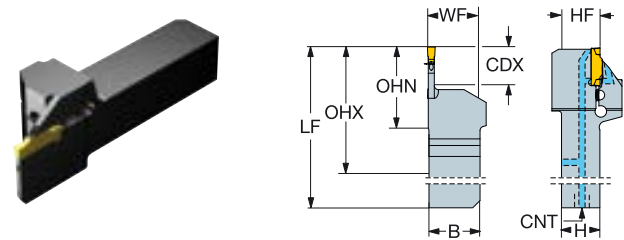


H5

CoroCut® 1-2 QS shank tool for parting and grooving

Spring-lock design

Precision coolant supply



Inch version

							Dimensions, inch											
	SSC	CZC _{MS}	CDX	OHX	OHN	CNSC	Ordering code	B	H	LF	WF	HF	CNT	PSI	LBS	MIID		
	E	1 x 1	.630	2.288	1.303	3	QS-R/LF123E063C16E	1.000	1.000	4.610	1.020	1.000	G 1/8-28	2175	1.041	N123E2-0200-0002-CM		
	F	1 x 1	.800	2.458	1.473	3	QS-R/LF123F080C16E	1.000	1.000	4.780	1.020	1.000	G 1/8-28	2175	1.056	N123F2-0250-0002-CM		
	G	3/4 x 3/4	.630	2.347	1.362	3	QS-R/LF123G063C12E	.750	.750	4.079	.770	.750	G 1/8-28	2175	.794	N123G2-0300-0003-TF		
		1 x 1	.630	2.288	1.303	3	QS-R/LF123G063C16E	1.000	1.000	4.610	1.020	1.000	G 1/8-28	2175	1.063	N123G2-0300-0003-TF		
		1 x 1	.800	2.458	1.473	3	QS-R/LF123G080C16E	1.000	1.000	4.780	1.020	1.000	G 1/8-28	2175	1.069	N123G2-0300-0003-TF		
	H	3/4 x 3/4	.800	2.521	1.537	3	QS-R/LF123H080C12E	.750	.750	4.254	.770	.750	G 1/8-28	2175	.562	N123H2-0400-0004-TF		
		1 x 1	1.000	2.647	1.662	3	QS-R/LF123H100C16E	1.000	1.000	4.969	1.020	1.000	G 1/8-28	2175	1.351	N123H2-0400-0004-TF		
	J	3/4 x 3/4	.800	2.521	1.537	3	QS-R/LF123J080C12E	.750	.750	4.254	.770	.750	G 1/8-28	2175	.573	N123J2-0500-0004-TF		
		1 x 1	1.000	2.647	1.662	3	QS-R/LF123J100C16E	1.000	1.000	4.969	1.020	1.000	G 1/8-28	2175	1.124	N123J2-0500-0004-TF		
	K	1 x 1	1.000	2.647	1.662	3	QS-R/LF123K100C16E	1.000	1.000	4.969	1.020	1.000	G 1/8-28	2175	1.151	N123K2-0600-0004-TF		
	L	1 x 1	1.250	2.874	1.890	3	QS-R/LF123L125C16E	1.000	1.000	5.197	1.020	1.000	G 1/8-28	2175	1.162	N123L2-0800-0008-TF		
	M	1 x 1	1.250	2.913	1.929	3	QS-R/LF123M125C16E	1.000	1.000	5.236	1.039	1.000	G 1/8-28	2175	1.259	N123M2-1000-0008-GM		

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts	
Plug	Plug
3214 013-01	3214 012-01

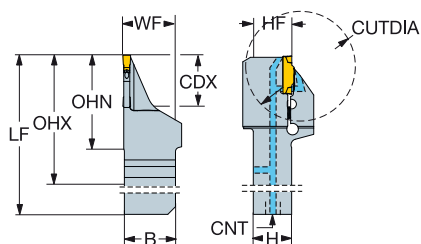
For the complete list of spare parts, visit www.sandvik.coromant.com



CoroCut® 1-2 QS shank tool for parting and grooving

Spring-lock design

Precision coolant supply



B

Metric version

							Dimensions										MID
	SSC	CZC _{MS}	CDX	OHX	OHN	CNSC	Ordering code	B	H	LF	WF	HF	CUTDIA	CNT	(BAR)	(KG)	
	E	20 x 20	20.0	62.7	37.7	3	QS-R/LF123E20C2020F	20.0	20.0	106.7	20.5	20.0	40	G 1/8-28	150	0.38	N123E2-0200-0002-CM
	F	20 x 20	20.0	62.7	37.7	3	QS-R/LF123F20C2020F	20.0	20.0	106.7	20.5	20.0	40	G 1/8-28	150	0.38	N123F2-0250-0002-CM
	G	20 x 20	20.0	62.7	37.7	3	QS-R/LF123G20C2020F	20.0	20.0	106.7	20.5	20.0	40	G 1/8-28	150	0.38	N123G2-0300-0003-TF
	H	20 x 20	25.0	67.7	42.7	3	QS-R/LF123H25C2020F	20.0	20.0	111.7	20.5	20.0	50	G 1/8-28	150	0.40	N123H2-0400-0004-TF

C

Inch version

							Dimensions, inch										MID
	SSC	CZC _{MS}	CDX	OHX	OHN	CNSC	Ordering code	B	H	LF	WF	HF	CUTDIA	CNT	(PSI)	(LBS)	
	E	3/4 x 3/4	.800	2.517	1.532	3	QS-R/LF123E080C12F	.750	.750	4.249	.770	.750	1.600	G 1/8-28	2175	.549	N123E2-0200-0002-CM
	F	3/4 x 3/4	.800	2.517	1.532	3	QS-R/LF123F080C12F	.750	.750	4.249	.770	.750	1.600	G 1/8-28	2175	.556	N123F2-0250-0002-CM
	G	3/4 x 3/4	.800	2.517	1.532	3	QS-R/LF123G080C12F	.750	.750	4.249	.770	.750	1.600	G 1/8-28	2175	.564	N123G2-0300-0003-TF
	H	3/4 x 3/4	1.000	2.721	1.737	3	QS-R/LF123H100C12F	.750	.750	4.454	.770	.750	2.000	G 1/8-28	2175	.589	N123H2-0400-0004-TF

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

D

Spare parts	
Plug	Plug
3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

E

F

G

H



B4



F2



E1



G1



H37



H28



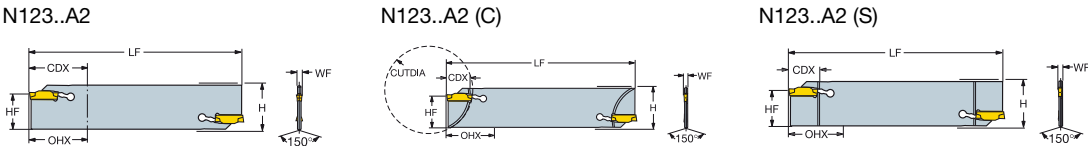
H18



H5

CoroCut® 1-2 blade for parting
Spring-lock design

B



C

Double ended parting blade

						Dimensions, mm, inch						MIID
	SSC	CZC _{MS}	CDX	OHX	Ordering code	H	LF	WF	HF	CUTDIA	KG	
	F	21	30.0	30.0	N123F30-21A2	25.9	110.0	2.3	21.4	0.05		N123F2-0250-0002-CM
			1.181	1.181		1.020	4.331	.089	.843			
		25	55.0	55.0	N123F55-25A2	31.9	150.0	2.3	25.0	0.09		N123F2-0250-0002-CM
			2.165	2.165		1.256	5.906	.089	.984			
	G	21	30.0	30.0	N123G30-21A2	25.9	110.0	2.7	21.4	0.06		N123G2-0300-0003-TF
			1.181	1.181		1.020	4.331	.105	.843			
		25	55.0	55.0	N123G55-25A2	31.9	150.0	2.3	25.0	0.10		N123G2-0300-0003-TF
			2.165	2.165		1.256	5.906	.089	.984			
	H	25	55.0	55.0	N123H55-25A2	31.9	150.0	3.7	25.0	0.13		N123H2-0400-0004-TF
			2.165	2.165		1.256	5.906	.145	.984			
	J	25	55.0	55.0	N123J55-25A2	31.9	150.0	4.8	25.0	0.16		N123J2-0500-0002-CM
			2.165	2.165		1.256	5.906	.187	.984			
	K	25	55.0	55.0	N123K55-25A2	31.9	150.0	5.8	25.0	0.18		N123K2-0600-0004-CR
			2.165	2.165		1.256	5.906	.226	.984			
	D	21	15.0	30.0	N123D15-21A2	25.9	110.0	1.3	21.4	30	0.05	N123D2-0150-0002-CM
			.591	1.181		1.020	4.331	.049	.843	1.181		
E	E	21	15.0	30.0	N123E15-21A2	25.9	110.0	1.8	21.4	30	0.05	N123E2-0200-0002-CM
			.591	1.181		1.020	4.331	.069	.843	1.181		
	D	25	15.0	55.0	N123D15-25A2	31.9	150.0	1.3	25.0	0.08		N123D2-0150-0002-CM
			.591	2.165		1.256	5.906	.049	.984			
	E	25	20.0	55.0	N123E20-25A2	31.9	150.0	1.8	25.0	0.07		N123E2-0200-0002-CM
			.787	2.165		1.256	5.906	.069	.984			

SSC = To correspond with SSC on insert. N = Neutral
For spare parts, visit www.sandvik.coromant.com

F

G

H

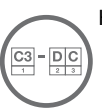
 B4

 F2

 E1

 H37

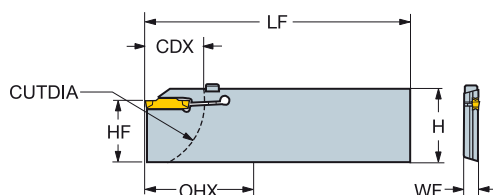
 H28

 H18

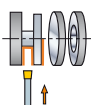


CoroCut® 1-2 blade for parting

Screw clamp design



Single ended parting blade

					Dimensions, mm, inch											
	SSC	CZC _{MS}	CDX	OHX	Ordering code	H	LF	WF	HF	CUTDIA	NM	KG	MIID			
	E	21R	20.0	45.0	R/LF123E20-21B1	25.9	110.0	1.8	21.4	40	3.3	0.17	N123E2-0200-0002-CM			
			.787	1.772		1.020	4.331	.069	.843	1.574						
		25R	25.0	45.0	R/LF123E25-25B1	31.9	150.0	1.8	25.0	50	3.3	0.27	N123E2-0200-0002-CM			
			.984	1.772		1.256	5.906	.069	.984	1.968						
	F	21R	25.0	45.0	R/LF123F25-21B1	25.9	110.0	2.3	21.4	50	3.3	0.17	N123F2-0250-0002-CM			
			.984	1.772		1.020	4.331	.089	.843	1.968						
		25R	25.0	45.0	R/LF123F25-25B1	31.9	150.0	2.3	25.0	50	3.6	0.24	N123F2-0250-0002-CM			
			.984	1.772		1.256	5.906	.089	.984	1.968						
	G	21R	30.0	51.0	R/LF123G30-21B1	25.9	110.0	2.7	21.4	60	4.5	0.17	N123G2-0300-0003-TF			
			1.181	2.008		1.020	4.331	.105	.843	2.362						
		25R	25.0	45.0	R/LF123G25-25B1	31.9	150.0	2.7	25.0	50	4.5	0.28	N123G2-0300-0003-TF			
			.984	1.772		1.256	5.906	.105	.984	1.968						
	H	25R	33.0	54.0	R/LF123G33-25B1	31.9	150.0	2.7	25.0	66	4.5	0.27	N123G2-0300-0003-TF			
			1.299	2.126		1.256	5.906	.105	.984	2.598						
		25R	32.0	51.0	R/LF123H32-25B1	31.9	150.0	3.7	25.0	64	4.9	0.28	N123H2-0400-0004-TF			
			1.260	2.008		1.256	5.906	.145	.984	2.519						

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts
Clamping screw 3212 012-259

For the complete list of spare parts, visit www.sandvik.coromant.com

B4



F2



E1



H37



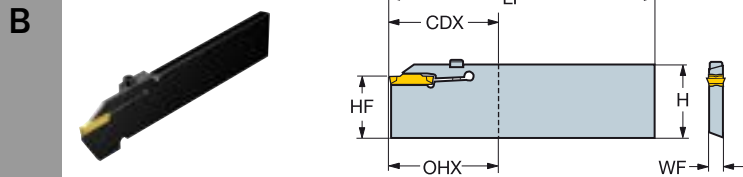
H28



H18

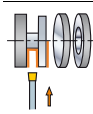
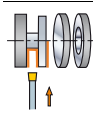
CoroCut® 1-2 blade for parting

Screw clamp design



C

Single ended parting blade

							Dimensions, mm, inch							MIID
	SSC	CZC _{MS}	CDX	OHX	OHN	Ordering code	H	LF	WF	HF				
	M	45R	100.0	100.0	73.0	R/LF123M100-45B1	52.5	250.0	9.6	45.0	4.5	0.90	N123M1-1100-0008-GM	
			3.937	3.937	2.874		2.067	9.843	.379	1.772				
		93R	120.0	120.0	83.0	R/LF123M120-93B1	101.6	300.0	9.6	93.5	4.5	2.34	N123M1-1100-0008-GM	
			4.724	4.724	3.268		4.000	11.811	.379	3.680				
		R	93R	120.0	120.0	83.0	R/LF123R120-93B1	101.6	300.0	13.1	93.5	4.5	2.92	N123R1-1500-0010-GR
			4.724	4.724	3.268		4.000	11.811	.514	3.680				

SSC = To correspond with SSC on insert.

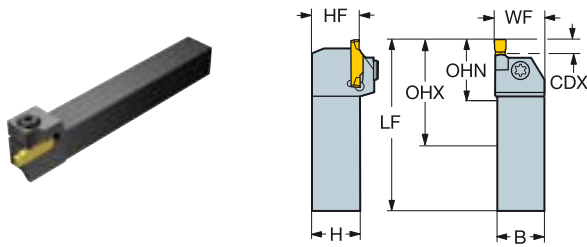
R = Right hand, L = Left hand

		Spare parts
SSC	CZC _{MS}	Clamping screw
M	45L-93R	5512 046-01
R	93L-93R	3212 012-311

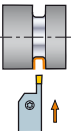
For the complete list of spare parts, visit www.sandvik.coromant.com

CoroCut® 1-2 shank tool for shallow grooving

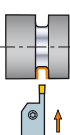
Screw clamp design



Metric version

							Dimensions								
	SSC	CZC _{MS}	CDX ₁	CDX ₂	OHX	OHN	Ordering code	B	H	LF	WF	HF			MIID
	G	16 x 16	7.0	3.5	43.0	27.0	R/LF123G07-1616C	16.0	16.0	125.0	17.0	16.0	3.5	0.27	N123G2-0300-0003-TF
		20 x 20	7.0	3.5	47.0	27.0	R/LF123G07-2020C	20.0	20.0	125.0	21.0	20.0	3.5	0.41	N123G2-0300-0003-TF
		25 x 25	7.0	3.5	52.0	27.0	R/LF123G07-2525C	25.0	25.0	150.0	26.0	25.0	3.5	0.74	N123G2-0300-0003-TF
	K	20 x 20	8.0	4.5	50.0	30.0	R/LF123K08-2020C	20.0	20.0	125.0	21.0	20.0	4.5	0.42	N123K2-0600-0004-TF
		25 x 25	8.0	4.5	55.0	30.0	R/LF123K08-2525CM	25.0	25.0	150.0	26.0	25.0	4.5	0.75	N123K2-0600-0004-TF

Inch version

							Dimensions, inch								
	SSC	CZC _{MS}	CDX ₁	CDX ₂	OHX	OHN	Ordering code	B	H	LF	WF	HF	FT/ LBS	LBS	MIID
	G	5/8 x 5/8	.280	.138	1.693	1.063	R/LF123G028-10C	.625	.625	5.000	.669	.625	3.0	.586	N123G2-0300-0003-TF
		3/4 x 3/4	.280	.138	1.811	1.063	R/LF123G028-12C	.750	.750	5.000	.787	.750	3.0	.882	N123G2-0300-0003-TF
		1 x 1	.280	.138	2.047	1.063	R/LF123G028-16C	1.000	1.000	6.000	1.024	1.000	3.0	1.396	N123G2-0300-0003-TF
	K	3/4 x 3/4	.320	.177	1.929	1.181	R/LF123K032-12C	.750	.750	5.000	.787	.750	4.1	.529	N123K2-0600-0004-TF
		1 x 1	.320	.177	2.165	1.181	R/LF123K032-16CM	1.000	1.000	6.000	1.024	1.000	4.1	1.543	N123K2-0600-0004-TF

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Shallow-grooving holders can take several insert sizes. Holders with SSC G can take inserts E, F, and G. Holders with SSC K can take inserts with SSC H, J, and K.

First cut diameter when face grooving

Holder seat size	Insert seat size	First cut diameter		Max cutting depth		First cut diameters
		Min – Max		mm	inch	
G	E	100 – ∞	3.937 – ∞	3.5	.138	
	F	83 – ∞	3.268 – ∞	3.5	.138	
	G	57 – ∞	2.244 – ∞	3.5	.138	
K	H	46 – ∞	1.811 – ∞	4.5	.177	
	J	46 – ∞	1.811 – ∞	4.5	.177	
	K	46 – ∞	1.811 – ∞	4.5	.177	

Spare parts		
SSC	CZC _{MS}	Screw
G	16 x 16 (5/8 x 5/8)	3212 012-309
G	20 x 20-25 x 25 (3/4 x 3/4-1 x 1)	3212 012-310
K	20 x 20 (3/4 x 3/4)	3212 012-360
K	25 x 25 (1 x 1)	5512 044-01

For the complete list of spare parts, visit www.sandvik.coromant.com



B4



F2



E1



H37



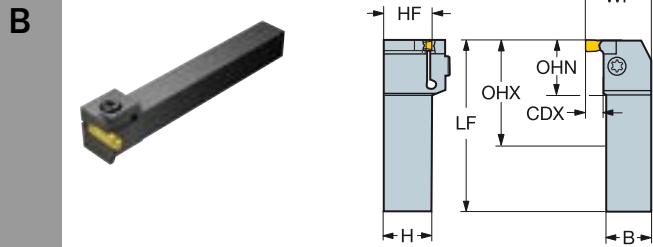
H28



H18

CoroCut® 1-2 shank tool for shallow grooving

Screw clamp design



C

Metric version

								Dimensions								MIID
	SSC	CZC _{MS}	CDX ₁	CDX ₂	OHX	OHN	Ordering code	B	H	LF	WF	HF				
	G	16 x 16	7.0	3.5	39.5	23.5	R/LG123G07-1616C	16.0	16.0	125.0	25.0	16.0	3.5	0.30	N123G2-0300-0003-TF	
		20 x 20	7.0	3.5	43.5	23.5	R/LG123G07-2020C	20.0	20.0	125.0	29.0	20.0	3.5	0.44	N123G2-0300-0003-TF	
		25 x 25	7.0	3.5	48.5	23.5	R/LG123G07-2525C	25.0	25.0	150.0	34.0	25.0	3.5	0.78	N123G2-0300-0003-TF	
	K	20 x 20	8.0	4.5	28.7		R/LG123K08-2020C	20.0	20.0	125.0	30.0	20.0	4.5	0.45	N123K2-0600-0004-TF	
		25 x 25	8.0	4.5	54.0	29.0	R/LG123K08-2525CM	25.0	25.0	150.0	34.0	25.0	4.5	0.80	N123K2-0600-0004-TF	

D

Inch version

							Dimensions, inch										MIID
	SSC	CZC _{MS}	CDX ₁	CDX ₂	OHX	OHN	Ordering code	B	H	LF	WF	HF					
	G	5/8 x 5/8	.280	.138	1.575	.925	R/LG123G028-10C	.625	.625	5.000	.984	.625	2.6	.661	N123G2-0300-0003-TF		
		3/4 x 3/4	.280	.138	1.673	.925	R/LG123G028-12C	.750	.750	5.000	1.142	.750	2.6	.882	N123G2-0300-0003-TF		
		1 x 1	.280	.138	1.929	.925	R/LG123G028-16C	1.000	1.000	6.000	1.339	1.000	2.6	2.205	N123G2-0300-0003-TF		
	K	3/4 x 3/4	.320	.177	1.130		R/LG123K032-12C	.750	.750	5.000	1.142	.750	2.4	.919	N123K2-0600-0004-TF		
		1 x 1	.320	.177	2.126	1.142	R/LG123K032-16CM	1.000	1.000	6.000	1.339	1.000	2.4	1.808	N123K2-0600-0004-TF		

SSC = To correspond with SSC on insert.

Shallow-grooving holders can take several insert sizes. Holders with SSC G can take inserts E, F, and G. Holders with SSC K can take inserts with SSC H, J, and K.

R = Right hand, L = Left hand

For first-cut diameter information, see page B45

		Spare parts
SSC	CZC _{MS}	Screw
G	16 x 16-25 x 25 (5/8 x 5/8-1 x 1)	3212 012-310
K	20 x 20 (3/4 x 3/4)	3212 012-360
K	25 x 25 (1 x 1)	5512 044-01

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



B4



F2



E1



H37



H28



H18

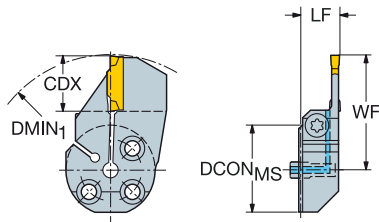
B 46



CoroCut® 1-2 head for grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply



B

C

								Dimensions, mm, inch						
	SSC	CZC _{MS}	CDX	DMIN ₁	OHX	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID
	D	25	12.0 .472	145.0 5.709	13.3 .522		570-25R/L123D12B	25 .984	14.0 .551	30.9 1.215	10 145			N123D2-0150-0002-CM
	32		12.0 .472	145.0 5.709	13.3 .522	1	570-32R/L123D12B	32 1.260	14.0 .551	34.4 1.352	10 145	2.0 0.11		N123D2-0150-0002-CM
	E	25	15.0 .591	139.0 5.472	13.0 .512		570-25R/L123E15B	25 .984	14.0 .551	33.9 1.333	10 145	2.0 0.08		N123E2-0200- GM
	32		15.0 .591	139.0 5.472	13.0 .512	1	570-32R/L123E15B	32 1.260	14.0 .551	37.4 1.470	10 145	2.0 0.11		N123E2-0200- GM
	F	25	15.0 .591	143.0 5.630	12.8 .502		570-25R/L123F15B	25 .984	14.0 .551	33.9 1.333	10 145	2.0 0.08		N123F2-0250- GM
	32		15.0 .591	139.0 5.472	12.8 .502	1	570-32R/L123F15B	32 1.260	14.0 .551	37.4 1.470	10 145	2.0 0.12		N123F2-0250- GM
	G	25	18.0 .709	147.0 5.787	12.5 .492		570-25R/L123G18B	25 .984	14.0 .551	37.6 1.480	10 145	3.0 0.09		N123G2-0300- GM
	32		18.0 .709	147.0 5.787	12.5 .492	1	570-32R/L123G18B	32 1.260	14.0 .551	41.1 1.618	10 145	3.0 0.13		N123G2-0300- GM
	40		18.0 .709	147.0 5.787	12.5 .492	1	570-40R/L123G18B	40 1.575	14.0 .551	45.1 1.776	10 145	3.0 0.17		N123G2-0300- GM
	H	32	23.0 .906	95.0 3.740	16.0 .630		570-32R/L123H23B	32 1.260	18.0 .709	46.1 1.815	10 145	3.0 0.16		N123H2-0400- GM
	40		23.0 .906	95.0 3.740	16.0 .630	1	570-40R/L123H23B	40 1.575	18.0 .709	50.1 1.972	10 145	3.0 0.09		N123H2-0400- GM
	J	32	18.0 .709	95.0 3.740	15.5 .610		570-32R/L123J18B	32 1.260	18.0 .709	41.1 1.618	10 145	4.0 0.14		N123J2-0500- GM
	40		18.0 .709	95.0 3.740	15.5 .610	1	570-40R/L123J18B	40 1.575	18.0 .709	45.1 1.776	10 145	3.0 0.21		N123J2-0500- GM
	K	40	18.0 .709	95.0 3.740	15.0 .591		570-40R/L123K18B	40 1.575	18.0 .709	45.1 1.776	10 145	4.0 0.21		N123K2-0600-GM

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

D

E

F

		Spare parts	
SSC	CZC _{MS}	Screw	Coolant tube
D	25	3212 012-259	5691 041-01
D	32	3212 012-260	5691 041-01
E	25	3212 012-259	5691 041-01
E	32	3212 012-260	5691 041-01
F	25	3212 012-259	5691 041-01
F	32	3212 012-260	5691 041-01
G	25	3212 012-309	5691 041-01
G	32	3212 012-310	5691 041-01
G	40	3212 012-311	5691 041-01
H	32	3212 012-310	5691 041-02
H	40	3212 012-311	5691 041-02
J	32	3212 012-310	5691 041-02
J	40	3212 012-311	5691 041-02
K	40	3212 012-311	5691 041-02

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



B4



F2



H37



H5



H28



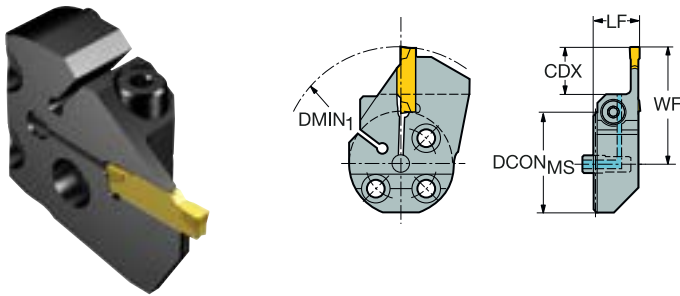
H2

CoroCut® 1-2 head for grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply

B

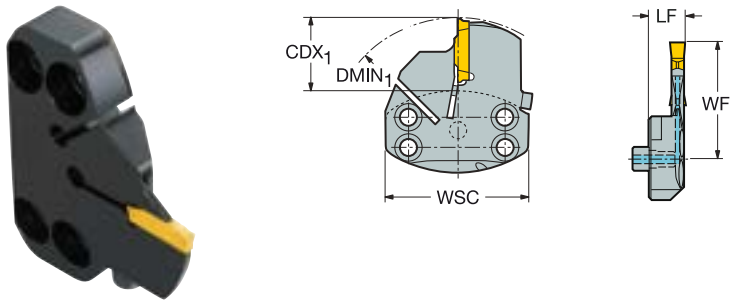


C

							Dimensions, mm, inch						MIID	
	SSC	CZC _{MS}	CDX	DMIN ₁	OHX	CNSC	Ordering code	DCON _{MS}	LF	WF				
	G	25	13.0	147.0	12.5	1	570-25R/L123G13C	25	14.0	32.6	10	3.0	0.08	N123G2-0300-0003-TF
			.512	5.787	.492			.984	.551	1.283	145			
	32		13.0	147.0	12.5	1	570-32R/L123G13C	32	14.0	36.1	10	2.5	0.11	N123G2-0300-0003-TF
			.512	5.787	.492			1.260	.551	1.421	145			
	40		12.0	147.0	12.5	1	570-40R/L123G12C	40	14.0	39.1	10	2.0	0.16	N123G2-0300-0003-TF
			.472	5.787	.492			1.575	.551	1.539	145			
	J	32	18.0	88.0	15.5	1	570-32R/L123J18C	32	14.0	41.1	10	3.0	0.14	N123J2-0500-0002-CM
			.709	3.465	.610			1.260	.551	1.618	145			
	K	40	17.0	92.0	15.0	1	570-40R/L123K17C	40	18.0	44.1	10	2.5	0.21	N123K2-0600-0004-TF
			.669	3.622	.591			1.575	.709	1.736	145			

D

CoroTurn® SL70 – Precision coolant supply



E

								Dimensions, mm, inch							
	SSC	CZC _{MS}	CDX	DMIN ₁	DAXIN	OHX	CNSC	Ordering code	LF	WF	WSC				MIID
	M	70	50.0	100.0	428.0	12.0	1	SL70-R/L123M50A-HP	17.5	71.0	70.0	80	5.0	0.41	N123M1-1100-0008-GM
			1.969	3.937	16.850	.472			.689	2.795	2.756	1160			
	R	70	65.0	125.0	470.0	9.0	1	SL70-R/L123R65A-HP	16.5	71.0	70.0	80	6.5	0.59	N123R1-1500-0010-GR
			2.559	4.921	18.504	.354			.650	2.795	2.756	1160			

F

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

G

Spare parts				
SSC	CZC _{MS}	Screw	Coolant tube	Key
G	25	3212 012-309	5691 041-01	5680 043-15
G	32	3212 012-310	5691 041-01	5680 043-15
G	40	3212 012-311	5691 041-01	5680 043-15
J	32	3212 012-310	5691 041-02	5680 043-15
K	40	3212 012-311	5691 041-02	5680 043-15
M	70	3212 010-314	5691 026-23	5552 058-04
R	70	3212 010-365	5691 026-23	5552 058-04

H

For the complete list of spare parts, visit www.sandvik.coromant.com

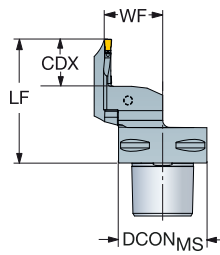
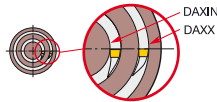


CoroCut® 1-2 cutting unit for face grooving

Spring-lock design

Coromant Capto® - Precision coolant supply

B



C

								Dimensions, mm, inch					
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	CNSC	Ordering code	DCON _{MS}	LF	WF			MIID
	G	C4	20.0	42.0	60.0	3	C4-R/LF123G20CE-042B	40	65.0	27.0	150	0.56	N123G2-0300-0003-TF
			.787	1.654	2.362			1.575	2.559	1.063	2175		
		C4	20.0	54.0	75.0	3	C4-R/LF123G20CE-054B	40	65.0	27.0	150	0.55	N123G2-0300-0003-TF
			.787	2.126	2.953			1.575	2.559	1.063	2175		
		C4	20.0	67.0	100.0	3	C4-R/LF123G20CE-067B	40	65.0	27.0	150	0.55	N123G2-0300-0003-TF
			.787	2.638	3.937			1.575	2.559	1.063	2175		
		C4	20.0	90.0	160.0	3	C4-R/LF123G20CE-090B	40	65.0	27.0	150	0.55	N123G2-0300-0003-TF
			.787	3.543	6.299			1.575	2.559	1.063	2175		
	H	C4	25.0	64.0	100.0	3	C4-R/LF123H25CE-064B	40	70.0	27.0	150	0.56	N123H2-0400-0004-TF
			.984	2.520	3.937			1.575	2.756	1.063	2175		
		C4	25.0	92.0	140.0	3	C4-R/LF123H25CE-092B	40	70.0	27.0	150	0.56	N123H2-0400-0004-TF
			.984	3.622	5.512			1.575	2.756	1.063	2175		
		C4	25.0	132.0	230.0	3	C4-R/LF123H25CE-132B	40	70.0	27.0	150	0.55	N123H2-0400-0004-TF
			.984	5.197	9.055			1.575	2.756	1.063	2175		
		C5	25.0	64.0	100.0	3	C5-R/LF123H25CE-064B	50	70.0	33.0	150	0.79	N123H2-0400-0004-TF
			.984	2.520	3.937			1.969	2.756	1.299	2175		
		C5	25.0	92.0	140.0	3	C5-R/LF123H25CE-092B	50	70.0	33.0	150	0.79	N123H2-0400-0004-TF
			.984	3.622	5.512			1.969	2.756	1.299	2175		
		C5	25.0	132.0	230.0	3	C5-R/LF123H25CE-132B	50	70.0	33.0	150	0.78	N123H2-0400-0004-TF
			.984	5.197	9.055			1.969	2.756	1.299	2175		
		C5	25.0	220.0	500.0	3	C5-R/LF123H25CE-220B	50	70.0	33.0	150	0.78	N123H2-0400-0004-TF
			.984	8.661	19.685			1.969	2.756	1.299	2175		
		C5	25.0	300.0	2000.0	3	C5-R/LF123H25CE-300B	50	70.0	33.0	150	0.78	N123H2-0400-0004-TF
			.984	11.811	78.740			1.969	2.756	1.299	2175		
		C6	25.0	64.0	100.0	3	C6-R/LF123H25CE-064B	63	70.0	39.0	150	1.17	N123H2-0400-0004-TF
			.984	2.520	3.937			2.480	2.756	1.535	2175		
		C6	25.0	92.0	140.0	3	C6-R/LF123H25CE-092B	63	70.0	39.0	150	1.17	N123H2-0400-0004-TF
			.984	3.622	5.512			2.480	2.756	1.535	2175		
	C6	25.0	132.0	230.0	3	C6-R/LF123H25CE-132B	63	70.0	39.0	150	1.16	N123H2-0400-0004-TF	
		.984	5.197	9.055			2.480	2.756	1.535	2175			
	C6	25.0	220.0	500.0	3	C6-R/LF123H25CE-220B	63	70.0	39.0	150	1.16	N123H2-0400-0004-TF	
		.984	8.661	19.685			2.480	2.756	1.535	2175			
	C6	25.0	300.0	2000.0	3	C6-R/LF123H25CE-300B	63	70.0	39.0	150	1.15	N123H2-0400-0004-TF	
		.984	11.811	78.740			2.480	2.756	1.535	2175			

D

E

F

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com

G

H



B4



F2



E1



G1



H37



H28



H18

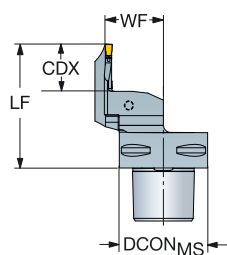
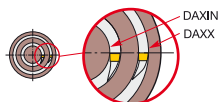


H5

CoroCut® 1-2 cutting unit for face grooving

Spring-lock design

Coromant Capto® - Precision coolant supply



C

								Dimensions, mm, inch						
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	CNSC	Ordering code	DCON _{MS}	LF	WF			MIID	
 	J	C4	20.0	40.0	70.0	3	C4-R/LF123J20CE-040B	40	65.0	27.0	150	0.57	N123J2-0500-0004-TF	
			.787	1.575	2.756			1.575	2.559	1.063	2175			
		C4	25.0	60.0	95.0	3	C4-R/LF123J25CE-060B	40	70.0	27.0	150	0.57	N123J2-0500-0004-TF	
			.984	2.362	3.740			1.575	2.756	1.063	2175			
		C4	25.0	85.0	130.0	3	C4-R/LF123J25CE-085B	40	70.0	27.0	150	0.57	N123J2-0500-0004-TF	
			.984	3.346	5.118			1.575	2.756	1.063	2175			
		C4	25.0	120.0	180.0	3	C4-R/LF123J25CE-120B	40	70.0	27.0	150	0.57	N123J2-0500-0004-TF	
			.984	4.724	7.087			1.575	2.756	1.063	2175			
		C5	20.0	40.0	70.0	3	C5-R/LF123J20CE-040B	50	65.0	33.0	150	0.80	N123J2-0500-0004-TF	
			.787	1.575	2.756			1.969	2.559	1.299	2175			
		C5	25.0	60.0	95.0	3	C5-R/LF123J25CE-060B	50	70.0	33.0	150	0.64	N123J2-0500-0004-TF	
			.984	2.362	3.740			1.969	2.756	1.299	2175			
		C5	25.0	85.0	130.0	3	C5-R/LF123J25CE-085B	50	70.0	33.0	150	0.80	N123J2-0500-0004-TF	
			.984	3.346	5.118			1.969	2.756	1.299	2175			
		C5	25.0	120.0	180.0	3	C5-R/LF123J25CE-120B	50	70.0	33.0	150	0.63	N123J2-0500-0004-TF	
			.984	4.724	7.087			1.969	2.756	1.299	2175			
		C5	25.0	175.0	500.0	3	C5-R/LF123J25CE-175B	50	70.0	33.0	150	0.75	N123J2-0500-0004-TF	
			.984	6.890	19.685			1.969	2.756	1.299	2175			
		C6	20.0	40.0	70.0	3	C6-R/LF123J20CE-040B	63	65.0	39.0	150	1.22	N123J2-0500-0004-TF	
			.787	1.575	2.756			2.480	2.559	1.535	2175			
		C6	25.0	60.0	95.0	3	C6-R/LF123J25CE-060B	63	70.0	39.0	150	1.22	N123J2-0500-0004-TF	
			.984	2.362	3.740			2.480	2.756	1.535	2175			
		C6	25.0	85.0	130.0	3	C6-R/LF123J25CE-085B	63	70.0	39.0	150	1.22	N123J2-0500-0004-TF	
			.984	3.346	5.118			2.480	2.756	1.535	2175			
		C6	25.0	120.0	180.0	3	C6-R/LF123J25CE-120B	63	70.0	39.0	150	1.21	N123J2-0500-0004-TF	
			.984	4.724	7.087			2.480	2.756	1.535	2175			
		C6	25.0	175.0	500.0	3	C6-R/LF123J25CE-175B	63	70.0	39.0	150	1.17	N123J2-0500-0004-TF	
			.984	6.890	19.685			2.480	2.756	1.535	2175			
		K	C5	20.0	40.0	70.0	3	C5-R/LF123K20CE-040B	50	65.0	33.0	150	0.64	N123K2-0600-0004-TF
				.787	1.575	2.756			1.969	2.559	1.299	2175		
		C5	25.0	58.0	100.0	3	C5-R/LF123K25CE-058B	50	70.0	33.0	150	0.81	N123K2-0600-0004-TF	
			.984	2.283	3.937			1.969	2.756	1.299	2175			
		C5	25.0	88.0	180.0	3	C5-R/LF123K25CE-088B	50	70.0	33.0	150	0.63	N123K2-0600-0004-TF	
			.984	3.465	7.087			1.969	2.756	1.299	2175			
		C5	25.0	168.0	400.0	3	C5-R/LF123K25CE-168B	50	70.0	33.0	150	0.76	N123K2-0600-0004-TF	
			.984	6.614	15.748			1.969	2.756	1.299	2175			
	C5	25.0	220.0	1000.0	3	C5-R/LF123K25CE-220B	50	70.0	33.0	150	0.63	N123K2-0600-0004-TF		
		.984	8.661	39.370			1.969	2.756	1.299	2175				
	C6	20.0	40.0	70.0	3	C6-R/LF123K20CE-040B	63	65.0	39.0	150	1.03	N123K2-0600-0004-TF		
		.787	1.575	2.756			2.480	2.559	1.535	2175				
	C6	25.0	58.0	100.0	3	C6-R/LF123K25CE-058B	63	70.0	39.0	150	1.23	N123K2-0600-0004-TF		
		.984	2.283	3.937			2.480	2.756	1.535	2175				
	C6	25.0	88.0	180.0	3	C6-R/LF123K25CE-088B	63	70.0	39.0	150	1.18	N123K2-0600-0004-TF		
		.984	3.465	7.087			2.480	2.756	1.535	2175				
	C6	25.0	168.0	400.0	3	C6-R/LF123K25CE-168B	63	70.0	39.0	150	1.18	N123K2-0600-0004-TF		
		.984	6.614	15.748			2.480	2.756	1.535	2175				
	C6	25.0	220.0	1000.0	3	C6-R/LF123K25CE-220B	63	70.0	39.0	150	1.18	N123K2-0600-0004-TF		
		.984	8.661	39.370			2.480	2.756	1.535	2175				
	L	C6	25.0	50.0	80.0	3	C6-R/LF123L25CE-050B	63	70.0	39.0	150	1.03	N123L2-0800-0008-TF	
			.984	1.969	3.150			2.480	2.756	1.535	2175			
	C6	28.0	75.0	150.0	3	C6-R/LF123L28CE-075B	63	73.0	39.0	150	1.20	N123L2-0800-0008-TF		
			1.102	2.953	5.906			2.480	2.874	1.535	2175			
	C6	28.0	140.0	400.0	3	C6-R/LF123L28CE-140B	63	73.0	39.0	150	1.18	N123L2-0800-0008-TF		
			1.102	5.512	15.748			2.480	2.874	1.535	2175			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com

H



B4



F2



E1



G1



H37



H28



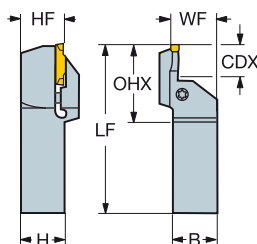
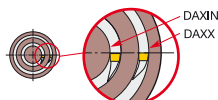
H18



H5

CoroCut® 1-2 shank tool for face grooving

Screw clamp design



Metric version

							Dimensions											
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	Ordering code	B	H	LF	WF	HF			MiID			
	G	20 x 20	12.0	34.0	44.0	32.0	R/LF123G12-2020B-034B	20.0	20.0	125.0	21.0	20.0	2.1	0.41	N123G2-0300-0003-TF			
		20 x 20	12.0	38.0	48.0	32.0	R/LF123G12-2020B-038B	20.0	20.0	125.0	21.0	20.0	2.1	0.40	N123G2-0300-0003-TF			
		20 x 20	13.0	42.0	60.0	33.0	R/LF123G13-2020B-042B	20.0	20.0	125.0	21.0	20.0	2.2	0.40	N123G2-0300-0003-TF			
		20 x 20	13.0	54.0	75.0	33.0	R/LF123G13-2020B-054B	20.0	20.0	125.0	21.0	20.0	2.3	0.40	N123G2-0300-0003-TF			
		20 x 20	13.0	67.0	100.0	33.0	R/LF123G13-2020B-067B	20.0	20.0	125.0	21.0	20.0	2.6	0.40	N123G2-0300-0003-TF			
		20 x 20	13.0	90.0	160.0	33.0	R/LF123G13-2020B-090B	20.0	20.0	125.0	21.0	20.0	2.9	0.40	N123G2-0300-0003-TF			
		20 x 20	13.0	130.0	300.0	33.0	R/LF123G13-2020B-130B	20.0	20.0	125.0	21.0	20.0	3.1	0.40	N123G2-0300-0003-TF			
		25 x 25	12.0	34.0	44.0	32.0	R/LF123G12-2525B-034B	25.0	25.0	150.0	26.0	25.0	2.1	0.73	N123G2-0300-0003-TF			
		25 x 25	12.0	38.0	48.0	32.0	R/LF123G12-2525B-038B	25.0	25.0	150.0	26.0	25.0	2.1	0.73	N123G2-0300-0003-TF			
		20 x 20	13.0	40.0	60.0	34.0	R/LF123H13-2020B-040BM	20.0	20.0	125.0	21.0	20.0	2.8	0.41	N123H2-0400-0004-TF			
		20 x 20	13.0	52.0	72.0	34.0	R/LF123H13-2020B-052BM	20.0	20.0	125.0	21.0	20.0	3.0	0.41	N123H2-0400-0004-TF			
		20 x 20	13.0	64.0	100.0	34.0	R/LF123H13-2020B-064BM	20.0	20.0	125.0	21.0	20.0	3.2	0.41	N123H2-0400-0004-TF			
		20 x 20	13.0	92.0	140.0	34.0	R/LF123H13-2020B-092BM	20.0	20.0	125.0	21.0	20.0	3.7	0.41	N123H2-0400-0004-TF			
		20 x 20	13.0	132.0	230.0	34.0	R/LF123H13-2020B-132BM	20.0	20.0	125.0	21.0	20.0	4.0	0.41	N123H2-0400-0004-TF			
		20 x 20	13.0	220.0	500.0	34.0	R/LF123H13-2020B-220BM	20.0	20.0	125.0	21.0	20.0	4.3	0.41	N123H2-0400-0004-TF			
		25 x 25	13.0	40.0	60.0	34.0	R/LF123H13-2525B-040BM	25.0	25.0	150.0	26.0	25.0	2.8	0.74	N123H2-0400-0004-TF			
		25 x 25	13.0	52.0	72.0	34.0	R/LF123H13-2525B-052BM	25.0	25.0	150.0	26.0	25.0	3.0	0.74	N123H2-0400-0004-TF			
		25 x 25	13.0	64.0	100.0	34.0	R/LF123H13-2525B-064BM	25.0	25.0	150.0	26.0	25.0	3.2	0.73	N123H2-0400-0004-TF			
		25 x 25	13.0	92.0	140.0	34.0	R/LF123H13-2525B-092BM	25.0	25.0	150.0	26.0	25.0	3.7	0.73	N123H2-0400-0004-TF			
		25 x 25	13.0	132.0	230.0	34.0	R/LF123H13-2525B-132BM	25.0	25.0	150.0	26.0	25.0	4.0	0.73	N123H2-0400-0004-TF			
		25 x 25	13.0	220.0	500.0	34.0	R/LF123H13-2525B-220BM	25.0	25.0	150.0	26.0	25.0	4.3	0.73	N123H2-0400-0004-TF			
		25 x 25	13.0	300.0	1100.0	34.0	R/LF123H13-2525B-300BM	25.0	25.0	150.0	26.0	25.0	4.3	0.73	N123H2-0400-0004-TF			
		25 x 25	13.0	40.0	70.0	34.0	R/LF123J13-2525B-040BM	25.0	25.0	150.0	26.0	25.0	2.8	0.73	N123J2-0500-0004-TF			
		25 x 25	13.0	60.0	95.0	34.0	R/LF123J13-2525B-060BM	25.0	25.0	150.0	26.0	25.0	3.2	0.73	N123J2-0500-0004-TF			
		25 x 25	13.0	85.0	130.0	34.0	R/LF123J13-2525B-085BM	25.0	25.0	150.0	26.0	25.0	3.6	0.74	N123J2-0500-0004-TF			
		25 x 25	13.0	120.0	180.0	34.0	R/LF123J13-2525B-120BM	25.0	25.0	150.0	26.0	25.0	4.0	0.74	N123J2-0500-0004-TF			
		25 x 25	13.0	175.0	500.0	34.0	R/LF123J13-2525B-175BM	25.0	25.0	150.0	26.0	25.0	4.0	0.73	N123J2-0500-0004-TF			
		25 x 25	13.0	40.0	70.0	35.0	R/LF123K13-2525B-040BM	25.0	25.0	150.0	26.0	25.0	3.2	0.75	N123K2-0600-0004-TF			
		25 x 25	13.0	58.0	100.0	35.0	R/LF123K13-2525B-058BM	25.0	25.0	150.0	26.0	25.0	3.5	0.73	N123K2-0600-0004-TF			
		25 x 25	13.0	88.0	180.0	35.0	R/LF123K13-2525B-088BM	25.0	25.0	150.0	26.0	25.0	4.1	0.74	N123K2-0600-0004-TF			
		25 x 25	13.0	168.0	400.0	35.0	R/LF123K13-2525B-168BM	25.0	25.0	150.0	26.0	25.0	4.5	0.73	N123K2-0600-0004-TF			
		25 x 25	15.0	75.0	150.0	39.0	R/LF123L15-2525B-075BM	25.0	25.0	150.0	26.0	25.0	4.6	0.72	N123L2-0800-0008-TF			
		25 x 25	15.0	140.0	400.0	39.0	R/LF123L15-2525B-140BM	25.0	25.0	150.0	26.0	25.0	5.3	0.72	N123L2-0800-0008-TF			
		25 x 25	25.0	50.0	80.0	55.0	R/LF123L25-2525B-050BM	25.0	25.0	150.0	26.0	25.0	4.7	0.74	N123L2-0800-0008-TF			
		25 x 25	28.0	75.0	150.0	56.0	R/LF123L28-2525B-075BM	25.0	25.0	150.0	26.0	25.0	5.8	0.73	N123L2-0800-0008-TF			
		25 x 25	28.0	140.0	400.0	56.0	R/LF123L28-2525B-140BM	25.0	25.0	150.0	26.0	25.0	6.7	0.73	N123L2-0800-0008-TF			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

For the complete list of spare parts, visit www.sandvik.coromant.com



B4



F2



E1



H37



H28

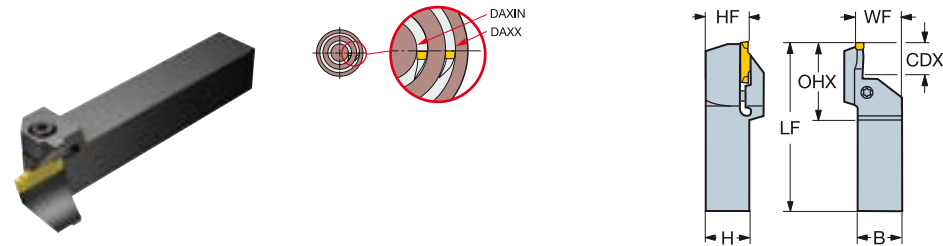


H18

CoroCut® 1-2 shank tool for face grooving

Screw clamp design

B



Inch version

C

							Dimensions, inch									
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	Ordering code	B	H	LF	WF	HF	FT/ LBS	LBS	MID	
	G	3/4 x 3/4	.470	1.496	1.890	1.260	LF123G047-12B-038B	.750	.750	5.000	.827	.750	1.5	.882	N123G2-0300-0003-TF	
		3/4 x 3/4	.470	1.339	1.732	1.260	R/LF123G047-12B-034B	.750	.750	5.000	.827	.750	1.5	.882	N123G2-0300-0003-TF	
		3/4 x 3/4	.500	1.654	2.362	1.287	R/LF123G050-12B-042B	.750	.750	5.000	.827	.750	1.6	.705	N123G2-0300-0003-TF	
		3/4 x 3/4	.500	2.638	3.937	1.287	R/LF123G050-12B-067B	.750	.750	5.000	.827	.750	1.9	.794	N123G2-0300-0003-TF	
		3/4 x 3/4	.500	3.543	6.299	1.287	R/LF123G050-12B-090B	.750	.750	5.000	.827	.750	2.1	.794	N123G2-0300-0003-TF	
		3/4 x 3/4	.500	2.126	2.953	1.287	RF123G050-12B-054B	.750	.750	5.000	.827	.750	1.7	.882	N123G2-0300-0003-TF	
		3/4 x 3/4	.500	5.118	11.811	1.287	RF123G050-12B-130B	.750	.750	5.000	.827	.750	2.3	.794	N123G2-0300-0003-TF	
		1 x 1	.470	1.339	1.732	1.257	R/LF123G047-16B-034B	1.000	1.000	6.000	1.039	1.000	3.0	1.764	N123G2-0300-0003-TF	
		1 x 1	.470	1.496	1.890	1.257	RF123G047-16B-038B	1.000	1.000	6.000	1.039	1.000	3.0	1.702	N123G2-0300-0003-TF	
	H	1 x 1	.500	8.661	19.685	1.327	LF123H050-16B-220BM	1.000	1.000	6.000	1.024	1.000	3.1	1.671	N123H2-0400-0004-TF	
		1 x 1	.500	11.811	43.307	1.327	LF123H050-16B-300BM	1.000	1.000	6.000	1.024	1.000	3.1	3.197	N123H2-0400-0004-TF	
		1 x 1	.500	1.575	2.362	1.327	R/LF123H050-16B-040BM	1.000	1.000	6.000	1.024	1.000	2.1	1.698	N123H2-0400-0004-TF	
		1 x 1	.500	2.047	2.835	1.327	R/LF123H050-16B-052BM	1.000	1.000	6.000	1.024	1.000	2.2	1.698	N123H2-0400-0004-TF	
		1 x 1	.500	2.520	3.937	1.327	R/LF123H050-16B-064BM	1.000	1.000	6.000	1.024	1.000	2.3	3.197	N123H2-0400-0004-TF	
		1 x 1	.500	3.622	5.512	1.327	R/LF123H050-16B-092BM	1.000	1.000	6.000	1.024	1.000	2.7	3.197	N123H2-0400-0004-TF	
		1 x 1	.500	5.197	9.055	1.327	R/LF123H050-16B-132BM	1.000	1.000	6.000	1.024	1.000	2.9	3.086	N123H2-0400-0004-TF	
	J	1 x 1	.500	1.575	2.756	1.327	R/LF123J050-16B-040BM	1.000	1.000	6.000	1.024	1.000	2.1	1.671	N123J2-0500-0004-TF	
		1 x 1	.500	2.362	3.740	1.327	R/LF123J050-16B-060BM	1.000	1.000	6.000	1.024	1.000	2.4	1.631	N123J2-0500-0004-TF	
		1 x 1	.500	3.346	5.118	1.327	RF123J050-16B-085BM	1.000	1.000	6.000	1.024	1.000	2.7	1.676	N123J2-0500-0004-TF	
		1 x 1	.500	4.724	7.087	1.327	RF123J050-16B-120BM	1.000	1.000	6.000	1.024	1.000	3.0	1.543	N123J2-0500-0004-TF	
		1 x 1	.500	6.890	19.685	1.327	RF123J050-16B-175BM	1.000	1.000	6.000	1.024	1.000	3.0	1.676	N123J2-0500-0004-TF	
	K	1 x 1	.500	3.465	7.087	1.366	LF123K050-16B-088BM	1.000	1.000	6.000	1.024	1.000	3.0	1.587	N123K2-0600-0004-TF	
		1 x 1	.500	8.661	38.583	1.366	LF123K050-16B-220BM	1.000	1.000	6.000	1.024	1.000	3.5	1.684	N123K2-0600-0004-TF	
		1 x 1	1.000	6.614	15.748	1.945	LF123K100-16B-168BM	1.000	1.000	6.000	1.039	1.000	3.7	1.562	N123K2-0600-0004-TF	
		1 x 1	.500	2.283	3.937	1.366	R/LF123K050-16B-058BM	1.000	1.000	6.000	1.024	1.000	2.6	1.631	N123K2-0600-0004-TF	

SSC = To correspond with SSC on insert. R = Right hand, L = Left hand

F

Spare parts	
SSC	CZC _{MS}
G	3/4 x 3/4-1 x 1
H	1 x 1
J	1 x 1
K	1 x 1
L	1 x 1-1 1/4 x 1 1/4

For the complete list of spare parts, visit www.sandvik.coromant.com

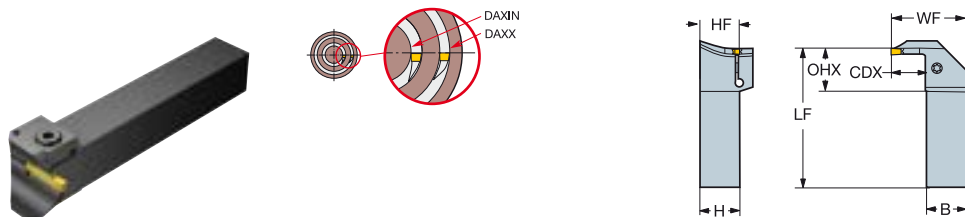
G

H



CoroCut® 1-2 shank tool for face grooving

Screw clamp design



Metric version

							Dimensions										MIID
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	Ordering code	B	H	LPR	LF	WF	HF				
	H	25 x 25	13.0	40.0	60.0	23.9	R/LG123H13-2525B-040BM	25.0	25.0	160.5	150.0	40.0	25.0	2.8	0.85	N123H2-0400-0004-TF	
		25 x 25	13.0	52.0	72.0	23.9	R/LG123H13-2525B-052BM	25.0	25.0	162.0	150.0	40.0	25.0	3.0	0.85	N123H2-0400-0004-TF	
		25 x 25	13.0	64.0	100.0	23.9	R/LG123H13-2525B-064BM	25.0	25.0	158.2	150.0	40.0	25.0	3.2	0.82	N123H2-0400-0004-TF	
		25 x 25	13.0	92.0	140.0	23.9	R/LG123H13-2525B-092BM	25.0	25.0	156.6	150.0	40.0	25.0	3.7	0.83	N123H2-0400-0004-TF	
		25 x 25	13.0	132.0	230.0	23.9	R/LG123H13-2525B-132BM	25.0	25.0	154.5	150.0	40.0	25.0	4.0	0.82	N123H2-0400-0004-TF	
		25 x 25	13.0	220.0	500.0	23.9	R/LG123H13-2525B-220BM	25.0	25.0	153.0	150.0	40.0	25.0	4.3	0.82	N123H2-0400-0004-TF	
		25 x 25	13.0	300.0	1100.0	23.9	R/LG123H13-2525B-300BM	25.0	25.0	162.3	150.0	40.0	25.0	4.3	0.82	N123H2-0400-0004-TF	
	K	25 x 25	20.0	168.0	400.0	27.7	RG123K20-2525B-168BM	25.0	25.0	154.3	150.0	47.0	25.0	5.3	0.84	N123K2-0600-0004-TF	
	L	25 x 25	20.0	50.0	80.0	37.4	R/LG123L20-2525B-050BM	25.0	25.0	157.9	150.0	47.0	25.0	4.7	0.90	N123L2-0800-0008-TF	
		25 x 25	20.0	75.0	150.0	37.4	R/LG123L20-2525B-075BM	25.0	25.0	151.2	150.0	47.0	25.0	5.4	0.90	N123L2-0800-0008-TF	
		25 x 25	20.0	140.0	400.0	37.4	R/LG123L20-2525B-140BM	25.0	25.0	152.2	150.0	47.0	25.0	6.2	0.90	N123L2-0800-0008-TF	

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts
Screw
5512 044-01

For the complete list of spare parts, visit www.sandvik.coromant.com



B4



F2



E1



H37



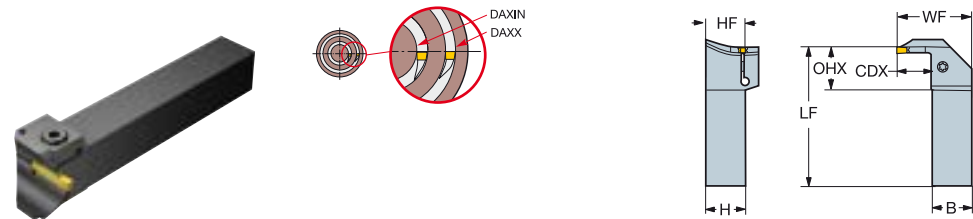
H28



H18

CoroCut® 1-2 shank tool for face grooving

Screw clamp design



Inch version

							Dimensions, inch											
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	Ordering code	B	H	LPR	LF	WF	HF	FT LBS	LBS	MIID		
	H	1 x 1	.500	1.575	2.362	.941	R/LG123H050-16B-040BM	1.000	1.000	6.413	6.000	1.575	1.000	2.1	3.638	N123H2-0400-0004-TF		
		1 x 1	.500	2.047	2.835	.941	R/LG123H050-16B-052BM	1.000	1.000	6.500	6.000	1.575	1.000	2.2	1.896	N123H2-0400-0004-TF		
		1 x 1	.500	2.520	3.937	.941	R/LG123H050-16B-064BM	1.000	1.000	6.323	6.000	1.575	1.000	2.3	3.638	N123H2-0400-0004-TF		
		1 x 1	.500	3.622	5.512	.941	R/LG123H050-16B-092BM	1.000	1.000	6.264	6.000	1.575	1.000	2.7	3.638	N123H2-0400-0004-TF		
		1 x 1	.500	5.197	9.055	.941	R/LG123H050-16B-132BM	1.000	1.000	6.181	6.000	1.575	1.000	2.9	3.638	N123H2-0400-0004-TF		
		1 x 1	.500	8.661	19.685	.941	R/LG123H050-16B-220BM	1.000	1.000	6.118	6.000	1.575	1.000	3.1	3.638	N123H2-0400-0004-TF		
		1 x 1	.500	11.811	43.307	.941	R/LG123H050-16B-300BM	1.000	1.000	6.087	6.000	1.575	1.000	3.1	1.867	N123H2-0400-0004-TF		
	L	1 x 1	.790	1.969	3.150	1.473	R/LG123L079-16B-050BM	1.000	1.000	6.252	6.000	1.850	1.000	3.7	1.940	N123L2-0800-0008-TF		
		1 x 1	.790	2.953	5.906	1.473	R/LG123L079-16B-075BM	1.000	1.000	6.161	6.000	1.850	1.000	3.7	1.940	N123L2-0800-0008-TF		
		1 x 1	.790	5.512	15.748	1.473	R/LG123L079-16B-140BM	1.000	1.000	6.035	6.000	1.850	1.000	3.7	1.896	N123L2-0800-0008-TF		

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

E

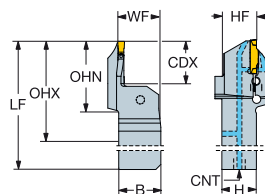
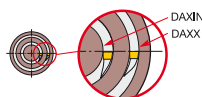
Spare parts
Screw
5512 044-01

For the complete list of spare parts, visit www.sandvik.coromant.com

CoroCut® 1-2 QS shank tool for face grooving

Spring-lock design

Precision coolant supply



Metric version

									Dimensions												MIID
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	OHN	CNSC	Ordering code	B	H	LF	WF	HF	CNT						
	G	20 x 20	14.0	34.0	44.0	51.9	31.9	3	QS-R/LF123G14C2020E-034B	20.0	20.0	100.9	20.5	20.0	G 1/8-28	150	0.39	N123G2-0300-0003-TF			
		20 x 20	14.0	38.0	48.0	51.9	31.9	3	QS-R/LF123G14C2020E-038B	20.0	20.0	100.9	20.5	20.0	G 1/8-28	150	0.29	N123G2-0300-0003-TF			
		20 x 20	14.0	42.0	60.0	51.9	31.9	3	QS-R/LF123G14C2020E-042B	20.0	20.0	100.9	20.5	20.0	G 1/8-28	150	0.38	N123G2-0300-0003-TF			
		20 x 20	14.0	54.0	75.0	51.9	31.9	3	QS-R/LF123G14C2020E-054B	20.0	20.0	100.9	20.5	20.0	G 1/8-28	150	0.38	N123G2-0300-0003-TF			
		20 x 20	14.0	67.0	100.0	51.9	31.9	3	QS-R/LF123G14C2020E-067B	20.0	20.0	100.9	20.5	20.0	G 1/8-28	150	0.38	N123G2-0300-0003-TF			
		20 x 20	14.0	90.0	160.0	51.9	31.9	3	QS-R/LF123G14C2020E-090B	20.0	20.0	100.9	20.5	20.0	G 1/8-28	150	0.27	N123G2-0300-0003-TF			
	H	20 x 20	14.0	130.0	160.0	51.9	31.9	3	QS-R/LF123G14C2020E-130B	20.0	20.0	100.9	20.5	20.0	G 1/8-28	150	0.27	N123G2-0300-0003-TF			
		20 x 20	20.0	40.0	60.0	60.0	40.0	3	QS-R/LF123H20C2020E-040B	20.0	20.0	108.9	20.5	20.0	G 1/8-28	150	0.40	N123H2-0400-0004-TF			
		20 x 20	20.0	52.0	72.0	60.0	40.0	3	QS-R/LF123H20C2020E-052B	20.0	20.0	108.9	20.5	20.0	G 1/8-28	150	0.40	N123H2-0400-0004-TF			
		20 x 20	20.0	64.0	100.0	60.0	40.0	3	QS-R/LF123H20C2020E-064B	20.0	20.0	108.9	20.5	20.0	G 1/8-28	150	0.39	N123H2-0400-0004-TF			
		20 x 20	20.0	92.0	140.0	60.0	40.0	3	QS-R/LF123H20C2020E-092B	20.0	20.0	108.9	20.5	20.0	G 1/8-28	150	0.39	N123H2-0400-0004-TF			
		20 x 20	20.0	132.0	230.0	60.0	40.0	3	QS-R/LF123H20C2020E-132B	20.0	20.0	108.9	20.5	20.0	G 1/8-28	150	0.39	N123H2-0400-0004-TF			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts

Plug	Plug
3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

B4



F2



E1



G1



H37



H28



H18

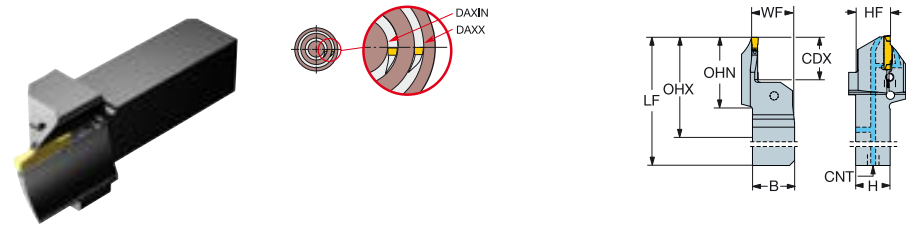


H5

CoroCut® 1-2 QS shank tool for face grooving

Spring-lock design

Precision coolant supply



Inch version

										Dimensions, inch									
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	OHN	CNSC	Ordering code	B	H	LF	WF	HF	CNT	PSI	LBS	MID	
	G	3/4 x 3/4	.550	1.339	1.732	2.214	1.464	3	QS-R/LF123G055C12E-034B	.750	.750	3.971	.770	.750	G 1/8-28	2175	.600	N123G2-0300-0003-TF	
		3/4 x 3/4	.550	1.496	1.890	2.214	1.464	3	QS-R/LF123G055C12E-038B	.750	.750	3.971	.770	.750	G 1/8-28	2175	.597	N123G2-0300-0003-TF	
		3/4 x 3/4	.550	1.654	2.362	2.214	1.464	3	QS-R/LF123G055C12E-042B	.750	.750	3.971	.770	.750	G 1/8-28	2175	.580	N123G2-0300-0003-TF	
		3/4 x 3/4	.550	2.126	2.953	2.214	1.464	3	QS-R/LF123G055C12E-054B	.750	.750	3.971	.770	.750	G 1/8-28	2175	.580	N123G2-0300-0003-TF	
		3/4 x 3/4	.550	2.638	3.937	2.214	1.464	3	QS-R/LF123G055C12E-067B	.750	.750	3.971	.770	.750	G 1/8-28	2175	.573	N123G2-0300-0003-TF	
		3/4 x 3/4	.550	3.543	6.299	2.214	1.464	3	QS-R/LF123G055C12E-090B	.750	.750	3.971	3.971	.750	G 1/8-28	2175	.567	N123G2-0300-0003-TF	
		3/4 x 3/4	.550	5.118	6.299	2.214	1.464	3	QS-R/LF123G055C12E-130B	.750	.750	3.971	.770	.750	G 1/8-28	2175	.562	N123G2-0300-0003-TF	
		1 x 1	.750	2.126	2.953	2.505	1.505	3	QS-LF123G075C16E-054B	1.000	1.000	4.812	1.020	1.000	G 1/8-28	2175	1.036	N123G2-0300-0003-TF	
		1 x 1	.800	3.543	6.299	2.505	1.505	3	QS-LF123G080C16E-090B	1.000	1.000	4.812	1.020	1.000	G 1/8-28	2175	1.067	N123G2-0300-0003-TF	
		1 x 1	.800	5.118	6.299	2.505	1.505	3	QS-R/LF123G080C16E-130B	1.000	1.000	4.812	1.020	1.000	G 1/8-28	2175	1.067	N123G2-0300-0003-TF	
	H	3/4 x 3/4	.800	1.575	2.362	2.376	1.626	3	QS-R/LF123H080C12E-040B	.750	.750	4.341	.770	.750	G 1/8-28	2175	.619	N123H2-0400-0004-TF	
		3/4 x 3/4	.800	2.047	2.835	2.376	1.626	3	QS-R/LF123H080C12E-052B	.750	.750	4.341	.770	.750	G 1/8-28	2175	.619	N123H2-0400-0004-TF	
		3/4 x 3/4	.800	2.520	3.937	2.376	1.626	3	QS-R/LF123H080C12E-064B	.750	.750	4.341	.770	.750	G 1/8-28	2175	.606	N123H2-0400-0004-TF	
		3/4 x 3/4	.800	3.622	5.512	2.376	1.626	3	QS-R/LF123H080C12E-092B	.750	.750	4.341	.770	.750	G 1/8-28	2175	.604	N123H2-0400-0004-TF	
		3/4 x 3/4	.800	5.197	9.055	2.376	1.626	3	QS-R/LF123H080C12E-132B	.750	.750	4.341	.770	.750	G 1/8-28	2175	.597	N123H2-0400-0004-TF	
		1 x 1	1.000	5.197	9.055	2.702	1.702	3	QS-R/LF123H100C16E-132B	1.000	1.000	5.009	1.020	1.000	G 1/8-28	2175	1.105	N123H2-0400-0004-TF	
		1 x 1	1.000	8.661	19.685	2.702	1.702	3	QS-R/LF123H100C16E-220B	1.000	1.000	5.009	1.020	1.000	G 1/8-28	2175	1.351	N123H2-0400-0004-TF	
		1 x 1	1.000	11.811	31.496	2.702	1.702	3	QS-R/LF123H100C16E-300B	1.000	1.000	5.009	1.020	1.000	G 1/8-28	2175	1.105	N123H2-0400-0004-TF	
	J	1 x 1	1.000	4.724	7.087	2.702	1.702	3	QS-R/LF123J100C16E-120B	1.000	1.000	5.009	1.020	1.000	G 1/8-28	2175	1.120	N123J2-0500-0004-TF	
		1 x 1	1.000	6.890	19.685	2.702	1.702	3	QS-R/LF123J100C16E-175B	1.000	1.000	5.009	1.020	1.000	G 1/8-28	2175	1.369	N123J2-0500-0004-TF	
	K	1 x 1	1.000	6.614	15.748	2.702	1.702	3	QS-R/LF123K100C16E-168B	1.000	1.000	5.009	1.020	1.000	G 1/8-28	2175	1.138	N123K2-0600-0004-TF	
		1 x 1	1.000	8.661	19.685	2.702	1.702	3	QS-R/LF123K100C16E-220B	1.000	1.000	5.009	1.020	1.000	G 1/8-28	2175	1.133	N123K2-0600-0004-TF	
	L	1 x 1	1.100	5.512	15.748	2.787	1.787	3	QS-LF123L110C16E-140B	1.000	1.000	5.094	1.020	1.000	G 1/8-28	2175	1.138	N123L2-0800- CM	
		1 x 1	1.000	1.969	3.150	2.702	1.702	3	QS-R/LF123L100C16E-050B	1.000	1.000	5.009	1.020	1.000	G 1/8-28	2175	1.153	N123L2-0800- CM	
		1 x 1	1.100	2.953	5.906	2.787	1.787	3	QS-R/LF123L110C16E-075B	1.000	1.000	5.094	1.020	1.000	G 1/8-28	2175	1.138	N123L2-0800- CM	

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts	
Plug	Plug
3214 013-01	3214 012-01

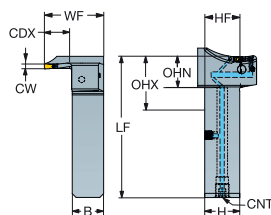
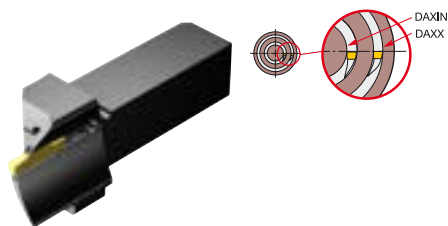
For the complete list of spare parts, visit www.sandvik.coromant.com



CoroCut® 1-2 QS shank tool for face grooving

Spring-lock design

Precision coolant supply



Metric version

									Ordering code	Dimensions										MID
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	OHN	CNSC		B	H	LF	WF	HF	CNT					
	H	25 x 25	13.0	40.0	60.0	47.0	22.0	3	QS-R/LG123H13C2525E-040B	25.0	25.0	106.0	40.0	25.0	G1/8	150	0.64	N123H2-0400-0004-TF		
		25 x 25	13.0	52.0	72.0	47.0	22.0	3	QS-R/LG123H13C2525E-052B	25.0	25.0	106.0	40.0	25.0	G1/8	150	0.50	N123H2-0400-0004-TF		
		25 x 25	20.0	64.0	100.0	47.0	22.0	3	QS-R/LG123H20C2525E-064B	25.0	25.0	106.0	47.0	25.0	G1/8	150	0.64	N123H2-0400-0004-TF		
		25 x 25	20.0	92.0	140.0	47.0	22.0	3	QS-R/LG123H20C2525E-092B	25.0	25.0	106.0	47.0	25.0	G1/8	150	0.64	N123H2-0400-0004-TF		
		25 x 25	20.0	132.0	230.0	47.0	22.0	3	QS-R/LG123H20C2525E-132B	25.0	25.0	106.0	47.0	25.0	G1/8	150	0.64	N123H2-0400-0004-TF		

Inch version

									Ordering code	Dimensions, inch										MID
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	OHN	CNSC		B	H	LF	WF	HF	CNT	PSI	LBS			
	H	1 x 1	.500	1.575	2.362	1.866	.866	1	QS-R/LG123H050C16E-040B	1.000	1.000	4.173	1.579	1.000	G1/8	2175	1.100	N123H2-0400-0004-TF		
		1 x 1	.500	2.047	2.835	1.866	.866	1	QS-R/LG123H050C16E-052B	1.000	1.000	4.173	1.579	1.000	G1/8	2175	1.100	N123H2-0400-0004-TF		
		1 x 1	.750	2.520	3.937	1.866	.866	1	QS-R/LG123H075C16E-064B	1.000	1.000	4.173	1.829	1.000	G1/8	2175	1.100	N123H2-0400-0004-TF		
		1 x 1	.750	3.622	5.512	1.866	.866	1	QS-R/LG123H075C16E-092B	1.000	1.000	4.173	1.829	1.000	G1/8	2175	1.100	N123H2-0400-0004-TF		
		1 x 1	.750	5.197	9.055	1.866	.866	1	QS-R/LG123H075C16E-132B	1.000	1.000	4.173	1.829	1.000	G1/8	2175	1.100	N123H2-0400-0004-TF		

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts

Plug	Plug
3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

B4



F2



E1



G1



H37



H28



H18



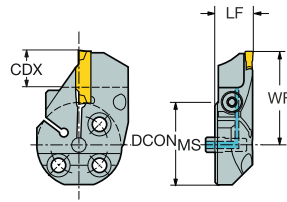
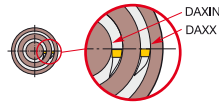
H5

CoroCut® 1-2 head for face grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply

B



A curve

C

									Dimensions, mm, inch								
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	DCON _{MS}	LF	WF	HF				MILD	
	F	32	12.0	40.0	56.0	12.8	1	570-32R/L123F12B040A	32	14.0	34.4	0.1	10	2.0	0.11	N123F2-0250-0002-CM	
			.472	1.575	2.205	.502			1.260	.551	1.354	.004	145				
		32	12.0	54.0	70.0	12.8	1	570-32R/L123F12B054A	32	14.0	34.4	0.1	10	2.0	0.11	N123F2-0250-0002-CM	
			.472	2.126	2.756	.502			1.260	.551	1.354	.004	145				
		32	15.0	68.0	98.0	12.8	1	570-32R/L123F15B068A	32	14.0	37.4	0.1	10	2.0	0.11	N123F2-0250-0002-CM	
			.591	2.677	3.858	.502			1.260	.551	1.472	.004	145				
	G	32	15.0	90.0	140.0	12.8	1	570-32R/L123F15B090A	32	14.0	37.4	0.1	10	2.0	0.12	N123F2-0250-0002-CM	
			.591	3.543	5.512	.502			1.260	.551	1.472	.004	145				
		32	15.0	130.0	300.0	12.8	1	570-32R/L123F15B130A	32	14.0	37.4	0.1	10	2.0	0.12	N123F2-0250-0002-CM	
			.591	5.118	11.811	.502			1.260	.551	1.472	.004	145				
		32	12.0	34.0	44.0	16.5	1	570-32R/L123G12B034A	32	14.0	35.1	0.1	10	2.5	0.10	N123G2-0300-0003-TF	
			.472	1.339	1.732	.650			1.260	.551	1.382	.004	145				
		H	32	15.0	42.0	60.0	12.5	1	570-32R/L123G15B042A	32	14.0	38.1	0.1	10	3.0	0.11	N123G2-0300-0003-TF
				.591	1.654	2.362	.492			1.260	.551	1.500	.004	145			
			32	15.0	54.0	75.0	12.5	1	570-32R/L123G15B054A	32	14.0	38.1	0.1	10	3.0	0.12	N123G2-0300-0003-TF
				.591	2.126	2.953	.492			1.260	.551	1.500	.004	145			
			32	18.0	67.0	100.0	12.5	1	570-32R/L123G18B067A	32	14.0	41.1	0.1	10	3.0	0.12	N123G2-0300-0003-TF
				.709	2.638	3.937	.492			1.260	.551	1.618	.004	145			
		I	32	18.0	90.0	160.0	12.5	1	570-32R/L123G18B090A	32	14.0	41.1	0.1	10	3.0	0.13	N123G2-0300-0003-TF
				.709	3.543	6.299	.492			1.260	.551	1.618	.004	145			
			32	18.0	130.0	300.0	12.5	1	570-32R/L123G18B130A	32	14.0	41.1	0.1	10	3.0	0.12	N123G2-0300-0003-TF
				.709	5.118	11.811	.492			1.260	.551	1.618	.004	145			
			32	18.0	300.0	1000.0	14.0	1	570-32R/L123G18B300A	32	14.0	41.1	0.1	10	3.0	0.13	N123G2-0300-0003-TF
				.709	11.811	39.370	.551			1.260	.551	1.618	.004	145			
	J	32	18.0	40.0	60.0	16.0	1	570-32R/L123H18B040A	32	18.0	41.1	0.1	10	3.0	0.14	N123H2-0400-0004-TF	
			.709	1.575	2.362	.630			1.260	.709	1.618	.004	145				
		32	18.0	52.0	72.0	16.0	1	570-32R/L123H18B052A	32	18.0	41.1	0.1	10	3.0	0.15	N123H2-0400-0004-TF	
			.709	2.047	2.835	.630			1.260	.709	1.618	.004	145				
		32	18.0	64.0	100.0	16.0	1	570-32R/L123H18B064A	32	18.0	41.1	0.1	10	3.0	0.14	N123H2-0400-0004-TF	
			.709	2.520	3.937	.630			1.260	.709	1.618	.004	145				
	K	32	18.0	92.0	140.0	16.0	1	570-32R/L123H18B092A	32	18.0	41.1	0.1	10	3.0	0.15	N123H2-0400-0004-TF	
			.709	3.622	5.512	.630			1.260	.709	1.618	.004	145				
		32	18.0	132.0	230.0	16.0	1	570-32R/L123H18B132A	32	18.0	41.1	0.1	10	3.0	0.15	N123H2-0400-0004-TF	
			.709	5.197	9.055	.630			1.260	.709	1.618	.004	145				
		32	18.0	220.0	500.0	16.0	1	570-32R/L123H18B220A	32	18.0	41.1	0.1	10	3.0	0.15	N123H2-0400-0004-TF	
			.709	8.661	19.685	.630			1.260	.709	1.618	.004	145				
	L	32	18.0	300.0	800.0	16.0	1	570-32R/L123H18B300A	32	18.0	41.1	0.1	10	3.0	0.15	N123H2-0400-0004-TF	
			.709	11.811	31.496	.630			1.260	.709	1.618	.004	145				
		40	18.0	40.0	60.0	18.0	1	570-40R/L123H18B040A	40	18.0	45.1	0.1	10	3.0	0.18	N123H2-0400-0004-TF	
			.709	1.575	2.362	.709			1.575	.709	1.776	.004	145				
		40	18.0	52.0	72.0	18.0	1	570-40R/L123H18B052A	40	18.0	45.1	0.1	10	3.0	0.19	N123H2-0400-0004-TF	
			.709	2.047	2.835	.709			1.575	.709	1.776	.004	145				
M	40	18.0	64.0	100.0	18.0	1	570-40R/L123H18B064A	40	18.0	45.1	0.1	10	3.0	0.19	N123H2-0400-0004-TF		
		.709	2.520	3.937	.709			1.575	.709	1.776	.004	145					
	40	18.0	92.0	140.0	18.0	1	570-40R/L123H18B092A	40	18.0	45.1	0.1	10	3.0	0.20	N123H2-0400-0004-TF		
		.709	3.622	5.512	.709			1.575	.709	1.776	.004	145					
	40	18.0	132.0	230.0	18.0	1	570-40R/L123H18B132A	40	18.0	45.1	0.1	10	3.0	0.21	N123H2-0400-0004-TF		
		.709	5.197	9.055	.709			1.575	.709	1.776	.004	145					
N	40	18.0	220.0	500.0	18.0	1	570-40R/L123H18B220A	40	18.0	45.1	0.1	10	3.0	0.21	N123H2-0400-0004-TF		
		.709	8.661	19.685	.709			1.575	.709	1.776	.004	145					
	40	18.0	300.0	800.0	18.0	1	570-40R/L123H18B300A	40	18.0	45.1	0.1	10	3.0	0.21	N123H2-0400-0004-TF		
		.709	11.811	31.496	.709			1.575	.709	1.776	.004	145					
	40	18.0	40.0	60.0	18.0	1	570-40R/L123H18B040A	40	18.0	45.1	0.1	10	3.0	0.18	N123H2-0400-0004-TF		
		.709	1.575	2.362	.709			1.575	.709	1.776	.004	145					

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

H



B4



F2



H37



H28



H5

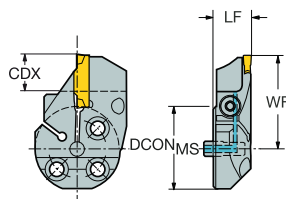
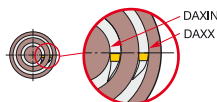


H2

CoroCut® 1-2 head for face grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply



A curve

									Dimensions, mm, inch						
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	DCON _{MS}	LF	WF	HF			
J	32	18.0	40.0	70.0	15.5	1	570-32R/L123J18B040A	32	18.0	41.1	0.1	10	3.5	0.14	N123J2-0500-0004-TF
		.709	1.575	2.756	.610			1.260	.709	1.618	.004	145			
	32	18.0	60.0	95.0	15.5	1	570-32R/L123J18B060A	32	18.0	41.1	0.1	10	3.5	0.15	N123J2-0500-0004-TF
		.709	2.362	3.740	.610			1.260	.709	1.618	.004	145			
	32	18.0	85.0	130.0	15.5	1	570-32R/L123J18B085A	32	18.0	41.1	0.1	10	3.5	0.15	N123J2-0500-0004-TF
		.709	3.346	5.118	.610			1.260	.709	1.618	.004	145			
	32	18.0	120.0	180.0	15.5	1	570-32R/L123J18B120A	32	18.0	41.1	0.1	10	3.5	0.15	N123J2-0500-0004-TF
		.709	4.724	7.087	.610			1.260	.709	1.618	.004	145			
	32	18.0	175.0	500.0	15.5	1	570-32R/L123J18B175A	32	18.0	41.1	0.1	10	3.5	0.15	N123J2-0500-0004-TF
		.709	6.890	19.685	.610			1.260	.709	1.618	.004	145			
	32	18.0	180.0	980.0	15.5	1	570-32R/L123J18B180A	32	18.0	41.1	0.1	10	3.5	0.15	N123J2-0500-0004-TF
		.709	7.087	38.583	.610			1.260	.709	1.618	.004	145			
	40	18.0	40.0	70.0	18.0	1	570-40R/L123J18B040A	40	18.0	45.1	0.1	10	3.5	0.18	N123J2-0500-0004-TF
		.709	1.575	2.756	.709			1.575	.709	1.776	.004	145			
	40	18.0	60.0	95.0	18.0	1	570-40R/L123J18B060A	40	18.0	45.1	0.1	10	3.5	0.20	N123J2-0500-0004-TF
		.709	2.362	3.740	.709			1.575	.709	1.776	.004	145			
	40	18.0	85.0	130.0	18.0	1	570-40R/L123J18B085A	40	18.0	45.1	0.1	10	3.5	0.20	N123J2-0500-0004-TF
		.709	3.346	5.118	.709			1.575	.709	1.776	.004	145			
	40	18.0	120.0	180.0	18.0	1	570-40R/L123J18B120A	40	18.0	45.1	0.1	10	3.5	0.21	N123J2-0500-0004-TF
		.709	4.724	7.087	.709			1.575	.709	1.776	.004	145			
	40	18.0	175.0	500.0	18.0	1	570-40R/L123J18B175A	40	18.0	45.1	0.1	10	3.5	0.21	N123J2-0500-0004-TF
		.709	6.890	19.685	.709			1.575	.709	1.776	.004	145			
	40	18.0	180.0	980.0	18.0	1	570-40R/L123J18B180A	40	18.0	45.1	0.1	10	3.5	0.21	N123J2-0500-0004-TF
		.709	7.087	38.583	.709			1.575	.709	1.776	.004	145			
K	32	18.0	40.0	70.0	15.0	1	570-32R/L123K18B040A	32	18.0	41.1	0.1	10	4.0	0.14	N123K2-0600-0004-TF
		.709	1.575	2.756	.591			1.260	.709	1.618	.004	145			
	32	18.0	58.0	100.0	15.0	1	570-32R/L123K18B058A	32	18.0	41.1	0.1	10	4.0	0.15	N123K2-0600-0004-TF
		.709	2.283	3.937	.591			1.260	.709	1.618	.004	145			
	32	18.0	88.0	180.0	15.0	1	570-32R/L123K18B088A	32	18.0	41.1	0.1	10	4.0	0.15	N123K2-0600-0004-TF
		.709	3.465	7.087	.591			1.260	.709	1.618	.004	145			
	32	18.0	168.0	400.0	15.0	1	570-32R/L123K18B168A	32	18.0	41.1	0.1	10	4.0	0.15	N123K2-0600-0004-TF
		.709	6.614	15.748	.591			1.260	.709	1.618	.004	145			
	32	18.0	220.0	1000.0	15.0	1	570-32R/L123K18B220A	32	18.0	41.1	0.1	10	4.0	0.16	N123K2-0600-0004-TF
		.709	8.661	39.370	.591			1.260	.709	1.618	.004	145			
	40	18.0	40.0	70.0	18.0	1	570-40R/L123K18B040A	40	18.0	45.1	0.1	10	4.0	0.19	N123K2-0600-0004-TF
		.709	1.575	2.756	.709			1.575	.709	1.776	.004	145			
	40	18.0	58.0	100.0	18.0	1	570-40R/L123K18B058A	40	18.0	45.1	0.1	10	4.0	0.20	N123K2-0600-0004-TF
		.709	2.283	3.937	.709			1.575	.709	1.776	.004	145			
	40	18.0	88.0	180.0	18.0	1	570-40R/L123K18B088A	40	18.0	45.1	0.1	10	4.0	0.21	N123K2-0600-0004-TF
		.709	3.465	7.087	.709			1.575	.709	1.776	.004	145			
	40	18.0	168.0	400.0	18.0	1	570-40R/L123K18B168A	40	18.0	45.1	0.1	10	4.0	0.21	N123K2-0600-0004-TF
		.709	6.614	15.748	.709			1.575	.709	1.776	.004	145			
	40	18.0	220.0	1000.0	18.0	1	570-40R/L123K18B220A	40	18.0	45.1	0.1	10	4.0	0.21	N123K2-0600-0004-TF
		.709	8.661	39.370	.709			1.575	.709	1.776	.004	145			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts			
SSC	CZC _{MS}	Screw	Coolant tube
F	32	3212 012-260	5691 041-01
G	32	3212 012-310	5691 041-01
H,J,K	32	3212 012-310	5691 041-02
H,J,K	40	3212 012-311	5691 041-01

For the complete list of spare parts, visit www.sandvik.coromant.com

B4



F2



H37



H28



H5

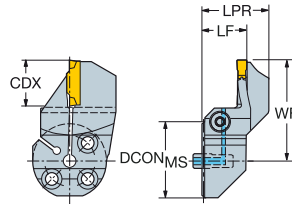
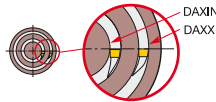


H2

CoroCut® 1-2 head for face grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply



B curve

									Dimensions, mm, inch										
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	DCON _{MS}	LPR	LF	WF	HF				MILD		
	F	32	12.0	40.0	56.0	12.8	1	570-32R/L123F12B040B	32	19.9	14.0	34.4	0.1	10	2.0	0.12	N123F2-0250-0002-CM		
			.472	1.575	2.205	.502			1.260	.783	.551	1.354	.004	145					
		32	12.0	54.0	70.0	12.8	1	570-32R/L123F12B054B	32	21.4	14.0	34.4	0.1	10	2.0	0.12	N123F2-0250-0002-CM		
			.472	2.126	2.756	.502			1.260	.843	.551	1.354	.004	145					
		32	15.0	68.0	98.0	12.8	1	570-32R/L123F15B068B	32	18.6	14.0	37.4	0.1	10	2.0	0.12	N123F2-0250-0002-CM		
			.591	2.677	3.858	.502			1.260	.732	.551	1.472	.004	145					
	G	32	15.0	90.0	140.0	12.8	1	570-32R/L123F15B090B	32	17.1	14.0	37.4	0.1	10	2.0	0.12	N123F2-0250-0002-CM		
			.591	3.543	5.512	.502			1.260	.673	.551	1.472	.004	145					
		32	15.0	130.0	300.0	12.8	1	570-32R/L123F15B130B	32	15.3	14.0	37.4	0.1	10	2.0	0.12	N123F2-0250-0002-CM		
			.591	5.118	11.811	.502			1.260	.602	.551	1.472	.004	145					
		32	12.0	34.0	44.0	16.5	1	570-32R/L123G12B034B	32	26.0	14.0	35.1	0.1	10	2.5	0.13	N123G2-0300-0003-TF		
			.472	1.339	1.732	.650			1.260	1.024	.551	1.382	.004	145					
		H	32	15.0	42.0	60.0	12.5	1	570-32R/L123G15B042B	32	21.1	14.0	38.1	0.1	10	3.0	0.13	N123G2-0300-0003-TF	
				.591	1.654	2.362	.492			1.260	.831	.551	1.500	.004	145				
			32	15.0	54.0	75.0	12.5	1	570-32R/L123G15B054B	32	20.7	14.0	38.1	0.1	10	3.0	0.13	N123G2-0300-0003-TF	
				.591	2.126	2.953	.492			1.260	.815	.551	1.500	.004	145				
			32	18.0	67.0	100.0	12.5	1	570-32R/L123G18B067B	32	18.1	14.0	41.1	0.1	10	3.0	0.13	N123G2-0300-0003-TF	
				.709	2.638	3.937	.492			1.260	.713	.551	1.618	.004	145				
		I	32	18.0	90.0	160.0	12.5	1	570-32R/L123G18B090B	32	16.3	14.0	41.1	0.1	10	3.0	0.13	N123G2-0300-0003-TF	
				.709	3.543	6.299	.492			1.260	.642	.551	1.618	.004	145				
			32	18.0	130.0	300.0	12.5	1	570-32R/L123G18B130B	32	15.1	14.0	41.1	0.1	10	3.0	0.12	N123G2-0300-0003-TF	
				.709	5.118	11.811	.492			1.260	.594	.551	1.618	.004	145				
			32	18.0	300.0	1000.0	14.0	1	570-32R/L123G18B300B	32	14.1	14.0	41.1	0.1	10	3.0	0.12	N123G2-0300-0003-TF	
				.709	11.811	39.370	.551			1.260	.555	.551	1.618	.004	145				
	J	32	18.0	40.0	60.0	16.0	1	570-32R/L123H18B040B	32	26.9	18.0	41.1	0.1	10	3.0	0.15	N123H2-0400-0004-TF		
			.709	1.575	2.362	.630			1.260	1.059	.709	1.618	.004	145					
		32	18.0	52.0	72.0	16.0	1	570-32R/L123H18B052B	32	24.6	18.0	41.1	0.1	10	3.0	0.15	N123H2-0400-0004-TF		
			.709	2.047	2.835	.630			1.260	.969	.709	1.618	.004	145					
		32	18.0	64.0	100.0	16.0	1	570-32R/L123H18B064B	32	22.2	18.0	41.1	0.1	10	3.0	0.15	N123H2-0400-0004-TF		
			.709	2.520	3.937	.630			1.260	.874	.709	1.618	.004	145					
	K	32	18.0	92.0	140.0	16.0	1	570-32R/L123H18B092B	32	20.8	18.0	41.1	0.1	10	3.0	0.15	N123H2-0400-0004-TF		
			.709	3.622	5.512	.630			1.260	.819	.709	1.618	.004	145					
		32	18.0	132.0	230.0	16.0	1	570-32R/L123H18B132B	32	19.5	18.0	41.1	0.1	10	3.0	0.15	N123H2-0400-0004-TF		
			.709	5.197	9.055	.630			1.260	.768	.709	1.618	.004	145					
		32	18.0	220.0	500.0	16.0	1	570-32R/L123H18B220B	32	18.5	18.0	41.1	0.1	10	3.0	0.05	N123H2-0400-0004-TF		
			.709	8.661	19.685	.630			1.260	.728	.709	1.618	.004	145					
	L	M	32	18.0	300.0	800.0	16.0	1	570-32R/L123H18B300B	32	18.2	18.0	41.1	0.1	10	3.0	0.15	N123H2-0400-0004-TF	
				.709	11.811	31.496	.630			1.260	.717	.709	1.618	.004	145				
			40	18.0	40.0	60.0	18.0	1	570-40R/L123H18B040B	40	28.3	18.0	45.1	0.1	10	3.0	0.21	N123H2-0400-0004-TF	
				.709	1.575	2.362	.709			1.575	1.114	.709	1.776	.004	145				
			40	18.0	52.0	72.0	18.0	1	570-40R/L123H18B052B	40	29.5	18.0	45.1	0.1	10	3.0	0.21	N123H2-0400-0004-TF	
				.709	2.047	2.835	.709			1.575	1.161	.709	1.776	.004	145				
		N	40	18.0	64.0	100.0	18.0	1	570-40R/L123H18B064B	40	25.0	18.0	45.1	0.1	10	3.0	0.21	N123H2-0400-0004-TF	
				.709	2.520	3.937	.709			1.575	.984	.709	1.776	.004	145				
			40	18.0	92.0	140.0	18.0	1	570-40R/L123H18B092B	40	22.6	18.0	45.1	0.1	10	3.0	0.21	N123H2-0400-0004-TF	
				.709	3.622	5.512	.709			1.575	.890	.709	1.776	.004	145				
			40	18.0	132.0	230.0	18.0	1	570-40R/L123H18B132B	40	20.5	18.0	45.1	0.1	10	3.0	0.21	N123H2-0400-0004-TF	
				.709	5.197	9.055	.709			1.575	.807	.709	1.776	.004	145				
O	P	40	18.0	220.0	500.0	18.0	1	570-40R/L123H18B220B	40	19.0	18.0	45.1	0.1	10	3.0	0.21	N123H2-0400-0004-TF		
			.709	8.661	19.685	.709			1.575	.748	.709	1.776	.004	145					
		40	18.0	300.0	800.0	18.0	1	570-40R/L123H18B300B	40	18.5	18.0	45.1	0.1	10	3.0	0.21	N123H2-0400-0004-TF		
			.709	11.811	31.496	.709			1.575	.728	.709	1.776	.004	145					

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand



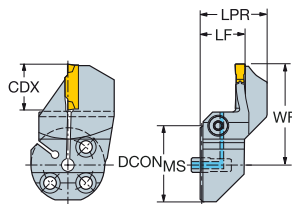
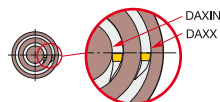
B 60



CoroCut® 1-2 head for face grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply



B curve

									Dimensions, mm, inch													
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	DCON _{MS}	LPR	LF	WF	HF				MIID					
	J	32	18.0	40.0	70.0	15.5	1	570-32R/L123J18B040B	32	25.2	18.0	41.1	0.1	10	3.5	0.14	N123J2-0500-0004-TF					
			.709	1.575	2.756	.610			1.260	.992	.709	1.618	.004	145								
		32	18.0	60.0	95.0	15.5	1	570-32R/L123J18B060B	32	22.7	18.0	41.1	0.1	10	3.5	0.30	N123J2-0500-0004-TF					
			.709	2.362	3.740	.610			1.260	.894	.709	1.618	.004	145								
		32	18.0	85.0	130.0	15.5	1	570-32R/L123J18B085B	32	21.1	18.0	41.1	0.1	10	3.5	0.15	N123J2-0500-0004-TF					
			.709	3.346	5.118	.610			1.260	.831	.709	1.618	.004	145								
		32	18.0	120.0	180.0	15.5	1	570-32R/L123J18B120B	32	20.1	18.0	41.1	0.1	10	3.5	0.15	N123J2-0500-0004-TF					
			.709	4.724	7.087	.610			1.260	.791	.709	1.618	.004	145								
		32	18.0	175.0	500.0	15.5	1	570-32R/L123J18B175B	32	18.5	18.0	41.1	0.1	10	3.5	0.15	N123J2-0500-0004-TF					
			.709	6.890	19.685	.610			1.260	.728	.709	1.618	.004	145								
		32	18.0	180.0	980.0	15.5	1	570-32R/L123J18B180B	32	18.1	18.0	41.1	0.1	10	3.5	0.15	N123J2-0500-0004-TF					
			.709	7.087	38.583	.610			1.260	.713	.709	1.618	.004	145								
		40	18.0	40.0	70.0	18.0	1	570-40R/L123J18B040B	40	26.5	18.0	45.1	0.1	10	3.5	0.21	N123J2-0500-0004-TF					
			.709	1.575	2.756	.709			1.575	1.043	.709	1.776	.004	145								
		40	18.0	60.0	95.0	18.0	1	570-40R/L123J18B060B	40	25.8	18.0	45.1	0.1	10	3.5	0.21	N123J2-0500-0004-TF					
			.709	2.362	3.740	.709			1.575	1.016	.709	1.776	.004	145								
		40	18.0	85.0	130.0	18.0	1	570-40R/L123J18B085B	40	23.1	18.0	45.1	0.1	10	3.5	0.21	N123J2-0500-0004-TF					
			.709	3.346	5.118	.709			1.575	.909	.709	1.776	.004	145								
		40	18.0	120.0	180.0	18.0	1	570-40R/L123J18B120B	40	21.4	18.0	45.1	0.1	10	3.5	0.21	N123J2-0500-0004-TF					
			.709	4.724	7.087	.709			1.575	.843	.709	1.776	.004	145								
		40	18.0	175.0	500.0	18.0	1	570-40R/L123J18B175B	40	19.0	18.0	45.1	0.1	10	3.5	0.21	N123J2-0500-0004-TF					
			.709	6.890	19.685	.709			1.575	.748	.709	1.776	.004	145								
		40	18.0	180.0	980.0	18.0	1	570-40R/L123J18B180B	40	18.3	18.0	45.1	0.1	10	3.5	0.21	N123J2-0500-0004-TF					
			.709	7.087	38.583	.709			1.575	.720	.709	1.776	.004	145								
K	32	18.0	40.0	70.0	15.0	1	570-32R/L123K18B040B	32	25.6	18.0	41.1	0.1	10	4.0	0.16	N123K2-0600-0004-TF						
			.709	1.575	2.756	.591			1.260	1.008	.709	1.618	.004	145								
		32	18.0	58.0	100.0	15.0	1	570-32R/L123K18B058B	32	22.5	18.0	41.1	0.1	10	4.0	0.15	N123K2-0600-0004-TF					
			.709	2.283	3.937	.591			1.260	.886	.709	1.618	.004	145								
		32	18.0	88.0	180.0	15.0	1	570-32R/L123K18B088B	32	20.1	18.0	41.1	0.1	10	4.0	0.15	N123K2-0600-0004-TF					
			.709	3.465	7.087	.591			1.260	.791	.709	1.618	.004	145								
		32	18.0	168.0	400.0	15.0	1	570-32R/L123K18B168B	32	18.7	18.0	41.1	0.1	10	4.0	0.15	N123K2-0600-0004-TF					
			.709	6.614	15.748	.591			1.260	.736	.709	1.618	.004	145								
		32	18.0	220.0	1000.0	15.0	1	570-32R/L123K18B220B	32	18.1	18.0	41.1	0.1	10	4.0	0.15	N123K2-0600-0004-TF					
			.709	8.661	39.370	.591			1.260	.713	.709	1.618	.004	145								
		40	18.0	40.0	70.0	18.0	1	570-40R/L123K18B040B	40	30.0	18.0	45.1	0.1	10	4.0	0.22	N123K2-0600-0004-TF					
			.709	1.575	2.756	.709			1.575	1.181	.709	1.776	.004	145								
		40	18.0	58.0	100.0	18.0	1	570-40R/L123K18B058B	40	25.4	18.0	45.1	0.1	10	4.0	0.22	N123K2-0600-0004-TF					
			.709	2.283	3.937	.709			1.575	1.000	.709	1.776	.004	145								
		40	18.0	88.0	180.0	18.0	1	570-40R/L123K18B088B	40	21.5	18.0	45.1	0.1	10	4.0	0.22	N123K2-0600-0004-TF					
			.709	3.465	7.087	.709			1.575	.846	.709	1.776	.004	145								
		40	18.0	168.0	400.0	18.0	1	570-40R/L123K18B168B	40	19.3	18.0	45.1	0.1	10	4.0	0.21	N123K2-0600-0004-TF					
			.709	6.614	15.748	.709			1.575	.760	.709	1.776	.004	145								
		40	18.0	220.0	1000.0	18.0	1	570-40R/L123K18B220B	40	18.3	18.0	45.1	0.1	10	4.0	0.21	N123K2-0600-0004-TF					
			.709	8.661	39.370	.709			1.575	.720	.709	1.776	.004	145								

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

		Spare parts
SSC	CZC _{MS}	Screw
F	32	3212 012-260
G	32	3212 012-310
H	32	3212 012-310
H	40	3212 012-311
J	32	3212 012-310
J	40	3212 012-311
K	32	3212 012-310
K	40	3212 012-311

For the complete list of spare parts, visit www.sandvik.coromant.com

B4



F2



H37



H28



H5



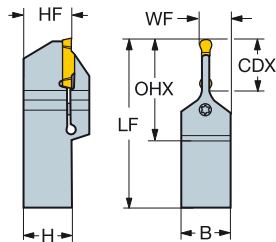
H2

CoroCut® 1-2 shank tool for profiling
Screw clamp design

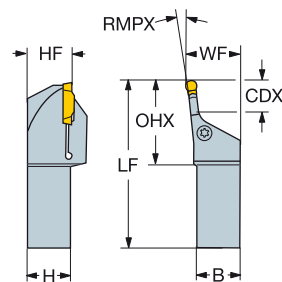
B



NF123..BM



R/LX123..B-007



C

Metric version

							Dimensions										
	SSC	CZC _{MS}	CDX	RMPX	OHX		Ordering code	B	H	LPR	LF	WF	HF				
	J	25 x 25	25.0		52.2	NF123J25-2525BM	25.0	25.0		150.0	15.0	25.0	6.0	0.66	N123J2-0600- RM		
		32 x 25	25.0		52.2	NF123J25-3225BM	25.0	32.0		170.0	15.0	32.0	6.0	0.97	N123J2-0600- RM		
	L	25 x 25	25.0	7°	63.7	R/LX123L25-2525B-007	25.0	25.0	190.0	190.0	32.0	25.0	6.5	0.99	N123L2-0800- RM		
		32 x 32	25.0	7°	63.7	R/LX123L25-3232B-007	32.0	32.0	190.0	190.0	40.0	32.0	6.5	1.45	N123L2-0800- RM		

SSC = To correspond with SSC on insert. N = Neutral, R = Right hand, L = Left hand

D

		Spare parts
SSC	CZC _{MS}	Screw
J	25 x 25-32 x 25	5512 044-01
L	25 x 25-32 x 32	3212 012-360

For the complete list of spare parts, visit www.sandvik.coromant.com

E

F

G

H

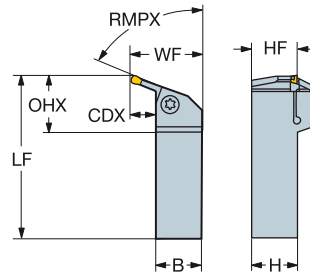
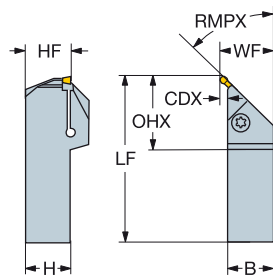


CoroCut® 1-2 shank tool for profiling

Screw clamp design

R/LX123..B-045

R/LX123..B-070



Metric version

							Dimensions									
	SSC	CZC _{MS}	CDX	RMPX	OHX	Ordering code	B	H	LF	WF	HF	NM	KG	MIID		
	G	20 x 20	4.0	45°	41.1	R/LX123G04-2020B-045	20.0	20.0	150.0	24.0	20.0	4.5	0.48	N123G2-0400- RM		
		25 x 25	4.0	45°	41.1	R/LX123G04-2525B-045	25.0	25.0	150.0	29.0	25.0	4.5	0.73	N123G2-0400- RM		
	J	20 x 20	5.0	45°	44.9	R/LX123J05-2020B-045	20.0	20.0	150.0	25.0	20.0	5.0	0.53	N123J2-0600- RM		
		25 x 25	5.0	45°	44.9	R/LX123J05-2525B-045	25.0	25.0	150.0	30.0	25.0	5.0	0.75	N123J2-0600- RM		
		32 x 25	5.0	45°	44.9	R/LX123J05-3225B-045	25.0	32.0	150.0	30.0	32.0	5.0	0.92	N123J2-0600- RM		
	J	25 x 25	16.0	70°	40.0	R/LX123J16-2525B-070	25.0	25.0	190.0	41.7	25.0	5.0	1.00	N123J2-0600- RM		
		32 x 32	16.0	70°	40.0	R/LX123J16-3232B-070	32.0	32.0	190.0	48.7	32.0	5.0	1.60	N123J2-0600- RM		

Inch version

							Dimensions, inch									
	SSC	CZC _{MS}	LU	RMPX	OHX	Ordering code	B	H	LF	WF	HF	FT/LBS	LBS	MIID		
	G	3/4 x 3/4	.157	45°	1.701	R/LX123G016-12B-045	.750	.750	5.906	.921	.750	3.3	.970	N123G2-0400- RM		
		1 x 1	.157	45°	1.701	R/LX123G016-16B-045	1.000	1.000	5.906	1.173	1.000	3.3	1.631	N123G2-0400- RM		
	J	3/4 x 3/4	.197	45°	1.902	R/LX123J020-12B-045	.750	.750	5.906	.961	.750	3.7	1.014	N123J2-0600- RM		
		1 x 1	.197	45°	1.902	R/LX123J020-16B-045	1.000	1.000	6.693	1.213	1.000	3.7	1.676	N123J2-0600- RM		
		1 1/4 x 1 1/4	.197	45°	1.902	R/LX123J020-20B-045	1.250	1.250	6.693	1.461	1.250	3.7	2.425	N123J2-0600- RM		
	J	1 x 1	.630	20°	1.575	R/LX123J062-16B-070	1.000	1.000	7.480	1.669	1.000	3.7	2.293	N123J2-0600- RM		
		1 1/4 x 1 1/4	.630	20°	1.575	R/LX123J062-20B-070	1.250	1.250	7.480	1.917	1.250	3.7	3.483	N123J2-0600- RM		

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts	
SSC	Screw
G	3212 012-309
J	3212 012-360

For the complete list of spare parts, visit www.sandvik.coromant.com



B4



F2



E1



H37



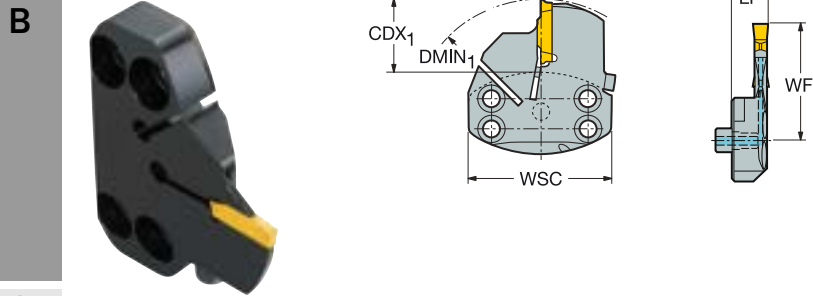
H28



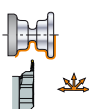
H18

CoroCut® 1-2 head for profiling

Screw clamp design
CoroTurn® SL70 – Precision coolant supply



C

									Dimensions, mm, inch						
	SSC	CZC _{MS}	CDX	DMIN ₁	DAXIN	OHX	CNSC	Ordering code	LF	WF	WSC	BAR PSI	NM	KG	MIID
	G	70	15.0	100.0	794.0	14.0	1	SL70-R/L123G15A-HP	15.5	48.0	70.0	80	4.0	0.27	N123G2-0300- GM
			.591	3.937	31.260	.551			.610	1.890	2.756	1160			
	H	70	30.0	100.0	792.0	14.0	1	SL70-R/L123H30A-HP	16.0	56.0	70.0	80	4.5	0.30	N123H2-0400- GM
			1.181	3.937	31.181	.551			.630	2.205	2.756	1160			
	K	70	15.0	120.0	308.0	15.0	1	SL70-R/L123K15A-HP	18.0	36.0	70.0	80	2.0	0.29	N123K2-0600- GM
			.591	4.724	12.126	.591			.709	1.417	2.756	1160			
		70	30.0	120.0	308.0	14.0	1	SL70-R/L123K30A-HP-M	17.0	55.0	70.0	80	4.5	0.32	N123K2-0600- GM
			1.181	4.724	12.126	.551			.669	2.165	2.756	1160			
		70	45.0	120.0	308.0	15.0	1	SL70-R/L123K45A-HP	18.0	71.0	70.0	80	6.0	0.36	N123K2-0600- GM
			1.772	4.724	12.126	.591			.709	2.795	2.756	1160			
	L	70	35.0	90.0	254.0	14.0	1	SL70-R/L123L35A-HP-M	18.0	61.0	70.0	80	6.5	0.35	N123L2-0800- GM
			1.378	3.543	10.000	.551			.709	2.402	2.756	1160			
	70	50.0	105.0	324.0	14.0	1	SL70-R/L123L50A-HP	18.0	81.0	70.0	80	6.5	0.39	N123L2-0800- GM	
		1.969	4.134	12.756	.551			.709	3.189	2.756	1160				

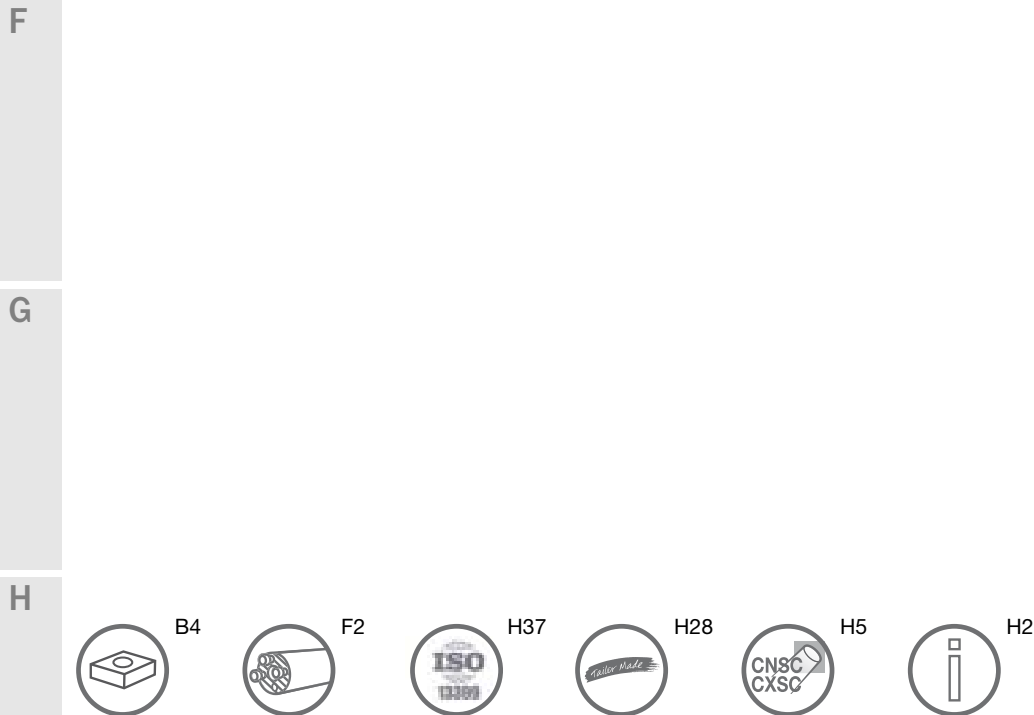
D

SSC = To correspond with SSC on insert. R = Right hand, L = Left hand

E

		Spare parts		
SSC	CZC _{MS}	Screw	Nozzle	Guide bush
G	70	3212 010-312	5691 026-23	5552 058-04
H	70	3212 010-313	5691 026-23	5552 058-04
K	70	3212 010-313	5691 026-23	5552 058-04
L	70	3212 010-313	5691 026-23	5552 058-04

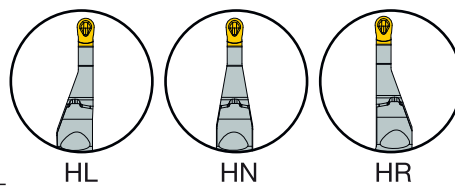
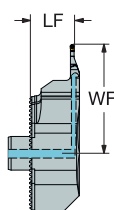
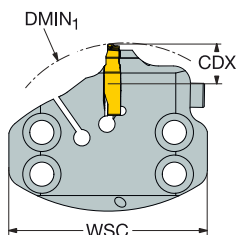
For the complete list of spare parts, visit www.sandvik.coromant.com



CoroCut® 1-2 head for profiling

Screw clamp design

CoroTurn® SL70 – Internal coolant supply



B

C

					Dimensions, mm, inch									
SSC	CZC _{MS}	CDX	DMIN ₁	CNSC	Ordering code	LF	WF	WSC	BAR PSI	NM	KG	MIID		
HL	70	11.0	100.0	1	SL70-R/L123H11LC-HP	15.5	38.4	70.0	80	3.1	0.31	L123H1-0200		
		.433	3.937			.610	1.512	2.756	1160					
HN	70	11.0	100.0	1	SL70-R/L123H11NC-HP	16.5	38.4	70.0	80	3.1	0.31	N123H1-0200		
		.433	3.937			.648	1.512	2.756	1160					
HR	70	11.0	100.0	1	SL70-R/L123H11RC-HP	17.4	38.4	70.0	80	3.1	0.31	R123H1-0200		
		.433	3.937			.685	1.512	2.756	1160					

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

D

Spare parts

Screw	Nozzle	Guide bush
3212 010-313	5691 026-23	5552 058-04

For the complete list of spare parts, visit www.sandvik.coromant.com

E

F

G

H



B4



F2



H37



H28



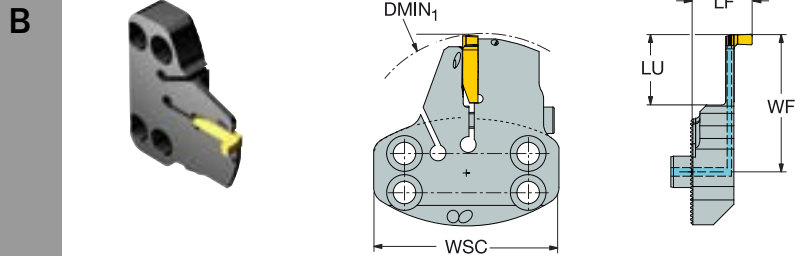
H5



H2

CoroCut® 1-2 head for grooving

Screw clamp design
CoroTurn® SL70 – Internal coolant supply



C

										Dimensions, mm, inch						
	SSC	CZC _{MS}	CDX	CDX ₂	DMIN ₁	LU	OHX	CNSC	Ordering code	LF	WF	WSC				MIID
	H	70	4.2	5.9	105.0	25.0	22.9	1	SL70-R/LG123H06C	22.9	52.0	70.0	30	8.0	0.30	RG123H1-0300-RO
			.165	.232	4.134	.984	.902			.902	2.047	2.756	435			
	L	70	6.0	9.8	150.0	31.0	27.7	1	SL70-R/LG123L09C	27.7	61.0	70.0	30	8.5	0.36	RG123L1-0300-RO
			.236	.386	5.906	1.220	1.091			1.091	2.402	2.756	435			

D

SSC = To correspond with SSC on insert. R = Right hand, L = Left hand
Note: Left hand inserts used in right hand holders, right hand inserts used in left hand holders.

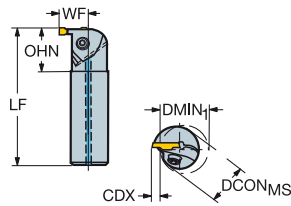
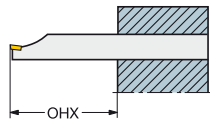
Spare parts	
Screw	Guide bush
3212 020-363	5552 058-04

For the complete list of spare parts, visit www.sandvik.coromant.com

CoroCut® 1-2 boring bar for grooving

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply



Metric version

								Ordering code	Dimensions						MIID
	SSC	CZC _{MS}	CDX	DMIN ₁	OHX	OHN	CNSC		DCON _{MS}	LF	WF	BAR	NM	KG	
	D	16	4.5	25.0	64.0	25.0	1	R/LAG123D04-16B	16	150.0	12.5	10	3.0	0.22	N123D2-0150-0002-CM
		20	5.0	32.0	80.0	30.0	1	R/LAG123D05-20B	20	180.0	15.3	10	3.0	0.43	N123D2-0150-0002-CM
	E	20	5.0	32.0	80.0	30.0	1	R/LAG123E05-20B	20	180.0	15.3	10	3.5	0.42	N123E2-0200- GM
		25	7.0	32.0	100.0	35.0	1	R/LAG123E07-25B	25	200.0	19.8	10	3.5	0.72	N123E2-0200- GM
	G	20	6.0	32.0	80.0	30.0	1	R/LAG123G06-20B	20	180.0	15.3	10	4.0	0.42	N123G2-0300- GM
		25	7.0	32.0	100.0	35.0	1	R/LAG123G07-25B	25	200.0	19.8	10	4.0	0.71	N123G2-0300- GM
	H	25	7.0	32.0	100.0	35.0	1	R/LAG123H07-25B	25	200.0	19.3	10	4.5	0.70	N123H2-0400- GM
	J	25	8.0	32.0	100.0	35.0	1	R/LAG123J08-25B	25	200.0	19.8	10	5.0	0.71	N123J2-0500- GM

Inch version

								Ordering code	Dimensions, inch						MIID
	SSC	CZC _{MS}	CDX	DMIN ₁	OHX	OHN	CNSC		LF	WF					
	D	5/8	.177	.984	2.500	.984	1	R/LAG123D016-10B	5.906	.489	145	2.2	.518	N123D2-0150-0002-CM	
		3/4	.197	1.260	3.000	1.181	1	R/LAG123D020-12B	7.087	.592	145	2.2	.794	N123D2-0150-0002-CM	
	E	3/4	.197	1.260	3.000	1.181	1	R/LAG123E020-12B	7.087	.592	145	2.6	.838	N123E2-0200- GM	
		1	.280	1.260	4.000	1.378	1	R/LAG123E028-16B	7.874	.785	145	2.6	1.235	N123E2-0200- GM	
	G	3/4	.236	1.260	3.000	1.181	1	R/LAG123G024-12B	7.087	.600	145	3.0	.783	N123G2-0300- GM	
		1	.276	1.260	4.000	1.378	1	R/LAG123G030-16B	7.874	.778	145	3.0	1.605	N123G2-0300- GM	
	H	1	.276	1.260	4.000	1.378	1	R/LAG123H030-16B	7.874	.758	145	3.3	1.631	N123H2-0400- GM	
	J	1	.315	1.260	4.000	1.378	1	R/LAG123J031-16B	7.874	.778	145	3.7	1.631	N123J2-0500- GM	

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Metric version

		Spare parts
SSC	CZC _{MS}	Clamping screw
D	16-20	5512 031-03
E	20	5512 031-03
E	25	3212 012-259
G	20	5512 031-03
G,H,J	25	3212 012-309

Inch version

		Spare parts
SSC	CZC _{MS}	Clamping screw
D	5/8-3/4	5512 031-03
E	3/4	5512 031-03
E	1	3212 012-259
G	3/4	5512 031-03
G,H,J	1	3212 012-309

For the complete list of spare parts, visit www.sandvik.coromant.com



B4



F2



G1



H37



H28



H18

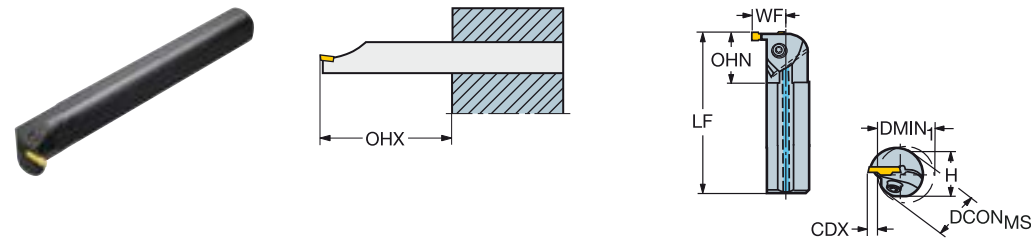


H5

CoroCut® 1-2 boring bar for grooving

Screw clamp design

Cylindrical with flats - Internal coolant supply



Metric version

								Dimensions								
	SSC	CZC _{MS}	CDX	DMIN ₁	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	LF	WF				MIID
	E	32	9.5	40.0	128.0	45.0	1	R/LAG123E09-32B	32	30.0	250.0	25.5	10	4.0	1.44	N123E2-0200- GM
	G	32	9.0	40.0	128.0	45.0	1	R/LAG123G09-32B	32	30.0	250.0	25.3	10	4.5	1.44	N123G2-0300- GM
		40	11.0	50.0	160.0	55.0	1	R/LAG123G11-40B	40	37.0	300.0	31.0	10	4.5	2.64	N123G2-0300- GM
	H	32	10.0	40.0	128.0	45.0	1	R/LAG123H10-32B	32	30.0	250.0	26.5	10	4.5	1.43	N123H2-0400- GM
		40	11.0	50.0	160.0	55.0	1	R/LAG123H11-40B	40	37.0	300.0	31.0	10	5.0	2.65	N123H2-0400- GM
	50	13.0	60.0	200.0	65.0	1	R/LAG123H13-50B	50	47.0	350.0	38.3	10	5.0	4.96	N123H2-0400- GM	
	J	32	11.0	40.0	128.0	45.0	1	R/LAG123J11-32B	32	30.0	250.0	27.0	10	5.0	1.42	N123J2-0500- GM
		40	11.0	50.0	160.0	55.0	1	R/LAG123J11-40B	40	37.0	300.0	31.0	10	5.5	2.64	N123J2-0500- GM
	50	13.0	60.0	200.0	65.0	1	R/LAG123J13-50B	50	47.0	350.0	38.3	10	5.5	5.22	N123J2-0500- GM	
	K	40	11.0	50.0	160.0	55.0	1	R/LAG123K11-40B	40	37.0	300.0	31.0	10	5.5	2.37	N123K2-0600- GM
		50	13.0	60.0	200.0	65.0	1	R/LAG123K13-50B	50	47.0	350.0	38.3	10	5.5	4.96	N123K2-0600- GM

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

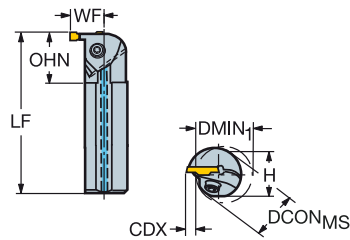
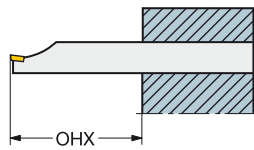
		Spare parts
SSC	CZC _{MS}	Clamping screw
E	32	3212 012-259
G	32	3212 012-309
G	40	3212 012-310
H	32	3212 012-359
H	40-50	3212 012-360
J	32	3212 012-359
J	40-50	3212 012-360
K	40-50	3212 012-360

For the complete list of spare parts, visit www.sandvik.coromant.com

CoroCut® 1-2 boring bar for grooving

Screw clamp design

Cylindrical with flats - Internal coolant supply



Inch version

									Dimensions, inch						
	SSC	CZC _{MS}	CDX	DMIN ₁	OHX	OHN	CNSC	Ordering code	H	LF	WF	PSI	FT/ LBS	LBS	MIID
	E	1 1/4	.374	1.575	5.000	1.772	1	R/LAG123E035-20B	1.180	9.843	1.014	145	3.0	3.175	N123E2-0200- GM
	G	1 1/4	.354	1.575	5.000	1.772	1	R/LAG123G037-20B	1.180	9.843	1.014	145	3.3	2.513	N123G2-0300- GM
		1 1/2	.430	1.969	6.000	2.165	1	R/LAG123G043-24B	1.460	11.811	1.189	145	3.3	5.409	N123G2-0300- GM
	H	1 1/4	.394	1.575	5.000	1.772	1	R/LAG123H039-20B	1.180	9.843	1.053	145	3.3	3.042	N123H2-0400- GM
		1 1/2	.430	1.969	6.000	2.165	1	R/LAG123H043-24B	1.460	11.811	1.220	145	3.7	5.423	N123H2-0400- GM
		2	.512	2.362	8.000	2.559	1	R/LAG123H051-32B	1.850	13.780	1.506	145	3.7	10.935	N123H2-0400- GM
	J	1 1/4	.433	1.575	5.000	1.772	1	R/LAG123J045-20B	1.180	9.843	1.073	145	3.7	3.042	N123J2-0500- GM
		1 1/2	.433	1.969	6.000	2.165	1	R/LAG123J045-24B	1.460	11.811	1.189	145	4.1	5.467	N123J2-0500- GM
		2	.512	2.362	8.000	2.559	1	R/LAG123J051-32B	1.850	13.780	1.524	145	4.1	11.169	N123J2-0500- GM
	K	1 1/2	.430	1.969	6.000	2.165	1	R/LAG123K043-24B	1.460	11.811	1.189	145	4.1	5.284	N123K2-0600- GM
	2	.512	2.362	8.000	2.559	1	R/LAG123K053-32B	1.850	13.780	1.524	145	4.1	11.217	N123K2-0600- GM	

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts		
SSC	CZC _{MS}	Clamping screw
E	1 1/4	3212 012-259
G	1 1/4	3212 012-309
G	1 1/2	3212 012-310
H	1 1/4	3212 012-359
H	1 1/2-2	3212 012-360
J	1 1/4	3212 012-359
J	1 1/2-2	3212 012-360
K	1 1/2-2	3212 012-360

For the complete list of spare parts, visit www.sandvik.coromant.com

B4



F2



G1



H37



H28



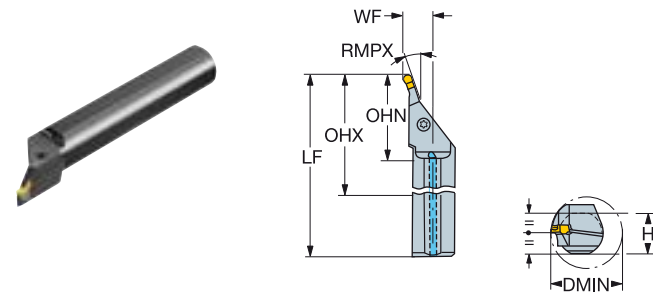
H18



H5

CoroCut® 1-2 boring bar for profiling

Screw clamp design
Cylindrical with flats - Internal coolant supply



C Metric version

									Ordering code	Dimensions								MIID
	SSC	CZC _{MS}	CDX	DMIN ₁	RMPX	OHX	OHN	CNSC		DCON _{MS}	H	LF	WF	HF				
	J	40	25.0	63.5	20°	160.0	65.6	1	R/LAX123J25-40B-020	40	37.0	254.0	26.0	18.5	10	3.0	2.14	N123J2-0600- AM
	L	40	25.0	63.5	20°	160.0	65.6	1	R/LAX123L25-40B-020	40	37.0	254.0	26.0	18.5	10	3.0	2.11	N123L2-0800- AM

D Inch version

										Dimensions, inch								
	SSC	CZC _{MS}	CDX	DMIN ₁	RMPX	OHX	OHN	CNSC	Ordering code	H	LF	WF	HF	PSI	FT/LBS	LBS	MIID	
	J	1 1/2	.941	2.500	20°	6.000	2.539	1	R/LAX123J094-24B-020	1.374	10.000	.961	.687	145	2.2	4.087	N123J2-0600- AM	
L	1 1/2	.941	2.500	20°	6.000	2.571	1	R/LAX123L094-24B-020	1.374	10.000	1.000	.687	145	2.2	4.189	N123L2-0800- AM		

E SSC = To correspond with SSC on insert. R = Right hand, L = Left hand

Spare parts
Clamping screw 5512 044-01

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H



CoroCut® QD

For secure parting off and deep grooving

Application

- Parting off
- Deep grooving
- When machining with long overhang

ISO application area:



Benefits and features

- Insert geometries optimize coolant access
- Insert grades with high edge-line security
- Chip breaking geometries
- Material alloy with high fatigue resistance
- No torque wrench needed, correct clamping force ensured with quick-release key
- Rail insert seat ensures stable, precise insert position



www.sandvik.coromant.com/corocutqd

Tools

- Coromant Capto® cutting units
- Parting blades
- Shank tools
- QS™ shank tools
- CoroTurn® SL heads

Inserts

- Insert grades and geometries dedicated for parting-off
- Wiper inserts for excellent surface finish

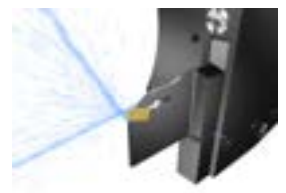
Key for insert indexing

Quick-release key for insert indexing with one hand.



Precision coolant

All tools have internal over and under coolant supply for chip control and tool life. The adapters have plug-and-play function for easy connection in the machine.



B72



B72



B72



H28

CoroCut® QD

B

Inserts

	Parting					Grooving	Turning	Profiling
								
	QD-CF	QD-CL	QD-CM	QD-CO	QD-CR	QD-GM	QD-TF	QD-RM
Insert width, mm	1.00-3.00	2.50-8.00	1.00-8.00	2.00-6.00	2.00-6.00	6.00-8.00	3.00-8.00	3.00-8.00
Insert width, inch	.039-.118	.098-.315	.039-.315	.079-.236	.079-.236	.236-.315	.118-.315	.118-.315
Page	B73	B73	B74	B75	B76	B77	B78	B79

D

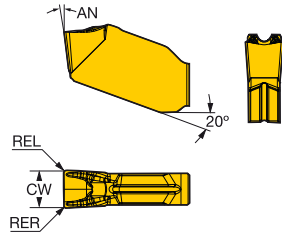
Tools

			
Tool holding	Parting and grooving	Parting	Grooving
Coromant Capto®	B80		
Blade			
Precision coolant Neutral coupling Right hand coupling Left hand coupling No coolant Neutral coupling Right hand coupling Left hand coupling		B87-B88 B89-B90 B91 B92-B93 B94 B95	
Shank			
Precision coolant Internal coolant No coolant	B81-B82 B83 B84-B85		
QS Shank	B86		
CoroTurn® SL cutting head			B96

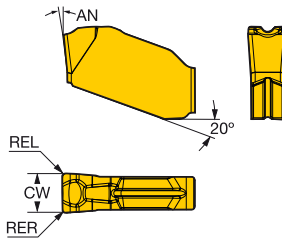
CoroCut® QD insert for parting



wiper TECHNOLOGY



		SSC CW REL RER				Ordering code	P			M			K		N		S		H	Dimensions, mm, inch										
							1105	1125	1135	1145	1105	1125	1135	1145	1125	1135	4325	1105	1125	1135	1105	1125	1135	1145	1135	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Finishing		B	1.00	0.07	0.07	QD-NB-0100-0001-CF		★				★				★						7°	-0.050	0.050	-0.050	0.050				
			.039	.003	.003						☆		★				★							-.0020	.0020	-.0020	.0020			
		C	1.20	0.10	0.10	QD-NC-0120-0001-CF		★				☆		★	★		★			☆			7°	-0.050	0.050	-0.050	0.050			
			.047	.004	.004															☆					-.0020	.0020	-.0020	.0020		
		D	1.50	0.10	0.10	QD-ND-0150-0001-CF		★		☆		☆		★	★		★			☆		★		7°	-0.050	0.050	-0.050	0.050		
			.059	.004	.004																				-.0020	.0020	-.0020	.0020		
		E	2.00	0.15	0.15	QD-NE-0200-0001-CF	☆	★	☆	☆	☆	☆	★	☆	★	☆		☆	★	☆	☆	☆	7°	-0.050	0.050	-0.050	0.050			
			.079	.006	.006																				-.0020	.0020	-.0020	.0020		
F	2.50	0.15	0.15	QD-NF-0250-0001-CF	☆	★	☆	☆	☆	☆	★	☆	☆	★	☆	★	☆	☆	☆	☆	7°	-0.050	0.050	-0.050	0.050					
		.098	.006	.006																				-.0020	.0020	-.0020	.0020			
G	3.00	0.15	0.15	QD-NG-0300-0001-CF	☆	★	☆	☆	☆	☆	★	☆	☆	★	☆	★	☆	☆	☆	☆	7°	-0.050	0.050	-0.050	0.050					
		.118	.006	.006																					-.0020	.0020	-.0020	.0020		



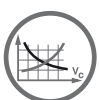
						P					M			K		N		S			H	Dimensions, mm, inch				
		SSC	CW	REL	RER	Ordering code	1125	1135	1145	1125	1135	1145	1125	1135	4325	1125	1135	1125	1135	1145	1135	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Medium		E	2.00	0.30	0.30	QD-NE-0200-0003-CL	☆	★		☆	★		★	☆		★	☆	★	☆	★	7°	-0.050	0.050	-0.050	0.050	
			.079	.012	.012																	-.0020	.0020	-.0020	.0020	
		F	2.50	0.30	0.30	QD-NF-0250-0003-CL	☆	★	☆	☆	★	☆	☆	★	★	☆	☆	☆	★	★	7°	-0.050	0.050	-0.050	0.050	
			.098	.012	.012																	-.0020	.0020	-.0020	.0020	
		G	3.00	0.30	0.30	QD-NG-0300-0003-CL	☆	★	☆	☆	★	☆	☆	★	★	☆	☆	☆	★	★	7°	-0.050	0.050	-0.050	0.050	
			.118	.012	.012																	-.0020	.0020	-.0020	.0020	
		H	4.00	0.30	0.30	QD-NH-0400-0003-CL	☆	★	☆	☆	★	☆	☆	★	★	☆	☆	☆	★	★	7°	-0.050	0.050	-0.050	0.050	
			.157	.012	.012																	-.0020	.0020	-.0020	.0020	
		J	5.00	0.40	0.40	QD-NJ-0500-0004-CL	☆	★	☆	☆	★	☆	☆	★	★	☆	☆	☆	★	★	7°	-0.050	0.050	-0.050	0.050	
			.197	.016	.016																	-.0020	.0020	-.0020	.0020	
	K	6.00	0.40	0.40	QD-NK-0600-0004-CL	☆	★	☆	☆	★	☆	☆	★	★	☆	☆	☆	★	★	7°	-0.050	0.050	-0.050	0.050		
		.236	.016	.016																	-.0020	.0020	-.0020	.0020		
	L	8.00	0.40	0.40	QD-NL-0800-0004-CL	☆	★		☆	★		☆	★	★	☆	★	☆	★		7°	-0.050	0.050	-0.050	0.050		
		.315	.016	.016																		-.0020	.0020	-.0020	.0020	

SSC = To correspond with SSC on holder.

N = Neutral



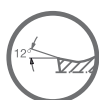
B72



B180



B202



B197



H37



H28



H19



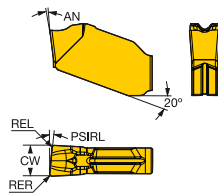
H4

CoroCut® QD insert for parting

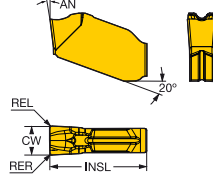
B



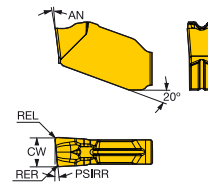
QD-L...-CM



QD-N...-CM



QD-R...-CM



C

									P				M				K			N			S				H	Dimensions, mm, inch					
									1105	1125	1135	1145	1105	1125	1135	1145	H13A	1125	1135	4325	H13A	1105	1125	1135	H13A	1105	1125			1135	H13A	1135	
Medium		SSC	CW	REL	RER	PSIRL	PSIRR	Ordering code																								AN	
		E	2.00	0.20	0.20	5°			QD-LE-0200-0502-CM																							7°	
			.079	.008	.008																												
		F	2.50	0.20	0.20	5°			QD-LF-0250-0502-CM																								7°
			.098	.008	.008																												
		G	3.00	0.20	0.20	5°			QD-LG-0300-0502-CM																								7°
			.118	.008	.008																												
		H	4.00	0.20	0.20	5°			QD-LH-0400-0502-CM																								7°
			.157	.008	.008																												
		B	1.00	0.07	0.07				QD-NB-0100-0001-CM																								7°
			.039	.003	.003																												
		C	1.20	0.10	0.10				QD-NC-0120-0001-CM																								7°
			.047	.004	.004																												
		D	1.50	0.10	0.10				QD-ND-0150-0001-CM																								7°
			.059	.004	.004																												
		E	2.00	0.20	0.20				QD-NE-0200-0002-CM																								7°
			.079	.008	.008																												
			2.39	0.20	0.20				QD-NE-0239-0002-CM																								7°
			.094	.008	.008																												
		F	2.50	0.20	0.20				QD-NF-0250-0002-CM																								7°
			.098	.008	.008																												
		G	3.00	0.20	0.20				QD-NG-0300-0002-CM																								7°
			.118	.008	.008																												
			3.00	0.40	0.40				QD-NG-0300-0004-CM																								7°
			.118	.016	.016																												
			3.18	0.20	0.20				QD-NG-0318-0002-CM																								7°
			.125	.008	.008																												
		H	4.00	0.20	0.20				QD-NH-0400-0002-CM																								7°
	.157	.008	.008																														
	4.00	0.40	0.40				QD-NH-0400-0004-CM																								7°		
	.157	.016	.016																														
	4.76	0.20	0.20				QD-NH-0476-0002-CM																								7°		
	.187	.008	.008																														
J	5.00	0.20	0.20				QD-NJ-0500-0002-CM																								7°		
	.197	.008	.008																														
K	6.00	0.30	0.30				QD-NK-0600-0003-CM																								7°		
	.236	.012	.012																														
	6.35	0.30	0.30				QD-NK-0635-0003-CM																								7°		
	.250	.012	.012																														
L	8.00	0.40	0.40				QD-NL-0800-0004-CM																								7°		
	.315	.016	.016																														
E	2.00	0.20	0.20		5°		QD-RE-0200-0502-CM																								7°		
	.079	.008	.008																														
F	2.50	0.20	0.20		5°		QD-RF-0250-0502-CM																								7°		
	.098	.008	.008																														
G	3.00	0.20	0.20		5°		QD-RG-0300-0502-CM																								7°		
	.118	.008	.008																														
H	4.00	0.20	0.20		5°		QD-RH-0400-0502-CM																								7°		
	.157	.008	.008																														

SSC = To correspond with SSC on holder.

N = Neutral, R = Right hand, L = Left hand

Tolerances:

	CWTOLL	CWTOLU	RETOLL	RETOLU
QD-L...-CM	-0.050	0.050	-0.05	0.05
QD-N...-CM	-0.050	0.050	-0.05	0.05
QD-R...-CM	-0.050	0.050	-0.05	0.05

H



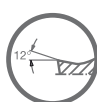
B72



B180



B202



B197



H37



H28

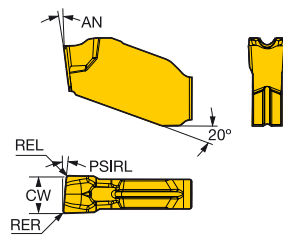


H19

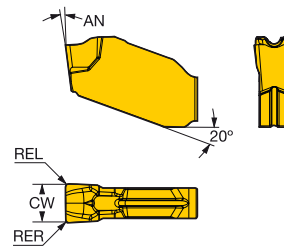
CoroCut® QD insert for parting



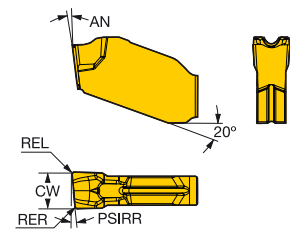
QD-L..-CO



QD-N..-CO



QD-R..-CO



									P				M				K			N			S				H		Dimensions, mm, inch			
		SSC	CW	REL	RER	PSIRL	PSIRR	Ordering code	1105	1125	1135	1145	1105	1125	1135	1145	H13A	1125	1135	H13A	1105	1125	1135	1145	H13A	1105	1125	1135		1145	H13A	1135
Flashing		E	2.00	0.10	0.10	8°	QD-LE-0200-0801-CO		★	☆	☆		☆	★	☆		★	☆			★	☆			☆	☆	☆	★		★	7°	
			.079	.004	.004																											
		F	2.50	0.10	0.10	8°	QD-LF-0250-0801-CO		★	☆	☆		☆	★	☆		★	☆			★	☆			☆	☆	☆	★		★	7°	
			.098	.004	.004																											
		G	3.00	0.10	0.10	5°	QD-LG-0300-0501-CO		★	☆	☆		☆	★	☆		★	☆			★	☆			☆	☆	☆	★		★	7°	
			.118	.004	.004																											
		E	2.00	0.10	0.10		QD-NE-0200-0001-CO	☆	★	☆	☆		☆	☆	★	☆	☆	★	☆	☆	☆	☆	☆	★	☆	☆	☆	☆	★	☆	★	7°
			.079	.004	.004																											
		F	2.50	0.10	0.10		QD-NF-0250-0001-CO	☆	★	☆	☆		☆	☆	★	☆	☆	★	☆	☆	☆	☆	☆	★	☆	☆	☆	☆	★	☆	★	7°
			.098	.004	.004																											
		G	3.00	0.10	0.10		QD-NG-0300-0001-CO	☆	★	☆	☆		☆	☆	★	☆	☆	★	☆	☆	☆	☆	☆	★	☆	☆	☆	☆	★	☆	★	7°
			.118	.004	.004																											
H	4.00	0.20	0.20		QD-NH-0400-0002-CO	☆	★	☆	☆		☆	☆	★	☆	☆	★	☆	☆	☆	☆	☆	★	☆	☆	☆	☆	★	☆	★	7°		
	.157	.008	.008																													
J	5.00	0.20	0.20		QD-NJ-0500-0002-CO	☆	★	☆	☆		☆	☆	★	☆		★	☆		☆	★	☆		☆	☆	☆	☆	★		★	7°		
	.197	.008	.008																													
K	6.00	0.20	0.20		QD-NK-0600-0002-CO	☆	★	☆	☆		☆	☆	★	☆		★	☆		☆	★	☆		☆	☆	☆	☆	★		★	7°		
	.236	.008	.008																													
E	2.00	0.10	0.10	8°	QD-RE-0200-0801-CO		★	☆	☆		☆	★	☆		★	☆			★	☆			☆	☆	☆	★		★	7°			
	.079	.004	.004																													
F	2.50	0.10	0.10	8°	QD-RF-0250-0801-CO		★	☆	☆		☆	★	☆		★	☆			★	☆			☆	☆	☆	★		★	7°			
	.098	.004	.004																													
G	3.00	0.10	0.10	5°	QD-RG-0300-0501-CO		★	☆	☆		☆	★	☆		★	☆			★	★			☆	☆	☆	★		★	7°			
	.118	.004	.004																													

SSC = To correspond with SSC on holder.

N = Neutral, R = Right hand, L = Left hand

Tolerances:

	CWTOLL	CWTOLU	RETOLL	RETOLU
QD-L..-CO	-0.020	0.020	-0.05	0.05
QD-N..-CO	-0.020	0.020	-0.05	0.05
QD-R..-CO	-0.020	0.020	-0.05	0.05



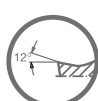
B72



B180



B72



B197



H37



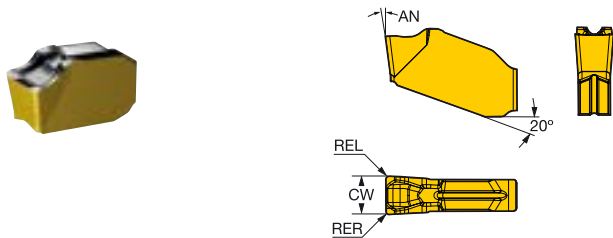
H28



H19

CoroCut® QD insert for parting

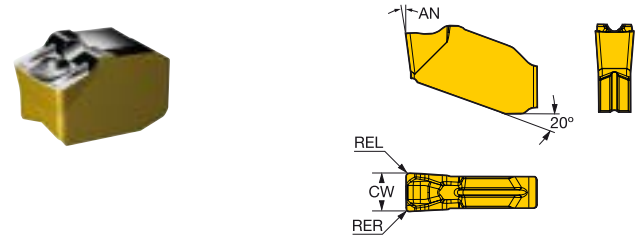
B



C

							P			M			K			N			S			H			Dimensions, mm, inch				
Roughing		SSC	CW	REL	RER	Ordering code	1125	1135	1145	1125	1135	1145	1125	1135	4325	1125	1135	1125	1135	1145	1135	AN	CWTOLL	CWTOLU	RETOLL	RETOLU			
		E	2.00	0.30	0.30	QD-NE-0200-0003-CR	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	7°	-0.050	0.050	-0.050	0.050			
			.079	.012	.012																		-.0020	.0020	-.0020	.0020			
		F	2.50	0.30	0.30	QD-NF-0250-0003-CR	★	★		★	★		★	★		★	★	★	★	★	★	7°	-0.050	0.050	-0.050	0.050			
			.098	.012	.012																		-.0020	.0020	-.0020	.0020			
		G	3.00	0.30	0.30	QD-NG-0300-0003-CR	★	★	★	★	★		★	★		★	★	★	★	★	★	7°	-0.050	0.050	-0.050	0.050			
			.118	.012	.012																		-.0020	.0020	-.0020	.0020			
		H	4.00	0.30	0.30	QD-NH-0400-0003-CR	★	★	★	★	★		★	★		★	★	★	★	★	★	7°	-0.050	0.050	-0.050	0.050			
			.157	.012	.012																		-.0020	.0020	-.0020	.0020			
	J	5.00	0.40	0.40	QD-NJ-0500-0004-CR	★	★	★	★	★		★	★		★	★	★	★	★	7°	-0.050	0.050	-0.050	0.050					
		.197	.016	.016																		-.0020	.0020	-.0020	.0020				
		K	6.00	0.40	0.40	QD-NK-0600-0004-CR	★	★	★	★	★		★	★		★	★	★	★	7°	-0.050	0.050	-0.050	0.050					
			.236	.016	.016																	-.0020	.0020	-.0020	.0020				

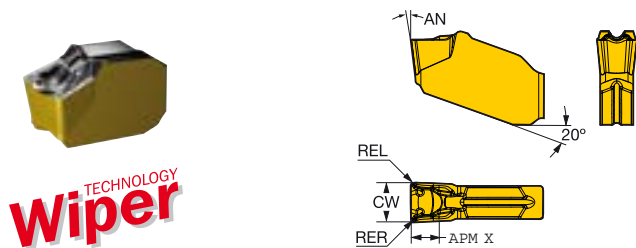
CoroCut® QD insert for grooving



							P			M			K			N			S			Dimensions, mm, inch				
Medium		SSC	CW	REL	RER	Ordering code	1125	1135	1145	1125	1135	1145	1125	1135	4325	1125	1135	1125	1135	1145	AN	CWTOLL	CWTOLU	RETOLL	RETOLU	
		K	6.00	0.40	0.40	QD-NK-0600-0004-GM	☆	★	☆	☆	★	☆	☆	☆	☆	★	★	☆	★	☆	☆	7°	-0.050	0.050	-0.050	0.050
			.236	.016	.016																		-.0020	.0020	-.0020	.0020
		L	8.00	0.80	0.80	QD-NL-0800-0008-GM	☆	★	☆	☆	★	☆	☆	☆	☆	★	★	☆	★	☆	☆	7°	-0.050	0.050	-0.050	0.050
			.315	.031	.031																		-.0020	.0020	-.0020	.0020

SSC = To correspond with SSC on holder. N = Neutral

CoroCut® QD insert for turning



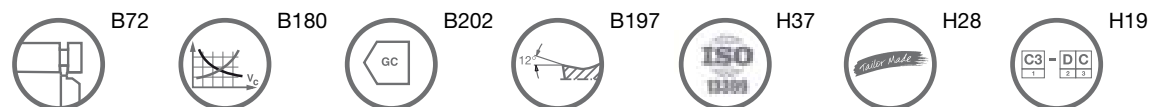
			SSC	CW	REL	RER	APMX	Ordering code	P				M				K			N			S				H	Dimensions, mm, inch			
									1105	1125	1135	1145	4325	1105	1125	1135	1145	H13A	1125	1135	4325	H13A	1105	1125	1135	H13A	1105		1125	1135	1145
Finishing		G	3.00	0.30	0.30	2.1	QD-NG-0300-0003-TF	☆	☆	★	☆		☆	☆	★	☆	☆	★	☆	☆	☆	☆	★	★	☆	☆	☆	☆	★	7°	
			.118	.012	.012	.083																									
		H	4.00	0.40	0.40	2.8	QD-NH-0400-0004-TF	☆	☆	★	☆		☆	☆	★	☆	☆	★	☆	☆	☆	☆	★	★	☆	☆	☆	☆	☆	★	7°
			.157	.016	.016	.110																									
		J	5.00	0.40	0.40	3.5	QD-NJ-0500-0004-TF	☆	☆	★	☆		☆	☆	★	☆	☆	★	☆	☆	☆	☆	★	★	☆	☆	☆	☆	☆	★	7°
			.197	.016	.016	.138																									
Medium		K	6.00	0.40	0.40	4.0	QD-NK-0600-0004-TF	☆	☆	★	☆		☆	☆	★	☆	☆	★	☆	☆	☆	☆	★	★	☆	☆	☆	☆	☆	★	7°
			.236	.016	.016	.157																									
		L	8.00	0.80	0.80	4.0	QD-NL-0800-0008-TF	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	☆	☆	☆	★	★	☆	☆	☆	☆	☆	☆	★	7°
			.315	.031	.031	.157																									
		G	3.00	0.40	0.40	2.1	QD-NG-0300-0004-TM		☆	★			☆	★			★	☆			★	☆			★	☆			☆	7°	
			.118	.016	.016	.083																									
		H	4.00	0.40	0.40	2.8	QD-NH-0400-0004-TM		☆	★			☆	★			★	☆			★	☆			★	☆			★	7°	
			.157	.016	.016	.110																									
			4.00	0.80	0.80	2.8	QD-NH-0400-0008-TM		☆	★			☆	★			★	☆			★	☆			★	☆			★	7°	
			.157	.031	.031	.110																									
		J	5.00	0.40	0.40	3.5	QD-NJ-0500-0004-TM		☆	★			☆	★			★	☆			★	☆			★	☆			★	7°	
			.197	.016	.016	.138																									
		K	6.00	0.40	0.40	4.0	QD-NK-0600-0004-TM		☆	★			☆	★			★	☆			★	☆			★	☆			★	7°	
			.236	.016	.016	.157																									

SSC = To correspond with SSC on holder.

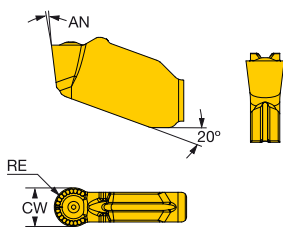
N = Neutral

Tolerances:

	CWTOLL	CWTOLU	RETOLL	RETOLU
QD-N..-TF	-0.050	0.050	-0.05	0.05
QD-N..-TM	-0.050	0.050	-0.05	0.05



CoroCut® QD insert for profiling



						P		M		K		N		S		Dimensions, mm, inch	
					Ordering code	1125	1135	4335	1125	1135	4335	1125	1135	4335	1125	1135	AN
Medium	G	3.00	1.50	1.3	QD-NG-0300-RM	☆	★	☆	☆	★	☆	☆	☆	★	☆	☆	7°
		.118	.059	.049													
	H	4.00	2.00	1.8	QD-NH-0400-RM	☆	★	☆	☆	★	☆	☆	☆	★	☆	☆	7°
		.157	.079	.071													
	K	6.00	3.00	2.5	QD-NK-0600-RM	☆	★	☆	☆	★	☆	☆	☆	★	☆	☆	7°
		.236	.118	.098													
	L	8.00	4.00	3.5	QD-NL-0800-RM	☆	★	☆	☆	★	☆	☆	☆	★	☆	☆	7°
		.315	.157	.138													

SSC = To correspond with SSC on holder. N = Neutral

Tolerances:		
	CWTOLL	CWTOLU
QD-N..-RM	-0.050	0.050

B72

B180

B202

B197

H37

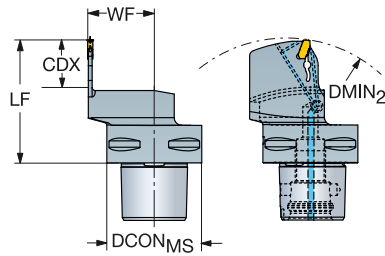
H28

H19

CoroCut® QD cutting unit for parting and grooving

Spring-lock design

Precision coolant supply



C

					Dimensions, mm, inch						MIID
SSC	CZC _{MS}	CDX	DMIN ₂	CNSC	Ordering code	DCON _{MS}	LF	WF			
E	C3	22.0	133.0	3	C3-QD-R/LFE22C22055A	32	55.0	22.0	150	0.21	QD-NE-0200-0002-CM
		.866	5.236			1.260	2.165	.866	2175		
	C4	22.0	151.0	3	C4-QD-R/LFE22C27060A	40	60.0	27.0	150	0.43	QD-NE-0200-0002-CM
D		.866	5.945			1.575	2.362	1.063	2175		
	F	25.0	133.0	3	C3-QD-R/LFF25C22055A	32	55.0	22.0	150	0.20	QD-NF-0250-0002-CM
		.984	5.236			1.260	2.165	.866	2175		
D	C4	25.0	151.0	3	C4-QD-R/LFF25C27060A	40	60.0	27.0	150	0.41	QD-NF-0250-0002-CM
		.984	5.945			1.575	2.362	1.063	2175		
	C5	25.0	170.0	3	C5-QD-RFF25C35065A	50	65.0	35.0	150	0.71	QD-NF-0250-0002-CM
D		.984	6.693			1.969	2.559	1.378	2175		
	G	25.0	133.0	3	C3-QD-RFG25C22055A	32	55.0	22.0	150	0.25	QD-NG-0300-0002-CM
		.984	5.236			1.260	2.165	.866	2175		
D	C4	25.0	151.0	3	C4-QD-R/LFG25C27060A	40	60.0	27.0	150	0.42	QD-NG-0300-0002-CM
		.984	5.945			1.575	2.362	1.063	2175		
	C5	25.0	170.0	3	C5-QD-R/LFG25C35065A	50	65.0	35.0	150	0.71	QD-NG-0300-0002-CM
D		.984	6.693			1.969	2.559	1.378	2175		
	C6	25.0	97.0	3	C6-QD-R/LFG25C45070A	63	70.0	45.0	150	1.21	QD-NG-0300-0002-CM
		.984	3.819			2.480	2.756	1.772	2175		
E	H	32.0	161.0	3	C4-QD-R/LFH32C27070A	40	70.0	27.0	150	0.40	QD-NH-0400-0002-CM
		1.260	6.339			1.575	2.756	1.063	2175		
	C5	32.0	175.0	3	C5-QD-R/LFH32C35070A	50	70.0	35.0	150	0.70	QD-NH-0400-0002-CM
E		1.260	6.890			1.969	2.756	1.378	2175		
	C6	32.0	202.0	3	C6-QD-R/LFH32C45075A	63	75.0	45.0	150	1.19	QD-NH-0400-0002-CM
		1.260	7.953			2.480	2.953	1.772	2175		
F	J	32.0	161.0	3	C4-QD-LFJ32C27070A	40	70.0	27.0	150	0.52	QD-NJ-0500-0002-CM
		1.260	6.339			1.575	2.756	1.063	2175		
	C5	32.0	175.0	3	C5-QD-R/LFJ32C35070A	50	70.0	35.0	150	0.63	QD-NJ-0500-0002-CM
F		1.260	6.890			1.969	2.756	1.378	2175		
	C6	32.0	202.0	3	C6-QD-LFJ32C45075A	63	75.0	45.0	150	1.20	QD-NJ-0500-0002-CM
		1.260	7.953			2.480	2.953	1.772	2175		
F	K	32.0	161.0	3	C4-QD-RFK32C27070A	40	70.0	27.0	150	0.46	QD-NK-0600-0003-CM
		1.260	6.339			1.575	2.756	1.063	2175		
	C5	32.0	175.0	3	C5-QD-R/LFK32C35070A	50	70.0	35.0	175	0.70	QD-NK-0600-0003-CM
F		1.260	6.890			1.969	2.756	1.378	2538		
	C6	40.0	212.0	3	C6-QD-R/LFK40C45085A	63	85.0	45.0	150	1.27	QD-NK-0600-0003-CM
		1.575	8.346			2.480	3.346	1.772	2175		
F	L	38.0	241.0	3	C8-QD-LFL38C51090A	80	90.0	51.0	150	2.31	QD-NL-0800-0004-CM
		1.496	9.488			3.150	3.543	2.008	2175		

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

For the complete list of spare parts, visit www.sandvik.coromant.com

G



B72



F2



E1



G1



H37



H28



H21

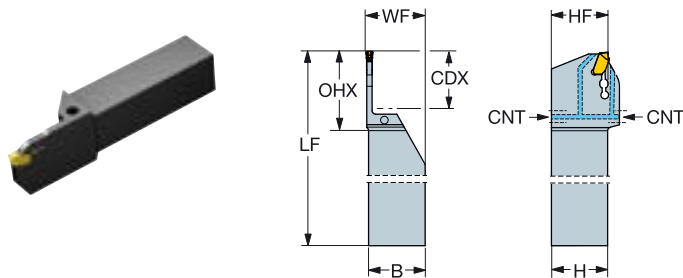


H5

CoroCut® QD shank tool for parting and grooving

Spring-lock design

Precision coolant supply



Metric version

							Dimensions											
	SSC	CZC _{MS}	CDX	OHX	CNSC	Ordering code	B	H	LF	WF	HF	CNT			MIID			
	H	32 x 32	33.0	55.0	2	QD-R/LFH33C3232A	32.0	32.0	170.0	33.0	32.0	G 1/8-28	150	1.13	QD-NH-0400-0002-CM			
		32 x 32	45.0	66.0	2	QD-R/LFH45C3232A	32.0	32.0	170.0	33.0	32.0	G 1/8-28	150	1.08	QD-NH-0400-0002-CM			
	J	32 x 32	33.0	54.0	2	QD-R/LFJ33C3232A	32.0	32.0	170.0	33.0	32.0	G 1/8-28	150	1.13	QD-NJ-0500-0002-CM			
		32 x 32	45.0	66.0	2	QD-R/LFJ45C3232A	32.0	32.0	170.0	33.0	32.0	G 1/8-28	150	1.09	QD-NJ-0500-0002-CM			
	K	32 x 32	33.0	55.0	2	QD-R/LFK33C3232A	32.0	32.0	170.0	33.0	32.0	G 1/8-28	150	1.13	QD-NK-0600-0003-CM			
		32 x 32	45.0	67.0	2	QD-R/LFK45C3232A	32.0	32.0	170.0	33.0	32.0	G 1/8-28	150	1.08	QD-NK-0600-0003-CM			
		40 x 40	60.0	83.1	2	QD-R/LFK60C4040A	40.0	40.0	250.0	40.3	40.0	G 1/8-28	150	2.52	QD-NK-0600-0003-CM			
L	32 x 32	45.0	70.0	2	QD-R/LFL45C3232A	32.0	32.0	170.0	32.3	32.0	G 1/8-28	150	1.13	QD-NL-0800-0004-CM				
	40 x 40	65.0	90.0	2	QD-R/LFL65C4040A	40.0	40.0	250.0	40.3	40.0	G 1/8-28	150	2.52	QD-NL-0800-0004-CM				

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts		
SSC	CZC _{MS}	Coolant plug
H	32 x 32	5643 018-01
J	32 x 32	5643 018-01
K	32 x 32	5643 018-01
K	40 x 40	3214 012-01
L	32 x 32-40 x 40	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

B72



F2



E1



G1



H37



H28



H21

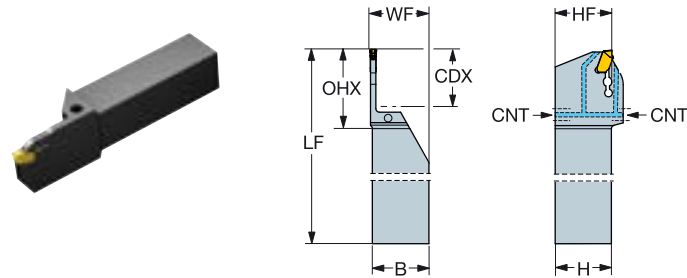


H5

CoroCut® QD shank tool for parting and grooving

Spring-lock design

Precision coolant supply



Inch version

							Dimensions, inch									
	SSC	CZC _{MS}	CDX	OHX	CNSC	Ordering code	B	H	LF	WF	HF	CNT			MIID	
	G	3/4 x 3/4	1.000	1.929	2	QD-R/LFG1000C12A	.750	.750	5.000	.800	.750	G 1/8-28	2175	.650	QD-NG-0300-0002-CM	
		1 x 1	1.000	1.890	2	QD-R/LFG1000C16A	1.000	1.000	6.000	1.010	1.000	G 1/8-28	2175	1.367	QD-NG-0300-0002-CM	
		1 x 1	1.300	2.402	2	QD-R/LFG1300C16A	1.000	1.000	6.000	1.010	1.000	G 1/8-28	2175	1.321	QD-NG-0300-0002-CM	
	H	3/4 x 3/4	1.300	2.205	2	QD-R/LFH1300C12A	.750	.750	5.000	.800	.750	G 1/8-28	2175	.631	QD-NH-0400-0002-CM	
		1 x 1	1.300	1.693	2	QD-R/LFH1300C16A	1.000	1.000	6.000	1.010	1.000	G 1/8-28	2175	1.347	QD-NH-0400-0002-CM	
		1 x 1	1.600	2.520	2	QD-R/LFH1600C16A	1.000	1.000	6.000	1.010	1.000	G 1/8-28	2175	1.279	QD-NH-0400-0002-CM	
		1 1/4 x 1 1/4	1.800	2.677	2	QD-R/LFH1800C20A	1.250	1.250	7.000	1.299	1.250	G 1/8-28	2175	1.940	QD-NH-0400-0002-CM	
		1 1/4 x 1 1/4	1.300	2.165	2	QD-RFH1300C20A	1.250	1.250	7.000	1.299	1.250	G 1/8-28	2175	2.028	QD-NH-0400-0002-CM	
	J	1 1/4 x 1 1/4	1.300	2.165	2	QD-R/LFJ1300C20A	1.250	1.250	7.000	1.299	1.250	G 1/8-28	2175	2.478	QD-NJ-0500-0002-CM	
		1 1/4 x 1 1/4	1.800	2.638	2	QD-RFJ1800C20A	1.250	1.250	7.000	1.299	1.250	G 1/8-28	2175	2.341	QD-NJ-0500-0002-CM	
	K	1 1/4 x 1 1/4	1.300	2.165	2	QD-R/LFK1300C20A	1.250	1.250	7.000	1.299	1.250	G 1/8-28	2175	2.557	QD-NK-0600-0003-CM	
	L	1 1/4 x 1 1/4	1.750	2.736	2	QD-R/LFL1750C20A	1.250	1.250	7.000	.302	.787	G 1/8-28	2175	2.615	QD-NL-0800-0004-CM	
	1 1/2 x 1 1/2	1.500	2.484	2	QD-LFL1500C24A	1.500	1.500	10.000	.302	.945	G 1/8-28	2175	5.611	QD-NL-0800-0004-CM		
	1 1/2 x 1 1/2	2.500	3.484	2	QD-R/LFL2500C24A	1.500	1.500	10.000	.302	.945	G 1/8-28	2175	5.205	QD-NL-0800-0004-CM		

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

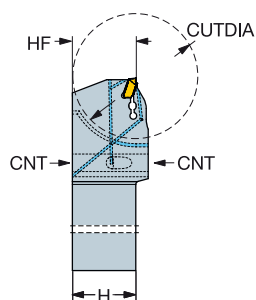
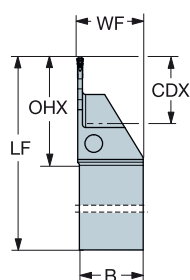
		Spare parts
SSC	CZC _{MS}	Coolant plug
G	3/4 x 3/4-1 x 1	3214 012-01
H	3/4 x 3/4-1 x 1	3214 012-01
H	1 1/4 x 1 1/4	5643 018-01
J	1 1/4 x 1 1/4	5643 018-01
K	1 1/4 x 1 1/4	5643 018-01
L	1 1/4 x 1 1/4-1 1/2 x 1 1/2	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

CoroCut® QD shank tool for parting and grooving

Spring-lock design

Internal coolant supply



Metric version

						Dimensions												MIID
	SSC	CZC _{MS}	CDX	OHX	CNSC	Ordering code	B	H	LF	WF	HF	CUTDIA	CNT	BAR	KG			
	G	32 x 32	33.0	54.0	2	QD-R/LFG33C3232D	32.0	32.0	170.0	33.0	32.0	66	G 1/8-28	150	1.17			QD-NG-0300-0002-CM

Inch version

						Dimensions, inch												MIID
	SSC	CZC _{MS}	CDX	OHX	CNSC	Ordering code	B	H	LF	WF	HF	CUTDIA	CNT	PSI	LBS			
	G	1 1/4 x 1 1/4	1.300	2.165	2	QD-R/LFG1300C20D	1.250	1.250	7.000	1.299	1.250	2.600	G 1/8-28	2175	2.690			QD-NG-0300-0002-CM

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts

Coolant plug
5643 018-01For the complete list of spare parts, visit www.sandvik.coromant.com

B72



F2



E1



G1



H37



H28



H21

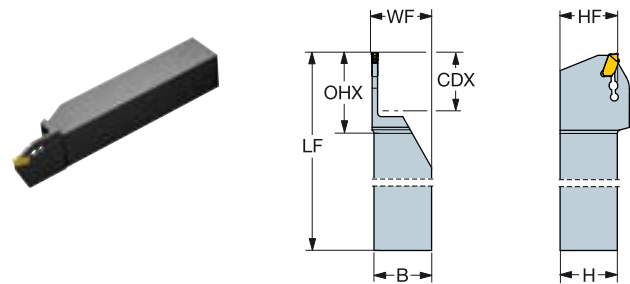


H5

CoroCut® QD shank tool for parting and grooving

Spring-lock design

B



C

Metric version

						Dimensions						
	SSC	CZC _{MIS}	CDX	OHX	Ordering code	B	H	LF	WF	HF		MIID
	E	25 x 25	20.0	29.0	QD-R/LFE20-2525A	25.0	25.0	150.0	25.3	25.0	0.67	QD-NE-0200-0002-CM
	F	25 x 25	26.0	35.0	QD-R/LFF26-2525A	25.0	25.0	150.0	25.3	25.0	0.65	QD-NF-0250-0002-CM
	G	25 x 25	26.0	36.0	QD-R/LFG26-2525A	25.0	25.0	150.0	25.3	25.0	0.65	QD-NG-0300-0002-CM
	H	25 x 25	33.0	42.0	QD-R/LFH33-2525A	25.0	25.0	150.0	25.3	25.0	0.62	QD-NH-0400-0002-CM

D

Inch version

						Dimensions, inch						
	SSC	CZC _{MIS}	CDX	OHX	Ordering code	B	H	LF	WF	HF	LBS	MIID
	E	1 x 1	.750	1.181	QD-R/LFE0750-16A	1.000	1.000	6.000	1.010	1.000	1.559	QD-NE-0200-0002-CM
	F	1 x 1	1.000	1.378	QD-R/LFF1000-16A	1.000	1.000	6.000	1.010	1.000	1.506	QD-NF-0250-0002-CM
	G	1 x 1	1.000	1.417	QD-R/LFG1000-16A	1.000	1.000	6.000	1.010	1.000	1.501	QD-NG-0300-0002-CM
	H	1 x 1	1.300	1.654	QD-R/LFH1300-16A	1.000	1.000	6.000	1.010	1.000	1.504	QD-NH-0400-0002-CM

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com

F

G

H

B72

F2

E1

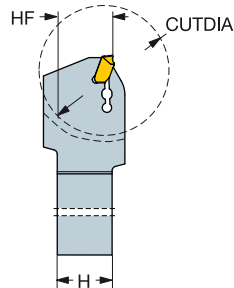
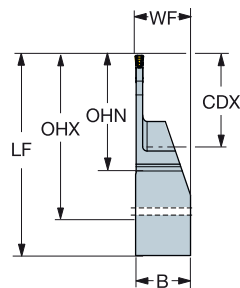
H37

H28

H21

CoroCut® QD shank tool for parting and grooving

Spring-lock design



Metric version

							Dimensions							
	SSC	CZC _{MS}	CDX	OHX	OHN	Ordering code	B	H	LF	WF	HF	CUTDIA		MIID
	B	16 x 16	10.0	25.0	25.0	QD-R/LFB10-1616S	16.0	16.0	125.0	16.0	16.0	20	0.24	QD-NB-0100-0001-CM
		20 x 20	10.0	25.0	25.0	QD-R/LFB10-2020S	20.0	20.0	125.0	20.0	20.0	20	0.37	QD-NB-0100-0001-CM
	C	16 x 16	13.0	26.1	26.1	QD-R/LFC13-1616S	16.0	16.0	125.0	16.0	16.0	26	0.24	QD-NC-0125-0001-CM
		20 x 20	13.0	25.0	25.0	QD-R/LFC13-2020S	20.0	20.0	125.0	20.0	20.0	26	0.37	QD-NC-0125-0001-CM
	D	16 x 16	16.0	25.0	25.0	QD-R/LFD16-1616S	16.0	16.0	125.0	16.0	16.0	32	0.24	QD-ND-0150-0001-CM
		20 x 20	16.0	25.0	25.0	QD-R/LFD16-2020S	20.0	20.0	125.0	20.0	20.0	32	0.37	QD-ND-0150-0001-CM
	E	16 x 16	20.0	29.0		QD-R/LFE20-1616S	16.0	16.0	125.0	16.0	16.0	40	0.25	QD-NE-0200-0002-CM
		20 x 20	26.0	35.0		QD-R/LFE26-2020S	20.0	20.0	125.0	20.0	20.0	52	0.36	QD-NE-0200-0002-CM
	F	16 x 16	20.0	29.0		QD-R/LFF20-1616S	16.0	16.0	125.0	16.0	16.0	40	0.25	QD-NF-0250-0002-CM
		20 x 20	26.0	35.0		QD-R/LFF26-2020S	20.0	20.0	125.0	20.0	20.0	52	0.37	QD-NF-0250-0002-CM
	G	16 x 16	20.0	29.0		QD-R/LFG20-1616S	16.0	16.0	125.0	16.0	16.0	40	0.25	QD-NG-0300-0002-CM
		20 x 20	33.0	42.0		QD-R/LFG33-2020S	20.0	20.0	125.0	20.0	20.0	66	0.35	QD-NG-0300-0002-CM
	H	20 x 20	33.0	42.0		QD-R/LFH33-2020S	20.0	20.0	125.0	20.0	20.0	66	0.35	QD-NH-0400-0002-CM

Inch version

							Dimensions, inch							
	SSC	CZC _{MS}	CDX	OHX	OHN	Ordering code	B	H	LF	WF	HF	CUTDIA	LBS	MIID
	B	5/8 x 5/8	.375	1.000	1.000	QD-R/LFB0375-10S	.625	.625	5.000	.629	.625	.750	.489	QD-NB-0100-0001-CM
		3/4 x 3/4	.375	.984	.984	QD-R/LFB0375-12S	.750	.750	5.000	.754	.750	.750	.703	QD-NB-0100-0001-CM
	C	5/8 x 5/8	.500	1.000	1.000	QD-RFC0500-10S	.625	.625	5.000	.629	.625	1.000	.483	QD-NC-0125-0001-CM
		3/4 x 3/4	.500	.984	.984	QD-R/LFC0500-12S	.750	.750	5.000	.754	.750	1.000	.697	QD-NC-0125-0001-CM
	D	5/8 x 5/8	.625	1.000	1.000	QD-R/LFD0625-10S	.625	.625	5.000	.631	.625	1.250	.478	QD-ND-0150-0001-CM
		3/4 x 3/4	.625	.984	.984	QD-R/LFD0625-12S	.750	.750	5.000	.756	.750	1.250	.690	QD-ND-0150-0001-CM
	E	3/8 x 3/8	.500	.866	.866	QD-LFE0500-06S	.375	.375	5.000	.375	.375	1.000	.179	QD-NE-0200-0002-CM
		1/2 x 1/2	.625	.866	.866	QD-R/LFE0625-08S	.500	.500	5.000	.500	.500	1.250	.311	QD-NE-0200-0002-CM
		5/8 x 5/8	.800	1.181		QD-R/LFE0800-10S	.625	.625	5.000	.625	.625	1.600	.463	QD-NE-0200-0002-CM
		3/4 x 3/4	1.000	1.378		QD-R/LFE1000-12S	.750	.750	5.000	.750	.750	2.000	.740	QD-NE-0200-0002-CM
	F	5/8 x 5/8	.800	1.181		QD-R/LFF0800-10S	.625	.625	5.000	.625	.625	1.600	.467	QD-NF-0250-0002-CM
		3/4 x 3/4	1.000	1.378		QD-R/LFF1000-12S	.750	.750	5.000	.750	.750	2.000	.642	QD-NF-0250-0002-CM
	G	5/8 x 5/8	.800	1.181		QD-R/LFG0800-10S	.625	.625	5.000	.625	.625	1.600	.470	QD-NG-0300-0002-CM
		3/4 x 3/4	1.300	1.654		QD-R/LFG1300-12S	.750	.750	5.000	.750	.750	2.600	.608	QD-NG-0300-0002-CM
	H	3/4 x 3/4	1.300	1.654		QD-R/LFH1300-12S	.750	.750	5.000	.750	.750	2.600	.729	QD-NH-0400-0002-CM

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com



B72



F2



E1



H37



H28

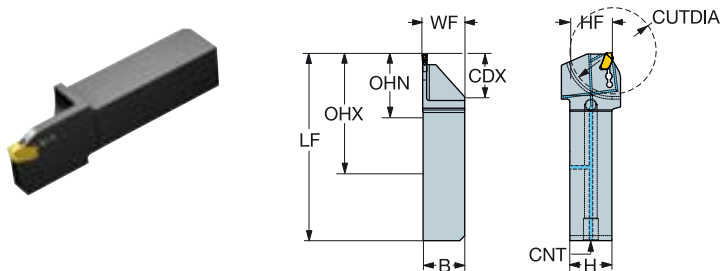


H21

CoroCut® QD QS shank tool for parting and grooving

Spring-lock design

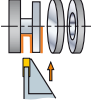
Precision coolant supply



Metric version

								Dimensions												
	SSC	CZC _{MS}	CDX	OHX	OHN	CNSC	Ordering code	B	H	LF	WF	HF	CUTDIA	CNT			MIID			
	D	20 x 20	16.0	45.0	25.0	1	QS-QD-R/LFD16C2020D	20.0	20.0	88.7	20.0	20.0	32	G 1/8-28	150	0.24	QD-ND-0150-0001-CM			
	E	20 x 20	20.0	41.6	21.6	3	QS-QD-R/LFE20C2020D	20.0	20.0	90.6	20.5	20.0	40	G 1/8-28	150	0.25	QD-NE-0200-0002-CM			
		25 x 25	26.0	52.6	27.6	3	QS-QD-R/LFE26C2525D	25.0	25.0	111.6	26.0	25.0	52	G 1/8-28	150	0.16	QD-NE-0200-0002-CM			
	F	20 x 20	26.0	41.6	21.6	3	QS-QD-R/LFF26C2020D	20.0	20.0	90.6	20.5	20.0	40	G 1/8-28	150	0.26	QD-NF-0250-0002-CM			
		25 x 25	26.0	52.6	27.6	3	QS-QD-R/LFF26C2525D	25.0	25.0	111.6	26.0	25.0	52	G 1/8-28	150	0.47	QD-NF-0250-0002-CM			
	G	20 x 20	26.0	41.6	21.6	3	QS-QD-R/LFG26C2020D	20.0	20.0	90.6	20.5	20.0	52	G 1/8-28	150	0.26	QD-NG-0300-0002-CM			
		25 x 25	26.0	52.6	27.6	3	QS-QD-R/LFG26C2525D	25.0	25.0	111.6	26.0	25.0	52	G 1/8-28	150	0.47	QD-NG-0300-0002-CM			
		25 x 25	33.0	52.6	34.6	3	QS-QD-R/LFG33C2525D	25.0	25.0	118.6	26.0	25.0	66	G 1/8-28	150	0.47	QD-NG-0300-0002-CM			
	H	20 x 20	33.0	54.6	34.6	3	QS-QD-R/LFH33C2020D	20.0	20.0	103.6	20.5	20.0	66	G 1/8-28	150	0.26	QD-NH-0400-0002-CM			
		25 x 25	40.0	46.6	41.6	3	QS-QD-R/LFH40C2525D	25.0	25.0	125.6	25.5	25.0	80	G 1/8-28	150	0.49	QD-NH-0400-0002-CM			
	J	25 x 25	40.0	66.6	41.6	3	QS-QD-R/LFJ40C2525D	25.0	25.0	125.6	25.5	25.0	80	G 1/8-28	150	0.50	QD-NJ-0500-0002-CM			
	K	25 x 25	40.0	66.6	41.6	3	QS-QD-R/LFK40C2525D	25.0	25.0	125.6	25.5	25.0	80	G 1/8-28	150	0.49	QD-NK-0600-0003-CM			

Inch version

								Dimensions, inch											
	SSC	CZC _{MS}	CDX	OHX	OHN	CNSC	Ordering code	B	H	LF	WF	HF	CUTDIA	CNT			MIID		
	D	5/8 x 5/8	.625	1.732	.984	1	QS-QD-R/LFD0625C12D	.625	.625	3.492	.750	.750	1.250	G 1/8-28	2175	.421	QD-ND-0150-0001-CM		
	E	3/4 x 3/4	.800	1.614	.863	3	QS-QD-R/LFE0800C12D	.750	.750	3.579	.770	.750	1.600	G 1/8-28	2175	.414	QD-NE-0200-0002-CM		
		1 x 1	1.000	2.063	1.063	3	QS-QD-RFE1000C16D	1.000	1.000	4.370	1.020	1.000	2.000	G 1/8-28	2175	1.049	QD-NE-0200-0002-CM		
	F	3/4 x 3/4	1.000	1.811	1.063	3	QS-QD-R/LFF1000C12D	.750	.750	3.780	.770	.750	2.000	G 1/8-28	2175	.419	QD-NF-0250-0002-CM		
		1 x 1	1.000	2.063	1.063	3	QS-QD-R/LFF1000C16D	1.000	1.000	4.370	1.020	1.000	2.000	G 1/8-28	2175	.957	QD-NF-0250-0002-CM		
	G	3/4 x 3/4	1.000	1.811	1.063	3	QS-QD-R/LFG1000C12D	.750	.750	3.780	.770	.750	2.000	G 1/8-28	2175	.520	QD-NG-0300-0002-CM		
		1 x 1	1.000	2.063	1.063	3	QS-QD-R/LFG1000C16D	1.000	1.000	4.370	1.020	1.000	2.000	G 1/8-28	2175	.963	QD-NG-0300-0002-CM		
		1 x 1	1.300	2.363	1.363	3	QS-QD-R/LFG1300C16D	1.000	1.000	4.669	1.020	1.000	2.600	G 1/8-28	2175	1.071	QD-NG-0300-0002-CM		
	H	3/4 x 3/4	1.300	2.110	1.362	3	QS-QD-R/LFH1300C12D	.750	.750	4.079	.770	.750	2.600	G 1/8-28	2175	.439	QD-NH-0400-0002-CM		
		1 x 1	1.600	2.663	1.663	3	QS-QD-R/LFH1600C16D	1.000	1.000	4.969	1.020	1.000	3.200	G 1/8-28	2175	.979	QD-NH-0400-0002-CM		
	J	1 x 1	1.600	2.663	1.663	3	QS-QD-RFJ1600C16D	1.000	1.000	4.969	1.020	1.000	3.200	G 1/8-28	2175	1.301	QD-NJ-0500-0002-CM		
	K	1 x 1	1.600	2.663	1.663	3	QS-QD-R/LFK1600C16D	1.000	1.000	4.969	1.020	1.000	3.200	G 1/8-28	2175	1.012	QD-NK-0600-0003-CM		

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts	
Plug	Plug
3214 013-01	3214 012-01

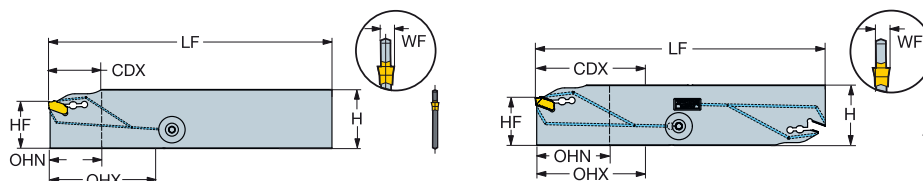
For the complete list of spare parts, visit www.sandvik.coromant.com



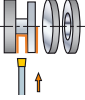
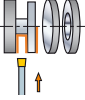
CoroCut® QD blade for parting

Spring-lock design

Neutral coupling – Precision coolant supply



Single ended parting blade

								Dimensions, mm, inch						
	SSC	CZC _{MS}	CDX	OHX	OHN	CNSC	Ordering code	H	LF	WF	HF			MIID
	E	25	26.0	26.0	17.0	2	QD-NR1E26C25A	31.9	150.0	1.8	25.0	70	0.12	QD-NE-0200-0002-CM
			1.024	1.024	.669			1.256	5.906	.069	.984	1015		
	F	25	33.0	33.0	17.0	2	QD-NR1F33C25A	31.9	150.0	2.3	25.0	70	1.22	QD-NF-0250-0002-CM
			1.299	1.299	.669			1.256	5.906	.089	.984	1015		
	G	25	60.0	60.0	17.0	2	QD-NN1G60C25A	31.9	150.0	2.7	25.0	70	0.13	QD-NG-0300-0002-CM
			2.362	2.362	.669			1.256	5.906	.105	.984	1015		
	H	21	36.0	36.0	17.0	2	QD-NN1H36C21A	25.9	110.0	3.7	21.4	70	0.11	QD-NH-0400-0002-CM
			1.417	1.417	.669			1.020	4.331	.145	.843	1015		
		25	60.0	60.0	17.0	2	QD-NN1H60C25A	31.9	150.0	3.7	25.0	70	0.16	QD-NH-0400-0002-CM
			2.362	2.362	.669			1.256	5.906	.145	.984	1015		

Double ended parting blade

								Dimensions, mm, inch							
	SSC	CZC _{MS}	CDX	OHX	OHN	CNSC	Ordering code	H	LF	WF	HF			MIID	
D	25	16.0	50.0	18.0	2	QD-NR2D16C25A	31.9	150.0	2.5	25.0	70	0.10	QD-ND-0150-0001-CM		
			.630	1.969			.709	1.256	5.906	.098	.984	1015			
E	25	26.0	60.0	26.0	2	QD-NR2E26C25A	31.9	150.0	2.6	25.0	70	0.12	QD-NE-0200-0002-CM		
			1.024	2.362			1.024	1.256	5.906	.102	.984	1015			
F	25	33.0	50.0	33.0	2	QD-NR2F33C25A	31.9	150.0	2.6	25.0	70	0.11	QD-NF-0250-0002-CM		
			1.299	1.969			1.299	1.256	5.906	.102	.984	1015			
G	21	36.0	36.0	19.0	2	QD-NN2G36C21A	25.9	110.0	2.7	21.4	70	0.09	QD-NG-0300-0002-CM		
			1.417	1.417			.748	1.020	4.331	.105	.843	1015			
	25	60.0	60.0	20.0	2	QD-NN2G60C25A	31.9	150.0	2.7	25.0	70	0.12	QD-NG-0300-0002-CM		
			2.362	2.362			.787	1.256	5.906	.105	.984	1015			
	45	80.0	80.0	30.0	2	QD-NN2G80C45A	52.5	225.0	2.7	45.0	70	0.30	QD-NG-0300-0002-CM		
			3.150	3.150			1.181	2.067	8.858	.105	1.772	1015			
H	25	60.0	60.0	20.0	2	QD-NN2H60C25A	31.9	150.0	3.7	25.0	70	0.15	QD-NH-0400-0002-CM		
			2.362	2.362			.787	1.256	5.906	.145	.984	1015			
	45	80.0	80.0	30.0	2	QD-NN2H80C45A	52.5	225.0	3.7	45.0	70	0.38	QD-NH-0400-0002-CM		
			3.150	3.150			1.181	2.067	8.858	.145	1.772	1015			
J	25	60.0	60.0	25.0	2	QD-NN2J60C25A	31.9	150.0	4.7	25.0	70	0.17	QD-NJ-0500-0002-CM		
			2.362	2.362			.984	1.256	5.906	.184	.984	1015			
	45	80.0	80.0	30.0	2	QD-NN2J80C45A	52.5	225.0	4.7	45.0	70	0.45	QD-NJ-0500-0002-CM		
			3.150	3.150			1.181	2.067	8.858	.184	1.772	1015			
K	25	60.0	60.0	24.0	2	QD-NN2K60C25A	31.9	150.0	5.7	25.0	70	0.20	QD-NK-0600-0003-CM		
			2.362	2.362			.945	1.256	5.906	.223	.984	1015			
	45	80.0	80.0	30.0	2	QD-NN2K80C45A	52.5	225.0	5.7	45.0	70	0.53	QD-NK-0600-0003-CM		
			3.150	3.150			1.181	2.067	8.858	.223	1.772	1015			
L	45	80.0	80.0	25.0	2	QD-NN2L80C45A	52.5	225.0	7.7	45.0	70	0.67	QD-NL-0800-0004-CM		
		3.150	3.150	.984			2.067	8.858	.302	1.772	1015				

SSC = To correspond with SSC on insert.

Spare parts			
SSC	CZC _{MS}	Coolant plug	Plug
D,E,F	25	5643 028-01	5645 040-01
G	21	5643 028-01	5645 040-02
G	25-45	5643 028-01	5645 040-01
H,J,K,L	21-45	5643 028-01	5645 040-01

For the complete list of spare parts, visit www.sandvik.coromant.com



B72



F2



E1



H37



H28



H20

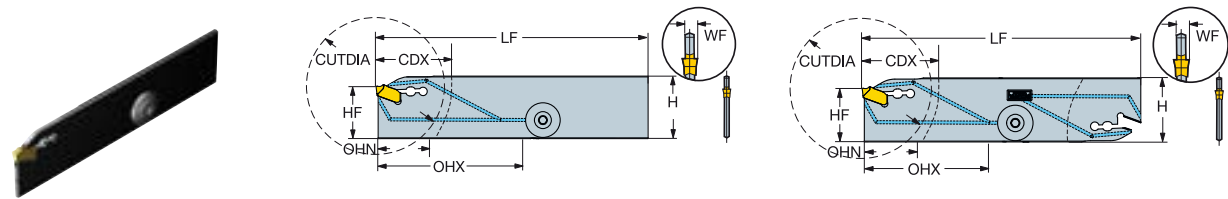


H5

CoroCut® QD blade for parting

Spring-lock design
Neutral coupling – Precision coolant supply

B



Single-ended parting blade with curved reinforcement

C

							Dimensions, mm, inch								MIID
	SSC	CZC _{MS}	CDX	OHX	OHN	CNSC	Ordering code	H	LF	WF	HF	CUTDIA	BAR PSI	KG	
	F	21	33.0	36.0	33.0	2	QD-NR1F33C21D	25.9	110.0	2.6	21.4	66	70	0.09	QD-NF-0250-0002-CM
			1.299	1.417	1.299			1.020	4.331	.102	.843	2.598	1015		

D

Double-ended parting blade with curved reinforcement

							Dimensions, mm, inch								MIID
	SSC	CZC _{MS}	CDX	OHX	OHN	CNSC	Ordering code	H	LF	WF	HF	CUTDIA	BAR PSI	KG	
	B	21	10.0	36.0	18.0	2	QD-NR2B10C21D	25.9	110.0	2.5	21.4	20	70	0.08	QD-NB-0100-0001-CM
			.394	1.417	.709			1.020	4.331	.096	.843	.787	1015		
	C	21	13.0	36.0	18.0	2	QD-NR2C13C21D	25.9	110.0	2.5	21.4	26	70	0.07	QD-NC-0125-0001-CM
			.512	1.417	.709			1.020	4.331	.096	.843	1.023	1015		
	D	21	16.0	36.0	18.0	2	QD-NR2D16C21D	25.9	110.0	2.5	21.4	32	70	0.07	QD-ND-0150-0001-CM
			.630	1.417	.709			1.020	4.331	.098	.843	1.259	1015		
	E	21	26.0	36.0	26.0	2	QD-NR2E26C21D	25.9	110.0	2.6	21.4	52	70	0.08	QD-NE-0200-0002-CM
			1.024	1.417	1.024			1.020	4.331	.102	.843	2.047	1015		

SSC = To correspond with SSC on insert.

F

		Spare parts	
SSC	CZC _{MS}	Coolant plug	Plug
B	21	5643 028-03	5645 040-01
C	21	5643 028-03	5645 040-01
D	21	5643 028-03	5645 040-01
E	21	5643 028-03	5645 040-02
F	21	5643 028-03	5645 040-02

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H

B72

F2

E1

H37

H28

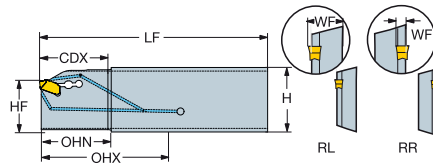
H20

H5

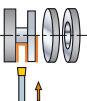
CoroCut® QD blade for parting

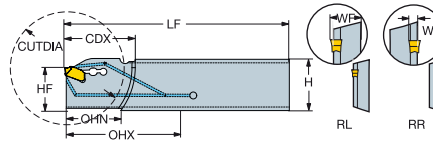
Spring-lock design

Right hand coupling – Precision coolant supply

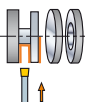


Single-ended parting blade with linear reinforcement

							Dimensions, mm, inch						MIID	
	SSC	CZC _{MS}	CDX	OHX	OHN	CNSC	Ordering code	H	LF	WF	HF	BAR PSI		KG
	E	25L	26.0	26.0	17.0	2	QD-RL1E26C25A	31.9	110.0	8.3	25.0	70	0.19	QD-NE-0200-0002-CM
			1.024	1.024	.669			1.256	4.331	.325	.984	1015		
		25L	26.0	50.0	26.0	2	QD-RR1E26C25A	31.9	110.0	1.8	25.0	70	0.20	QD-NE-0200-0002-CM
			1.024	1.969	1.024			1.256	4.331	.069	.984	1015		
	F	25L	33.0	33.0	17.0	2	QD-RL1F33C25A	31.9	110.0	8.3	25.0	70	0.19	QD-NF-0250-0002-CM
			1.299	1.299	.669			1.256	4.331	.325	.984	1015		
		25L	33.0	50.0	33.0	2	QD-RR1F33C25A	31.9	110.0	2.3	25.0	70	0.19	QD-NF-0250-0002-CM
			1.299	1.969	1.299			1.256	4.331	.089	.984	1015		
	G	25L	33.0	50.0	33.0	2	QD-RL1G33C25A	31.9	110.0	8.3	25.0	70	0.19	QD-NG-0300-0002-CM
			1.299	1.969	1.299			1.256	4.331	.328	.984	1015		
		25L	33.0	50.0	33.0	2	QD-RR1G33C25A	31.9	110.0	2.7	25.0	70	0.19	QD-NG-0300-0002-CM
			1.299	1.969	1.299			1.256	4.331	.105	.984	1015		
	H	25L	40.0	40.0	17.0	2	QD-RL1H40C25A	31.9	110.0	8.3	25.0	70	0.19	QD-NH-0400-0002-CM
			1.575	1.575	.669			1.256	4.331	.328	.984	1015		
		25L	40.0	50.0	40.0	2	QD-RR1H40C25A	31.9	110.0	3.7	25.0	70	0.19	QD-NH-0400-0002-CM
			1.575	1.969	1.575			1.256	4.331	.145	.984	1015		



Single-ended parting blade with curved reinforcement

								Dimensions, mm, inch									
	SSC	CZC _{MS}	CDX	OHX	OHN	CNSC	Ordering code	H	LF	WF	HF	CUTDIA			MIID		
	E	21L	26.0	26.0	17.0	2	QD-RL1E26C21D	25.9	110.0	8.3	21.4	52	70	0.17	QD-NE-0200-0002-CM		
			1.024	1.024	.669			1.020	4.331	.325	.843	2.047	1015				
		21L	26.0	50.0	26.0	2	QD-RR1E26C21D	25.9	110.0	1.8	21.4	52	70	0.17	QD-NE-0200-0002-CM		
			1.024	1.969	1.024			1.020	4.331	.069	.843	2.047	1015				
	F	21L	26.0	26.0	17.0	2	QD-RL1F26C21D	25.9	110.0	8.3	21.4	52	70	0.17	QD-NF-0250-0002-CM		
			1.024	1.024	.669			1.020	4.331	.325	.843	2.047	1015				
		G	21L	33.0	50.0	33.0	2	QD-RL1G33C21D	25.9	110.0	8.3	21.4	66	70	0.17	QD-NG-0300-0002-CM	
				1.299	1.969	1.299			1.020	4.331	.328	.843	2.598	1015			
	21L		26.0	50.0	26.0	2	QD-RR1G26C21D	25.9	110.0	2.7	21.4	52	70	0.17	QD-NG-0300-0002-CM		
			1.024	1.969	1.024			1.020	4.331	.105	.843	2.047	1015				
	H	21L	33.0	50.0	33.0	2	QD-RR1G33C21D	25.9	110.0	2.7	21.4	66	70	0.14	QD-NG-0300-0002-CM		
			1.299	1.969	1.299			1.020	4.331	.105	.843	2.598	1015				

SSC = To correspond with SSC on insert.

For spare parts, visit www.sandvik.coromant.com



B72



F2



E1



ISO



H37



H28



H20



H5

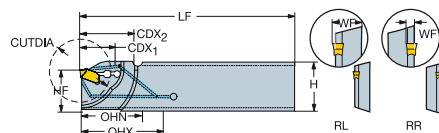
A

CoroCut® QD blade for parting

Spring-lock design

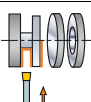
Right hand coupling – Precision coolant supply

B



Single-ended parting blade with two reinforced curves

C

									Dimensions, mm, inch								
	SSC	CZC _{MS}	CDX ₁	CDX ₂	OHX	OHN	CNSC	Ordering code	H	LF	WF	HF	CUTDIA			MIID	
	D	21L	18.0	28.0	45.0	21.0	2	QD-RL1D18C21D2	25.9	110.0	2.5	21.4	36	70	0.16	QD-ND-0150-0001-CM	
			.709	1.102	1.772	.827			1.020	4.331	.098	.843	1.417	1015			
			21L	18.0	28.0	45.0	21.0	2	QD-RR1D18C21D2	25.9	110.0	2.5	21.4	36	70	0.16	QD-ND-0150-0001-CM
				.709	1.102	1.772	.827			1.020	4.331	.098	.843	1.417	1015		
	E	21L	18.0	28.0	50.0	18.0	2	QD-RL1E18C21D2	25.9	110.0	8.3	21.4	36	70	0.17	QD-NE-0200-0002-CM	
			.709	1.102	1.969	.709			1.020	4.331	.325	.843	1.417	1015			
			21L	18.0	28.0	50.0	18.0	2	QD-RR1E18C21D2	25.9	110.0	1.8	21.4	36	70	0.17	QD-NE-0200-0002-CM
				.709	1.102	1.969	.709			1.020	4.331	.069	.843	1.417	1015		
	F	21L	18.0	28.0	50.0	18.0	2	QD-RL1F18C21D2	25.9	110.0	8.3	21.4	36	70	0.17	QD-NF-0250-0002-CM	
			.709	1.102	1.969	.709			1.020	4.331	.325	.843	1.417	1015			
			21L	18.0	28.0	50.0	18.0	2	QD-RR1F18C21D2	25.9	110.0	1.3	21.4	36	70	0.17	QD-NF-0250-0002-CM
				.709	1.102	1.969	.709			1.020	4.331	.049	.843	1.417	1015		
G	21L	18.0	28.0	50.0	18.0	2	QD-RL1G18C21D2	25.9	110.0	8.3	21.4	36	70	0.17	QD-NG-0300-0002-CM		
		.709	1.102	1.969	.709			1.020	4.331	.328	.843	1.417	1015				
		21L	18.0	28.0	50.0	18.0	2	QD-RR1G18C21D2	25.9	110.0	2.7	21.4	36	70	0.17	QD-NG-0300-0002-CM	
			.709	1.102	1.969	.709			1.020	4.331	.105	.843	1.417	1015			

SSC = To correspond with SSC on insert.

For machines with sub-spindle.

For spare parts, visit www.sandvik.coromant.com

E

F

G

H



B72



F2



E1



H37



H28



H20

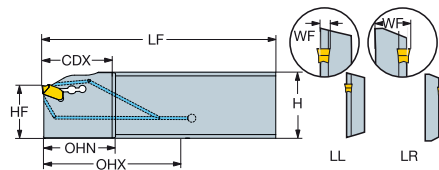


H5

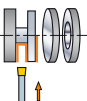
CoroCut® QD blade for parting

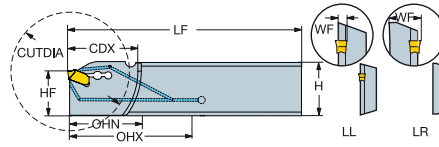
Spring-lock design

Left hand coupling – Precision coolant supply

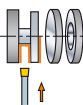


Single-ended parting blade with linear reinforcement

							Dimensions, mm, inch						MIID	
	SSC	CZC _{MS}	CDX	OHX	OHN	CNSC	Ordering code	H	LF	WF	HF	BAR PSI KG		
	E	25R	26.0	50.0	26.0	2	QD-LL1E26C25A	31.9	110.0	1.8	25.1	70	0.20	QD-NE-0200-0002-CM
			1.024	1.969	1.024			1.256	4.331	.069	.988	1015		
		25R	26.0	50.0	26.0	2	QD-LR1E26C25A	31.9	110.0	8.3	25.0	70	0.19	QD-NE-0200-0002-CM
			1.024	1.969	1.024			1.256	4.331	.325	.984	1015		
	F	25R	33.0	50.0	33.0	2	QD-LL1F33C25A	31.9	110.0	2.3	25.1	70	0.19	QD-NF-0250-0002-CM
			1.299	1.969	1.299			1.256	4.331	.089	.988	1015		
		25R	33.0	50.0	33.0	2	QD-LR1F33C25A	31.9	110.0	8.3	25.0	70	0.19	QD-NF-0250-0002-CM
			1.299	1.969	1.299			1.256	4.331	.325	.984	1015		
	G	25R	33.0	50.0	33.0	2	QD-LL1G33C25A	31.9	110.0	2.7	25.1	70	0.19	QD-NG-0300-0002-CM
			1.299	1.969	1.299			1.256	4.331	.105	.988	1015		
		25R	33.0	50.0	33.0	2	QD-LR1G33C25A	31.9	110.0	8.3	25.1	70	0.19	QD-NG-0300-0002-CM
			1.299	1.969	1.299			1.256	4.331	.328	.988	1015		
	H	25R	40.0	50.0	40.0	2	QD-LL1H40C25A	31.9	110.0	3.7	25.1	70	0.19	QD-NH-0400-0002-CM
			1.575	1.969	1.575			1.256	4.331	.145	.988	1015		
		25R	40.0	50.0	40.0	2	QD-LR1H40C25A	31.9	110.0	8.3	25.0	70	0.19	QD-NH-0400-0002-CM
			1.575	1.969	1.575			1.256	4.331	.328	.984	1015		



Single-ended parting blade with curved reinforcement

								Dimensions, mm, inch								
	SSC	CZC _{MS}	CDX	OHX	OHN	CNSC	Ordering code	H	LF	WF	HF	CUTDIA			MIID	
	E	21R	26.0	50.0	26.0	2	QD-LL1E26C21D	25.9	110.0	1.8	21.4	52	70	0.17	QD-NE-0200-0002-CM	
			1.024	1.969	1.024			1.020	4.331	.069	.843	2.047	1015			
		21R	26.0	26.0	17.0	2	QD-LR1E26C21D	25.9	110.0	8.3	21.4	52	70	0.17	QD-NE-0200-0002-CM	
			1.024	1.024	.669			1.020	4.331	.325	.843	2.047	1015			
	F	21R	26.0	50.0	26.0	2	QD-LL1F26C21D	25.9	110.0	2.3	21.4	52	70	0.17	QD-NF-0250-0002-CM	
			1.024	1.969	1.024			1.020	4.331	.089	.843	2.047	1015			
		21R	26.0	26.0	17.0	2	QD-LR1F26C21D	25.9	110.0	8.3	21.4	52	70	0.17	QD-NF-0250-0002-CM	
			1.024	1.024	.669			1.020	4.331	.325	.843	2.047	1015			
	G	21R	26.0	50.0	26.0	2	QD-LL1G26C21D	25.9	110.0	2.7	21.4	52	70	0.17	QD-NG-0300-0002-CM	
			1.024	1.969	1.024			1.020	4.331	.105	.843	2.047	1015			
		21R	33.0	50.0	33.0	2	QD-LL1G33C21D	25.9	110.0	2.7	21.4	66	70	0.16	QD-NG-0300-0002-CM	
			1.299	1.969	1.299			1.020	4.331	.105	.843	2.598	1015			
	21R	21R	33.0	50.0	33.0	2	QD-LR1G33C21D	25.9	110.0	8.3	21.4	66	70	0.16	QD-NG-0300-0002-CM	
			1.299	1.969	1.299			1.020	4.331	.328	.843	2.598	1015			

SSC = To correspond with SSC on insert.

For spare parts, visit www.sandvik.coromant.com



B72



F2



E1



H37



H28



H20

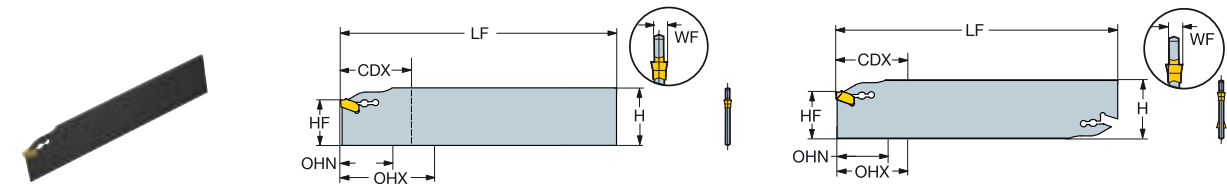


H5

CoroCut® QD blade for parting

Spring-lock design
Neutral coupling

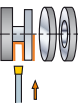
B



Single ended parting blade

							Dimensions, mm, inch					
	SSC	CZC _{MS}	CDX	OHX	OHN	Ordering code	H	LF	WF	HF		MIID
	E	25	26.0	26.0	17.0	QD-NR1E26-25A	31.9	150.0	1.8	25.0	0.11	QD-NE-0200-0002-CM
			1.024	1.024	.669		1.256	5.906	.069	.984		
	F	25	33.0	33.0	17.0	QD-NN1F33-25A	31.9	150.0	2.3	25.0	0.11	QD-NF-0250-0002-CM
			1.299	1.299	.669		1.256	5.906	.089	.984		
	G	25	60.0	60.0	17.0	QD-NN1G60-25A	31.9	150.0	2.7	25.0	0.12	QD-NG-0300-0002-CM
			2.362	2.362	.669		1.256	5.906	.105	.984		
	H	21	36.0	36.0	17.0	QD-NN1H36-21A	25.9	110.0	3.7	21.4	0.01	QD-NH-0400-0002-CM
			1.417	1.417	.669		1.020	4.331	.145	.843		
	25	60.0	60.0	17.0	QD-NN1H60-25A	31.9	150.0	3.7	25.0	0.15	QD-NH-0400-0002-CM	
		2.362	2.362	.669		1.256	5.906	.145	.984			

Double ended parting blade

							Dimensions, mm, inch					
	SSC	CZC _{MS}	CDX	OHX	OHN	Ordering code	H	LF	WF	HF	 KG	MIID
	E	25	26.0	50.0	26.0	QD-NR2E26-25A	31.9	150.0	2.6	25.0	0.11	QD-NE-0200-0002-CM
			1.024	1.969	1.024		1.256	5.906	.102	.984		
	F	21	33.0	35.0	17.0	QD-NN2F33-21A	25.9	110.0	2.3	21.4	0.01	QD-NF-0250-0002-CM
			1.299	1.378	.669		1.020	4.331	.089	.843		
		25	33.0	50.0	17.0	QD-NN2F33-25A	31.9	150.0	2.3	25.0	0.10	QD-NF-0250-0002-CM
			1.299	1.969	.669		1.256	5.906	.089	.984		
	G	21	36.0	36.0	17.0	QD-NN2G36-21A	25.9	110.0	2.7	21.4	0.08	QD-NG-0300-0002-CM
			1.417	1.417	.669		1.020	4.331	.105	.843		
		25	60.0	60.0	17.0	QD-NN2G60-25A	31.9	150.0	2.7	25.0	0.12	QD-NG-0300-0002-CM
			2.362	2.362	.669		1.256	5.906	.105	.984		
		45	80.0	80.0	30.0	QD-NN2G80-45A	52.5	225.0	2.7	45.0	0.30	QD-NG-0300-0002-CM
			3.150	3.150	1.181		2.067	8.858	.105	1.772		
	H	25	60.0	60.0	17.0	QD-NN2H60-25A	31.9	150.0	3.7	25.0	0.15	QD-NH-0400-0002-CM
			2.362	2.362	.669		1.256	5.906	.145	.984		
		45	80.0	80.0	30.0	QD-NN2H80-45A	52.5	225.0	3.7	45.0	0.38	QD-NH-0400-0002-CM
			3.150	3.150	1.181		2.067	8.858	.145	1.772		
	L	45	80.0	80.0	25.0	QD-NN2L80-45A	52.5	225.0	7.7	45.0	0.70	QD-NL-0800-0004-CM
			3.150	3.150	.984		2.067	8.858	.302	1.772		

SSC = To correspond with SSC on insert.

G

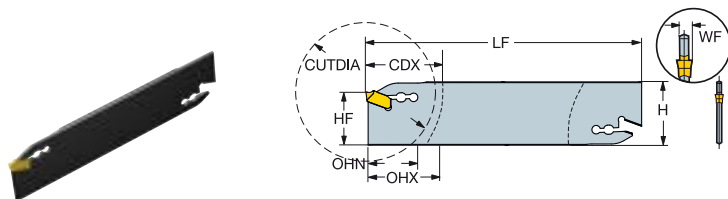
H



CoroCut® QD blade for parting

Spring-lock design

Neutral coupling – Precision coolant supply



Double-ended parting blade with curved reinforcement

						Dimensions, mm, inch						MIID
	SSC	CZC _{MS}	CDX	OHX	OHN	Ordering code	H	LF	WF	HF	CUTDIA	
	E	21	26.0	50.0	26.0	QD-NR2E26-21D	25.9	110.0	2.6	21.4	52	QD-NE-0200-0002-CM
			1.024	1.969	1.024		1.020	4.331	.102	.843	2.047	

SSC = To correspond with SSC on insert.

For spare parts, visit www.sandvik.coromant.com



B72



F2



E1



H37



H28

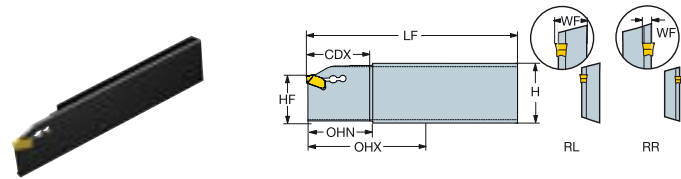


H20

CoroCut® QD blade for parting

Spring-lock design

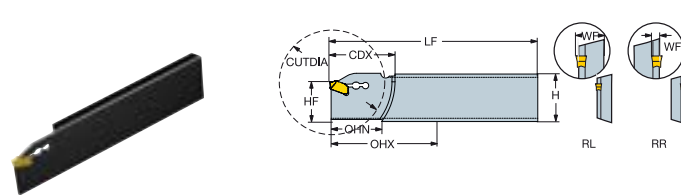
Right hand coupling



Single-ended parting blade with linear reinforcement

C

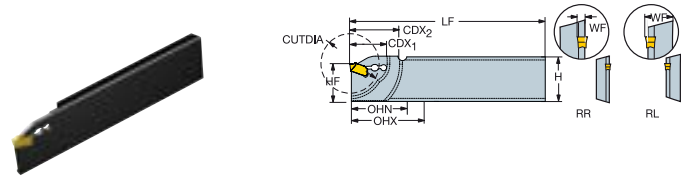
							Dimensions, mm, inch					
	SSC	CZC _{MIS}	CDX	OHX	OHN	Ordering code	H	LF	WF	HF	KG	MIID
	G	25L	33.0	50.0	33.0	QD-RL1G33-25A	31.9	110.0	8.3	25.0	0.19	QD-NG-0300-0002-CM
			1.299	1.969	1.299		1.256	4.331	.328	.984		
		25L	33.0	50.0	33.0	QD-RR1G33-25A	31.9	110.0	2.7	25.0	0.20	QD-NG-0300-0002-CM
			1.299	1.969	1.299		1.256	4.331	.105	.984		



Single-ended parting blade with curved reinforcement



						Dimensions, mm, inch							
	SSC	CZC _{MIS}	CDX	OHX	OHN	Ordering code	H	LF	WF	HF	CUTDIA	KG	MIID
	G	21L	33.0	50.0	33.0	QD-RL1G33-21D	25.9	110.0	8.3	21.4	66	0.17	QD-NG-0300-0002-CM
			1.299	1.969	1.299		1.020	4.331	.328	.843	2.598		
		21L	26.0	50.0	26.0	QD-RR1G26-21D	25.9	110.0	2.7	21.4	52	0.17	QD-NG-0300-0002-CM
			1.024	1.969	1.024		1.020	4.331	.105	.843	2.047		
		21L	33.0	50.0	33.0	QD-RR1G33-21D	25.9	110.0	2.7	21.4	66	0.17	QD-NG-0300-0002-CM
			1.299	1.969	1.299		1.020	4.331	.105	.843	2.598		



Single-ended parting blade with two reinforced curves



							Dimensions, mm, inch							
	SSC	CZC _{MIS}	CDX ₁	CDX ₂	OHX	OHN	Ordering code	H	LF	WF	HF	CUTDIA	KG	MIID
	E	21L	18.0	28.0	50.0	18.0	QD-RR1E18-21D2	25.9	110.0	1.8	21.4	36	0.17	QD-NE-0200-0002-CM
			.709	1.102	1.969	.709		1.020	4.331	.069	.843	1.417		
	G	21L	18.0	28.0	50.0	18.0	QD-RR1G18-21D2	25.9	110.0	2.7	21.4	36	0.14	QD-NG-0300-0002-CM
			.709	1.102	1.969	.709		1.020	4.331	.105	.843	1.417		

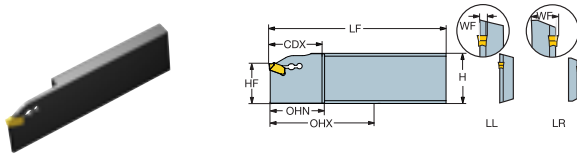
SSC = To correspond with SSC on insert.

For spare parts, visit www.sandvik.coromant.com

CoroCut® QD blade for parting

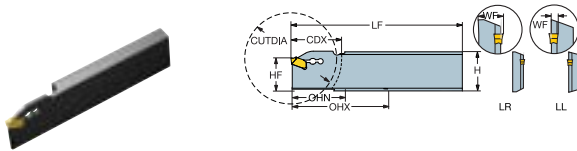
Spring-lock design

Left hand coupling



Single-ended parting blade with linear reinforcement

						Dimensions, mm, inch						MIID
	SSC	CZC _{MS}	CDX	OHX	OHN	Ordering code	H	LF	WF	HF	KG	
	G	25R	33.0	50.0	33.0	QD-LL1G33-25A	31.9	110.0	2.7	25.1	0.19	QD-NG-0300-0002-CM
			1.299	1.969	1.299		1.256	4.331	.105	.988		
		25R	33.0	50.0	33.0	QD-LR1G33-25A	31.9	110.0	8.3	25.1	0.19	QD-NG-0300-0002-CM
			1.299	1.969	1.299		1.256	4.331	.328	.988		

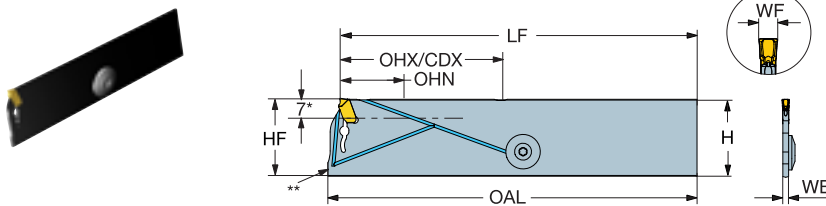


Single-ended parting blade with curved reinforcement

							Dimensions, mm, inch						
	SSC	CZC _{MS}	CDX	OHX	OHN	Ordering code	H	LF	WF	HF	CUTDIA	 KG	MIID
	G	21R	26.0	50.0	26.0	QD-LL1G26-21D	25.9	110.0	2.7	21.4	52	0.17	QD-NG-0300-0002-CM
			1.024	1.969	1.024		1.02	4.331	.105	.84	2.04		
		21R	33.0	50.0	33.0	QD-LL1G33-21D	25.9	110.0	2.7	21.4	66	0.17	QD-NG-0300-0002-CM
			1.299	1.969	1.299		1.02	4.331	.105	.84	2.59		
		21R	33.0	50.0	33.0	QD-LR1G33-21D	25.9	110.0	8.3	21.4	66	0.17	QD-NG-0300-0002-CM
			1.299	1.969	1.299		1.020	4.331	.328	.843	2.598		

SSC = To correspond with SSC on insert.

CoroCut® QD blade for Y-axis parting



Spring-lock design

							Dimensions, mm, inch								
	SSC	CZC _{MS}	OHX	OHN	CNSC	Ordering code	H	WB	LF	WF	HF	OAL	BAR PSI	KG	MIID
	G	25	60.0	30.0	2	QD-NN1G60C25AY	31.9	2.4	145.0	2.7	32.0	150.00	70	0.10	QD-NG-0300-0002-CM
			2.362	1.181			1.256	.093	5.709	.106	1.260	5.906	1015		
	H	25	60.0	30.0	2	QD-NN1H60C25AY	31.9	3.4	144.0	3.7	32.0	150.00	70	0.14	QD-NH-0400-0002-CM
			2.362	1.181			1.256	.132	5.669	.146	1.260	5.906	1015		
		25	90.0	60.0	2	QD-NN1H90C25AY	31.9	3.4	164.0	3.7	32.0	170.00	70	0.15	QD-NH-0400-0002-CM
			3.543	2.362			1.256	.132	6.457	.146	1.260	6.693	1015		

SSC = To correspond with SSC on insert.

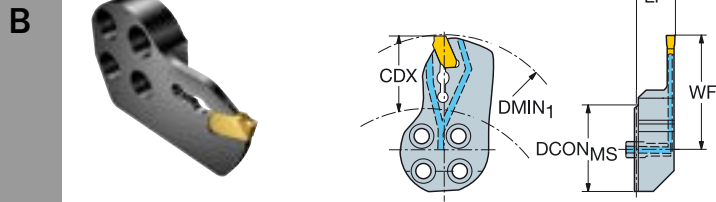
Accessories, must be ordered separately.

For spare parts, visit www.sandvik.coromant.com



CoroCut® QD head for grooving

Spring-lock design
Precision coolant supply



C

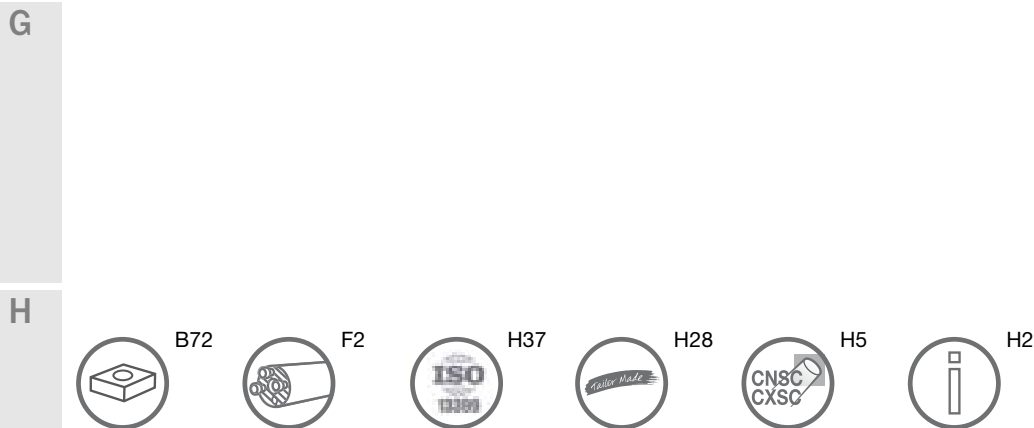
							Dimensions, mm, inch							
	SSC	CZC _{MS}	CDX	DMIN ₁	CNSC	Ordering code	DCON _{MS}	LF	WF	HF			MILD	
	E	25	22.0	55.0	1	SL-QD-R/LGE22C25	25	9.0	36.1	0.1	80	0.07	QD-NE-0200-0002-CM	
			.866	2.165			.984	.354	1.421	.004	1160			
	32	26.0	64.0	1	SL-QD-R/LGE26C32	32	11.0	43.6	0.1	80	0.11	QD-NE-0200-0002-CM		
			1.024	2.520			1.260	.433	1.717	.004	1160			
	F	25	22.0	65.0	1	SL-QD-RGF22C25	25	9.0	36.1	0.1	80	0.07	QD-NF-0250-0002-CM	
			.866	2.559			.984	.354	1.421	.004	1160			
	32	26.0	65.0	1	SL-QD-R/LGF26C32	32	11.0	43.6	0.1	80	0.11	QD-NF-0250-0002-CM		
			1.024	2.559			1.260	.433	1.717	.004	1160			
	G	25	22.0	70.0	1	SL-QD-R/LGG22C25	25	9.0	36.1	0.1	80	0.07	QD-NG-0300-0002-CM	
			.866	2.756			.984	.354	1.421	.004	1160			
	32	26.0	70.0	1	SL-QD-R/LGG26C32	32	11.0	43.6	0.1	80	0.11	QD-NG-0300-0002-CM		
			1.024	2.756			1.260	.433	1.717	.004	1160			
E	40	32.0	80.0	1	SL-QD-R/LGG32C40	40	12.0	53.6	0.1	80	0.17	QD-NG-0300-0002-CM		
			1.260	3.150			1.575	.472	2.110	.004	1160			
	H	32	32.0	75.0	1	SL-QD-R/LGH32C32	32	11.0	49.6	0.1	80	0.13	QD-NH-0400-0002-CM	
			1.260	2.953			1.260	.433	1.953	.004	1160			
	40	40.0	90.0	1	SL-QD-R/LGH40C40	40	12.0	61.6	0.1	80	0.19	QD-NH-0400-0002-CM		
			1.575	3.543			1.575	.472	2.425	.004	1160			
	J	40	40.0	130.0	1	SL-QD-R/LGJ40C40	40	12.0	61.6	0.1	80	0.21	QD-NJ-0500-0002-CM	
			1.575	5.118			1.575	.472	2.425	.004	1160			
	K	40	40.0	130.0	1	SL-QD-R/LGK40C40	40	12.0	61.6	0.1	80	0.21	QD-NK-0600-0003-CM	
			1.575	5.118			1.575	.472	2.425	.004	1160			

SSC = To correspond with SSC on insert. R = Right hand, L = Left hand

F

		Spare parts
SSC	CZC _{MS}	Locating tube
E	25	5552 058-02
E	32	5638 031-01
F	25	5552 058-02
F	32	5638 031-01
G	25	5552 058-02
G	32-40	5638 031-01
H	32-40	5638 031-01
J	40	5638 031-01
K	40	5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com



CoroCut® QF

Secure face grooving

Application

- Face grooving

ISO application area:



Benefits and features

- CoroTurn® SL cutting heads for face grooving
- Through-tool delivery of high-precision coolant
- Ideal when working with wider inserts
- Easy insert clamping ensures correct clamping force
- Inserts designed for clockwise (QFT) and counterclockwise (QFU) spindle rotation
- Optimized side clearance required for face grooving



www.sandvik.coromant.com/corocutqf

Tools

- Coromant Capto® cutting units
- Shank tools
- QST™ shank tools
- CoroTurn® SL heads

Inserts

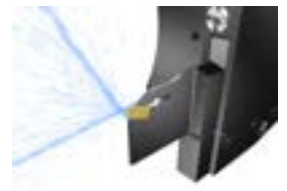
CW 3, 4, 6 and 8 mm (0.118, 0.157, 0.236 and 0.315 inch)
Grade GC1105, GC1125, GC1135, GC1145, H10F
-TF geometry for grooving and side turning
-GF ground geometry for grooving
-RM geometry for profiling

Tailor Made

Build an optimized tool with the exact cutting depth and diameter range required for your component.

Innovative blade design

More material in the weakest cross-section and decreased mass in the front part of the blade provide higher dynamic stiffness, effectively reducing vibration. The slit is optimized to provide the correct clamping force.



B98



B101



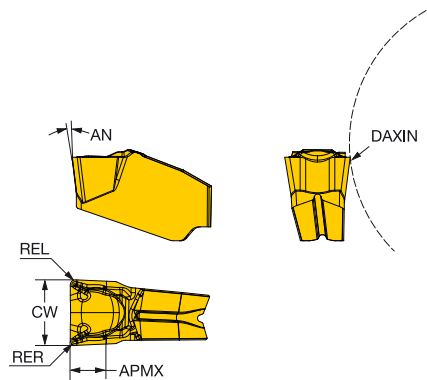
B115



H28

CoroCut® QF insert for face grooving

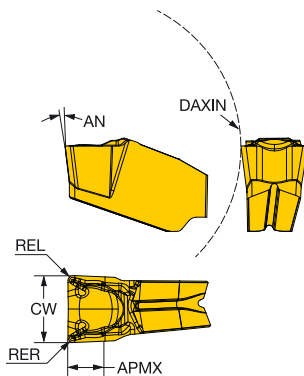
B



C

							P			M			K	N			S			Dimensions, mm, inch							
SSC	CW	REL	RER	DAXIN	APMX	Ordering code	1105	1125	1135	1145	1105	1125	1135	1145	1125	1105	1125	1135	1105	1125	1135	1145	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
QFT-G	3.00	0.30	0.30	30.0	2.0	QFT-G-0300-03-TF	☆	☆	★	☆	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	7°	-0.050	0.050	-0.050	0.050
	.118	.012	.012	1.181	.079																			-.0020	.0020	-.0020	.0020
QFT-H	4.00	0.30	0.30	30.0	2.3	QFT-H-0400-03-TF	☆	☆	★	☆	☆	☆	★	☆	☆	☆	☆	★	☆	☆	☆	★	7°	-0.050	0.050	-0.050	0.050
	1.57	.012	.012	1.181	.091																			-.0020	.0020	-.0020	.0020
QFT-K	6.00	0.40	0.40	45.0	3.0	QFT-K-0600-04-TF		☆	★	☆		☆	★	☆	★	☆	★			☆	☆	★	7°	-0.050	0.050	-0.050	0.050
	.236	.016	.016	1.772	.118																			-.0020	.0020	-.0020	.0020
QFT-L	8.00	0.80	0.80	60.0	4.0	QFT-L-0800-08-TF		☆	★	☆		☆	★	☆	★	☆	★			☆	☆	★	8°	-0.050	0.050	-0.050	0.050
	.315	.031	.031	2.362	.157																			-.0020	.0020	-.0020	.0020

D



E

							P			M			K	N			S			Dimensions, mm, inch								
SSC	CW	REL	RER	DAXIN	APMX	Ordering code	1105	1125	1135	1145	1105	1125	1135	1145	1125	1135	1105	1125	1135	1105	1125	1135	1145	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
QFU-G	3.00	0.30	0.30	30.0	2.0	QFU-G-0300-03-TF	☆	☆	★	☆	☆	☆	★	☆	★	☆	★	☆	★	☆	☆	☆	★	7°	-0.050	0.050	-0.050	0.050
	.118	.012	.012	1.181	.079																							
QFU-H	4.00	0.30	0.30	30.0	2.3	QFU-H-0400-03-TF	☆		★	☆	☆	☆	★	☆	★	☆	★	☆	★	☆	☆	☆	★	7°	-0.050	0.050	-0.050	0.050
	.157	.012	.012	1.181	.091																							
QFU-K	6.00	0.40	0.40	45.0	3.0	QFU-K-0600-04-TF		☆	★	☆		☆	★	☆	★	☆		★				☆	★	7°	-0.050	0.050	-0.050	0.050
	.236	.016	.016	1.772	.118																	☆	★					
QFU-L	8.00	0.80	0.80	60.0	4.0	QFU-L-0800-08-TF		☆	★	☆		☆	★	☆	★	☆		★				☆	★	8°	-0.050	0.050	-0.050	0.050
	.315	.031	.031	2.362	.157																							

G

SSC = To correspond with SSC on holder.

H



B101



B115

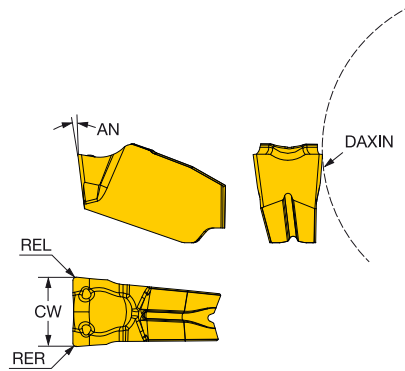


B180

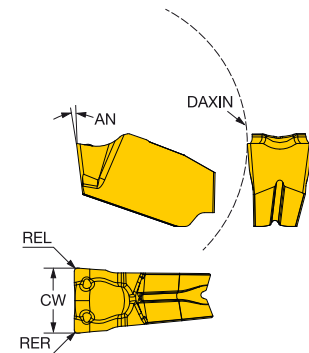


H2

CoroCut® QF insert for face grooving



						P	M	K	N			S			Dimensions, mm, inch				
SSC	CW	REL	RER	DAXIN	Ordering code	1125	1105	1125	1125	1105	1125	1105	1125	1105	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
QFT-G	3.00	0.20	0.20	30.0	QFT-G-0300-02-GF	★	☆	★	★	☆	☆	★	★	☆	7°	-0.020	0.020	-0.050	0.050
	.118	.008	.008	1.181												-.0008	.0008	-.0020	.0020
QFT-H	4.00	0.20	0.20	30.0	QFT-H-0400-02-GF	★	☆	★	★	☆	☆	★	★	☆	7°	-0.020	0.020	-0.050	0.050
	.157	.008	.008	1.181												-.0008	.0008	-.0020	.0020



					Ordering code	P	M	K	N		S		Dimensions, mm, inch					
SSC	CW	REL	RER	DAXIN		1125	1105	1125	1125	1105	1125	1105	1125	1105	AN	CWTOLL	CWTOLU	RETOLL
QFU-G	3.00	0.20	0.20	30.0	QFU-G-0300-02-GF	★	☆	★	★	☆	☆	★	☆	7°	-0.020	0.020	-0.050	0.050
	.118	.008	.008	1.181											-.0008	.0008	-.0020	.0020
QFU-H	4.00	0.20	0.20	30.0	QFU-H-0400-02-GF	★	☆	★	★	☆	☆	★	☆	7°	-0.020	0.020	-0.050	0.050
	.157	.008	.008	1.181											-.0008	.0008	-.0020	.0020

SSC = To correspond with SSC on holder.



B101



B115



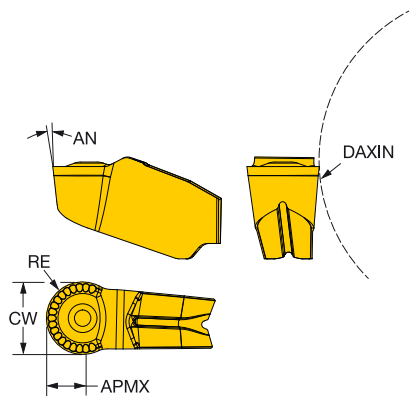
B180



H2

CoroCut® QF insert for face grooving

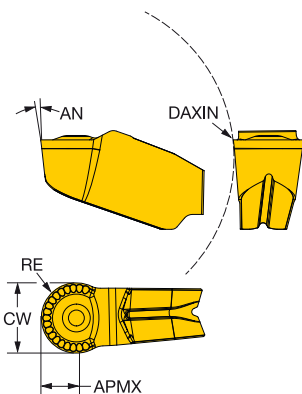
B



C

															Dimensions, mm, inch			
SSC	CW	RE	DAXIN	APMX	Ordering code	P		M		K		N		S		AN	CWTOLL	CWTOLU
						1125	1135	1105	1125	1135	1125	1105	1125	1105	1125			
QFT-G	3.00	1.50	30.0	1.3	QFT-G-0300-RM	☆	★	☆	☆	★	☆	★	☆	★	☆	7°	-0.050	0.050
	.118	.059	1.181	.051													-.0020	.0020
QFT-H	4.00	2.00	30.0	1.8	QFT-H-0400-RM	☆	★	☆	☆	★	☆	★	☆	★	☆	7°	-0.050	0.050
	.157	.079	1.181	.069													-.0020	.0020
QFT-K	6.00	3.00	45.0	2.8	QFT-K-0600-RM	☆	★	☆	☆	★	☆	★	☆	★	☆	7°	-0.050	0.050
	.236	.118	1.772	.108													-.0020	.0020
									</									

D



E

															Dimensions, mm, inch			
SSC	CW	RE	DAXIN	APMX	Ordering code	P		M		K		N		S		AN	CWTOLL	CWTOLU
						1125	1135	1105	1135	1125	1135	1105	1125	1105	1135			
QFU-G	3.00	1.50	30.0	1.3	QFU-G-0300-RM	☆	★	☆	☆	★	★	☆	★	☆	☆	7°	-0.050	0.050
	.118	.059	1.181	.051													-.0020	.0020
QFU-H	4.00	2.00	30.0	1.8	QFU-H-0400-RM	☆	★	☆	☆	★	★	☆	★	☆	☆	7°	-0.050	0.050
	.157	.079	1.181	.069													-.0020	.0020
QFU-K	6.00	3.00	45.0	2.8	QFU-K-0600-RM	☆	★	☆	☆	★	★	☆	★	☆	☆	7°	-0.050	0.050
	.236	.118	1.772	.108													-.0020	.0020

G

SSC = To correspond with SSC on holder.

H



B101



B115



B180

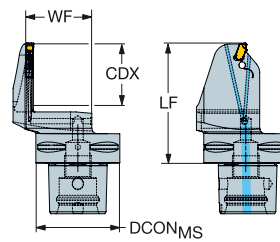


H2

CoroCut® QF cutting unit for face grooving

Spring-clamp design

B curve



B

C

							Dimensions, mm, inch						MID
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	CNSC	Ordering code	DCON _{MS}	LF	WF	BAR PSI	KG	
	QFT-K	C5	26.0	45.0	100.0	3	C5-QFT-RK26C-045B	50	61.6	33.0	150	0.68	QFT-K-0600-04-TF
			1.024	1.772	3.937			1.969	2.425	1.299	2175		
			32.0	88.0	180.0	3	C5-QFT-RK32C-088B	50	67.6	33.0	150	0.68	QFT-K-0600-04-TF
		C5	1.260	3.465	7.087			1.969	2.661	1.299	2175		
			32.0	168.0	400.0	3	C5-QFT-RK32C-168B	50	67.6	33.0	150	0.71	QFT-K-0600-04-TF
			1.260	6.614	15.748			1.969	2.661	1.299	2175		
		C5	32.0	220.0	1000.0	3	C5-QFT-RK32C-220B	50	67.6	33.0	150	0.72	QFT-K-0600-04-TF
			1.260	8.661	39.370			1.969	2.661	1.299	2175		
		C6	26.0	45.0	100.0	3	C6-QFT-RK26C-045B	63	65.1	39.0	150	1.14	QFT-K-0600-04-TF
			1.024	1.772	3.937			2.480	2.563	1.535	2175		
			32.0	88.0	180.0	3	C6-QFT-RK32C-088B	63	71.1	39.0	150	1.14	QFT-K-0600-04-TF
			1.260	3.465	7.087			2.480	2.799	1.535	2175		
	QFT-L	C6	32.0	168.0	400.0	3	C6-QFT-RK32C-168B	63	71.1	39.0	150	1.15	QFT-K-0600-04-TF
			1.260	6.614	15.748			2.480	2.799	1.535	2175		
		C6	32.0	220.0	1000.0	3	C6-QFT-RK32C-220B	63	71.1	39.0	150	1.14	QFT-K-0600-04-TF
			1.260	8.661	39.370			2.480	2.799	1.535	2175		
		C8	26.0	45.0	100.0	3	C8-QFT-RK26C-045B	80	73.1	42.0	150	2.14	QFT-K-0600-04-TF
			1.024	1.772	3.937			3.150	2.878	1.654	2175		
			32.0	88.0	180.0	3	C8-QFT-RK32C-088B	80	79.1	42.0	150	2.14	QFT-K-0600-04-TF
			1.260	3.465	7.087			3.150	3.114	1.654	2175		
		C8	32.0	168.0	400.0	3	C8-QFT-RK32C-168B	80	79.1	42.0	150	1.14	QFT-K-0600-04-TF
			1.260	6.614	15.748			3.150	3.114	1.654	2175		
			32.0	220.0	1000.0	3	C8-QFT-RK32C-220B	80	79.1	42.0	150	1.14	QFT-K-0600-04-TF
			1.260	8.661	39.370			3.150	3.114	1.654	2175		
	QFT-L	C6	33.0	60.0	150.0	3	C6-QFT-RL33C-060B	63	72.1	39.0	150	1.14	QFT-L-0800-08-TF
			1.299	2.362	5.906			2.480	2.839	1.535	2175		
		C8	33.0	60.0	150.0	3	C8-QFT-RL33C-060B	80	80.1	42.0	150	2.14	QFT-L-0800-08-TF
			1.299	2.362	5.906			3.150	3.154	1.654	2175		
		C6	38.0	120.0	300.0	3	C6-QFT-RL38C-120B	63	77.1	39.0	150	2.14	QFT-L-0800-08-TF
			1.496	4.724	11.811			2.480	3.035	1.535	2175		
		C6	50.0	220.0	1000.0	3	C6-QFT-RL50C-220B	63	89.1	39.0	150	2.14	QFT-L-0800-08-TF
			1.969	8.661	39.370			2.480	3.508	1.535	2175		
		C8	38.0	120.0	300.0	3	C8-QFT-RL38C-120B	80	85.1	42.0	150	1.09	QFT-L-0800-08-TF
			1.496	4.724	11.811			3.150	3.350	1.654	2175		
		C8	50.0	220.0	1000.0	3	C8-QFT-RL50C-220B	80	97.1	42.0	150	1.09	QFT-L-0800-08-TF
			1.969	8.661	39.370			3.150	3.823	1.654	2175		

SSC = To correspond with SSC on insert.

For spare parts, visit www.sandvik.coromant.com

D

E

F

G

H



B98



F2



E1



G1



H37



H28



H21



H5

CoroCut® QF cutting unit for face grooving

Spring-clamp design

B curve



C

							Dimensions, mm, inch						MIID
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	CNSC	Ordering code	DCON _{MS}	LF	WF	BAR PSI	KG	
	QFU-K	C5	26.0	45.0	100.0	3	C5-QFU-LK26C-045B	50	61.6	33.0	150	0.68	QFU-K-0600-04-TF
			1.024	1.772	3.937			1.969	2.425	1.299	2175		
			32.0	88.0	180.0	3	C5-QFU-LK32C-088B	50	67.6	33.0	150	0.68	QFU-K-0600-04-TF
		C5	1.260	3.465	7.087			1.969	2.661	1.299	2175		
			32.0	168.0	400.0	3	C5-QFU-LK32C-168B	50	67.6	33.0	150	0.71	QFU-K-0600-04-TF
			1.260	6.614	15.748			1.969	2.661	1.299	2175		
		C5	32.0	220.0	1000.0	3	C5-QFU-LK32C-220B	50	67.6	33.0	150	0.71	QFU-K-0600-04-TF
			1.260	8.661	39.370			1.969	2.661	1.299	2175		
		C6	26.0	45.0	100.0	3	C6-QFU-LK26C-045B	63	65.1	39.0	150	1.14	QFU-K-0600-04-TF
			1.024	1.772	3.937			2.480	2.563	1.535	2175		
			32.0	88.0	180.0	3	C6-QFU-LK32C-088B	63	71.1	39.0	150	1.15	QFU-K-0600-04-TF
			1.260	3.465	7.087			2.480	2.799	1.535	2175		
		C6	32.0	168.0	400.0	3	C6-QFU-LK32C-168B	63	71.1	39.0	150	2.14	QFU-K-0600-04-TF
			1.260	6.614	15.748			2.480	2.799	1.535	2175		
		C6	32.0	220.0	1000.0	3	C6-QFU-LK32C-220B	63	71.1	39.0	150	1.15	QFU-K-0600-04-TF
			1.260	8.661	39.370			2.480	2.799	1.535	2175		
		C8	26.0	45.0	100.0	3	C8-QFU-LK26C-045B	80	73.1	42.0	150	2.14	QFU-K-0600-04-TF
			1.024	1.772	3.937			3.150	2.878	1.654	2175		
			32.0	88.0	180.0	3	C8-QFU-LK32C-088B	80	79.1	42.0	150	2.14	QFU-K-0600-04-TF
		C8	1.260	3.465	7.087			3.150	3.114	1.654	2175		
			32.0	168.0	400.0	3	C8-QFU-LK32C-168B	80	79.1	42.0	150	1.14	QFU-K-0600-04-TF
			1.260	6.614	15.748			3.150	3.114	1.654	2175		
		C8	32.0	220.0	1000.0	3	C8-QFU-LK32C-220B	80	79.1	42.0	150	1.14	QFU-K-0600-04-TF
			1.260	8.661	39.370			3.150	3.114	1.654	2175		
		QFU-L	33.0	60.0	150.0	3	C6-QFU-LL33C-060B	63	72.1	39.0	150	1.14	QFU-L-0800-08-TF
			1.299	2.362	5.906			2.480	2.839	1.535	2175		
			33.0	60.0	150.0	3	C8-QFU-LL33C-060B	80	80.1	42.0	150	2.14	QFU-L-0800-08-TF
		C6	1.299	2.362	5.906			3.150	3.154	1.654	2175		
			38.0	120.0	300.0	3	C6-QFU-LL38C-120B	63	77.1	39.0	150	2.14	QFU-L-0800-08-TF
			1.496	4.724	11.811			2.480	3.035	1.535	2175		
		C6	50.0	220.0	1000.0	3	C6-QFU-LL50C-220B	63	89.1	39.0	150	2.14	QFU-L-0800-08-TF
			1.969	8.661	39.370			2.480	3.508	1.535	2175		
			38.0	120.0	300.0	3	C8-QFU-LL38C-120B	80	85.1	42.0	150	1.09	QFU-L-0800-08-TF
		C8	1.496	4.724	11.811			3.150	3.350	1.654	2175		
			50.0	220.0	1000.0	3	C8-QFU-LL50C-220B	80	97.1	42.0	150	1.09	QFU-L-0800-08-TF
			1.969	8.661	39.370			3.150	3.823	1.654	2175		

SSC = To correspond with SSC on insert.

For spare parts, visit www.sandvik.coromant.com

G

H



CoroCut® QF shank tool for face grooving

Spring-clamp design

B curve



Metric version

								Dimensions										MIID
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT	BAR	KG	
	QFT-K	32 x 32	32.0	80.0	200.0	18.0	3	QFT-LGK32C3232-080B	32.0	32.0	18.0	146.0	58.6	32.0	G 1/8-28	150	1.18	QFT-K-0600-04-TF
		32 x 32	32.0	200.0	1000.0	18.0	3	QFT-LGK32C3232-200B	32.0	32.0	18.0	146.0	58.6	32.0	G 1/8-28	150	1.18	QFT-K-0600-04-TF

Inch version

								Dimensions, inch										MIID
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT	PSI	LBS	
	QFT-K	1 1/4 x 1 1/4	1.250	3.150	7.087	.709	3	QFT-LGK125C20-080B	1.250	1.250	.709	5.748	2.563	1.250	G 1/8-28	2175	1.508	QFT-K-0600-04-TF
		1 1/4 x 1 1/4	1.250	6.299	15.748	.709	3	QFT-LGK125C20-160B	1.250	1.250	.709	5.748	2.563	1.250	G 1/8-28	2175	1.508	QFT-K-0600-04-TF

SSC = To correspond with SSC on insert.

Spare parts	
Plug	Plug
3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

B98



F2



E1



G1



H37



H28



H21



H5

CoroCut® QF shank tool for face grooving

Spring-clamp design

B curve

B



C

Metric version

								Dimensions												MIID
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT					
	QFU-K	32 x 32	32.0	80.0	200.0	18.0	3	QFU-RGK32C3232-080B	32.0	32.0	18.0	146.0	58.6	32.0	G 1/8-28	150	1.18			
		32 x 32	32.0	200.0	1000.0	18.0	3	QFU-RGK32C3232-200B	32.0	32.0	18.0	146.0	58.6	32.0	G 1/8-28	150	1.18			QFU-K-0600-04-TF

D

Inch version

								Dimensions, inch												MIID
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT					
	QFU-K	1 1/4 x 1 1/4	1.250	3.150	7.087	.709	3	QFU-RGK125C20-080B	1.250	1.250	.709	5.748	2.313	1.250	G 1/8-28	2175	1.508			
		1 1/4 x 1 1/4	1.250	6.299	15.748	.709	3	QFU-RGK125C20-160B	1.250	1.250	.709	5.748	2.563	1.250	G 1/8-28	2175	1.508			QFU-K-0600-04-TF

SSC = To correspond with SSC on insert.

Spare parts	
Plug	Plug
3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H

B98

F2

E1

G1

H37

H28

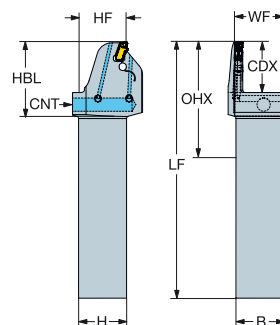
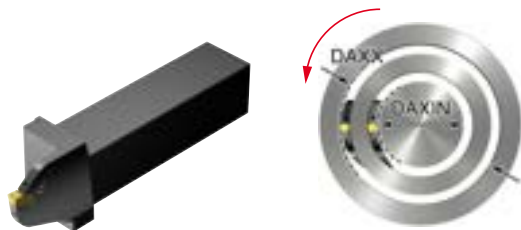
H21

H5

CoroCut® QF shank tool for face grooving

Spring-clamp design

B curve



Metric version

								Dimensions										MID
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT	BAR	KG	
	QFT-K	32 x 32	32.0	80.0	180.0	51.6	3	QFT-RFK32C3232-080B	32.0	32.0	51.6	170.0	33.0	32.0	G 1/8-28	150	1.18	QFT-K-0600-04-TF
		32 x 32	32.0	160.0	400.0	51.6	3	QFT-RFK32C3232-160B	32.0	32.0	51.6	170.0	33.0	32.0	G 1/8-28	150	1.18	QFT-K-0600-04-TF
		32 x 32	32.0	220.0	1000.0	51.6	3	QFT-RFK32C3232-220B	32.0	32.0	51.6	170.0	33.0	32.0	G 1/8-28	150	1.18	QFT-K-0600-04-TF
	QFT-L	32 x 32	33.0	60.0	150.0	52.6	3	QFT-RFL33C3232-060B	32.0	32.0	52.6	170.0	33.0	32.0	G 1/8-28	150	1.18	QFT-L-0800-08-TF
		32 x 32	38.0	120.0	300.0	57.6	3	QFT-RFL38C3232-120B	32.0	32.0	57.6	170.0	33.0	32.0	G 1/8-28	150	1.18	QFT-L-0800-08-TF
		32 x 32	50.0	220.0	1000.0	69.6	3	QFT-RFL50C3232-220B	32.0	32.0	69.6	170.0	33.0	32.0	G 1/8-28	150	1.09	QFT-L-0800-08-TF

Inch version

								Dimensions, inch										MID
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT	PSI	LBS	
	QFT-K	1 1/4 x 1 1/4	1.250	3.150	7.087	1.628	3	QFT-RFK125C20-080B	1.250	1.250	2.022	7.000	1.290	1.250	G 1/8-28	2175	2.599	QFT-K-0600-04-TF
		1 1/4 x 1 1/4	1.250	6.299	15.748	1.628	3	QFT-RFK125C20-160B	1.250	1.250	2.022	7.000	1.290	1.250	G 1/8-28	2175	2.396	QFT-K-0600-04-TF
		1 1/4 x 1 1/4	1.250	8.661	39.370	1.628	3	QFT-RFK125C20-220B	1.250	1.250	2.022	7.000	1.290	1.250	G 1/8-28	2175	2.396	QFT-K-0600-04-TF
	QFT-L	1 1/4 x 1 1/4	1.250	2.362	5.906	1.628	3	QFT-RFL125C20-060B	1.250	1.250	2.022	7.000	1.290	1.250	G 1/8-28	2175	2.396	QFT-L-0800-08-TF
		1 1/4 x 1 1/4	1.500	4.724	11.811	2.272	3	QFT-RFL150C20-120B	1.250	1.250	2.272	7.000	1.290	1.250	G 1/8-28	2175	2.599	QFT-L-0800-08-TF
		1 1/4 x 1 1/4	1.960	8.661	39.370	2.732	3	QFT-RFL196C20-220B	1.250	1.250	2.732	7.000	1.290	1.250	G 1/8-28	2175	2.599	QFT-L-0800-08-TF

SSC = To correspond with SSC on insert.

Spare parts	
Plug	Plug
3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

B98



F2



E1



G1



H37



H28



H21



H5

CoroCut® QF shank tool for face grooving

Spring-clamp design

B curve

B



C

Metric version

									Dimensions												
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	B	H	HLB	LF	WF	HF	CNT			MIID			
	QFU-K	32 x 32	32.0	80.0	180.0	51.6	3	QFU-LFK32C3232-080B	32.0	32.0	51.6	170.0	33.0	32.0	G 1/8-28	150	1.18	QFU-K-0600-04-TF			
		32 x 32	32.0	160.0	400.0	51.6	3	QFU-LFK32C3232-160B	32.0	32.0	51.6	170.0	33.0	32.0	G 1/8-28	150	1.18	QFU-K-0600-04-TF			
		32 x 32	32.0	220.0	1000.0	51.6	3	QFU-LFK32C3232-220B	32.0	32.0	51.6	170.0	33.0	32.0	G 1/8-28	150	1.18	QFU-K-0600-04-TF			
	QFU-L	32 x 32	33.0	60.0	150.0	52.6	3	QFU-LFL33C3232-060B	32.0	32.0	52.6	170.0	33.0	32.0	G 1/8-28	150	1.18	QFU-L-0800-08-TF			
		32 x 32	38.0	120.0	300.0	57.6	3	QFU-LFL38C3232-120B	32.0	32.0	57.6	170.0	33.0	32.0	G 1/8-28	150	1.18	QFU-L-0800-08-TF			
		32 x 32	50.0	220.0	1000.0	69.6	3	QFU-LFL50C3232-220B	32.0	32.0	69.6	170.0	33.0	32.0	G 1/8-28	150	1.09	QFU-L-0800-08-TF			

D

Inch version

								Ordering code	Dimensions, inch												MIID
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	CNSC		B	H	HLB	LF	WF	HF	CNT	PSI	LBS				
	QFU-K	1 1/4 x 1 1/4	1.250	3.150	7.087	1.628	3	QFU-LFK125C20-080B	1.250	1.250	2.022	7.000	1.290	1.250	G 1/8-28	2175	2.599	QFU-K-0600-04-TF			
		1 1/4 x 1 1/4	1.250	6.299	15.748	1.628	3	QFU-LFK125C20-160B	1.250	1.250	2.022	7.000	1.290	1.250	G 1/8-28	2175	2.396	QFU-K-0600-04-TF			
		1 1/4 x 1 1/4	1.250	8.661	39.370	1.628	3	QFU-LFK125C20-220B	1.250	1.250	2.022	7.000	1.290	1.250	G 1/8-28	2175	2.396	QFU-K-0600-04-TF			
	QFU-L	1 1/4 x 1 1/4	1.250	2.362	5.906	1.628	3	QFU-LFL125C20-060B	1.250	1.250	2.022	7.000	1.290	1.250	G 1/8-28	2175	2.396	QFU-L-0800-08-TF			
		1 1/4 x 1 1/4	1.500	4.724	11.811	2.272	3	QFU-LFL150C20-120B	1.250	1.250	2.272	7.000	1.290	1.250	G 1/8-28	2175	2.599	QFU-L-0800-08-TF			
		1 1/4 x 1 1/4	1.881	8.661	39.370	2.732	3	QFU-LFL196C20-220B	1.250	1.250	2.732	7.000	1.290	1.250	G 1/8-28	2175	2.599	QFU-L-0800-08-TF			

SSC = To correspond with SSC on insert.

Spare parts	
Plug	Plug
3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H

B98

F2

E1

G1

H37

H28

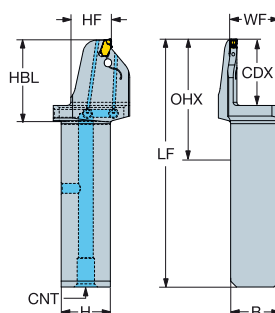
H21

H5

CoroCut® QF QS shank tool for face grooving

Spring-clamp design

B curve



Metric version

								Dimensions										MID
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT	BAR	KG	
	QFT-G	25 x 25	20.0	30.0	42.0	29.6	3	QFT-RFG20C2525-030B	25.0	25.0	29.6	113.6	25.5	25.0	G 1/8-28	150	0.50	QFT-G-0300-03-TF
		25 x 25	25.0	35.0	52.0	34.6	3	QFT-RFG25C2525-035B	25.0	25.0	34.6	118.6	25.5	25.0	G 1/8-28	150	0.48	QFT-G-0300-03-TF
		25 x 25	25.0	45.0	60.0	34.6	3	QFT-RFG25C2525-045B	25.0	25.0	34.6	118.6	25.5	25.0	G 1/8-28	150	0.48	QFT-G-0300-03-TF
		25 x 25	25.0	55.0	70.0	34.6	3	QFT-RFG25C2525-055B	25.0	25.0	34.6	118.6	25.5	25.0	G 1/8-28	150	0.48	QFT-G-0300-03-TF
		25 x 25	30.0	70.0	100.0	39.6	3	QFT-RFG30C2525-070B	25.0	25.0	39.6	123.6	25.5	25.0	G 1/8-28	150	0.48	QFT-G-0300-03-TF
		25 x 25	30.0	100.0	156.0	39.6	3	QFT-RFG30C2525-100B	25.0	25.0	39.6	123.6	25.5	25.0	G 1/8-28	150	0.48	QFT-G-0300-03-TF
	QFT-H	25 x 25	30.0	150.0	310.0	39.6	3	QFT-RFG30C2525-150B	25.0	25.0	39.6	123.6	25.5	25.0	G 1/8-28	150	0.50	QFT-G-0300-03-TF
		25 x 25	22.0	30.0	45.0	31.6	3	QFT-RFH22C2525-030B	25.0	25.0	31.6	115.6	25.5	25.0	G 1/8-28	150	0.48	QFT-H-0400-03-TF
		25 x 25	22.0	35.0	55.0	31.6	3	QFT-RFH22C2525-035B	25.0	25.0	31.6	115.6	25.5	25.0	G 1/8-28	150	0.48	QFT-H-0400-03-TF
		25 x 25	25.0	35.0	55.0	34.6	3	QFT-RFH25C2525-035B	25.0	25.0	34.6	118.6	25.5	25.0	G 1/8-28	150	0.49	QFT-H-0400-03-TF
		25 x 25	26.0	45.0	75.0	35.6	3	QFT-RFH26C2525-045B	25.0	25.0	35.6	119.6	25.5	25.0	G 1/8-28	150	0.49	QFT-H-0400-03-TF
		25 x 25	26.0	65.0	108.0	35.6	3	QFT-RFH26C2525-065B	25.0	25.0	35.6	119.6	25.5	25.0	G 1/8-28	150	0.48	QFT-H-0400-03-TF
		25 x 25	26.0	100.0	160.0	35.6	3	QFT-RFH26C2525-100B	25.0	25.0	35.6	119.6	25.5	25.0	G 1/8-28	150	0.48	QFT-H-0400-03-TF
		25 x 25	26.0	150.0	310.0	35.6	3	QFT-RFH26C2525-150B	25.0	25.0	35.6	119.6	25.5	25.0	G 1/8-28	150	0.48	QFT-H-0400-03-TF
		25 x 25	26.0	300.0	510.0	35.6	3	QFT-RFH26C2525-300B	25.0	25.0	35.6	119.6	25.5	25.0	G 1/8-28	150	0.49	QFT-H-0400-03-TF
		25 x 25	26.0	500.0	2000.0	35.6	3	QFT-RFH26C2525-500B	25.0	25.0	35.6	119.6	25.5	25.0	G 1/8-28	150	0.48	QFT-H-0400-03-TF
	QFT-K	25 x 25	32.0	45.0	75.0	41.6	3	QFT-RFH32C2525-045B	25.0	25.0	41.6	125.6	25.5	25.0	G 1/8-28	150	0.49	QFT-H-0400-03-TF
		25 x 25	32.0	65.0	108.0	41.6	3	QFT-RFH32C2525-065B	25.0	25.0	41.6	125.6	25.5	25.0	G 1/8-28	150	0.50	QFT-H-0400-03-TF
		25 x 25	38.0	100.0	160.0	47.6	3	QFT-RFH38C2525-100B	25.0	25.0	47.6	131.6	25.5	25.0	G 1/8-28	150	0.50	QFT-H-0400-03-TF
		25 x 25	38.0	150.0	310.0	47.6	3	QFT-RFH38C2525-150B	25.0	25.0	47.6	131.6	25.5	25.0	G 1/8-28	150	0.50	QFT-H-0400-03-TF
		25 x 25	38.0	300.0	510.0	47.6	3	QFT-RFH38C2525-300B	25.0	25.0	47.6	131.6	25.5	25.0	G 1/8-28	150	0.50	QFT-H-0400-03-TF
		25 x 25	38.0	500.0	2000.0	47.6	3	QFT-RFH38C2525-500B	25.0	25.0	47.6	131.6	25.5	25.0	G 1/8-28	150	0.50	QFT-H-0400-03-TF
		25 x 25	26.0	45.0	110.0	35.6	3	QFT-RFK26C2525-045B	25.0	25.0	8.0	119.6	26.0	25.0	G 1/8-28	150	0.48	QFT-K-0600-04-TF
		25 x 25	26.0	80.0	180.0	35.6	3	QFT-RFK26C2525-080B	25.0	25.0	8.0	119.6	26.0	25.0	G 1/8-28	150	0.48	QFT-K-0600-04-TF
		25 x 25	32.0	160.0	400.0	41.6	3	QFT-RFK32C2525-160B	25.0	25.0	8.0	125.6	26.0	25.0	G 1/8-28	150	0.48	QFT-K-0600-04-TF

SSC = To correspond with SSC on insert.

Spare parts	
Plug	Plug
3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

B98



F2



E1



G1



H37



H28



H21



H5

CoroCut® QF QS shank tool for face grooving

Spring-clamp design

B curve

B



C

Inch version

									Dimensions, inch												MIID
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	B	H	HLB	LF	WF	HF	CNT						
	QFT-G	1 x 1	.800	1.181	1.654	1.178	3	QFT-RFG080C16-030B	1.000	1.000	1.178	4.485	1.024	.984	G 1/8-28	2175	1.093	QFT-G-0300-03-TF			
		1 x 1	1.000	1.378	2.047	1.378	3	QFT-RFG100C16-035B	1.000	1.000	1.378	4.685	1.024	1.000	G 1/8-28	2175	1.080	QFT-G-0300-03-TF			
		1 x 1	1.000	1.772	2.362	1.378	3	QFT-RFG100C16-045B	1.000	1.000	1.378	4.685	1.024	1.000	G 1/8-28	2175	1.093	QFT-G-0300-03-TF			
		1 x 1	1.000	2.165	2.992	1.378	3	QFT-RFG100C16-055B	1.000	1.000	1.378	4.685	1.024	.984	G 1/8-28	2175	1.093	QFT-G-0300-03-TF			
		1 x 1	1.200	2.756	4.173	1.575	3	QFT-RFG120C16-070B	1.000	1.000	1.578	4.882	1.024	1.000	G 1/8-28	2175	1.093	QFT-G-0300-03-TF			
		1 x 1	1.200	3.937	6.142	1.575	3	QFT-RFG120C16-100B	1.000	1.000	1.578	4.882	1.024	1.000	G 1/8-28	2175	1.093	QFT-G-0300-03-TF			
		1 x 1	1.200	5.906	12.205	1.575	3	QFT-RFG120C16-150B	1.000	1.000	1.578	4.882	1.024	1.000	G 1/8-28	2175	1.080	QFT-G-0300-03-TF			
	QFT-H	1 x 1	.900	1.181	1.772	1.278	3	QFT-RFH090C16-030B	1.000	1.000	1.278	4.585	1.024	1.000	G 1/8-28	2175	1.232	QFT-H-0400-03-TF			
		1 x 1	1.000	1.378	2.047	1.378	3	QFT-RFH100C16-035B	1.000	1.000	1.378	4.685	1.024	1.000	G 1/8-28	2175	1.102	QFT-H-0400-03-TF			
		1 x 1	1.250	1.772	2.953	1.628	3	QFT-RFH125C16-045B	1.000	1.000	1.628	4.935	1.024	1.000	G 1/8-28	2175	1.102	QFT-H-0400-03-TF			
		1 x 1	1.250	2.559	4.252	1.628	3	QFT-RFH125C16-065B	1.000	1.000	1.628	4.935	1.024	1.000	G 1/8-28	2175	1.102	QFT-H-0400-03-TF			
		1 x 1	1.500	3.937	6.299	1.878	3	QFT-RFH150C16-100B	1.000	1.000	1.878	5.197	1.024	1.000	G 1/8-28	2175	1.102	QFT-H-0400-03-TF			
		1 x 1	1.500	5.906	12.205	1.878	3	QFT-RFH150C16-150B	1.000	1.000	1.878	5.197	1.024	1.000	G 1/8-28	2175	1.102	QFT-H-0400-03-TF			
		1 x 1	1.500	11.811	20.079	1.878	3	QFT-RFH150C16-300B	1.000	1.000	1.878	5.197	1.024	1.000	G 1/8-28	2175	1.142	QFT-H-0400-03-TF			
		1 x 1	1.500	19.685	78.740	1.878	3	QFT-RFH150C16-500B	1.000	1.000	1.878	5.197	1.024	1.000	G 1/8-28	2175	1.102	QFT-H-0400-03-TF			
	QFT-K	1 x 1	1.000	1.772	4.331	1.378	3	QFT-RFK100C16-045B	1.000	1.000	1.378	4.685	1.030	1.000	G 1/8-28	2175	1.060	QFT-K-0600-04-TF			
		1 x 1	1.000	3.150	7.087	1.378	3	QFT-RFK100C16-080B	1.000	1.000	1.378	4.685	1.030	1.000	G 1/8-28	2175	1.060	QFT-K-0600-04-TF			
		1 x 1	1.250	6.299	15.748	1.628	3	QFT-RFK125C16-160B	1.000	1.000	1.628	4.935	2.313	1.000	G 1/8-28	2175	1.060	QFT-K-0600-04-TF			

SSC = To correspond with SSC on insert.

Spare parts	
Plug	Plug
3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

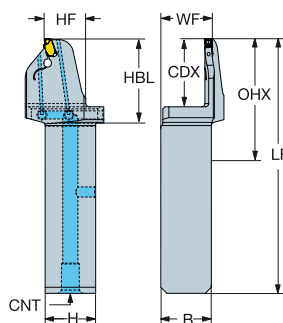
H



CoroCut® QF QS shank tool for face grooving

Spring-clamp design

B curve



Metric version

								Dimensions										MID
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT	BAR	KG	
	QFU-G	25 x 25	20.0	30.0	42.0	29.6	3	QFU-LFG20C2525-030B	25.0	25.0	29.6	113.6	25.5	25.0	G 1/8-28	150	0.48	QFU-G-0300-03-TF
		25 x 25	25.0	35.0	52.0	34.6	3	QFU-LFG25C2525-035B	25.0	25.0	34.6	118.6	25.5	25.0	G 1/8-28	150	0.50	QFU-G-0300-03-TF
		25 x 25	25.0	45.0	60.0	34.6	3	QFU-LFG25C2525-045B	25.0	25.0	34.6	118.6	25.5	25.0	G 1/8-28	150	0.48	QFU-G-0300-03-TF
		25 x 25	25.0	55.0	70.0	34.6	3	QFU-LFG25C2525-055B	25.0	25.0	34.6	118.6	25.5	25.0	G 1/8-28	150	0.48	QFU-G-0300-03-TF
		25 x 25	30.0	70.0	100.0	39.6	3	QFU-LFG30C2525-070B	25.0	25.0	39.6	123.6	25.5	25.0	G 1/8-28	150	0.49	QFU-G-0300-03-TF
		25 x 25	30.0	100.0	156.0	39.6	3	QFU-LFG30C2525-100B	25.0	25.0	39.6	123.6	25.5	25.0	G 1/8-28	150	0.49	QFU-G-0300-03-TF
	QFU-H	25 x 25	30.0	150.0	310.0	39.6	3	QFU-LFG30C2525-150B	25.0	25.0	39.6	123.6	25.5	25.0	G 1/8-28	150	0.48	QFU-G-0300-03-TF
		25 x 25	22.0	30.0	45.0	31.6	3	QFU-LFH22C2525-030B	25.0	25.0	31.6	115.6	25.5	25.0	G 1/8-28	150	0.49	QFU-H-0400-03-TF
		25 x 25	22.0	35.0	55.0	31.6	3	QFU-LFH22C2525-035B	25.0	25.0	31.6	115.6	25.5	25.0	G 1/8-28	150	0.56	QFU-H-0400-03-TF
		25 x 25	25.0	35.0	55.0	34.6	3	QFU-LFH25C2525-035B	25.0	25.0	34.6	118.6	25.5	25.0	G 1/8-28	150	0.49	QFU-H-0400-03-TF
		25 x 25	26.0	45.0	75.0	35.6	3	QFU-LFH26C2525-045B	25.0	25.0	35.6	119.6	25.5	25.0	G 1/8-28	150	0.48	QFU-H-0400-03-TF
		25 x 25	26.0	65.0	108.0	35.6	3	QFU-LFH26C2525-065B	25.0	25.0	35.6	119.6	25.5	25.0	G 1/8-28	150	0.48	QFU-H-0400-03-TF
		25 x 25	26.0	100.0	160.0	35.6	3	QFU-LFH26C2525-100B	25.0	25.0	35.6	119.6	25.5	25.0	G 1/8-28	150	0.48	QFU-H-0400-03-TF
		25 x 25	26.0	150.0	310.0	35.6	3	QFU-LFH26C2525-150B	25.0	25.0	35.6	119.6	25.5	25.0	G 1/8-28	150	0.49	QFU-H-0400-03-TF
		25 x 25	26.0	300.0	510.0	35.6	3	QFU-LFH26C2525-300B	25.0	25.0	35.6	119.6	25.5	25.0	G 1/8-28	150	0.48	QFU-H-0400-03-TF
		25 x 25	26.0	500.0	2000.0	35.6	3	QFU-LFH26C2525-500B	25.0	25.0	35.6	119.6	25.5	25.0	G 1/8-28	150	0.48	QFU-H-0400-03-TF
	QFU-K	25 x 25	32.0	45.0	75.0	41.6	3	QFU-LFH32C2525-045B	25.0	25.0	41.6	125.6	25.5	25.0	G 1/8-28	150	0.49	QFU-H-0400-03-TF
		25 x 25	32.0	65.0	108.0	41.6	3	QFU-LFH32C2525-065B	25.0	25.0	41.6	125.6	25.5	25.0	G 1/8-28	150	0.52	QFU-H-0400-03-TF
		25 x 25	38.0	100.0	160.0	47.6	3	QFU-LFH38C2525-100B	25.0	25.0	47.6	131.6	25.5	25.0	G 1/8-28	150	0.56	QFU-H-0400-03-TF
		25 x 25	38.0	150.0	310.0	47.6	3	QFU-LFH38C2525-150B	25.0	25.0	47.6	131.6	25.5	25.0	G 1/8-28	150	0.50	QFU-H-0400-03-TF
		25 x 25	38.0	300.0	510.0	47.6	3	QFU-LFH38C2525-300B	25.0	25.0	47.6	131.6	25.5	25.0	G 1/8-28	150	0.56	QFU-H-0400-03-TF
		25 x 25	38.0	500.0	2000.0	47.6	3	QFU-LFH38C2525-500B	25.0	25.0	47.6	131.6	25.5	25.0	G 1/8-28	150	0.56	QFU-H-0400-03-TF
		25 x 25	26.0	45.0	110.0	35.6	3	QFU-LFK26C2525-045B	25.0	25.0	8.0	119.6	26.0	25.0	G 1/8-28	150	0.48	QFU-K-0600-04-TF
		25 x 25	26.0	80.0	180.0	35.6	3	QFU-LFK26C2525-080B	25.0	25.0	8.0	119.6	26.0	25.0	G 1/8-28	150	0.48	QFU-K-0600-04-TF
		25 x 25	32.0	160.0	400.0	41.6	3	QFU-LFK32C2525-160B	25.0	25.0	8.0	125.6	26.0	25.0	G 1/8-28	150	0.48	QFU-K-0600-04-TF

SSC = To correspond with SSC on insert.

Spare parts	
Plug	Plug
3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

B98



F2



E1



G1



H37



H28



H21



H5

CoroCut®

QF QS shank tool for face grooving

Spring-clamp design

B curve



Inch version

									Dimensions, inch												MIID
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	B	H	HLB	LF	WF	HF	CNT	PSI	LBS				
	QFU-G	1 x 1	.800	1.181	1.654	1.178	3	QFU-LFG080C16-030B	1.000	1.000	1.178	4.485	1.024	1.000	G 1/8-28	2175	1.093	QFU-G-0300-03-TF			
		1 x 1	1.000	1.378	2.047	1.378	3	QFU-LFG100C16-035B	1.000	1.000	1.378	4.685	1.024	1.000	G 1/8-28	2175	1.093	QFU-G-0300-03-TF			
		1 x 1	1.000	1.772	2.362	1.378	3	QFU-LFG100C16-045B	1.000	1.000	1.378	4.685	1.024	1.000	G 1/8-28	2175	1.093	QFU-G-0300-03-TF			
		1 x 1	1.000	2.165	2.992	1.378	3	QFU-LFG100C16-055B	1.000	1.000	1.378	4.685	1.024	1.000	G 1/8-28	2175	1.091	QFU-G-0300-03-TF			
		1 x 1	1.200	2.756	4.173	1.575	3	QFU-LFG120C16-070B	1.000	1.000	1.575	5.197	1.024	1.000	G 1/8-28	2175	1.093	QFU-G-0300-03-TF			
		1 x 1	1.200	3.937	6.142	1.575	3	QFU-LFG120C16-100B	1.000	1.000	1.575	5.197	1.024	1.000	G 1/8-28	2175	1.093	QFU-G-0300-03-TF			
	QFU-H	1 x 1	1.200	5.906	12.205	1.575	3	QFU-LFG120C16-150B	1.000	1.000	1.575	4.882	1.024	1.000	G 1/8-28	2175	.882	QFU-G-0300-03-TF			
		1 x 1	.900	1.181	1.772	1.278	3	QFU-LFH090C16-030B	1.000	1.000	1.278	4.585	1.024	1.000	G 1/8-28	2175	1.102	QFU-H-0400-03-TF			
		1 x 1	1.000	1.378	2.165	1.378	3	QFU-LFH100C16-035B	1.000	1.000	1.378	4.685	1.024	1.000	G 1/8-28	2175	1.102	QFU-H-0400-03-TF			
		1 x 1	1.250	1.772	2.953	1.628	3	QFU-LFH125C16-045B	1.000	1.000	1.628	4.935	1.024	1.000	G 1/8-28	2175	1.102	QFU-H-0400-03-TF			
1 x 1		1.250	2.559	4.252	1.628	3	QFU-LFH125C16-065B	1.000	1.000	1.628	4.935	1.024	1.000	G 1/8-28	2175	1.102	QFU-H-0400-03-TF				
1 x 1		1.500	3.937	6.299	1.878	3	QFU-LFH150C16-100B	1.000	1.000	1.878	5.197	1.024	1.000	G 1/8-28	2175	1.124	QFU-H-0400-03-TF				
1 x 1		1.500	5.906	12.205	1.878	3	QFU-LFH150C16-150B	1.000	1.000	1.878	5.197	1.024	1.000	G 1/8-28	2175	1.102	QFU-H-0400-03-TF				
1 x 1		1.500	11.811	20.079	1.878	3	QFU-LFH150C16-300B	1.000	1.000	1.878	5.197	1.024	1.000	G 1/8-28	2175	1.102	QFU-H-0400-03-TF				
QFU-K	1 x 1	1.500	19.685	78.740	1.878	3	QFU-LFH150C16-500B	1.000	1.000	1.878	5.197	1.024	1.000	G 1/8-28	2175	1.124	QFU-H-0400-03-TF				
	1 x 1	1.000	1.772	3.937	1.378	3	QFU-LFK100C16-045B	1.000	1.000	1.378	4.685	1.030	1.000	G 1/8-28	2175	1.060	QFU-K-0600-04-TF				
	1 x 1	1.000	3.150	7.087	1.378	3	QFU-LFK100C16-080B	1.000	1.000	1.378	4.685	1.030	1.000	G 1/8-28	2175	1.060	QFU-K-0600-04-TF				
	1 x 1	1.250	6.299	15.748	1.628	3	QFU-LFK125C16-160B	1.000	1.000	1.628	4.935	2.313	1.000	G 1/8-28	2175	1.060	QFU-K-0600-04-TF				

SSC = To correspond with SSC on insert.

Spare parts	
Plug	Plug
3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

CoroCut® QF QS shank tool for face grooving

Spring-clamp design

B curve



Metric version

								Dimensions										MIID
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT	BAR	KG	
	QFT-H	25 x 25	22.0	30.0	45.0	8.0	3	QFT-LGH22C2525-030B	25.0	25.0	8.0	92.0	49.1	25.0	G 1/8-28	150	0.50	QFT-H-0400-03-TF
		25 x 25	25.0	35.0	55.0	8.0	3	QFT-LGH25C2525-035B	25.0	25.0	8.0	92.0	52.1	25.0	G 1/8-28	150	0.50	QFT-H-0400-03-TF
		25 x 25	32.0	45.0	75.0	8.0	3	QFT-LGH32C2525-045B	25.0	25.0	8.0	92.0	59.1	25.0	G 1/8-28	150	0.51	QFT-H-0400-03-TF
		25 x 25	32.0	65.0	108.0	8.0	3	QFT-LGH32C2525-065B	25.0	25.0	8.0	92.0	59.1	25.0	G 1/8-28	150	0.51	QFT-H-0400-03-TF
		25 x 25	38.0	100.0	160.0	8.0	3	QFT-LGH38C2525-100B	25.0	25.0	8.0	92.0	65.1	25.0	G 1/8-28	150	0.53	QFT-H-0400-03-TF
		25 x 25	38.0	150.0	310.0	8.0	3	QFT-LGH38C2525-150B	25.0	25.0	8.0	92.0	65.1	25.0	G 1/8-28	150	0.50	QFT-H-0400-03-TF
	QFT-K	25 x 25	26.0	45.0	100.0	8.0	3	QFT-LGK26C2525-045B	25.0	25.0	8.0	94.0	52.6	25.0	G 1/8-28	150	0.48	QFT-K-0600-04-TF
		25 x 25	26.0	80.0	180.0	8.0	3	QFT-LGK26C2525-080B	25.0	25.0	8.0	94.0	52.6	25.0	G 1/8-28	150	0.48	QFT-K-0600-04-TF
		25 x 25	32.0	160.0	400.0	8.0	3	QFT-LGK32C2525-160B	25.0	25.0	8.0	94.0	58.6	25.0	G 1/8-28	150	0.48	QFT-K-0600-04-TF

Inch version

								Dimensions, inch										MIID
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT	PSI	LBS	
	QFT-H	1 x 1	.900	1.181	1.772	.315	3	QFT-LGH090C16-030B	1.000	1.000	.315	3.622	1.983	1.000	G 1/8-28	2175	1.102	QFT-H-0400-03-TF
		1 x 1	1.000	1.378	2.047	.315	3	QFT-LGH100C16-035B	1.000	1.000	.315	3.622	2.083	1.000	G 1/8-28	2175	1.102	QFT-H-0400-03-TF
		1 x 1	1.250	1.772	2.953	.315	3	QFT-LGH125C16-045B	1.000	1.000	.315	3.622	2.333	1.000	G 1/8-28	2175	1.102	QFT-H-0400-03-TF
		1 x 1	1.250	2.559	4.252	.315	3	QFT-LGH125C16-065B	1.000	1.000	.315	3.622	2.333	1.000	G 1/8-28	2175	1.102	QFT-H-0400-03-TF
		1 x 1	1.500	3.937	6.299	.315	3	QFT-LGH150C16-100B	1.000	1.000	.315	3.622	2.583	1.000	G 1/8-28	2175	1.146	QFT-H-0400-03-TF
		1 x 1	1.500	5.906	12.205	.315	3	QFT-LGH150C16-150B	1.000	1.000	.315	3.622	2.583	1.000	G 1/8-28	2175	1.197	QFT-H-0400-03-TF
	QFT-K	1 x 1	1.000	1.772	4.331	.315	3	QFT-LGK100C16-045B	1.000	1.000	.315	3.701	2.063	1.000	G 1/8-28	2175	1.060	QFT-K-0600-04-TF
		1 x 1	1.000	3.150	7.087	.315	3	QFT-LGK100C16-080B	1.000	1.000	.315	3.701	2.063	1.000	G 1/8-28	2175	1.060	QFT-K-0600-04-TF
		1 x 1	1.250	6.299	15.748	.315	3	QFT-LGK125C16-160B	1.000	1.000	.315	3.701	2.313	1.000	G 1/8-28	2175	1.060	QFT-K-0600-04-TF

SSC = To correspond with SSC on insert.

Spare parts	
Plug	Plug
3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com



B98



F2



E1



G1



H37



H28



H21



H5

CoroCut® QF QS shank tool for face grooving

Spring-clamp design

B curve



Metric version

									Dimensions												
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	B	H	HBL	LF	WF	HF	CNT			MIID			
 	QFU-H	25 x 25	22.0	30.0	45.0	8.0	3	QFU-RGH22C2525-030B	25.0	25.0	8.0	92.0	25.5	25.0	G 1/8-28	150	0.50	QFU-H-0400-03-TF			
		25 x 25	25.0	35.0	55.0	8.0	3	QFU-RGH25C2525-035B	25.0	25.0	8.0	92.0	52.1	25.0	G 1/8-28	150	0.51	QFU-H-0400-03-TF			
		25 x 25	32.0	45.0	75.0	8.0	3	QFU-RGH32C2525-045B	25.0	25.0	8.0	92.0	59.1	25.0	G 1/8-28	150	0.51	QFU-H-0400-03-TF			
		25 x 25	32.0	65.0	108.0	8.0	3	QFU-RGH32C2525-065B	25.0	25.0	8.0	92.0	59.1	25.0	G 1/8-28	150	0.50	QFU-H-0400-03-TF			
		25 x 25	38.0	100.0	160.0	8.0	3	QFU-RGH38C2525-100B	25.0	25.0	8.0	92.0	65.1	25.0	G 1/8-28	150	0.52	QFU-H-0400-03-TF			
	QFU-K	25 x 25	38.0	150.0	310.0	8.0	3	QFU-RGH38C2525-150B	25.0	25.0	8.0	92.0	65.1	25.0	G 1/8-28	150	0.52	QFU-H-0400-03-TF			
		25 x 25	26.0	45.0	100.0	8.0	3	QFU-RGK26C2525-045B	25.0	25.0	8.0	94.0	52.6	25.0	G 1/8-28	150	0.48	QFU-K-0600-04-TF			
		25 x 25	26.0	80.0	180.0	8.0	3	QFU-RGK26C2525-080B	25.0	25.0	8.0	94.0	52.6	25.0	G 1/8-28	150	0.48	QFU-K-0600-04-TF			
		25 x 25	32.0	160.0	400.0	8.0	3	QFU-RGK32C2525-160B	25.0	25.0	8.0	94.0	58.6	25.0	G 1/8-28	150	0.48	QFU-K-0600-04-TF			

Inch version

									Dimensions, inch											
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	CNSC	Ordering code	B	H	HL	LF	WF	HF	CNT	PSI	LBS	MIID		
	QFU-H	1 x 1	.900	1.181	1.772	.315	3	QFU-RGH090C16-030B	1.000	1.000	.315	3.622	1.983	1.000	G 1/8-28	2175	1.102	QFU-H-0400-03-TF		
		1 x 1	1.000	1.378	2.047	.315	3	QFU-RGH100C16-035B	1.000	1.000	.315	3.622	2.083	1.000	G 1/8-28	2175	1.102	QFU-H-0400-03-TF		
		1 x 1	1.250	1.772	2.953	.315	3	QFU-RGH125C16-045B	1.000	1.000	.315	3.622	2.333	1.000	G 1/8-28	2175	.891	QFU-H-0400-03-TF		
		1 x 1	1.250	2.559	4.252	.315	3	QFU-RGH125C16-065B	1.000	1.000	.315	3.622	2.333	1.000	G 1/8-28	2175	1.102	QFU-H-0400-03-TF		
		1 x 1	1.500	3.937	6.299	.315	3	QFU-RGH150C16-100B	1.000	1.000	.315	3.622	2.583	1.000	G 1/8-28	2175	1.232	QFU-H-0400-03-TF		
		1 x 1	1.500	5.906	12.205	.315	3	QFU-RGH150C16-150B	1.000	1.000	.315	3.622	2.583	1.000	G 1/8-28	2175	1.102	QFU-H-0400-03-TF		
	QFU-K	1 x 1	1.000	1.772	3.937	.315	3	QFU-RGK100C16-045B	1.000	1.000	.315	3.701	2.063	1.000	G 1/8-28	2175	1.060	QFU-K-0600-04-TF		
		1 x 1	1.000	3.150	7.087	.315	3	QFU-RGK100C16-080B	1.000	1.000	.315	3.701	2.063	1.000	G 1/8-28	2175	1.060	QFU-K-0600-04-TF		
		1 x 1	1.000	6.299	15.748	.315	3	QFU-RGK125C16-160B	1.000	1.000	.315	3.701	2.313	1.000	G 1/8-28	2175	1.060	QFU-K-0600-04-TF		

SSC = To correspond with SSC on insert.

Spare parts	
Plug	Plug
3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com



CoroCut® QF head for face grooving

Spring-clamp design

B curve

B

C

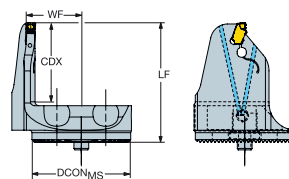
D

E

F

G

H



									Dimensions, mm, inch							
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHN	CNSC	Ordering code	DCON _{MS}	LF	WF	HF			MID	
	QFT-K	40	26.0	45.0	100.0		1	SL-QFT-RK26C40-045B	40	42.0	24.5	0.1	150	0.13	QFT-K-0600-04-TF	
			<i>1.024 1.772 3.937</i>	<i>1.575 1.654 .965 .004 2175</i>												
		40	32.0	80.0	180.0		1	SL-QFT-RK32C40-080B	40	48.0	24.5	0.1	150	0.13	QFT-K-0600-04-TF	
			<i>1.260 3.150 7.087</i>	<i>1.575 1.890 .965 .004 2175</i>												
		40	32.0	160.0	400.0		1	SL-QFT-RK32C40-160B	40	48.0	24.5	0.1	150	0.13	QFT-K-0600-04-TF	
			<i>1.260 6.299 15.748</i>	<i>1.575 1.890 .965 .004 2175</i>												
	QFT-G	40	32.0	200.0	1000.0		1	SL-QFT-RK32C40-200B	40	48.0	24.5	0.1	150	0.13	QFT-K-0600-04-TF	
			<i>1.260 7.874 39.370</i>	<i>1.575 1.890 .965 .004 2175</i>												
		40	20.0	30.0	42.0	36.0	1	SL-QFT-RG20C40-030B	40	36.0	22.0	0.1	150	0.42	QFT-G-0300-03-TF	
			<i>.787 1.181 1.654 1.417</i>	<i>1.575 1.417 .866 .004 2175</i>												
		40	25.0	35.0	52.0	41.0	1	SL-QFT-RG25C40-035B	40	41.0	22.0	0.1	150	0.15	QFT-G-0300-03-TF	
			<i>.984 1.378 2.047 1.614</i>	<i>1.575 1.614 .866 .004 2175</i>												
	QFT-H	40	25.0	45.0	60.0	41.0	1	SL-QFT-RG25C40-045B	40	41.0	22.0	0.1	150	0.15	QFT-G-0300-03-TF	
			<i>.984 1.772 2.362 1.614</i>	<i>1.575 1.614 .866 .004 2175</i>												
		40	25.0	55.0	76.0	41.0	1	SL-QFT-RG25C40-055B	40	41.0	22.0	0.1	150	0.15	QFT-G-0300-03-TF	
			<i>.984 2.165 2.992 1.614</i>	<i>1.575 1.614 .866 .004 2175</i>												
		40	30.0	70.0	106.0	46.0	1	SL-QFT-RG30C40-070B	40	46.0	22.0	0.1	150	0.15	QFT-G-0300-03-TF	
			<i>1.181 2.756 4.173 1.811</i>	<i>1.575 1.811 .866 .004 2175</i>												
		QFT-H	40	30.0	100.0	156.0	46.0	1	SL-QFT-RG30C40-100B	40	46.0	22.0	0.1	150	0.15	QFT-G-0300-03-TF
				<i>1.181 3.937 6.142 1.811</i>	<i>1.575 1.811 .866 .004 2175</i>											
			40	30.0	150.0	310.0	46.0	1	SL-QFT-RG30C40-150B	40	46.0	22.0	0.1	150	0.15	QFT-G-0300-03-TF
				<i>1.181 5.906 12.205 1.811</i>	<i>1.575 1.811 .866 .004 2175</i>											
			40	22.0	30.0	45.0	38.0	1	SL-QFT-RH22C40-030B	40	38.0	22.5	0.1	150	0.22	QFT-H-0400-03-TF
				<i>.866 1.181 1.772 1.496</i>	<i>1.575 1.496 .886 .004 2175</i>											
QFT-H		40	25.0	35.0	55.0	41.0	1	SL-QFT-RH25C40-035B	40	41.0	22.5	0.1	150	0.22	QFT-H-0400-03-TF	
			<i>.984 1.378 2.165 1.614</i>	<i>1.575 1.614 .886 .004 2175</i>												
		40	32.0	45.0	75.0	48.0	1	SL-QFT-RH32C40-045B	40	48.0	22.5	0.1	150	0.16	QFT-H-0400-03-TF	
			<i>1.260 1.772 2.953 1.890</i>	<i>1.575 1.890 .886 .004 2175</i>												
		40	32.0	65.0	108.0	48.0	1	SL-QFT-RH32C40-065B	40	48.0	22.5	0.1	150	0.22	QFT-H-0400-03-TF	
			<i>1.260 2.559 4.252 1.890</i>	<i>1.575 1.890 .886 .004 2175</i>												
QFT-H		40	38.0	100.0	160.0	54.0	1	SL-QFT-RH38C40-100B	40	54.0	22.5	0.1	150	0.18	QFT-H-0400-03-TF	
			<i>1.496 3.937 6.299 2.126</i>	<i>1.575 2.126 .886 .004 2175</i>												
		40	38.0	150.0	310.0	54.0	1	SL-QFT-RH38C40-150B	40	54.0	22.5	0.1	150	0.17	QFT-H-0400-03-TF	
			<i>1.496 5.906 12.205 2.126</i>	<i>1.575 2.126 .886 .004 2175</i>												
		40	38.0	300.0	510.0	54.0	1	SL-QFT-RH38C40-300B	40	54.0	22.5	0.1	150	0.17	QFT-H-0400-03-TF	
			<i>1.496 11.811 20.079 2.126</i>	<i>1.575 2.126 .886 .004 2175</i>												

SSC = To correspond with SSC on insert.

Spare parts
Locating tube 5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

B98



F2



E1



G1



H37



H28



H21



H5

CoroCut® QF head for face grooving

Spring-clamp design

B curve

B



C

								Ordering code	Dimensions, mm, inch						MIID
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHN	CNSC		DCON _{MS}	LF	WF	HF	BAR PSI	KG	
	QFU-K	40	32.0	45.0	100.0		1	SL-QFU-LK26C40-045B	40	42.0	24.5	0.1	150	0.13	QFU-K-0600-04-TF
			1.260	1.772	3.937				1.575	1.654	.965	.004	2175		
		40	32.0	80.0	180.0		1	SL-QFU-LK32C40-080B	40	48.0	24.5	0.1	150	0.13	QFU-K-0600-04-TF
			1.260	3.150	7.087				1.575	1.890	.965	.004	2175		
		40	32.0	160.0	400.0		1	SL-QFU-LK32C40-160B	40	48.0	24.5	0.1	150	0.13	QFU-K-0600-04-TF
			1.260	6.299	15.748				1.575	1.890	.965	.004	2175		
		40	32.0	200.0	1000.0		1	SL-QFU-LK32C40-200B	40	48.0	24.5	0.1	150	0.13	QFU-K-0600-04-TF
			1.260	7.874	39.370				1.575	1.890	.965	.004	2175		
	QFU-G	40	20.0	30.0	42.0	36.0	1	SL-QFU-LG20C40-030B	40	36.0	22.0	0.1	150	0.15	QFU-G-0300-03-TF
			.787	1.181	1.654	1.417			1.575	1.417	.866	.004	2175		
D		40	25.0	35.0	52.0	41.0	1	SL-QFU-LG25C40-035B	40	41.0	22.0	0.1	150	0.15	QFU-G-0300-03-TF
			.984	1.378	2.047	1.614			1.575	1.614	.866	.004	2175		
		40	25.0	45.0	60.0	41.0	1	SL-QFU-LG25C40-045B	40	41.0	22.0	0.1	150	0.15	QFU-G-0300-03-TF
			.984	1.772	2.362	1.614			1.575	1.614	.866	.004	2175		
		40	25.0	55.0	76.0	41.0	1	SL-QFU-LG25C40-055B	40	41.0	22.0	0.1	150	0.15	QFU-G-0300-03-TF
			.984	2.165	2.992	1.614			1.575	1.614	.866	.004	2175		
		40	30.0	70.0	106.0	46.0	1	SL-QFU-LG30C40-070B	40	46.0	22.0	0.1	150	0.15	QFU-G-0300-03-TF
			1.181	2.756	4.173	1.811			1.575	1.811	.866	.004	2175		
		40	30.0	100.0	156.0	46.0	1	SL-QFU-LG30C40-100B	40	46.0	22.0	0.1	150	0.15	QFU-G-0300-03-TF
			1.181	3.937	6.142	1.811			1.575	1.811	.866	.004	2175		
E		40	30.0	150.0	310.0	46.0	1	SL-QFU-LG30C40-150B	40	46.0	22.0	0.1	150	0.15	QFU-G-0300-03-TF
			1.181	5.906	12.205	1.811			1.575	1.811	.866	.004	2175		
	QFU-H	40	22.0	30.0	45.0	38.0	1	SL-QFU-LH22C40-030B	40	38.0	22.5	0.1	150	0.22	QFU-H-0400-03-TF
			.866	1.181	1.772	1.496			1.575	1.496	.886	.004	2175		
		40	25.0	35.0	55.0	41.0	1	SL-QFU-LH25C40-035B	40	41.0	22.5	0.1	150	0.22	QFU-H-0400-03-TF
			.984	1.378	2.165	1.614			1.575	1.614	.886	.004	2175		
		40	32.0	45.0	75.0	48.0	1	SL-QFU-LH32C40-045B	40	48.0	22.5	0.1	150	0.22	QFU-H-0400-03-TF
			1.260	1.772	2.953	1.890			1.575	1.890	.886	.004	2175		
		40	32.0	65.0	108.0	48.0	1	SL-QFU-LH32C40-065B	40	48.0	22.5	0.1	150	0.22	QFU-H-0400-03-TF
			1.260	2.559	4.252	1.890			1.575	1.890	.886	.004	2175		
F		40	38.0	100.0	160.0	54.0	1	SL-QFU-LH38C40-100B	40	54.0	22.5	0.1	150	0.17	QFU-H-0400-03-TF
			1.496	3.937	6.299	2.126			1.575	2.126	.886	.004	2175		
		40	38.0	150.0	310.0	54.0	1	SL-QFU-LH38C40-150B	40	54.0	22.5	0.1	150	0.17	QFU-H-0400-03-TF
			1.496	5.906	12.205	2.126			1.575	2.126	.886	.004	2175		
		40	38.0	300.0	510.0	54.0	1	SL-QFU-LH38C40-300B	40	54.0	22.5	0.1	150	0.22	QFU-H-0400-03-TF
			1.496	11.811	20.079	2.126			1.575	2.126	.886	.004	2175		

SSC = To correspond with SSC on insert.

Spare parts
Locating tube
5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

G

H



CoroCut® QF head for face grooving

Spring-clamp design

A curve



B

C

								Dimensions, mm, inch							MID
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHN	CNSC	Ordering code	DCON _{MS}	LF	WF	HF	BAR PSI	KG	
	QFT-G	32	20.0	30.0	42.0	36.0	1	SL-QFT-LG20C32-030A	32	36.0	18.0	0.1	150	0.11	QFT-G-0300-03-TF
			.787	1.181	1.654	1.417			1.259	1.417	.709	.004	2175		
		32	25.0	35.0	52.0	41.0	1	SL-QFT-LG25C32-035A	32	41.0	18.0	0.1	150	0.10	QFT-G-0300-03-TF
			.984	1.378	2.047	1.614			1.259	1.614	.709	.004	2175		
		32	25.0	45.0	60.0	41.0	1	SL-QFT-LG25C32-045A	32	41.0	18.0	0.1	150	0.11	QFT-G-0300-03-TF
			.984	1.772	2.362	1.614			1.259	1.614	.709	.004	2175		
		40	25.0	38.0	52.0	41.0	1	SL-QFT-LG25C40-038A	40	41.0	22.0	0.1	150	0.14	QFT-G-0300-03-TF
			.984	1.496	2.047	1.614			1.574	1.614	.866	.004	2175		
		40	25.0	45.0	60.0	41.0	1	SL-QFT-LG25C40-045A	40	41.0	22.0	0.1	150	0.17	QFT-G-0300-03-TF
			.984	1.772	2.362	1.614			1.574	1.614	.866	.004	2175		
	QFT-H	32	22.0	30.0	45.0	38.0	1	SL-QFT-LH22C32-030A	32	38.0	18.5	0.1	150	0.11	QFT-H-0400-03-TF
			.866	1.181	1.772	1.496			1.259	1.496	.728	.004	2175		
		32	25.0	35.0	55.0	41.0	1	SL-QFT-LH25C32-035A	32	41.0	18.5	0.1	150	0.11	QFT-H-0400-03-TF
			.984	1.378	2.165	1.614			1.259	1.614	.728	.004	2175		
		40	25.0	36.0	55.0	41.0	1	SL-QFT-LH25C40-036A	40	41.0	22.5	0.1	150	0.15	QFT-H-0400-03-TF
			.984	1.417	2.165	1.614			1.574	1.614	.866	.004	2175		
		40	32.0	45.0	75.0	48.0	1	SL-QFT-LH32C40-045A	40	48.0	22.5	0.1	150	0.15	QFT-H-0400-03-TF
			1.260	1.772	2.953	1.890			1.574	1.890	.866	.004	2175		
		40	32.0	65.0	108.0	48.0	1	SL-QFT-LH32C40-065A	40	48.0	22.5	0.1	150	0.16	QFT-H-0400-03-TF
			1.260	2.559	4.252	1.890			1.574	1.890	.866	.004	2175		
		40	38.0	100.0	160.0	54.0	1	SL-QFT-LH38C40-100A	40	54.0	22.5	0.1	150	0.22	QFT-H-0400-03-TF
			1.496	3.937	6.299	2.126			1.574	2.126	.866	.004	2175		
	QFT-K	40	38.0	150.0	310.0	54.0	1	SL-QFT-LH38C40-150A	40	54.0	22.5	0.1	150	0.22	QFT-H-0400-03-TF
			1.496	5.906	12.205	2.126			1.574	2.126	.866	.004	2175		
		40	38.0	300.0	510.0	54.0	1	SL-QFT-LH38C40-300A	40	54.0	22.5	0.1	150	0.22	QFT-H-0400-03-TF
			1.496	11.811	20.079	2.126			1.574	2.126	.866	.004	2175		
		40	26.0	45.0	100.0		1	SL-QFT-LK26C40-045A	40	42.0	24.5	0.1	150	0.13	QFT-K-0600-04-TF
			1.024	1.772	3.937				1.574	1.654	.965	.004	2175		
		40	32.0	80.0	180.0		1	SL-QFT-LK32C40-080A	40	48.0	24.5	0.1	150	0.13	QFT-K-0600-04-TF
			1.260	3.150	7.087				1.574	1.890	.965	.004	2175		
		40	32.0	160.0	400.0		1	SL-QFT-LK32C40-160A	40	48.0	24.5	0.1	150	0.13	QFT-K-0600-04-TF
			1.260	6.299	15.748				1.574	1.890	.965	.004	2175		
		40	32.0	200.0	1000.0		1	SL-QFT-LK32C40-200A	40	48.0	24.5	0.1	150	0.13	QFT-K-0600-04-TF
			1.260	7.874	39.370				1.574	1.890	.965	.004	2175		

D

E

F

SSC = To correspond with SSC on insert.

G

Spare parts
Locating tube
5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

H

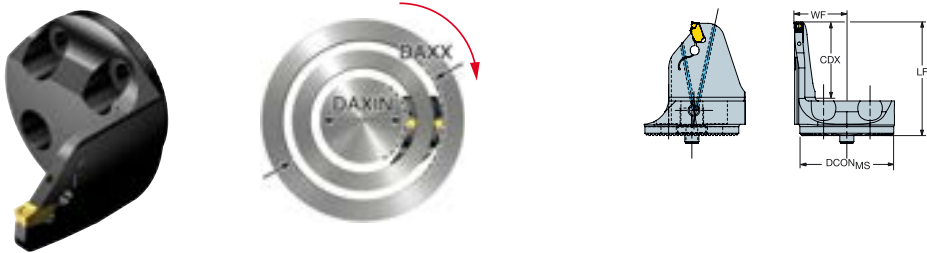


CoroCut® QF head for face grooving

Spring-clamp design

A curve

B



C

								Ordering code	Dimensions, mm, inch						MIID
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHN	CNSC		DCON _{MS}	LF	WF	HF			
	QFU-G	32	20.0	30.0	42.0	36.0	1	SL-QFU-RG20C32-030A	32	36.0	18.0	0.1	150	0.10	QFU-G-0300-03-TF
			.787	1.181	1.654	1.417			1.259	1.417	.709	.004	2175		
		32	25.0	35.0	52.0	41.0	1	SL-QFU-RG25C32-035A	32	41.0	18.0	0.1	150	0.21	QFU-G-0300-03-TF
			.984	1.378	2.047	1.614			1.259	1.614	.709	.004	2175		
		32	25.0	45.0	60.0	41.0	1	SL-QFU-RG25C32-045A	32	41.0	18.0	0.1	150	0.11	QFU-G-0300-03-TF
			.984	1.772	2.362	1.614			1.259	1.614	.709	.004	2175		
		40	25.0	38.0	52.0	41.0	1	SL-QFU-RG25C40-038A	40	41.0	22.0	0.1	150	0.22	QFU-G-0300-03-TF
			.984	1.496	2.047	1.614			1.574	1.614	.866	.004	2175		
		40	25.0	45.0	60.0	41.0	1	SL-QFU-RG25C40-045A	40	41.0	22.0	0.1	150	0.14	QFU-G-0300-03-TF
			.984	1.772	2.362	1.614			1.574	1.614	.866	.004	2175		
		40	25.0	55.0	76.0	41.0	1	SL-QFU-RG25C40-055A	40	41.0	22.0	0.1	150	0.14	QFU-G-0300-03-TF
			.984	2.165	2.992	1.614			1.574	1.614	.866	.004	2175		
		40	30.0	70.0	106.0	46.0	1	SL-QFU-RG30C40-070A	40	46.0	22.0	0.1	150	0.14	QFU-G-0300-03-TF
			1.181	2.756	4.173	1.811			1.574	1.811	.866	.004	2175		
		40	30.0	100.0	156.0	46.0	1	SL-QFU-RG30C40-100A	40	46.0	22.0	0.1	150	0.15	QFU-G-0300-03-TF
			1.181	3.937	6.142	1.811			1.574	1.811	.866	.004	2175		
		40	30.0	150.0	310.0	46.0	1	SL-QFU-RG30C40-150A	40	46.0	22.0	0.1	150	0.15	QFU-G-0300-03-TF
			1.181	5.906	12.205	1.811			1.574	1.811	.866	.004	2175		
	QFU-H	32	22.0	30.0	45.0	38.0	1	SL-QFU-RH22C32-030A	32	38.0	18.5	0.1	150	0.12	QFU-H-0400-03-TF
			.866	1.181	1.772	1.496			1.259	1.496	.728	.004	2175		
		32	25.0	35.0	52.0	41.0	1	SL-QFU-RH25C32-035A	32	41.0	18.5	0.1	150	0.11	QFU-H-0400-03-TF
			.984	1.378	2.047	1.614			1.259	1.614	.728	.004	2175		
		40	25.0	36.0	55.0	41.0	1	SL-QFU-RH25C40-036A	40	41.0	22.5	0.1	150	0.15	QFU-H-0400-03-TF
			.984	1.417	2.165	1.614			1.574	1.614	.866	.004	2175		
		40	32.0	45.0	75.0	48.0	1	SL-QFU-RH32C40-045A	40	48.0	22.5	0.1	150	0.15	QFU-H-0400-03-TF
			1.260	1.772	2.953	1.890			1.574	1.890	.866	.004	2175		
		40	32.0	65.0	108.0	48.0	1	SL-QFU-RH32C40-065A	40	48.0	22.5	0.1	150	0.16	QFU-H-0400-03-TF
			1.260	2.559	4.252	1.890			1.574	1.890	.866	.004	2175		
		40	38.0	100.0	160.0	54.0	1	SL-QFU-RH38C40-100A	40	54.0	22.5	0.1	150	0.17	QFU-H-0400-03-TF
			1.496	3.937	6.299	2.126			1.574	2.126	.866	.004	2175		
		40	38.0	150.0	310.0	54.0	1	SL-QFU-RH38C40-150A	40	54.0	22.5	0.1	150	0.17	QFU-H-0400-03-TF
			1.496	5.906	12.205	2.126			1.574	2.126	.866	.004	2175		
		40	38.0	300.0	510.0	54.0	1	SL-QFU-RH38C40-300A	40	54.0	22.5	0.1	150	0.17	QFU-H-0400-03-TF
			1.496	11.811	20.079	2.126			1.574	2.126	.866	.004	2175		
	QFU-K	40	26.0	45.0	100.0		1	SL-QFU-RK26C40-045A	40	42.0	24.5	0.1	150	0.13	QFU-K-0600-04-TF
			1.024	1.772	3.937				1.574	1.654	.965	.004	2175		
		40	32.0	80.0	180.0		1	SL-QFU-RK32C40-080A	40	48.0	24.5	0.1	150	0.13	QFU-K-0600-04-TF
			1.260	3.150	7.087				1.574	1.890	.965	.004	2175		
		40	32.0	160.0	400.0		1	SL-QFU-RK32C40-160A	40	48.0	24.5	0.1	150	0.13	QFU-K-0600-04-TF
			1.260	6.299	15.748				1.574	1.890	.965	.004	2175		
		40	32.0	200.0	1000.0		1	SL-QFU-RK32C40-200A	40	48.0	24.5	0.1	150	0.13	QFU-K-0600-04-TF
			1.260	7.874	39.370				1.574	1.890	.965	.004	2175		

SSC = To correspond with SSC on insert.

Spare parts
Locating tube
5638 031-01

For the complete list of spare parts, visit www.sandvik.coromant.com

H



CoroCut® 3

Shallow parting off and precision grooving

Application

- Parting off
- Circlip grooving
- External grooving
- Profiling
- Optimized for parting-off bearing rings

ISO application area:



Benefits and features

- Precision grooving down to the smallest widths
- Maximum versatility—one holder for all insert widths
- Cost efficient thanks to three cutting edges
- Stable interface
- Three-edged inserts with very close insert indexing tolerance
- Tailor Made inserts available



www.sandvik.coromant.com/corocut3

Inserts

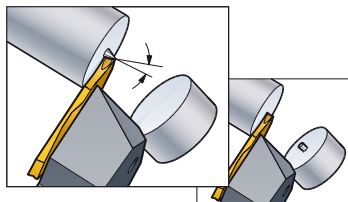
- GC1125: One versatile grade in four different geometries:
- CM for parting-off in the medium feed area
- CS for parting-off in extremely low feed machining
- GS for precision grooving at low feed
- RS for profiling and grooving at low feed

Tools

- Coromant Capto®
- QS shank tools
- Rectangular shank holders
- CoroTurn® SL cutting heads

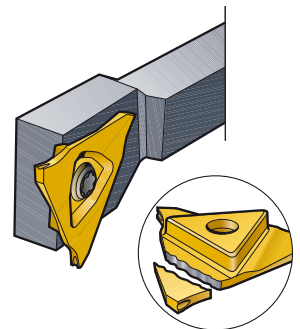
Front angled inserts

Inserts available with front angle for pip and burr-free parting off.



Independent insert location if breakages occur

Inserts can be indexed directly on the machine by unscrewing two turns. If insert breakage occurs, the clamping mechanism will not be affected - just index the insert and re-start the machine.



B118



B118



H28

CoroCut® 3

B

Inserts

	Parting		Grooving	Profiling
				
	123-CM	123-CS	123-GS	123-RS
Insert width, mm	1.00-2.00	1.00-2.00	0.50-3.18	0.50-3.00
Insert width, inch	.039-.079	.039-.079	.020-.125	.020-.118
Page	B119	B120	B122	B124

D

Tools

		
Tool holding	Parting and grooving	Grooving
Coromant Capto®	B125	
Shank	B126	
CoroTurn® SL cutting head		B127

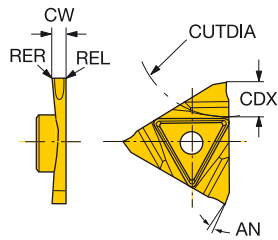
F

G

H

CoroCut® 3 insert for parting

Shallow parting



												Dimensions, mm, inch						
		SSC	CW	REL	RER	CDX	Ordering code	P	M	K	N	S	AN	CUTDIA	CWTOLL	CWTOLU	RETOLL	RETOLU
Finishing		T	1.00	0.00	0.00	4.3	N123T3-0100-0000-CS	1125	1125	1125	1125	1125	7°	50.00	-0.050	0.030	0.000	0.050
			.039	.000	.000	.169								1.969	-.0020	.0012	.0000	.0020
			1.50	0.00	0.00	6.4	N123T3-0150-0000-CS	1125	1125	1125	1125	1125	7°	100.00	-0.050	0.030	0.000	0.050
			.059	.000	.000	.252								3.937	-.0020	.0012	.0000	.0020
			2.00	0.00	0.00	6.4	N123T3-0200-0000-CS	1125	1125	1125	1125	1125	7°	100.00	-0.050	0.030	0.000	0.050
			.079	.000	.000	.252								3.937	-.0020	.0012	.0000	.0020
		U	1.00	0.00	0.00	4.3	N123U3-0100-0000-CS	1125	1125	1125	1125	1125	7°	50.00	-0.050	0.030	0.000	0.050
			.039	.000	.000	.169								1.969	-.0020	.0012	.0000	.0020
			1.50	0.00	0.00	6.4	N123U3-0150-0000-CS	1125	1125	1125	1125	1125	7°	100.00	-0.050	0.030	0.000	0.050
			.059	.000	.000	.252								3.937	-.0020	.0012	.0000	.0020
Medium		T	1.00	0.10	0.10	4.3	N123T3-0100-0001-CM	1125	1125	1125	1125	1125	7°	50.00	-0.030	0.030	-0.050	0.050
			.039	.004	.004	.169								1.969	-.0012	.0012	-.0020	.0020
			1.50	0.10	0.10	6.4	N123T3-0150-0001-CM	1125	1125	1125	1125	1125	7°	100.00	-0.030	0.030	-0.050	0.050
			.059	.004	.004	.252								3.937	-.0012	.0012	-.0020	.0020
			2.00	0.10	0.10	6.4	N123T3-0200-0001-CM	1125	1125	1125	1125	1125	7°	100.00	-0.030	0.030	-0.050	0.050
			.079	.004	.004	.252								3.937	-.0012	.0012	-.0020	.0020
		U	1.00	0.10	0.10	4.3	N123U3-0100-0001-CM	1125	1125	1125	1125	1125	7°	50.00	-0.030	0.030	-0.050	0.050
			.039	.004	.004	.169								1.969	-.0012	.0012	-.0020	.0020
			1.50	0.10	0.10	6.4	N123U3-0150-0001-CM	1125	1125	1125	1125	1125	7°	100.00	-0.030	0.030	-0.050	0.050
			.059	.004	.004	.252								3.937	-.0012	.0012	-.0020	.0020
	2.00	0.10	0.10	6.4	N123U3-0200-0001-CM	1125	1125	1125	1125	1125	7°	100.00	-0.030	0.030	-0.050	0.050		
	.079	.004	.004	.252								3.937	-.0012	.0012	-.0020	.0020		

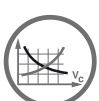
SSC = To correspond with SSC on holder.

N = Neutral

T = Right hand cutting insert, U = Left hand cutting insert.



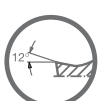
B118



B180



B202



B196



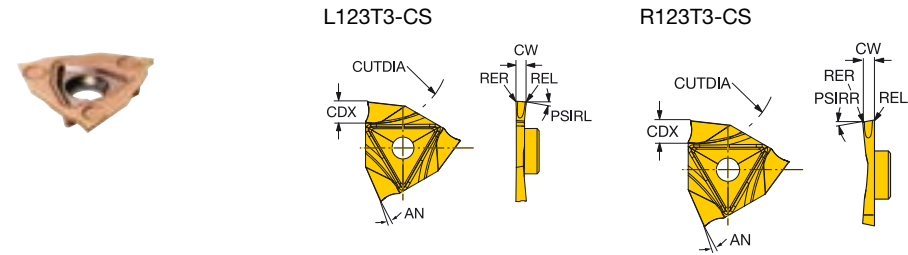
H37



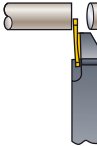
H28

CoroCut® 3 insert for parting
Shallow parting

B



C

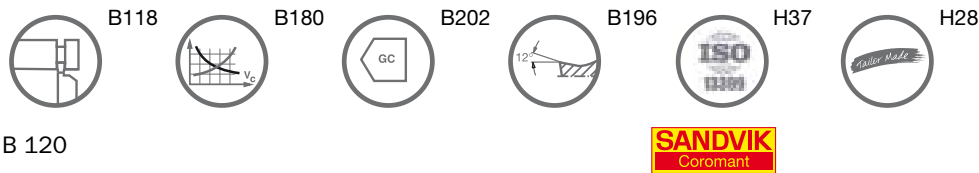
									P M K N S					Dimensions, mm, inch						
									SSC	CW	REL	RER	CDX	PSIRL	PSIRR	Ordering code	1125	1125	1125	1125
Finishing		T	1.00	0.00	0.00	4.2	5.0°	L123T3-0100-0500-CS	*	*	*	*	*	7°	50.00	-0.100	0.000	0.000	0.000	0.050
		.039	.000	.000	.165				*	*	*	*	*		1.969	-.0039	.0000	.0000	.0020	
		1.00	0.00	0.00	4.2	10.0°		L123T3-0100-1000-CS	*	*	*	*	*	7°	50.00	-0.100	0.000	0.000	0.000	0.050
		.039	.000	.000	.165				*	*	*	*	*		1.969	-.0039	.0000	.0000	.0020	
		2.00	0.00	0.00	6.3	10.0°		L123T3-0200-1000-CS	*	*	*	*	*	7°	100.00	-0.100	0.000	0.000	0.000	0.050
		.079	.000	.000	.248				*	*	*	*	*		3.937	-.0039	.0000	.0000	.0020	
		2.00	0.00	0.00	6.3	15.0°		L123T3-0200-1500-CS	*	*	*	*	*	7°	100.00	-0.100	0.000	0.000	0.000	0.050
		.079	.000	.000	.248				*	*	*	*	*		3.937	-.0039	.0000	.0000	.0020	
		1.00	0.00	0.00	4.2		5.0°	R123T3-0100-0500-CS	*	*	*	*	*	7°	50.00	-0.100	0.000	0.000	0.000	0.050
		.039	.000	.000	.165				*	*	*	*	*		1.969	-.0039	.0000	.0000	.0020	
		1.00	0.00	0.00	4.2	10.0°		R123T3-0100-1000-CS	*	*	*	*	*	7°	50.00	-0.100	0.000	0.000	0.000	0.050
		.039	.000	.000	.165				*	*	*	*	*		1.969	-.0039	.0000	.0000	.0020	
		1.00	0.00	0.00	4.2		15.0°	R123T3-0100-1500-CS	*	*	*	*	*	7°	50.00	-0.100	0.000	0.000	0.000	0.050
		.039	.000	.000	.165				*	*	*	*	*		1.969	-.0039	.0000	.0000	.0020	
		1.50	0.00	0.00	6.3	5.0°		R123T3-0150-0500-CS	*	*	*	*	*	7°	100.00	-0.100	0.000	0.000	0.000	0.050
		.059	.000	.000	.248				*	*	*	*	*		3.937	-.0039	.0000	.0000	.0020	
		1.50	0.00	0.00	6.3	10.0°		R123T3-0150-1000-CS	*	*	*	*	*	7°	100.00	-0.100	0.000	0.000	0.000	0.050
		.059	.000	.000	.248				*	*	*	*	*		3.937	-.0039	.0000	.0000	.0020	
		1.50	0.00	0.00	6.3		15.0°	R123T3-0150-1500-CS	*	*	*	*	*	7°	100.00	-0.100	0.000	0.000	0.000	0.050
		.059	.000	.000	.248				*	*	*	*	*		3.937	-.0039	.0000	.0000	.0020	
2.00	0.00	0.00	6.3	5.0°		R123T3-0200-0500-CS	*	*	*	*	*	7°	100.00	-0.100	0.000	0.000	0.000	0.050		
.079	.000	.000	.248				*	*	*	*	*		3.937	-.0039	.0000	.0000	.0020			
2.00	0.00	0.00	6.3	10.0°		R123T3-0200-1000-CS	*	*	*	*	*	7°	100.00	-0.100	0.000	0.000	0.000	0.050		
.079	.000	.000	.248				*	*	*	*	*		3.937	-.0039	.0000	.0000	.0020			
2.00	0.00	0.00	6.3		15.0°	R123T3-0200-1500-CS	*	*	*	*	*	7°	100.00	-0.100	0.000	0.000	0.000	0.050		
.079	.000	.000	.248				*	*	*	*	*		3.937	-.0039	.0000	.0000	.0020			

SSC = To correspond with SSC on holder. R = Right hand, L = Left hand
T = Right hand cutting insert, U = Left hand cutting insert.

F

G

H

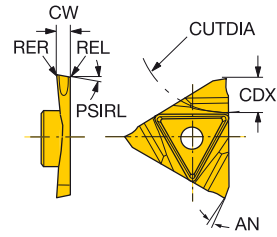


CoroCut® 3 insert for parting

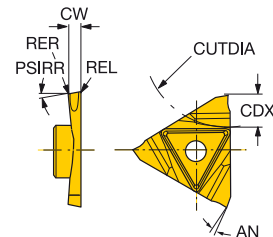
Shallow parting

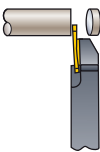


L123U3-CS



R123U3-CS



									P M K N S					Dimensions, mm, inch						
		SSC	CW	REL	RER	CDX	PSIRL	PSIRR	Ordering code	1125	1125	1125	1125	AN	CUTDIA	CWTOLL	CWTOLU	RETOLL	RETOLU	
Finishing 	U	1.00	0.00	0.00	4.2	5.0°		L123U3-0100-0500-CS	★	★	★	★	★	7°	50.00	-0.100	0.000	0.000	0.050	
		.039	.000	.000	.165										1.969	-.0039	.0000	.0000	.0020	
		1.00	0.00	0.00	4.2	10.0°		L123U3-0100-1000-CS	★	★	★	★	★	7°	50.00	-0.100	0.000	0.000	0.050	
		.039	.000	.000	.165										1.969	-.0039	.0000	.0000	.0020	
		1.00	0.00	0.00	4.2	15.0°		L123U3-0100-1500-CS	★	★	★	★	★	7°	50.00	-0.100	0.000	0.000	0.050	
		.039	.000	.000	.165										1.969	-.0039	.0000	.0000	.0020	
		1.50	0.00	0.00	6.3	5.0°		L123U3-0150-0500-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050	
		.059	.000	.000	.248										3.937	-.0039	.0000	.0000	.0020	
		1.50	0.00	0.00	6.3	10.0°		L123U3-0150-1000-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050	
		.059	.000	.000	.248										3.937	-.0039	.0000	.0000	.0020	
		1.50	0.00	0.00	6.3	15.0°		L123U3-0150-1500-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050	
		.059	.000	.000	.248										3.937	-.0039	.0000	.0000	.0020	
		2.00	0.00	0.00	6.3	5.0°		L123U3-0200-0500-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050	
		.079	.000	.000	.248										3.937	-.0039	.0000	.0000	.0020	
		2.00	0.00	0.00	6.3	10.0°		L123U3-0200-1000-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050	
		.079	.000	.000	.248										3.937	-.0039	.0000	.0000	.0020	
		2.00	0.00	0.00	6.3	15.0°		L123U3-0200-1500-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050	
		.079	.000	.000	.248										3.937	-.0039	.0000	.0000	.0020	
		1.00	0.00	0.00	4.2		5.0°		R123U3-0100-0500-CS	★	★	★	★	★	7°	50.00	-0.100	0.000	0.000	0.050
		.039	.000	.000	.165											1.969	-.0039	.0000	.0000	.0020
		1.00	0.00	0.00	4.2		10.0°		R123U3-0100-1000-CS	★	★	★	★	★	7°	50.00	-0.100	0.000	0.000	0.050
		.039	.000	.000	.165											1.969	-.0039	.0000	.0000	.0020
		1.50	0.00	0.00	6.3		5.0°		R123U3-0150-0500-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
		.059	.000	.000	.248											3.937	-.0039	.0000	.0000	.0020
		1.50	0.00	0.00	6.3		10.0°		R123U3-0150-1000-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
		.059	.000	.000	.248											3.937	-.0039	.0000	.0000	.0020
		1.50	0.00	0.00	6.3		15.0°		R123U3-0150-1500-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
		.059	.000	.000	.248											3.937	-.0039	.0000	.0000	.0020
		2.00	0.00	0.00	6.3		5.0°		R123U3-0200-0500-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
		.079	.000	.000	.248											3.937	-.0039	.0000	.0000	.0020
		2.00	0.00	0.00	6.3		10.0°		R123U3-0200-1000-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
		.079	.000	.000	.248											3.937	-.0039	.0000	.0000	.0020
		2.00	0.00	0.00	6.3		15.0°		R123U3-0200-1500-CS	★	★	★	★	★	7°	100.00	-0.100	0.000	0.000	0.050
		.079	.000	.000	.248											3.937	-.0039	.0000	.0000	.0020

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

T = Right hand cutting insert, U = Left hand cutting insert.



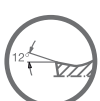
B118



B180



B202



B196



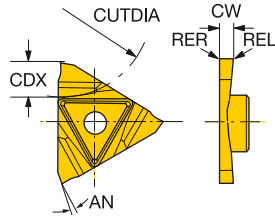
H37



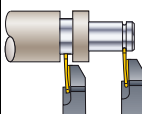
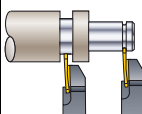
H28

CoroCut® 3 insert for grooving

Grooving



C

								P	M	K	N	S	Dimensions, mm, inch					
		SSC	CW	REL	RER	CDX	Ordering code	1125	1125	1125	1125	AN	CUTDIA	CWTOLL	CWTOLU	RETOLL	RETOLU	
Finishing		T	0.50	0.00	0.00	1.5	N123T3-0050-0000-GS	*	*	*	*	*	7°	100.00	-0.020	0.020	0.000	0.050
		.020	.000	.000	.059								3.937	-.0008	.0008	.0000	.0020	
		0.60	0.00	0.00	1.6	N123T3-0060-0000-GS	*	*	*	*	*	7°	100.00	-0.020	0.020	0.000	0.050	
		.024	.000	.000	.063								3.937	-.0008	.0008	.0000	.0020	
		0.70	0.00	0.00	1.7	N123T3-0070-0000-GS	*	*	*	*	*	7°	100.00	-0.020	0.020	0.000	0.050	
		.028	.000	.000	.067								3.937	-.0008	.0008	.0000	.0020	
		0.80	0.00	0.00	1.8	N123T3-0080-0000-GS	*	*	*	*	*	7°	100.00	-0.020	0.020	0.000	0.050	
		.031	.000	.000	.071								3.937	-.0008	.0008	.0000	.0020	
		0.90	0.00	0.00	2.0	N123T3-0090-0000-GS	*	*	*	*	*	7°	100.00	-0.020	0.020	0.000	0.050	
		.035	.000	.000	.079								3.937	-.0008	.0008	.0000	.0020	
		1.00	0.00	0.00	2.2	N123T3-0100-0000-GS	*	*	*	*	*	7°	100.00	-0.020	0.020	0.000	0.050	
		.039	.000	.000	.087								3.937	-.0008	.0008	.0000	.0020	
		1.20	0.00	0.00	2.3	N123T3-0120-0000-GS	*	*	*	*	*	7°	100.00	-0.020	0.020	0.000	0.050	
		.047	.000	.000	.091								3.937	-.0008	.0008	.0000	.0020	
		1.40	0.00	0.00	2.7	N123T3-0140-0000-GS	*	*	*	*	*	7°	100.00	-0.020	0.020	0.000	0.050	
		.055	.000	.000	.106								3.937	-.0008	.0008	.0000	.0020	
		1.50	0.00	0.00	3.0	N123T3-0150-0000-GS	*	*	*	*	*	7°	100.00	-0.020	0.020	0.000	0.050	
		.059	.000	.000	.118								3.937	-.0008	.0008	.0000	.0020	
		1.60	0.00	0.00	3.2	N123T3-0160-0000-GS	*	*	*	*	*	7°	100.00	-0.020	0.020	0.000	0.050	
		.063	.000	.000	.126								3.937	-.0008	.0008	.0000	.0020	
		1.70	0.00	0.00	3.3	N123T3-0170-0000-GS	*	*	*	*	*	7°	100.00	-0.020	0.020	0.000	0.050	
		.067	.000	.000	.130								3.937	-.0008	.0008	.0000	.0020	
		1.95	0.00	0.00	3.9	N123T3-0195-0000-GS	*	*	*	*	*	7°	100.00	-0.020	0.020	0.000	0.050	
		.077	.000	.000	.154								3.937	-.0008	.0008	.0000	.0020	
		2.00	0.00	0.00	4.0	N123T3-0200-0000-GS	*	*	*	*	*	7°	100.00	-0.020	0.020	0.000	0.050	
		.079	.000	.000	.157								3.937	-.0008	.0008	.0000	.0020	
		2.25	0.00	0.00	4.5	N123T3-0225-0000-GS	*	*	*	*	*	7°	100.00	-0.020	0.020	0.000	0.050	
		.089	.000	.000	.177								3.937	-.0008	.0008	.0000	.0020	
		2.50	0.00	0.00	5.0	N123T3-0250-0000-GS	*	*	*	*	*	7°	100.00	-0.020	0.020	0.000	0.050	
		.098	.000	.000	.197								3.937	-.0008	.0008	.0000	.0020	
		2.75	0.00	0.00	5.5	N123T3-0275-0000-GS	*	*	*	*	*	7°	100.00	-0.020	0.020	0.000	0.050	
		.108	.000	.000	.217								3.937	-.0008	.0008	.0000	.0020	
		3.00	0.00	0.00	6.0	N123T3-0300-0000-GS	*	*	*	*	*	7°	100.00	-0.020	0.020	0.000	0.050	
		.118	.000	.000	.236								3.937	-.0008	.0008	.0000	.0020	
		3.18	0.00	0.00	6.0	N123T3-0318-0000-GS	*	*	*	*	*	7°	100.00	-0.020	0.020	0.000	0.050	
		.125	.000	.000	.236								3.937	-.0008	.0008	.0000	.0020	

SSC = To correspond with SSC on holder.

T = Right hand cutting insert, U = Left hand cutting insert.

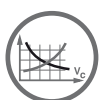
N = Neutral

G

H



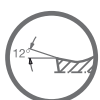
B118



B180



B202



B196



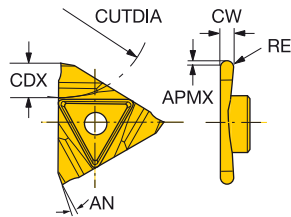
H37



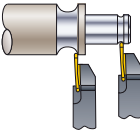
H28

CoroCut® 3 insert for profiling

Grooving/Profiling



C

												Dimensions, mm, inch																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
							P	M	K	N	S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
							1125	1125	1125	1125	1125	AN	CUTDIA	CWTOLL	CWTOLU	RETOLL	RETOLU																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Finishing		SSC	CW	RE	CDX	APMX	Ordering code																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

SSC = To correspond with SSC on holder.

T = Right hand cutting insert, U = Left hand cutting insert.

N = Neutral

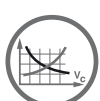
F

G

H



B118



B180



B202



B196



H37

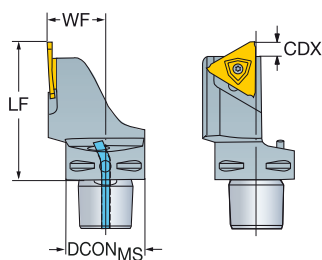


H28

CoroCut® 3 cutting unit for parting and grooving

Screw clamp design

Coromant Capto® - Internal coolant supply



					Dimensions, mm, inch							MIID
	SSC	CZC _{MS}	CDX	CNSC	Ordering code	DCON _{MS}	LF	WF	BAR PSI	NM	KG	
	T	C3	6.4	3	C3-RF123T06-22045BM	32	45.0	22.0	10	3.0	0.23	N123T3-0150- CM
			.250			1.260	1.772	.866	145			
		C4	6.4	3	C4-RF123T06-27060BM	40	60.0	27.0	10	3.0	0.45	N123T3-0150- CM
			.250			1.575	2.362	1.063	145			
	U	C3	6.4	3	C3-LF123U06-22045BM	32	45.0	22.0	10	3.0	0.23	N123U3-0150- CM
			.250			1.260	1.772	.866	145			
		C4	6.4	3	C4-LF123U06-27060BM	40	60.0	27.0	10	3.0	0.45	N123U3-0150- CM
			.250			1.575	2.362	1.063	145			

SSC = To correspond with SSC on insert.

T = Right hand cutting insert, U = Left hand cutting insert.

R = Right hand, L = Left hand

Spare parts

Screw	Nozzle
5513 020-62	5691 034-01

For the complete list of spare parts, visit www.sandvik.coromant.com



B118



F2



E1



G1



H37



H28



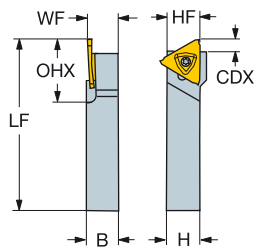
H18



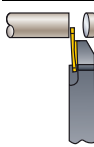
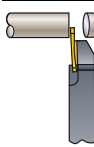
H5

CoroCut® 3 shank tool for parting and grooving

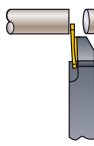
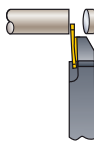
Screw clamp design



Metric version

					Dimensions								MIID
	SSC	CZC _{MS}	CDX	OHX	Ordering code	B	H	LF	WF	HF	NM	KG	
	T	20 x 20	6.4	23.0	RF123T06-2020BM	20.0	20.0	125.0	20.0	20.0	3.0	0.39	N123T3-0150- CM
		25 x 25	6.4	23.0	RF123T06-2525BM	25.0	25.0	150.0	25.0	25.0	3.0	0.71	N123T3-0150- CM
		32 x 32	6.4	23.0	RF123T06-3232BM	32.0	32.0	170.0	32.0	32.0	3.0	1.31	N123T3-0150- CM
	U	20 x 20	6.4	23.0	LF123U06-2020BM	20.0	20.0	125.0	20.0	20.0	3.0	0.39	N123U3-0150- CM
		25 x 25	6.4	23.0	LF123U06-2525BM	25.0	25.0	150.0	25.0	25.0	3.0	0.71	N123U3-0150- CM
		32 x 32	6.4	23.0	LF123U06-3232BM	32.0	32.0	170.0	32.0	32.0	3.0	1.31	N123U3-0150- CM

Inch version

					Dimensions, inch								MIID
	SSC	CZC _{MS}	CDX	OHX	Ordering code	B	H	LF	WF	HF	FT/LBS	LBS	
	T	3/4 x 3/4	.252	.906	RF123T023-12BM	.750	.750	4.500	.750	.750	2.2	.701	N123T3-0150- CM
		1 x 1	.252	.906	RF123T023-16BM	1.000	1.000	5.000	1.000	1.000	2.2	1.356	N123T3-0150- CM
		1 1/4 x 1 1/4	.252	.906	RF123T023-20BM	1.250	1.250	6.000	1.250	1.250	2.2	2.544	N123T3-0150- CM
	U	5/8 x 5/8	.252	.906	LF123U023-10BM	.625	.625	4.500	.625	.625	2.2	.503	N123U3-0150- CM
		3/4 x 3/4	.252	.906	LF123U023-12BM	.750	.750	4.500	.750	.750	2.2	.721	N123U3-0150- CM
		1 x 1	.252	.906	LF123U023-16BM	1.000	1.000	5.000	1.000	1.000	2.2	1.382	N123U3-0150- CM
		1 1/4 x 1 1/4	.252	.906	LF123U023-20BM	1.250	1.250	6.000	1.250	1.250	2.2	2.549	N123U3-0150- CM

SSC = To correspond with SSC on insert. R = Right hand, L = Left hand
T = Right hand cutting insert, U = Left hand cutting insert.

Spare parts
Screw
5513 020-62

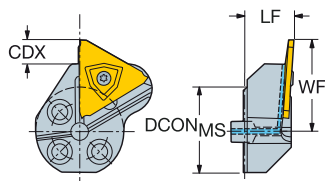
For the complete list of spare parts, visit www.sandvik.coromant.com



CoroCut® 3 head for grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply



B

C

					Dimensions, mm, inch							MIID
	SSC	CZC _{MS}	CDX	CNSC	Ordering code	DCON _{MS}	LF	WF	BAR PSI	NM	KG	
	T	25	6.4	1	570-25L123T06B	25	14.0	26.0	10	3.0	0.08	N123T3-0150- CM
			.250			.984	.551	1.024	145			
		32	6.4	1	570-32L123T06B	32	14.0	28.5	10	3.0	0.11	N123T3-0150- CM
			.250			1.260	.551	1.122	145			
		40	6.4	1	570-40L123T06B	40	14.0	32.5	10	3.0	0.15	N123T3-0150- CM
			.250			1.575	.551	1.280	145			
	U	25	6.4	1	570-25R123U06B	25	14.0	26.0	10	3.0	0.08	N123U3-0150- CM
			.250			.984	.551	1.024	145			
		32	6.4	1	570-32R123U06B	32	14.0	28.5	10	3.0	0.11	N123U3-0150- CM
			.250			1.260	.551	1.122	145			
		40	6.4	1	570-40R123U06B	40	14.0	32.5	10	3.0	0.15	N123U3-0150- CM
			.250			1.575	.551	1.280	145			

D

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

T = Right hand cutting insert, U = Left hand cutting insert.

E

Spare parts

Clamping screw	Coolant tube
5513 020-62	5691 041-01

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H



B118



F2



H37



H28



H5



H2

CoroCut® XS

For external machining of small and slender components

B

Application

- Parting off
- External threading
- External grooving
- Turning

C

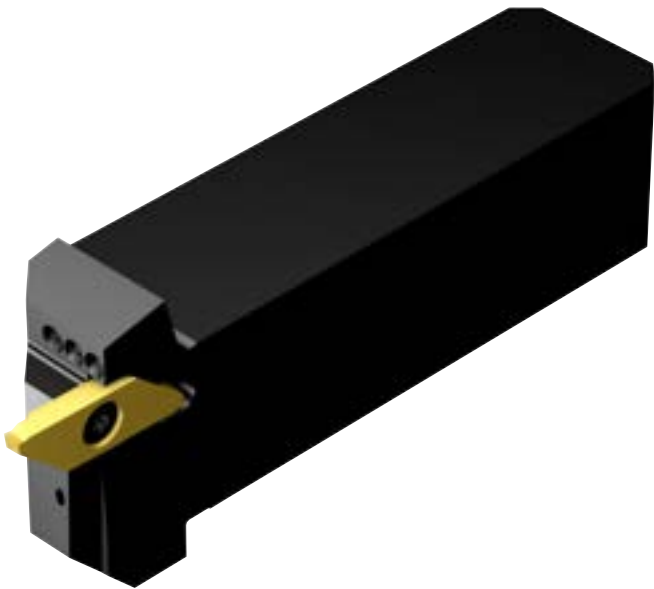
ISO application area:



D

Benefits and features

- High precision
- Close tolerances
- Good accessibility when changing inserts
- Wide variety of insert widths
- Sharp cutting edges
- All inserts fit into the same tool holder
- High-quality ground inserts and holders
- Full profile inserts for high-quality threads in one operation
- Designed to keep the tool holder intact in case of insert breakage.
- Available with precision coolant



E

www.sandvik.coromant.com/corocutxs

F

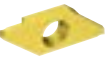
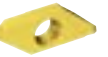
Holders

Dedicated holders for parting off close to sub spindle are available in high-precision square shank style.



G

Inserts

Turning	Back turning	Parting off	Grooving	Profiling	Threading
					
A347	A347	B129	B131	B131	C76

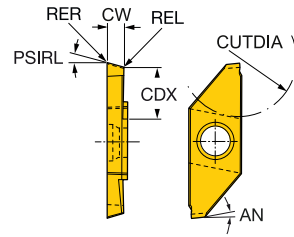
Tools

QS™ shank tools	CoroTurn® SL cutting head
	
B132	B133

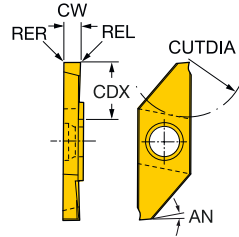
CoroCut® XS insert for parting



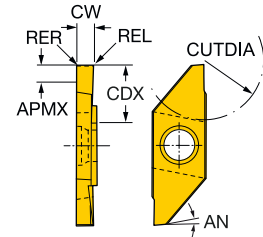
MACR/L-L

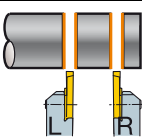
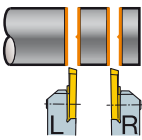
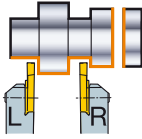
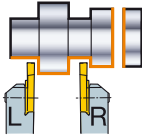


MACR/L-N



MACR/L-T



		SSC CW REL RER CDX PSIRL Ordering code						P M K N S								Dimensions, mm, inch							
								P		M		K		N		S							
								1025	1105	1025	1105	1025	1105	1025	1105	1025	1105	AN	CUTDIA	CWTOLL	CWTOLU	RETOLL	RETOLU
Finishing		3	0.70	0.05	0.05	4.3		MACR/L 3 070-N	☆	★	☆	★	☆	★	☆	★	6°	8.00	-0.020	0.020	-0.030	0.030	
			.028	.002	.002	.169			☆	★	☆	★	☆	★	☆	★		.315	-.0008	.0008	-.0012	.0012	
			1.00	0.05	0.05	6.3		MACR/L 3 100-N	☆	★	☆	★	☆	★	☆	★	6°	12.00	-0.020	0.020	-0.030	0.030	
			.039	.002	.002	.248			☆	★	☆	★	☆	★	☆	★		.472	-.0008	.0008	-.0012	.0012	
			1.50	0.05	0.05	6.3		MACR/L 3 150-N	☆	★	☆	★	☆	★	☆	★	6°	12.00	-0.020	0.020	-0.030	0.030	
			.059	.002	.002	.248			☆	★	☆	★	☆	★	☆	★		.472	-.0008	.0008	-.0012	.0012	
			2.00	0.05	0.05	8.5		MACR/L 3 200-N	☆	★	☆	★	☆	★	☆	★	6°	16.00	-0.020	0.020	-0.030	0.030	
			.079	.002	.002	.335			☆	★	☆	★	☆	★	☆	★		.630	-.0008	.0008	-.0012	.0012	
		3	0.70	0.05	0.05	4.3	15.0°	MACR/L 3 070-L	☆	★	☆	★	☆	★	☆	★	6°	8.00	-0.020	0.020	-0.030	0.030	
			.028	.002	.002	.169			☆	★	☆	★	☆	★	☆	★		.315	-.0008	.0008	-.0012	.0012	
			1.00	0.05	0.05	6.3	15.0°	MACR/L 3 100-L	☆	★	☆	★	☆	★	☆	★	6°	12.00	-0.020	0.020	-0.030	0.030	
			.039	.002	.002	.248			☆	★	☆	★	☆	★	☆	★		.472	-.0008	.0008	-.0012	.0012	
			1.50	0.05	0.05	6.3	15.0°	MACR/L 3 150-L	☆	★	☆	★	☆	★	☆	★	6°	12.00	-0.020	0.020	-0.030	0.030	
			.059	.002	.002	.248			☆	★	☆	★	☆	★	☆	★		.472	-.0008	.0008	-.0012	.0012	
			2.00	0.05	0.05	8.5	15.0°	MACR/L 3 200-L	☆	★	☆	★	☆	★	☆	★	6°	16.00	-0.020	0.020	-0.030	0.030	
			.079	.002	.002	.335			☆	★	☆	★	☆	★	☆	★		.630	-.0008	.0008	-.0012	.0012	
		3	1.00	0.05	0.05	6.3		MACR/L 3 100-T	☆	★	☆	★	☆	★	☆	★	6°	12.00	-0.020	0.020	-0.030	0.030	
			.039	.002	.002	.248			☆	★	☆	★	☆	★	☆	★		.472	-.0008	.0008	-.0012	.0012	
		1.50	0.05	0.05	6.3		MACR/L 3 150-T	☆	★	☆	★	☆	★	☆	★	6°	12.00	-0.020	0.020	-0.030	0.030		
		.059	.002	.002	.248			☆	★	☆	★	☆	★	☆	★		.472	-.0008	.0008	-.0012	.0012		
		2.00	0.05	0.05	8.2		MACR/L 3 200-T	☆	★	☆	★	☆	★	☆	★	6°	16.00	-0.020	0.020	-0.030	0.030		
		.079	.002	.002	.323			☆	★	☆	★	☆	★	☆	★		.630	-.0008	.0008	-.0012	.0012		
		2.50	0.05	0.05	8.2		MACR/L 3 250-T	☆	★	☆	★	☆	★	☆	★	6°	16.00	-0.020	0.020	-0.030	0.030		
		.098	.002	.002	.323			☆	★	☆	★	☆	★	☆	★		.630	-.0008	.0008	-.0012	.0012		

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand



B132



B190



B202

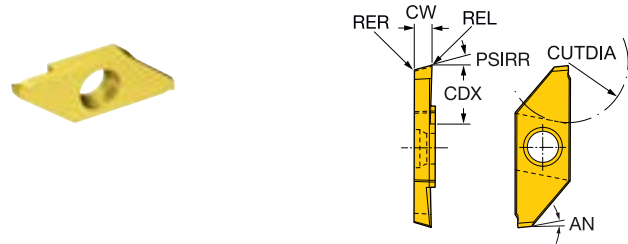


H37



H24

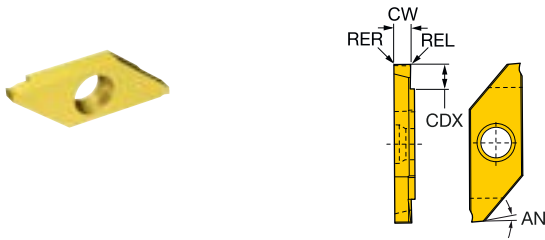
CoroCut® XS insert for parting



		SSC CW REL RER CDX PSIRR						Ordering code	P M K N S						Dimensions, mm, inch												
									P		M		K								N		S				
									1025	1025	HT3A	1025	HT3A	1025	HT3A	1025	HT3A	1025	HT3A	AN	CUTDIA	CWTOLL	CWTOLU	RETOLL	RETOLU		
Finishing		3	0.70	0.05	0.05	4.3	15.0°	MACR/L 3 070-R	★	★		★		★		★		★		6°	8.00	-0.020	0.020	-0.030	0.030		
			.028	.002	.002	.169															.315	-.0008	.0008	-.0012	.0012		
			1.00	0.05	0.05	6.3	15.0°	MACR/L 3 100-R	★	★	★	★	★	★	★	★	★	★	★	6°	12.00	-0.020	0.020	-0.030	0.030		
			.039	.002	.002	.248																.472	-.0008	.0008	-.0012	.0012	
			1.50	0.05	0.05	6.3	15.0°	MACR/L 3 150-R	★	★	★	★	★	★	★	★	★	★	★	6°	12.00	-0.020	0.020	-0.030	0.030		
			.059	.002	.002	.248																.472	-.0008	.0008	-.0012	.0012	
			2.00	0.05	0.05	8.5	15.0°	MACR/L 3 200-R	★	★	★	★	★	★	★	★	★	★	★	6°	16.00	-0.020	0.020	-0.030	0.030		
			.079	.002	.002	.335																	.630	-.0008	.0008	-.0012	.0012
		3	1.50	0.05	0.05	6.3	20.0°	MACR/L 3 150-R20	★	★		★		★		★		★		6°	12.00	-0.020	0.020	-0.030	0.030		
			.059	.002	.002	.248																	.472	-.0008	.0008	-.0012	.0012
		2.00	0.05	0.05	8.5	20.0°	MACR/L 3 200-R20	★	★		★		★		★		★		6°	16.00	-0.020	0.020	-0.030	0.030			
		.079	.002	.002	.335																	.630	-.0008	.0008	-.0012	.0012	

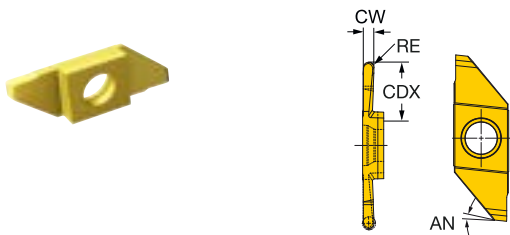
SSC = To correspond with SSC on holder. R = Right hand, L = Left hand

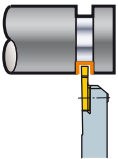
CoroCut® XS insert for grooving



								P	M	K	N	S	Dimensions, mm, inch								
Finishing		SSC	CW	REL	RER	CDX	Ordering code	102S	102S	H13A	102S	102S	H13A	102S	H13A	AN	CWTOLL	CWTOLU	RETOLL	RETOLU	
		3	0.50	0.05	0.05	1.3	MAGR/L 3 050	★	★	☆	☆	★	☆	★	☆	★	6°	-0.025	0.025	-0.020	0.020
			.020	.002	.002	.051															
			0.75	0.05	0.05	2.5	MAGR/L 3 075	★	★	☆	☆	★	☆	★	☆	★	6°	-0.025	0.025	-0.020	0.020
			.030	.002	.002	.098															
			1.00	0.05	0.05	2.7	MAGR/L 3 100	★	★	☆	☆	★	☆	★	☆	★	6°	-0.025	0.025	-0.020	0.020
			.039	.002	.002	.106															
			1.25	0.05	0.05	2.7	MAGR/L 3 125	★	★	☆	☆	★	☆	★	☆	★	6°	-0.025	0.025	-0.020	0.020
			.049	.002	.002	.106															
			1.50	0.05	0.05	3.7	MAGR/L 3 150	★	★	☆	☆	★	☆	★	☆	★	6°	-0.025	0.025	-0.020	0.020
			.059	.002	.002	.146															
			1.75	0.05	0.05	3.7	MAGR/L 3 175	★	★	☆	☆	★	☆	★	☆	★	6°	-0.025	0.025	-0.020	0.020
			.069	.002	.002	.146															
			2.00	0.05	0.05	3.7	MAGR/L 3 200	★	★	☆	☆	★	☆	★	☆	★	6°	-0.025	0.025	-0.020	0.020
			.079	.002	.002	.146															
			2.50	0.05	0.05	3.7	MAGR/L 3 250	★	★			★		★		★	6°	-0.025	0.025	-0.020	0.020
	.098	.002	.002	.146																	

CoroCut® XS insert for profiling



												Dimensions, mm, inch						
							P	M	K	N	S							
							1025	1025	1025	1025	1025	AN	CWTOLL	CWTOLU	RETOLL	RETOLU		
Finishing		SSC	CW	RE	CDX	APMX	Ordering code											
		3	0.80	0.40	3.8	3.8	MAPL 3 080	★	★	★	★	★	6°	-0.025	0.025	-0.025	0.025	
			.031	.016	.148	.148												
		1.25	0.63	5.0	4.0	MAPL 3 125	★	★	★	★	★	6°	-0.025	0.025	-0.025	0.025		
			.049	.025	.197	.157												
		1.60	0.80	7.5	4.0	MAPL 3 160	★	★	★	★	★	6°	-0.025	0.025	-0.025	0.025		
			.063	.031	.295	.157												
		2.50	1.25	7.5	4.0	MAPL 3 250	★	★	★	★	★	6°	-0.025	0.025	-0.025	0.025		
			.098	.049	.295	.157												

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand



B132



B190



B202



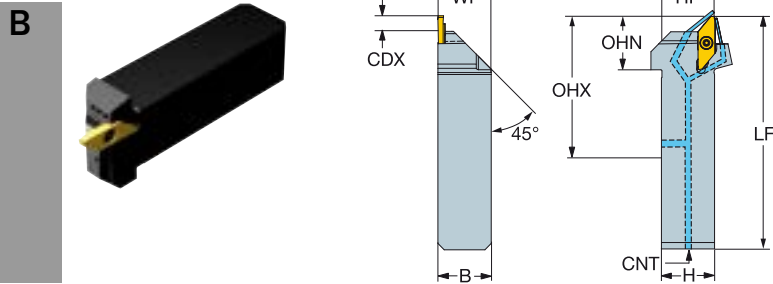
H37



H24

CoroCut® XS QS shank tool for parting and grooving

Screw clamp design
Precision coolant supply



C

Metric version

						Dimensions									
SSC	CZC _{MS}	CDX	OHX	OHN	CNSC	Ordering code	B	H	LF	WF	HF	BAR	KG	MIID	
3	20 x 20	7.3	45.0	25.0	3	QS-SMALR/L2020X3HP	20.0	20.0	94.1	20.0	20.0	150	0.24	MACL 3 200-N	
	25 x 25	7.3	50.0	25.0	3	QS-SMALR/L2525X3HP	25.0	25.0	109.1	25.0	25.0	150	0.44	MACL 3 200-N	

D

Inch version

						Dimensions, inch									
SSC	CZC _{MS}	CDX	OHX	OHN	CNSC	Ordering code	B	H	LF	WF	HF	PSI	LBS	MIID	
3	3/4 x 3/4	.286	1.734	.984	3	QS-SMALR/L123XHP	.750	.750	3.705	.750	.750	2175	.484	MACL 3 200-N	
	1 x 1	.286	1.984	.984	3	QS-SMALR/L163XHP	1.000	1.000	4.295	1.000	1.000	2175	1.012	MACL 3 200-N	

SSC = To correspond with SSC on insert. R = Right hand, L = Left hand

E

Spare parts			
Insert screw	Nozzle	Plug	Plug
5513 027-01	5691 026-13	3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H

B129

F2

E1

G1

H37

H24

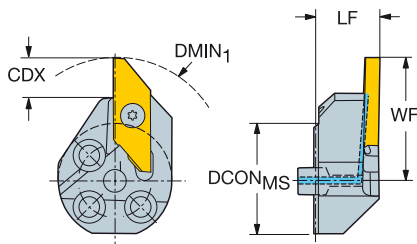
H5

B 132

CoroCut® XS head for grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply



							Dimensions, mm, inch						
	SSC	CZC _{MS}	CDX	DMIN ₁	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID
	3	25	8.2	42.0	1	570-25R/LSMAL3	25	14.0	26.8	10	1.2	0.08	MACR 3 200-N
			.323	1.654			.984	.551	1.055	145			
		32	8.2	50.0	1	570-32R/LSMAL3	32	14.0	30.5	10	1.2	0.12	MACR 3 200-N
			.323	1.969			1.260	.551	1.201	145			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Note: Left hand inserts used in right hand holders, right hand inserts used in left hand holders.

Spare parts

Screw	Coolant tube
5513 027-01	5691 041-01

For the complete list of spare parts, visit www.sandvik.coromant.com

B129



F2



H37



H5



H2

B

T-Max Q-Cut®

Internal grooving, face grooving, and undercutting

C

Application

- Internal grooving
- Face grooving
- Undercutting



ISO application area:



D

Benefits and features

- Excellent surface finish thanks to wiper technology
- Proven, versatile system
- V-clamped 1-edged insert for good stability
- Tailor Made

E

www.sandvik.coromant.com/tmaxqcut

F

Inserts

	Grooving		Profiling	Undercutting
				
	151.3-4G	151.3-7G	151.3-7P	N151.2-4U
Insert width, mm	1.85-8.00	3.00-6.00	3.00-6.00	2.00-3.00
Insert width, inch	.073-.315	.118-.336	.118-.336	.079-.118
Page	B136	B135	B137	B137

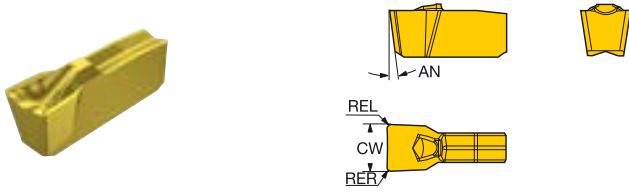
F

Tools

	Undercutting	External face grooving	Internal grooving	Internal face grooving
Shank tools	B138	B139-B140		
CoroTurn® SL cutting heads		B141-B142	B143-B144	
Boring bars			B145-B147	B148



T-Max® Q-Cut insert for grooving



B

Face grooving, internal grooving and turning

							P		M		K		N	S		H	Dimensions, mm, inch									
		SSC	CW	REL	RER		Ordering code	1125	1145	2135	3020	1125	1145	2135	2135	3020	1125	1145	2135	2135	AN	CWTOLL	CWTOLU	RETOLL	RETOLU	
Medium		25	3.00	0.30	0.30	N151.3-300-25-7G	☆	☆	★	☆	☆	☆	★	☆	☆	☆	★	☆	☆	★	8°	0.000	0.100	-0.100	0.100	
			.118	.012	.012																.0000	.0039	-.0039	.0039		
		30	4.00	0.40	0.40	N151.3-400-30-7G	☆	☆	★	☆	☆	☆	★	☆	☆	☆	★	☆	☆	★	8°	0.000	0.100	-0.100	0.100	
			.157	.016	.016																	.0000	.0039	-.0039	.0039	
		40	5.00	0.40	0.40	N151.3-500-40-7G	☆		★	☆	☆		★	☆	☆	☆	★	★		☆	★	8°	0.000	0.100	-0.100	0.100
			.197	.016	.016																	.0000	.0039	-.0039	.0039	
		50	6.00	0.40	0.40	N151.3-600-50-7G	☆		★	☆		★	☆	★		★	★		☆	★	8°	0.000	0.100	-0.100	0.100	
			.236	.016	.016																	.0000	.0039	-.0039	.0039	

SSC = To correspond with SSC on holder.

N = Neutral

C

D

E

F

G

H



B138



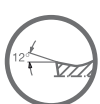
B145



B180



B202



B200



H37



H28



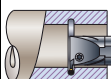
H4

T-Max® Q-Cut insert for grooving

Internal grooving

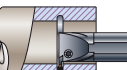


C

							Dimensions, mm, inch																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
							P			M			K		N		S			H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
							1125	1145	2135	1125	1145	2135	H13A	1125	2135	H13A	1125	1145	2135	H13A	2135																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	SSC	CW	REL	RER	Ordering code																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

F

For circlip grooves

							P	M		K	N		S		Dimensions, mm, inch					
Finishing		SSC	CW	REL	RER	Ordering code	1125	1125	H13A	1125	1125	H13A	1125	1125	H13A	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
		20	1.85	0.10	0.10	N151.3-185-20-4G	★	★		★	★		★	★		11°	0.090	0.130	-0.050	0.050
			.073	.004	.004												.0035	.0051	-.0020	.0020
		2.15	0.15	0.15	N151.3-215-20-4G	★	★		★	★		★	★		11°	0.090	0.130	-0.050	0.050	
			.085	.006	.006												.0035	.0051	-.0020	.0020
		25	2.65	0.15	0.15	N151.3-265-25-4G	★	★	☆	★	☆	★	★	★	☆	11°	0.090	0.130	-0.050	0.050
		.104	.006	.006												.0035	.0051	-.0020	.0020	

SSC = To correspond with SSC on holder.

N = Neutral

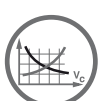
H



B138



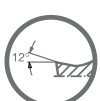
B145



B180



B202



B200

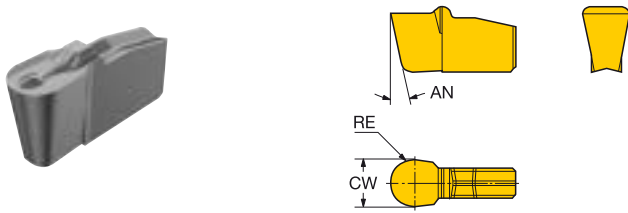


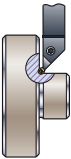
H37



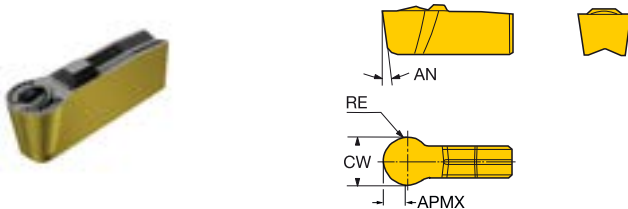
H28

T-Max® Q-Cut insert for undercutting



							Dimensions, mm, inch										
							P	M	K	N	S						
Medium		SSC	CW	RE	REL	RER	Ordering code	925	H13A	H13A	H13A	H13A	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
		20	2.00	1.00	1.00	1.00	N151.2-200-20-4U	★	★	★	★	★	7°	-0.020	0.020	-0.020	0.020
			.079	.039	.039	.039								-.0008	.0008	-.0008	.0008
		25	3.00	1.50	1.50	1.50	N151.2-300-25-4U		★	★	★	★	7°	-0.020	0.020	-0.020	0.020
			.118	.059	.059	.059								-.0008	.0008	-.0008	.0008

T-Max® Q-Cut insert for profiling



Internal profiling and face grooving

							P		M		K		N		S		H	Dimensions, mm, inch																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

SSC = To correspond with SSC on holder.

N = Neutral



B138



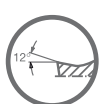
B145



B180



B202



B200



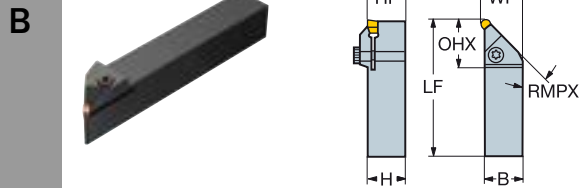
H37



H28

T-Max® Q-Cut shank tool for undercutting

Screw clamp design



C

Metric version

							Dimensions									
	SSC	CZC _{MS}	CDX	RMPX	OHX	Ordering code	B	H	LF	WF	HF			MIID		
	20	25 x 25	1.0	45°	24.0	R/LS151.22-2525-20	25.0	25.0	150.0	25.3	25.0	2.5	0.74	N151.2-200-20- 4U		
	25	25 x 25	1.5	45°	27.0	R/LS151.22-2525-25	25.0	25.0	150.0	25.6	25.0	3.0	0.74	N151.2-300-25- 4U		

D

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

	Spare parts
SSC	Clamping screw
20	3212 012-259
25	3212 012-259
30	3212 012-259
40	3212 012-360

E

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H

B135

F2

E1

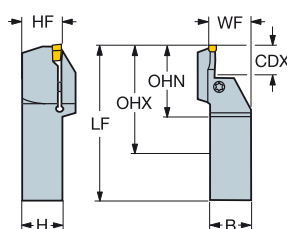
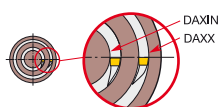
H37

H28

B 138

T-Max® Q-Cut shank tool for face grooving

Screw clamp design



Metric version

								Dimensions							
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX		Ordering code	B	H	LF	WF	HF	NM	
	25	25 x 25	8.7	24.0	35.0	37.7	R/LF151.37-2525-024B25	25.0	25.0	150.0	26.0	25.0	3.2	0.73	N151.3-300-25- 7G
		25 x 25	8.7	29.0	40.0	37.7	R/LF151.37-2525-029B25	25.0	25.0	150.0	26.0	25.0	3.2	0.73	N151.3-300-25- 7G
		25 x 25	8.7	34.0	50.0	37.7	R/LF151.37-2525-034B25	25.0	25.0	150.0	26.0	25.0	3.2	0.72	N151.3-300-25- 7G
		25 x 25	15.0	64.0	100.0	37.7	RF151.37-2525-064B25	25.0	25.0	150.0	26.0	25.0	3.2	0.71	N151.3-300-25- 7G
	30	25 x 25	8.7	27.0	45.0	44.7	LF151.37-2525-027B30	25.0	25.0	150.0	26.0	25.0	3.3	0.70	N151.3-400-30- 7G
		25 x 25	8.7	32.0	50.0	44.7	R/LF151.37-2525-032B30	25.0	25.0	150.0	26.0	25.0	3.3	0.74	N151.3-400-30- 7G
		25 x 25	20.0	42.0	70.0	44.7	RF151.37-2525-042B30	25.0	25.0	150.0	26.0	25.0	3.3	0.70	N151.3-400-30- 7G
	40	25 x 25	10.7	25.0	45.0	45.7	R/LF151.37-2525-025B40	25.0	25.0	150.0	26.0	25.0	3.4	0.73	N151.3-500-40- 7G
		25 x 25	10.7	30.0	55.0	45.7	R/LF151.37-2525-030B40	25.0	25.0	150.0	26.0	25.0	3.4	0.71	N151.3-500-40- 7G
	50	25 x 25	10.7	23.0	45.0	46.7	RF151.37-2525-023B50	25.0	25.0	150.0	26.0	25.0	3.8	0.73	N151.3-600-50- 7G

Inch version

								Dimensions, inch								
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	Ordering code	B	H	LF	WF	HF			MID	
	25	1 x 1	.343	.945	1.378	1.484	R/LF151.37-16-024B25	1.000	1.000	6.000	1.039	1.000	1.8	1.656	N151.3-300-25- 7G	
		1 x 1	.343	1.339	1.969	1.484	RF151.37-16-034B25	1.000	1.000	6.000	1.039	1.000	1.8	3.417	N151.3-300-25- 7G	

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts

Clamping screw
3212 012-360

For the complete list of spare parts, visit www.sandvik.coromant.com



B135



F2



E1



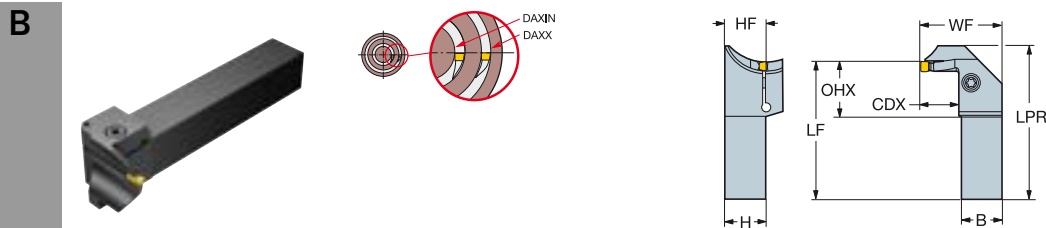
H37



H28

T-Max® Q-Cut shank tool for face grooving

Screw clamp design



C

Metric version

								Dimensions									
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	Ordering code	B	H	LPR	LF	WF	HF			MIID	
	30	25 x 25	8.7	27.0	45.0	26.0	R/LG151.37-2525-027B30	25.0	25.0	159.9	150.0	47.0	25.0	3.0	0.90	N151.3-400-30- 7G	
	50	25 x 25	10.7	23.0	45.0	30.2	R/LG151.37-2525-023B50	25.0	25.0	164.2	150.0	47.0	25.0	3.0	0.90	N151.3-600-50- 7G	

D

Inch version

								Dimensions, inch								
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	Ordering code	B	H	LPR	LF	WF	HF			MIID
	30	1 x 1	.340	1.063	1.772	1.024	RG151.37-16-027B30	1.000	1.000	6.390	6.000	1.850	1.000	1.6	1.940	N151.3-400-30- 7G
	50	1 x 1	.420	.906	1.771	1.189	RG151.37-16-023B50	1.000	1.000	6.520	6.000	1.850	1.000	1.6	2.116	N151.3-600-50- 7G

E

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

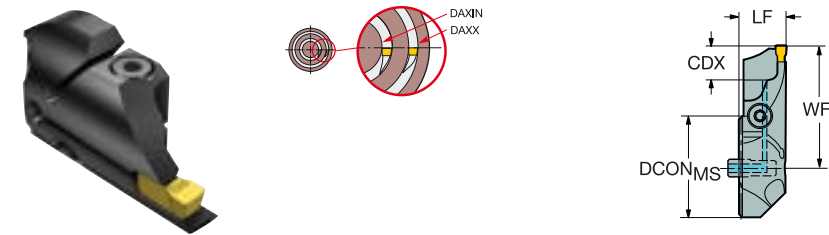
Spare parts
Screw
3212 012-360

For the complete list of spare parts, visit www.sandvik.coromant.com

T-Max® Q-Cut head for face grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply



A curve

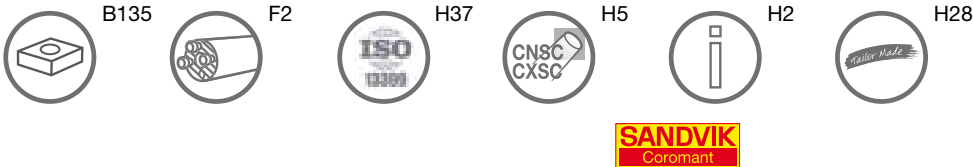
							Dimensions, mm, inch							
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	CNSC	Ordering code	DCON _{MS}	LF	WF	BAR PSI	NM	KG	MIID
	25	32	8.7	24.0	35.0	1	570-32R/L151.3-024A25	32	14.0	37.4	10	2.0	0.09	N151.3-300-25- 7G
			.342	.945	1.378			1.260	.551	1.472	145			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts		
SSC	Screw	Coolant tube
25	3212 012-260	5691 041-01

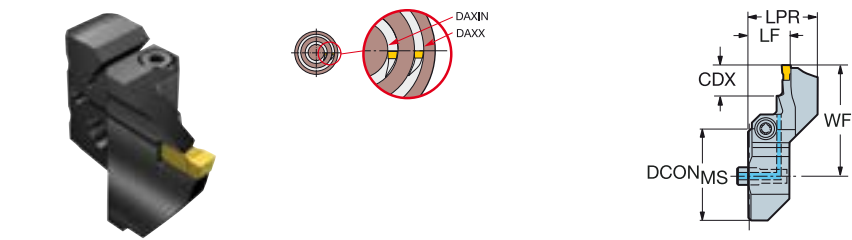
For the complete list of spare parts, visit www.sandvik.coromant.com



T-Max® Q-Cut head for face grooving

Screw clamp design
CoroTurn® SL - Internal coolant supply

B



C

B curve

								Dimensions, mm, inch								
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	CNSC	Ordering code	DCON _{MS}	LPR	LF	WF				MIID	
	25	32	8.7	24.0	35.0	1	570-32R/L151.3-024B25	32	23.1	14.0	37.4	10	2.0	0.13	N151.3-300-25- 7G	
			.342	.945	1.378			1.260	.909	.551	1.472	145				
	50	32	10.7	23.0	45.0	1	570-32R151.3-023B50	32	30.0	18.0	41.1	10	4.0	0.16	N151.3-600-50- 7G	
		.421	.906	1.772				1.260	1.181	.709	1.618	145				

SSC = To correspond with SSC on insert. R = Right hand, L = Left hand

Spare parts		
SSC	Screw	Coolant tube
25	3212 012-260	5691 041-01
50	3212 012-310	5691 041-02

For the complete list of spare parts, visit www.sandvik.coromant.com

E

F

G

H

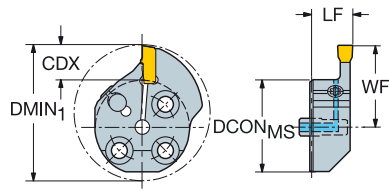


T-Max® Q-Cut head for grooving

Screw clamp design

CoroTurn® SL - Internal coolant supply

B



C

								Dimensions, mm, inch						
	SSC	CZC _{MS}	CDX	DMIN ₁	OHX	CNSC	Ordering code	DCON _{MS}	LF	WF	BAR PSI	NM	KG	MIID
	20	25	8.0	35.6	13.0	1	570-25R/L151.3-08-20	25	14.0	22.1	10	3.0	0.07	N151.3-200-20- 4G
			.315	1.402	.512			.984	.551	.870	145			
	32		8.0	42.6	13.0	1	570-32R/L151.3-08-20	32	14.0	25.6	10	3.0	0.10	N151.3-200-20- 4G
			.315	1.677	.512			1.260	.551	1.008	145			
	25	25	8.0	40.0	12.5	1	570-25R/L151.3-08-25	25	14.0	22.1	10	3.0	0.07	N151.3-300-25- 7G
			.315	1.575	.492			.984	.551	.870	145			
	32		7.0	41.6	12.5	1	570-32R/L151.3-07-25	32	14.0	24.6	10	3.0	0.10	N151.3-300-25- 7G
			.276	1.638	.492			1.260	.551	.969	145			
	30	25	8.0	40.7	12.5	1	570-25R/L151.3-08-30	25	14.0	22.1	10	3.0	0.07	N151.3-400-30- 7G
			.315	1.602	.492			.984	.551	.870	145			
	32		8.0	42.6	12.5	1	570-32R/L151.3-08-30	32	14.0	25.6	10	3.0	0.10	N151.3-400-30- 7G
			.315	1.677	.492			1.260	.551	1.008	145			
	40		6.0	48.6	12.5	1	570-40R/L151.3-06-30	40	14.0	27.6	10	3.0	0.14	N151.3-400-30- 7G
			.236	1.913	.492			1.575	.551	1.087	145			
	40	32	10.0	48.0	11.5	1	570-32R/L151.3-10-40	32	14.0	27.6	10	3.0	0.10	N151.3-500-40- 7G
			.394	1.890	.453			1.260	.551	1.087	145			
40		9.0	51.6	11.5	1	570-40R/L151.3-09-40	40	14.0	30.6	10	3.0	0.15	N151.3-500-40- 7G	
		.354	2.032	.453			1.575	.551	1.205	145				
50	32	10.0	48.8	11.0	1	570-32R/L151.3-10-50	32	14.0	27.6	10	3.0	0.11	N151.3-600-50- 7G	
		.394	1.921	.433			1.260	.551	1.087	145				
40		9.0	51.6	11.0	1	570-40R151.3-09-50	40	14.0	30.6	10	3.0	0.16	N151.3-600-50- 7G	
		.354	2.032	.433			1.575	.551	1.205	145				
60	32	13.0	47.6	10.0	1	570-32R/L151.3-13-60	32	14.0	30.6	10	3.0	0.11	N151.3-800-60- 4G	
		.512	1.874	.394			1.260	.551	1.205	145				
40		12.0	54.6	10.0	1	570-40R/L151.3-12-60	40	14.0	33.6	10	3.0	0.16	N151.3-800-60- 4G	
		.472	2.150	.394			1.575	.551	1.323	145				

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

D

E

Spare parts				
SSC	CZC _{MS}	Clamping screw	Coolant tube	Clamping nut
20	25-32	5513 017-03	5691 041-01	5534 021-01
25	25-32	5513 017-03	5691 041-01	5534 021-01
30	25-40	5513 017-03	5691 041-03	5534 021-01
40	32-40	5513 017-03	5691 041-03	5534 021-01
50	32-40	5513 017-03	5691 041-03	5534 021-01
60	32-40	5513 017-03	5691 041-03	5534 021-01

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H



B135



F2



H37



H28



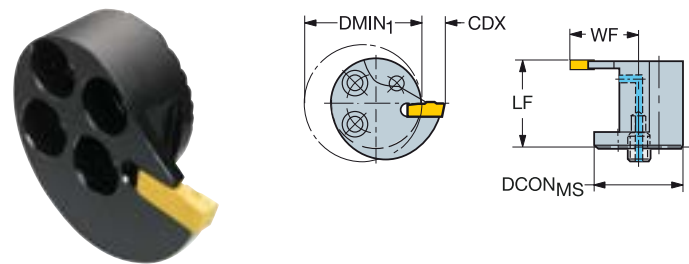
H5



H2

T-Max® Q-Cut head for grooving

Spring-clamp design
CoroTurn® SL - Internal coolant supply



							Dimensions, mm, inch					MIID
	SSC	CZC _{MS}	CDX	DMIN ₁	CNSC	Ordering code	DCON _{MS}	LF	WF	BAR PSI	KG	
	20	16	8.5 .335	25.0 .984	1	R/LAG551.31-160808-20	16 .630	8.0 .315	16.5 .650	10 145	0.03	N151.3-200-20- 4G
	16		3.5 .138	20.0 .787	1	R/LAG551.31-161603-20	16 .630	16.0 .630	11.5 .453	10 145	0.03	N151.3-200-20- 4G
	25	16	5.6 .220	22.0 .866	1	R/LAG551.31-161605-25	16 .630	15.9 .626	13.6 .535	10 145	0.02	N151.3-265-25- 4G
	20		11.6 .457	32.0 1.260	1	R/LAG551.31-201011-25	20 .787	9.9 .390	21.6 .850	10 145	0.04	N151.3-265-25- 4G
	20		4.6 .181	25.0 .984	1	R/LAG551.31-202004-25	20 .787	19.9 .783	14.6 .575	10 145	0.04	N151.3-265-25- 4G
	30	20	4.5 .177	25.0 .984	1	R/LAG551.31-202004-30	20 .787	19.5 .768	14.5 .571	10 145	0.04	N151.3-300-30- 4G
	25		14.5 .571	40.0 1.575	1	R/LAG551.31-251214-30	25 .984	12.0 .472	27.0 1.063	10 145	0.06	N151.3-300-30- 4G
	25		6.5 .256	32.0 1.260	1	R/LAG551.31-252506-30	25 .984	24.5 .965	19.0 .748	10 145	0.08	N151.3-300-30- 4G
	40	25	6.6 .260	32.0 1.260	1	RAG551.31-252506-40	25 .984	24.5 .965	19.2 .754	10 145	0.08	N151.3-400-40- 4G
	32		17.6 .693	50.0 1.969	1	R/LAG551.31-321617-40	32 1.260	15.5 .610	33.7 1.325	10 145	0.01	N151.3-400-40- 4G
	32		7.6 .299	40.0 1.575	1	R/LAG551.31-323207-40	32 1.260	31.5 1.240	23.7 .931	10 145	0.14	N151.3-400-40- 4G
	50	40	19.5 .768	60.0 2.362	1	R/LAG551.31-402019-50	40 1.575	19.5 .768	39.5 1.555	10 145	0.22	N151.3-500-50- 4G

SSC = To correspond with SSC on insert. R = Right hand, L = Left hand

Accessories (to be ordered separately)

Insert key
5680 057-021

No pivot holes are provided in the T-Max Q-Cut® SL cutting heads (R/LAG 551.31) or the smaller MBS blades for parting or face grooving. For these items a small rubber hammer should be used to tap the insert into its final position. The tip of the yellow key should be used to extract the insert.



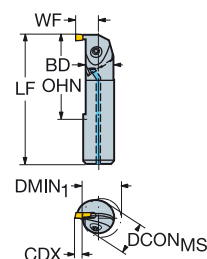
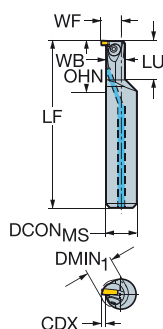
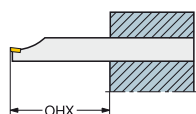
T-Max® Q-Cut boring bar for grooving

Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply

DSGN 1

2



Metric version

											Dimensions							MIID
	SSC	CZC _{MS}	CDX	DMIN ₁	LU	OHX	OHN	CNSC	DSGN	Ordering code	DCON _{MS}	WB	LF	WF	BAR	NM	KG	
	20	16	2.0	12.0	20.0	64.0	27.0	1	1	R/LAG151.32-16M12-20	16	9.5	150.0	10.0	10	2.5	0.22	N151.3-200-20- 4G
	25	16	4.0	15.0	20.0	64.0	27.0	1	1	R/LAG151.32-16M15-25	16	10.5	150.0	12.0	10	2.5	0.21	N151.3-265-25- 4G
	30	20	4.5	16.0	21.0	80.0	21.5	1	1	R/LAG151.32-20Q16-30	20	11.0	180.0	14.3	10	2.5	0.40	N151.3-300-30- 4G
	40	20	5.0	18.0	23.0	80.0	23.0	1	1	R/LAG151.32-20Q18-40	20	12.5	180.0	14.8	10	3.5	0.42	N151.3-400-40- 4G
	20	16	3.5	20.0		64.0	24.0	1	2	R/LAG151.32-16M-20	16		150.0	11.5	10	2.5	0.22	N151.3-200-20- 4G
		20	4.5	25.0		80.0	30.0	1	2	R/LAG151.32-20Q-20	20		180.0	14.5	10	2.5	0.42	N151.3-200-20- 4G
	25	16	3.5	20.0		64.0	24.2	1	2	R/LAG151.32-16M-25	16		150.0	11.6	10	3.0	0.21	N151.3-265-25- 4G
		20	4.6	25.0		80.0	30.0	1	2	R/LAG151.32-20Q-25	20		180.0	14.6	10	3.0	0.42	N151.3-265-25- 4G
		25	6.1	32.0		100.0	32.2	1	2	R/LAG151.32-25R-25	25		200.0	18.6	10	3.0	0.70	N151.3-265-25- 4G
	30	20	4.5	25.0		80.0	32.2	1	2	R/LAG151.32-20Q-30	20		180.0	14.5	10	3.5	0.41	N151.3-300-30- 4G
		25	6.0	32.0		100.0	30.0	1	2	R/LAG151.32-25R-30	25		200.0	18.5	10	3.5	0.70	N151.3-300-30- 4G
	40	25	6.1	32.0		100.0	32.2	1	2	R/LAG151.32-25R-40	25		200.0	18.5	10	4.5	0.69	N151.3-400-40- 4G

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

	Spare parts
Ordering code	Clamping screw
R/LAG151.32-16M12-20	5512 031-07
R/LAG151.32-16M-20	5512 031-03
R/LAG151.32-20Q-20	5512 031-03
R/LAG151.32-16M15-25	5512 031-04
R/LAG151.32-16M-25	5512 031-03
R/LAG151.32-20Q-25	5512 031-03
R/LAG151.32-25R-25	5512 031-03
R/LAG151.32-20Q16-30	5512 031-04
R/LAG151.32-20Q-30	5512 031-03
R/LAG151.32-25R-30	5512 031-03
R/LAG151.32-20Q18-40	5512 031-03
R/LAG151.32-25R-40	5512 031-03

For the complete list of spare parts, visit www.sandvik.coromant.com



B135



F2



G1



H37



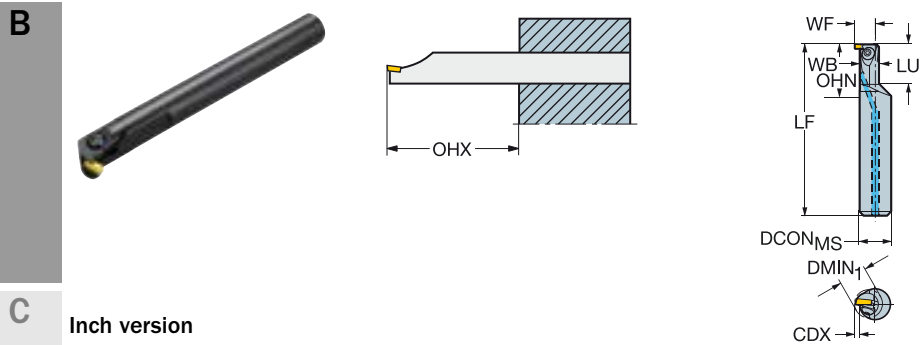
H28



H5

T-Max® Q-Cut boring bar for grooving

Screw clamp design
Cylindrical with groove for EasyFix sleeve - Internal coolant supply



C Inch version

										Dimensions, inch						MIID
										WB	LF	WF	PSI	FT/LBS	LBS	
	SSC	CZC _{MS}	CDX	DMIN _i	LU	OHX	OHN	CNSC	Ordering code							
	20	5/8	.079	.472	.787	2.500	1.063	1	RAG151.32-D10M47-20	.374	5.906	.394	145	1.8	.439	N151.3-200-20-4G
	25	5/8	.157	.591	.787	2.500	1.063	1	RAG151.32-D10M59-25	.413	5.906	.472	145	1.8	.485	N151.3-265-25-4G
	30	3/4	.157	.591	1.400	3.000	1.890	1	RAG151.32-D12-M59-25	.413	6.000	.453	145	1.6	.600	N151.3-265-25-4G
	40	3/4	.187	.630	.846	3.000	1.220	1	RAG151.32-D12Q63-30	.433	7.087	.551	145	1.8	.750	N151.3-300-30-4G
	40	3/4	.207	.709	.906	3.000	1.220	1	RAG151.32-D12Q71-40	.492	7.087	.571	145	2.2	.661	N151.3-400-40-4G

SSC = To correspond with SSC on holder. R = Right hand, L = Left hand

		Spare parts
SSC	CZC _{MS}	Clamping screw
20	5/8	5512 031-07
25	5/8-3/4	5512 031-04
30	3/4	5512 031-04
40	3/4	5512 031-03

For the complete list of spare parts, visit www.sandvik.coromant.com

E

F

G

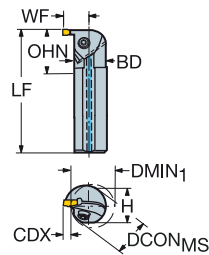
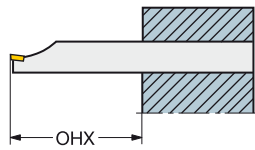
H



T-Max® Q-Cut boring bar for grooving

Screw clamp design

Cylindrical with flats - Internal coolant supply



Metric version

									Dimensions									
	SSC	CZC _{MS}	CDX	DMIN ₁	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	LF	WF				MID		
	25	32	7.1	40.0	128.0	36.3	1	R/LAG151.32-32S-25	32	30.0	250.0	23.1	10	3.0	1.41	N151.3-265-25- 4G		
	30	32	7.0	40.0	128.0	36.2	1	R/LAG151.32-32S-30	32	30.0	250.0	23.0	10	3.5	1.43	N151.3-300-30- 4G		
	40	32	7.1	40.0	128.0	36.3	1	R/LAG151.32-32S-40	32	30.0	250.0	23.1	10	4.5	1.42	N151.3-400-40- 4G		
		40	8.1	50.0	160.0	42.3	1	R/LAG151.32-40T-40	40	37.0	300.0	28.1	10	4.5	2.64	N151.3-400-40- 4G		
	50	32	7.0	40.0	128.0	36.3	1	RAG151.32-32S-50	32	30.0	250.0	23.0	10	5.0	1.45	N151.3-500-50- 4G		
		40	8.0	50.0	160.0	42.3	1	RAG151.32-40T-50	40	37.0	300.0	28.0	10	5.0	2.63	N151.3-500-50- 4G		

Inch version

								Dimensions, inch							MID
	SSC	CZC _{MS}	CDX	DMIN ₁	OHX	OHN	CNSC	Ordering code	H	LF	WF	PSI	FT/LBS	LBS	
	20	5/8	.138	.787	2.500	.950	1	RAG151.32-D10-20	.560	6.000	.453	145	1.4	.452	N151.3-200-20- 4G
		3/4	.177	.984	3.000	1.180	1	RAG151.32-D12-20	.710	7.000	.571	145	1.4	.838	N151.3-200-20- 4G
	25	5/8	.138	.787	2.500	.950	1	R/LAG151.32-D10-25	.560	6.000	.457	145	1.6	.397	N151.3-265-25- 4G
		3/4	.181	.984	3.000	1.180	1	R/LAG151.32-D12-25	.710	7.000	.575	145	1.6	.816	N151.3-265-25- 4G
		1	.240	1.260	4.000	1.270	1	RAG151.32-D16-25	.910	8.000	.732	145	1.6	1.466	N151.3-265-25- 4G
	30	3/4	.177	.984	3.000	1.180	1	R/LAG151.32-D12-30	.710	7.000	.571	145	1.9	.820	N151.3-300-30- 4G
		1	.236	1.260	4.000	1.270	1	RAG151.32-D16-30	.910	8.000	.728	145	1.9	1.466	N151.3-300-30- 4G
		1 1/4	.276	1.575	5.000	1.430	1	RAG151.32-D20-30	1.180	10.000	.906	145	1.9	3.131	N151.3-300-30- 4G
	40	1	.240	1.260	4.000	1.270	1	RAG151.32-D16-40	.910	8.000	.734	145	2.4	1.413	N151.3-400-40- 4G
		1 1/4	.281	1.575	5.000	1.430	1	RAG151.32-D20-40	1.180	10.000	.911	145	2.4	3.276	N151.3-400-40- 4G

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

	Spare parts
Ordering code	Clamping screw
R/LAG151.32-D10-20	5512 031-03
R/LAG151.32-D12-20	5512 031-03
R/LAG151.32-D10-25	5512 031-03
R/LAG151.32-D12-25	5512 031-03
R/LAG151.32-D16-25	5512 031-03
R/LAG151.32-32S-25	5512 031-03
R/LAG151.32-D12-30	5512 031-03
R/LAG151.32-D16-30	5512 031-03
R/LAG151.32-D20-30	5512 031-03
R/LAG151.32-32S-30	5512 031-03
R/LAG151.32-D16-40	5512 031-03
R/LAG151.32-D20-40	3212 012-359
R/LAG151.32-32S-40	3212 012-359
R/LAG151.32-40T-40	3212 012-359
R/LAG151.32-32S-50	3212 012-359
R/LAG151.32-40T-50	3212 012-359

For the complete list of spare parts, visit www.sandvik.coromant.com

B135



F2



G1



H37



H28

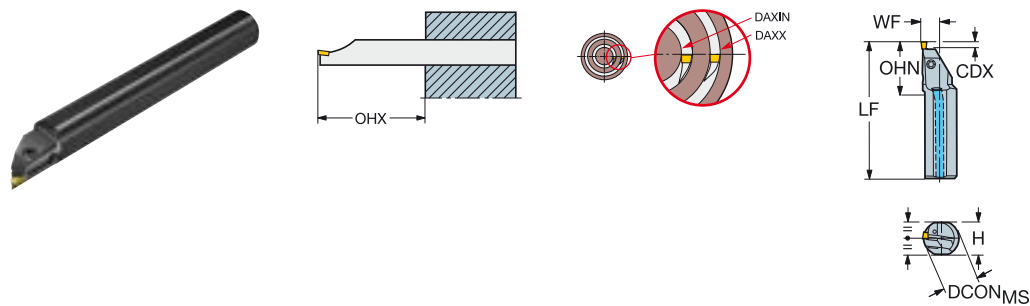


H5

T-Max® Q-Cut boring bar for face grooving

Screw clamp design

B



C

Metric version

									Ordering code	Dimensions								MIID
	SSC	CZC _{MS}	CDX	DAXIN	DAXX	OHX	OHN	CNSC		DCON _{MS}	H	LF	WF	HF				
	25	25	5.3	18.0	101.0	62.5	31.4	1	R/LAF151.37-25-024A25	25	23.0	200.0	12.8	0.1	10	3.0	0.62	N151.3-300-25- 7G
	30	25	5.3	16.0	101.0	62.5	31.4	1	R/LAF151.37-25-024A30	25	23.0	200.0	12.8	0.1	10	3.0	0.63	N151.3-400-30- 7G
		25	12.0	16.0	55.0	62.5	31.4	1	R/LAF151.37-25-025A30	25	23.0	200.0	12.8	0.1	10	3.5	0.62	N151.3-400-30- 7G
	50	40	6.3	23.0	400.0	100.0	50.0	1	R/LAF151.37-40-035A50	40	37.0	300.0	20.8	0.1	10	5.0	2.40	N151.3-600-50- 7G
		40	15.0	23.0	80.0	100.0	50.0	1	R/LAF151.37-40-036A50	40	37.0	300.0	20.8	0.1	10	5.0	2.37	N151.3-600-50- 7G

SSC = To correspond with SSC on insert. R = Right hand, L = Left hand

D

		Spare parts
SSC	CZC _{MS}	Clamping screw
25	25	3212 012-257
30	25	3212 012-257
50	40	3212 012-359

E

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H



CoroThread® 266

For circlip grooving and other shallow grooves

Application

- Shallow grooving
- Circlip grooving
- Low to medium feeds

ISO application area:



Benefits and features

- High indexing repeatability
- Stable solution with low risk of vibrations
- Cost efficient solution with three cutting edges
- External and internal grooves
- Sharp cutting edges for high quality grooves
- Insert is easy to identify—groove width is imprinted on the insert



www.sandvik.coromant.com/corothread266

Inserts

- Inserts in grade GC1135
- Positive geometry for low cutting force

Tools

- Coromant Capto® cutting units
- Shank tools
- Boring bars
- CoroTurn® SL heads

Secure iLock™ clamping

The slotted insert sits rigidly on the T-rails in the pocket eliminating any insert movement caused by cutting force variations.



The inserts can be used in CoroThread 266 tool holders. For correct inclination angle, a 0° shim must be used.



B150



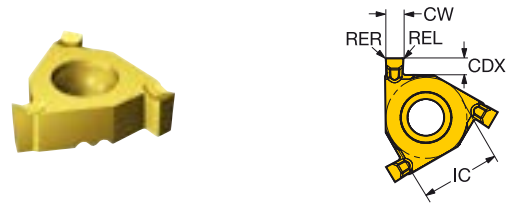
B151

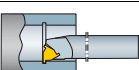


H28

CoroThread® 266 insert for grooving

For circlip grooving and machining in shallow grooves



												Dimensions, mm, inch					
							P	M	K	N	S						
Medium			CW	REL	RER	CDX	Ordering code	1135	1135	1135	1135	AN	CWTOLL	CWTOLU	RETOLL	RETOLU	
		16	1.10	0.08	0.08	1.3	254R/LG-16CC01-110	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020
			.043	.003	.003	.051								.0020	.0051	-.0032	.0008
		1.30	0.08	0.08	1.6	254R/LG-16CC01-130	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020	
			.051	.003	.003	.063								.0020	.0051	-.0032	.0008
		1.60	0.08	0.08	1.9	254R/LG-16CC01-160	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020	
			.063	.003	.003	.073								.0020	.0051	-.0032	.0008
		1.85	0.08	0.08	1.9	254R/LG-16CC01-185	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020	
			.073	.003	.003	.073								.0020	.0051	-.0032	.0008
		2.15	0.08	0.08	1.9	254R/LG-16CC01-215	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020	
			.085	.003	.003	.073								.0020	.0051	-.0032	.0008
		22	2.15	0.08	0.08	2.2	254R/LG-22CC01-215	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020
			.085	.003	.003	.087								.0020	.0051	-.0032	.0008
		2.65	0.15	0.15	2.2	254R/LG-22CC01-265	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020	
			.104	.006	.006	.087								.0020	.0051	-.0032	.0008
		3.15	0.15	0.15	2.2	254R/LG-22CC01-315	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020	
			.124	.006	.006	.087								.0020	.0051	-.0032	.0008
		4.15	0.15	0.15	2.6	254R/LG-22CC01-415	★	★	★	★	★	0°	0.050	0.130	-0.080	0.020	
	.163	.006	.006	.102								.0020	.0051	-.0032	.0008		

SSC = To correspond with SSC on holder. R = Right hand, L = Left hand

Note!
The right hand insert can be used in right hand external and left hand internal holders, and the left hand insert in left hand external and right hand internal holders.

When using CoroThread® 266 boring bars for these inserts, a shim giving an angle of inclination of 0° must be used, see page C98

CoroThread® 266 boring bar for grooving

Screw clamp design dedicated for circlip grooves

Internal coolant supply



266R/LL,
254R/LG

Cylindrical

									Dimensions, mm, inch							
		CZC _{MS}	CDX	DMIN ₁	LU	OHX	OHN	CNSC	Ordering code	DCON _{MS}	LF	WF				MIID
	16	16	1.3	20.0	27.0	48.0	27.0	1	254R/LKF-16-16-R	16	125.0	12.0	10	3.0	0.20	254RG-16CC..
			.051	.787	1.063	1.890	1.063			.630	4.921	.472	145			
	22	20	2.2	25.0	48.0	60.0	48.0	1	254R/LKF-20-22-R	20	141.0	15.0	10	5.0	0.32	254RG-22CC..
			.087	.984	1.890	2.362	1.890			.787	5.551	.591	145			

Cylindrical with flats

										Dimensions, mm, inch							
		CZC _{MS}	CDX	DMIN ₁	LU	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	LF	WF				MIID
	16	16	1.3	20.0	27.0	48.0	27.0	1	254R/LKF-16-16	16	15.0	201.0	12.0	10	3.0	0.30	254RG-16CC..
			.051	.787	1.063	1.890	1.063			.630	.591	7.913	.472	145			
	22	20	2.2	25.0	34.2	60.0	34.2	1	254R/LKF-20-22	20	18.0	251.0	15.0	10	5.0	0.53	254RG-22CC..
			.087	.984	1.346	2.362	1.346			.787	.709	9.882	.591	145			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

No shims used

For PDX/PDY values, see insert page.

For larger bar diameters, use bar type 266R/LKF with shim 0°.

When using CoroThread 266 circlip grooving inserts type 254R/LG, the right hand round shank tool uses a left hand insert and the left hand round shank tool uses a right hand insert.

		Spare parts
	CZC _{MS}	Screw
16	16	5513 020-02
22	20	5513 020-07

For the complete list of spare parts, visit www.sandvik.coromant.com



B150



F2



G1



H37



H5

Top Lok®

Grooving, profiling and threading operations

Application

- Grooving
- Profiling
- Threading

ISO application area:



Benefits and features

- Multiply operations with the same holder by simply changing the insert
- Double-ended inserts provide high edge security
- Interchangeable with similar clamping systems by changing the top clamp and screw

www.sandvik.coromant.com/toplok

Inserts

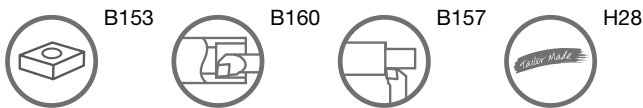
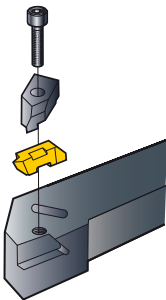
- Double-ended and precision ground inserts
- Available in universal grade GC1125
- Tailor Made inserts available

Tools

- Coromant Capto® cutting units
- Shank tools
- Boring bars
- CoroTurn® SL heads

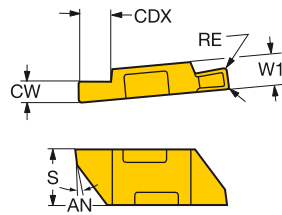
Clamping system

The flexible Top-Lok® clamping system locks the insert against both the back and side of the pocket, while at the same time, pulling the insert down into the pocket. This provides for clamping integrity axially and radially.



Top Lok® insert for grooving

Neutral rake – Flat top



								P	M	K	N	Dimensions, mm, inch								
								1125	2135	3020	1125	2135	1125	3020	1125	H13A				
SSC	CW	S	REL	RER	W1	CDX	Ordering code										AN	CWTOLL	CWTOLU	RETOLL
2	0.79	5.56	0.09	0.09	3.81	1.3	TLG-2031R/L	★	☆		☆	★	★		☆	★	10°	-0.025	0.025	-0.064
	.031	.219	.004	.004	.150	.050												-.0010	.0010	-.0025
	1.04	5.56	0.09	0.09	3.81	1.3	TLG-2041R/L	★			★		★		★		10°	-0.025	0.025	
	.041	.219	.004	.004	.150	.050												-.0010	.0010	
	1.19	5.56	0.09	0.09	3.81	1.3	TLG-2047R/L	★			★		★		☆	★	10°	-0.025	0.025	
	.047	.219	.004	.004	.150	.050												-.0010	.0010	
	1.47	5.56	0.19	0.19	3.81	1.3	TLG-2058R/L	★			★		★		★		10°	-0.025	0.025	
	.058	.219	.008	.008	.150	.050												-.0010	.0010	
	1.57	5.56	0.19	0.19	3.81	2.8	TLG-2062R/L	★	☆		☆	★	★		☆	★	10°	-0.025	0.025	
	.062	.219	.008	.008	.150	.110												-.0010	.0010	
3	2.39	5.56	0.19	0.19	3.81	2.8	TLG-2094R/L	★			★		★		☆	★	10°	-0.025	0.025	
	.094	.219	.008	.008	.150	.110												-.0010	.0010	
	3.18	5.56	0.19	0.19	3.81	2.8	TLG-2125R/L	★			★		★		☆	★	10°	-0.025	0.025	
	.125	.219	.008	.008	.150	.110												-.0010	.0010	
	1.19	8.74	0.19	0.19	4.95	1.9	TLG-3047R/L	★	☆		☆	★	★		☆	★	10°	-0.025	0.025	
	.047	.344	.008	.008	.195	.075												-.0010	.0010	
	1.57	8.74	0.19	0.19	4.95	2.4	TLG-3062R/L	★	☆	☆	☆	★	★	☆	☆	★	10°	-0.025	0.025	
	.062	.344	.008	.008	.195	.094												-.0010	.0010	
	1.83	8.74	0.19	0.19	4.95	2.4	TLG-3072R/L	★			★		★		★		10°	-0.025	0.025	
	.072	.344	.008	.008	.195	.094												-.0010	.0010	
4	1.98	8.74	0.19	0.19	4.95	2.4	TLG-3078R/L	★	☆		☆	★	★		★		10°	-0.025	0.025	
	.078	.344	.008	.008	.195	.094												-.0010	.0010	
	2.24	8.74	0.19	0.19	4.95	2.4	TLG-3088R/L	★			★		★		★		10°	-0.025	0.025	
	.088	.344	.008	.008	.195	.094												-.0010	.0010	
	2.39	8.74	0.19	0.19	4.95	3.8	TLG-3094R/L	★	☆		☆	★	★		☆	★	10°	-0.025	0.025	
	.094	.344	.008	.008	.195	.150												-.0010	.0010	
	2.46	8.74	0.32	0.32	4.95	3.8	TLG-3097R/L	★			★		★		★		10°	-0.025	0.025	
	.097	.344	.013	.013	.195	.150												-.0010	.0010	
	2.67	8.74	0.19	0.19	4.95	3.8	TLG-3105R/L	★			★		★		☆	★	10°	-0.025	0.025	
	.105	.344	.008	.008	.195	.150												-.0010	.0010	
5	2.79	8.74	0.32	0.32	4.95	3.8	TLG-3110R/L	★			★		★		★		10°	-0.025	0.025	
	.110	.344	.013	.013	.195	.150												-.0010	.0010	
	3.10	8.74	0.19	0.19	4.95	3.8	TLG-3122R/L	★			★		★		★		10°	-0.025	0.025	
	.122	.344	.008	.008	.195	.150												-.0010	.0010	
	3.18	8.74	0.19	0.19	4.95	3.8	TLG-3125R/L	★	☆	☆	☆	★	★	☆	☆	★	10°	-0.025	0.025	
	.125	.344	.008	.008	.195	.150												-.0010	.0010	
	3.61	8.74	0.32	0.32	4.95	3.8	TLG-3142R/L	★	☆		☆	★	★		★		10°	-0.025	0.025	
	.142	.344	.013	.013	.195	.150												-.0010	.0010	
	3.96	8.74	0.19	0.19	4.95	3.8	TLG-3156R/L	★		☆	★		★	☆	☆	★	10°	-0.025	0.025	
	.156	.344	.008	.008	.195	.150												-.0010	.0010	
6	4.52	8.74	0.19	0.19	4.95	3.8	TLG-3178L	★			★		★		★		10°	-0.025	0.025	
	.178	.344	.008	.008	.195	.150												-.0010	.0010	
	4.80	8.74	0.57	0.57	4.95	3.8	TLG-3189R/L	★		☆	★		★	☆	★		10°	-0.025	0.025	
	.189	.344	.023	.023	.195	.150												-.0010	.0010	
	4.80	11.51	0.57	0.57	6.48	6.4	TLG-4189R/L	★			★		★		☆	★	10°	-0.025	0.025	
	.189	.453	.023	.023	.255	.250												-.0010	.0010	
	6.35	11.51	0.57	0.57	6.48	6.4	TLG-4250R/L	★	☆	☆	☆	★	★	☆	☆	★	10°	-0.025	0.025	
	.250	.453	.023	.023	.255	.250												-.0010	.0010	
	3.18	11.51	0.19	0.19	6.48	3.8	TLG-4125R	★			★		★		★		10°	-0.025	0.025	
	.125	.453	.008	.008	.255	.150												-.0010	.0010	
7	5.41	11.51	0.19	0.19	6.48	6.4	TLG-4213R	★			★		★		★		10°	-0.025	0.025	
	.213	.453	.008	.008	.255	.250												-.0010	.0010	

SSC = To correspond with SSC on holder.

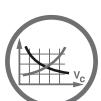
R = Right hand, L = Left hand



B157



B160



B180



B202



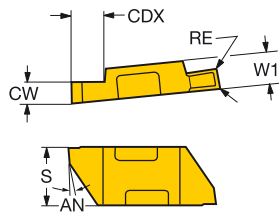
H37



H28

Top Lok® insert for grooving

Positive rake – Chip breaker



								P	M	K	N	Dimensions, mm, inch					
SSC	CW	S	REL	RER	W1	CDX	Ordering code	1125	2135	1125	2135	1125	1125	H13A	AN	CWTOLL	CWTOLU
2	0.79	5.56	0.09	0.09	3.81	1.3	TLGP-2031R/L	★	☆	☆	★	★	☆	★	10°	-0.025	0.025
	.031	.219	.004	.004	.150	.050										-.0010	.0010
	1.04	5.56	0.09	0.09	3.81	1.3	TLGP-2041R/L	★		★		★	★		10°	-0.025	0.025
	.041	.219	.004	.004	.150	.050										-.0010	.0010
	1.19	5.56	0.09	0.09	3.81	1.3	TLGP-2047R/L	★		★		★	★		10°	-0.025	0.025
	.047	.219	.004	.004	.150	.050										-.0010	.0010
	1.47	5.56	0.19	0.19	3.81	1.3	TLGP-2058R/L	★		★		★	★		10°	-0.025	0.025
	.058	.219	.008	.008	.150	.050										-.0010	.0010
	1.57	5.56	0.19	0.19	3.81	2.8	TLGP-2062R/L	★	☆	☆	★	★	☆	★	10°	-0.025	0.025
	.062	.219	.008	.008	.150	.110										-.0010	.0010
	2.39	5.56	0.19	0.19	3.81	2.8	TLGP-2094R/L	★		★		★	★		10°	-0.025	0.025
	.094	.219	.008	.008	.150	.110										-.0010	.0010
	3.18	5.56	0.19	0.19	3.81	2.8	TLGP-2125R/L	★		★		★	★		10°	-0.025	0.025
	.125	.219	.008	.008	.150	.110										-.0010	.0010
3	1.19	8.74	0.19	0.19	4.95	1.9	TLGP-3047R/L	★	☆	☆	★	★	★		10°	-0.025	0.025
	.047	.344	.008	.008	.195	.075										-.0010	.0010
	1.57	8.74	0.19	0.19	4.95	2.4	TLGP-3062R/L	★	☆	☆	★	★	★		10°	-0.025	0.025
	.062	.344	.008	.008	.195	.094										-.0010	.0010
	1.83	8.74	0.19	0.19	4.95	2.4	TLGP-3072R/L	★		★		★	★		10°	-0.025	0.025
	.072	.344	.008	.008	.195	.094										-.0010	.0010
	2.24	8.74	0.19	0.19	4.95	2.4	TLGP-3088R/L	★		★		★	★		10°	-0.025	0.025
	.088	.344	.008	.008	.195	.094										-.0010	.0010
	2.39	8.74	0.19	0.19	4.95	3.8	TLGP-3094R/L	★	☆	☆	★	★	★		10°	-0.025	0.025
	.094	.344	.008	.008	.195	.150										-.0010	.0010
	2.79	8.74	0.32	0.32	4.95	3.8	TLGP-3110R/L	★		★		★	★		10°	-0.025	0.025
	.110	.344	.013	.013	.195	.150										-.0010	.0010
	3.18	8.74	0.19	0.19	4.95	3.8	TLGP-3125R/L	★	☆	☆	★	★	☆	★	10°	-0.025	0.025
	.125	.344	.008	.008	.195	.150										-.0010	.0010
	3.61	8.74	0.32	0.32	4.95	3.8	TLGP-3142R/L	★	☆	☆	★	★	★		10°	-0.025	0.025
	.142	.344	.013	.013	.195	.150										-.0010	.0010
	3.96	8.74	0.19	0.19	4.95	3.8	TLGP-3156R/L	★		★		★	★		10°	-0.025	0.025
	.156	.344	.008	.008	.195	.150										-.0010	.0010
	4.80	8.74	0.57	0.57	4.95	3.8	TLGP-3189R/L	★		★		★	★		10°	-0.025	0.025
	.189	.344	.023	.023	.195	.150										-.0010	.0010
4	3.18	11.51	0.19	0.19	6.48	3.8	TLGP-4125R/L	★		★		★	★		10°	-0.025	0.025
	.125	.453	.008	.008	.255	.150										-.0010	.0010
	4.80	11.51	0.57	0.57	6.48	6.4	TLGP-4189R/L	★		★		★	★		10°	-0.025	0.025
	.189	.453	.023	.023	.255	.250										-.0010	.0010
	6.35	11.51	0.57	0.57	6.48	6.4	TLGP-4250R/L	★		★		★	★		10°	-0.025	0.025
	.250	.453	.023	.023	.255	.250										-.0010	.0010
3	1.98	8.74	0.19	0.19	4.95	2.4	TLGP-3078R	★		★		★	★		10°	-0.025	0.025
	.078	.344	.008	.008	.195	.094										-.0010	.0010
	2.46	8.74	0.32	0.32	4.95	3.8	TLGP-3097R	★		★		★	★		10°	-0.025	0.025
	.097	.344	.013	.013	.195	.150										-.0010	.0010
	2.67	8.74	0.19	0.19	4.95	3.8	TLGP-3105R	★		★		★	★		10°	-0.025	0.025
	.105	.344	.008	.008	.195	.150										-.0010	.0010
	3.10	8.74	0.19	0.19	4.95	3.8	TLGP-3122R	★		★		★	★		10°	-0.025	0.025
	.122	.344	.008	.008	.195	.150										-.0010	.0010
	4.52	8.74	0.19	0.19	4.95	3.8	TLGP-3178R	★		★		★	★		10°	-0.025	0.025
	.178	.344	.008	.008	.195	.150										-.0010	.0010
	4.70	8.74	0.57	0.57	4.95	3.8	TLGP-3185R	★		★		★	★		10°	-0.025	0.025
	.185	.344	.023	.023	.195	.150										-.0010	.0010

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand



B157



B160



B180



B202



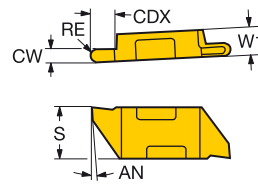
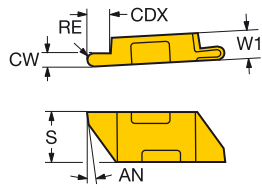
H37



H28

Top Lok® insert for profiling

Neutral rake – Flat top



											Dimensions, mm, inch				
						P	M	K	N						
						1125	1125	1125	1125	H3A					
SSC	CW	S	RE	W1	CDX	Ordering code					AN	CWTOLL	CWTOLU	RETOLL	RETOLU
3	1.57	8.74	0.79	4.95	2.4	TLR-3031R/L	★	★	★	★	10°	-0.025	0.025		
	.062	.344	.031	.195	.094							-.0010	.0010		
	2.39	8.74	1.19	4.95	3.8	TLR-3047R/L	★	★	★	★	10°	-0.025	0.025		
	.094	.344	.047	.195	.150							-.0010	.0010		
	3.15	8.74	1.57	4.95	3.8	TLR-3062R/L	★	★	★	★	10°	-0.025	0.025		
	.124	.344	.062	.195	.150							-.0010	.0010		
	3.96	8.74	1.98	4.95	3.8	TLR-3078R/L	★	★	★	★	10°	-0.025	0.025		
	.156	.344	.078	.195	.150							-.0010	.0010		
	4.78	8.74	2.39	4.95	3.8	TLR-3094R/L	★	★	★	★	10°	-0.025	0.025		
	.188	.344	.094	.195	.150							-.0010	.0010		
	1.57	8.74	0.79	4.95	2.4	TLRP-3031R/L	★	★	★	★	10°	-0.025	0.025		
	.062	.344	.031	.195	.094							-.0010	.0010		
	2.39	8.74	1.19	4.95	3.8	TLRP-3047R/L	★	★	★	★	10°	-0.025	0.025		
	.094	.344	.047	.195	.150							-.0010	.0010		
	3.15	8.74	1.57	4.95	3.8	TLRP-3062R/L	★	★	★	★	10°	-0.025	0.025		
	.124	.344	.062	.195	.150							-.0010	.0010		
4	3.15	11.51	1.57	6.48	3.8	TLR-4062L				★	10°	-0.025	0.025		
	.124	.453	.062	.255	.150							-.0010	.0010		
	6.35	11.51	3.18	6.48	6.4	TLR-4125R/L	★	★	★	★	10°	-0.025	0.025		
	.250	.453	.125	.255	.250							-.0010	.0010		
3	4.78	8.74	2.39	4.95	3.8	TLRP-3094R	★	★	★	★	10°	-0.025	0.025	-0.050	0.050
	.188	.344	.094	.195	.150							-.0010	.0010	-.0020	.0020

SSC = To correspond with SSC on holder.

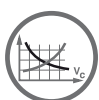
R = Right hand, L = Left hand



B157



B160



B180



B202



H37

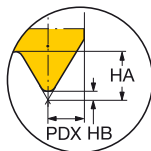
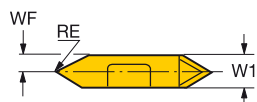


H28

Top Lok® insert for thread turning

Neutral rake – Flat top

V-Profile 60°



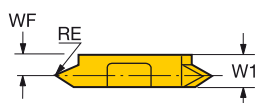
C

							P	M	K	N	S	H	Dimensions, mm, inch				
SSC	TPN	TPX	TPIN	TPIX	NT	Ordering code	1125	1125	1125	1125	1125	1125	RE	W1	S	HA	PDX
2	0.7	3.5	7.0	36.0	1	TLF-2L	★	★	★	★	★	☆	0.10	3.81	5.56	3.30	1.91
													.004	.150	.219	.1299	.075
	0.7	3.5	7.0	36.0	1	TLF-2R	★	★	★	★	★	☆	0.10	3.81	5.56	3.30	1.91
													.004	.150	.219	.1299	.075
3	1.3	5.0	5.0	20.0	1	TLF-3L	★	★	★	★	★	☆	0.10	4.95	8.74	4.31	2.49
													.004	.195	.344	.1697	.098
	1.3	5.0	5.0	20.0	1	TLF-3R	★	★	★	★	★	☆	0.10	4.95	8.74	4.31	2.49
													.004	.195	.344	.1697	.098
4	1.3	6.3	4.0	20.0	1	TLF-4R	★	★	★	★	★	☆	0.17	6.48	11.51	4.98	3.25
													.006	.255	.453	.1960	.128

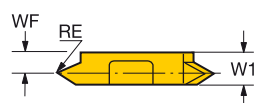
V-Profile 60°



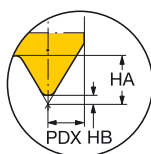
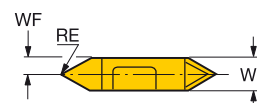
TLTF



TLTK



TLTP



F

							P	M	K	N	S	H	Dimensions, mm, inch								
SSC	TPN	TPX	TPIN	TPIX	NT	Ordering code	1125	H13A	1125	H13A	1125	H13A	1125	H13A	1125	H13A	RE	W1	S	HA	PDX
2	0.6	2.0	12.0	44.0	1	TLTF-2R/L	★		★		★		★		☆		0.08	3.81	5.56	1.58	2.79
																	.003	.150	.219	.0620	.110
	0.6	2.0	12.0	44.0	1	TLTK-2R/L	★		★		★		★		☆		0.08	3.81	5.56	1.58	2.79
																	.003	.150	.219	.0620	.110
	0.7	3.5	7.0	36.0	1	TLTP-2R/L	★	☆	★	☆	★	☆	★	☆	★	☆	0.10	3.81	5.56	2.87	1.91
																	.004	.150	.219	.1130	.075
3	0.6	2.5	9.0	44.0	1	TLTF-3R/L	★		★		★		★		☆		0.08	4.95	8.74	2.11	3.58
																	.003	.195	.344	.0830	.141
	0.6	2.5	9.0	44.0	1	TLTK-3R/L	★		★		★		★		☆		0.08	4.95	8.74	2.11	3.58
																	.003	.195	.344	.0830	.141
	1.3	5.0	5.0	36.0	1	TLTP-3004R	★		★		★		★		☆		0.17	4.95	8.74	3.76	2.49
																	.006	.195	.344	.1480	.098
	1.3	5.0	5.0	20.0	1	TLTP-3R/L	★	☆	★	☆	★	☆	★	☆	★	☆	0.17	4.95	8.74	3.76	2.49
																	.006	.195	.344	.1480	.098
4	1.3	6.3	4.0	20.0	1	TLTP-4R/L	★		★		★		★		☆		0.10	6.48	11.51	4.98	3.25
																	.004	.255	.453	.1961	.128

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand

Note: inserts in grade H13A have a sharp cutting edge without ER treatment.

H



B157



B160



B180



B202



H37



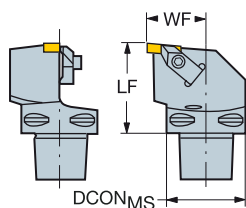
H28

Top Lok® cutting unit for parting and grooving

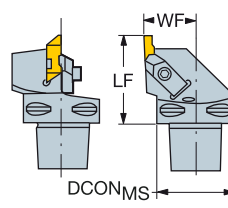
Internal coolant supply



Cx-TLER/L



Cx-TLSR/L



B

			Dimensions, mm, inch			
SSC	CZC _{MS}	CNSC	Ordering code	LF	WF	MIID
3	C4	3	C4-TLER/L-27050-3	50.0	27.0	TLG-3189R
				1.969	1.063	
	C5	3	C5-TLER/L-35060-3	60.0	35.0	TLG-3189R
				2.362	1.378	
	C6	3	C6-TLER-45065-3	65.0	45.0	TLG-3189L
				2.559	1.772	
2	C4	3	C4-TLSR/L-27050-2	50.0	27.0	TLG-2125L
				1.969	1.063	
	C5	3	C5-TLSR/L-35060-3	60.0	35.0	TLG-3189L
				2.362	1.378	
3	C4	3	C4-TLSR/L-27050-3	50.0	27.0	TLG-3189L
				1.969	1.063	
	C5	3	C5-TLSR/L-35060-3	60.0	35.0	TLG-3189L
				2.362	1.378	
	C6	3	C6-TLSR/L-45065-3	65.0	45.0	TLG-3189L
				2.559	1.772	
4	C4	3	C4-TLSR-27055-4	55.0	27.0	TLG-4250R
				2.165	1.063	
	C5	3	C5-TLSR-35060-4	60.0	35.0	TLG-4250R
				2.362	1.378	
	C6	3	C6-TLSR/L-45065-4	65.0	45.0	TLG-4250L
				2.559	1.772	

C

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

D

Spare parts				
SSC	CZC _{MS}	Clamp	Screw	Nozzle
2	C4	C2R	10440	5691 032-02
3	C4-C6	C3R	10090	5691 032-02
4	C4-C6	C4R	10090	5691 032-02

For the complete list of spare parts, visit www.sandvik.coromant.com

E

F

G

H



B153



F2



E1



G1



H37



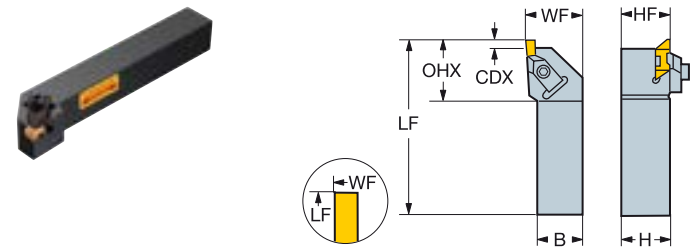
H28



H5

Top Lok® shank tool for parting and grooving

B



Inch version

C

					Dimensions, inch						
SSC	CZC _{MS}	CDX	OHX	Ordering code	B	H	LF	WF	LBS	MIID	
2	3/8 x 3/8	.125	.880	TLSR 62D-S	.375	.375	6.000	.375	.265	TLG-2125R	
	1/2 x 1/2	.125	.880	TLSR 82D-S	.500	.500	6.000	.500	.375	TLG-2125R	
	1/2 x 1/2	.125	.880	TLSR-82V	.500	.500	3.500	.750	.265	TLG-2125R	
	5/8 x 5/8	.125	.880	TLSR 102D-S	.625	.625	6.000	.625	.573	TLG-2125R	
	5/8 x 5/8	.125	.880	TLSR-102	.625	.625	4.500	.750	.507	TLG-2125R	
	3/4 x 3/4	.125	.880	TLSR/L-122B	.750	.750	4.500	1.000	.705	TLG-2125L	
3	1 x 1	.125	1.300	TLSR/L-162C	1.000	1.000	5.000	1.250	1.340	TLG-2125L	
	1/2 x 1/2	.180	.880	TLSR 83D-S	.500	.500	6.000	.500	.441	TLG-3189R	
	5/8 x 5/8	.180	.880	TLSR 103D-S	.625	.625	6.000	.625	1.213	TLG-3189R	
	3/4 x 3/4	.180	1.268	TLSR/L-123B	.750	.750	4.500	1.000	.761	TLG-3189L	
	1 x 1	.180	1.300	TLSR/L-163C	1.000	1.000	5.000	1.250	1.455	TLG-3189L	
	1 x 1	.180	1.300	TLSR/L-163D	1.000	1.000	6.000	1.250	1.764	TLG-3189L	
4	1 1/4 x 1 1/4	.180	1.300	TLSR/L-203D	1.250	1.250	6.000	1.500	2.557	TLG-3189L	
	1 x 1	.280	1.400	TLSR/L-164D	1.000	1.000	6.000	1.250	1.764	TLG-4250L	
	1 x 1	.280	1.400	TLSR-164C	1.000	1.000	5.000	1.250	1.433	TLG-4250R	
	1 1/4 x 1 1/4	.280	1.400	TLSR-204D	1.250	1.250	6.000	1.500	2.425	TLG-4250R	

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

E

Spare parts			
SSC	CZC _{MS}	Clamp	Screw
2	3/8 x 3/8	C2R-M	10440
2	1/2 x 1/2-1 x 1	C2R	10440
3	1/2 x 1/2-5/8 x 5/8	C3R-M	10090
3	3/4 x 3/4-1 1/4 x 1 1/4	C3R	10090
4	1 x 1-1 1/4 x 1 1/4	C4R	10090

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

H

B153

F2

E1

H37

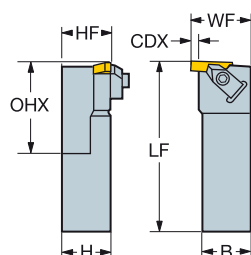
H28

B 158

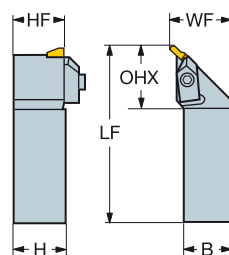
Top Lok® shank tool for parting and grooving



TLER/L



TLRR/L



Inch version

					Dimensions, inch							
SSC	CZC _{MS}	CDX	RMPX	OHX	Ordering code	B	H	LF	WF		MIID	
2	1/2 x 1/2	.125		1.000	TLER-82V	.500	.500	3.500	.750	.265	TLG-2125R	
	3/4 x 3/4	.125		1.000	TLER-122B	.750	.750	4.500	1.000	.705	TLG-2125L	
	1 x 1	.125		2.000	TLER-162C	1.000	1.000	5.000	1.250	1.455	TLG-2125L	
3	1 x 1	.180		2.000	TLER/L-163C	1.000	1.000	5.000	1.250	2.866	TLG-3189R	
	1 x 1	.180		2.000	TLER/L-163D	1.000	1.000	6.000	1.250	1.764	TLG-3189R	
	1 1/4 x 1 1/4	.180		2.000	TLER-203D	1.250	1.250	6.000	1.500	2.513	TLG-3189L	
4	1 x 1	.280		2.000	TLER-164D	1.000	1.000	6.000	1.375	1.764	TLG-4250L	
3	1 x 1	.189	45°	1.250	TLRR/L-163D	1.000	1.000	6.000	1.250	1.543	TLU 3	

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts			
SSC	CZC _{MS}	Clamp	Screw
2	1/2 x 1/2	C2R	10440
2	3/4 x 3/4-1 x 1	C2L	10440
3	1 x 1-1 1/4 x 1 1/4	C3L	10090
4	1 x 1	C4L	10090

For the complete list of spare parts, visit www.sandvik.coromant.com

B153



F2



E1



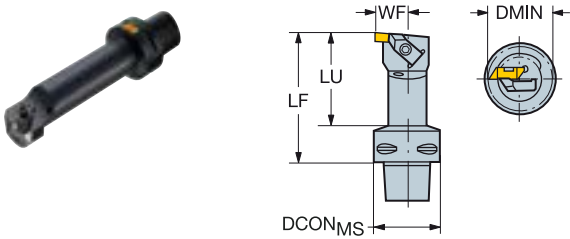
H37



H28

Top Lok® cutting unit for parting and grooving

B



C

							Dimensions, mm, inch					
SSC	CZC _{MS}	CDX	DMIN ₁	LU	OHX	CNSC	Ordering code	DCON _{MS}	LF	WF	KG	MIID
3	C4	4.8	32.0	48.0	70.0	3	C4-CTLHOR/L-17070-3	40	70.0	17.0	0.42	TLG-3189R
		.189	1.260	1.890	2.756			1.575	2.756	.669		
	C5	4.8	40.1	68.1	90.0	3	C5-CTLHOR/L-22090-3	50	89.9	22.0	0.85	TLG-3189R
		.189	1.580	2.680	3.543			1.969	3.540	.866		

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

D

Spare parts	
Clamp	Screw
C3L	10090

For the complete list of spare parts, visit www.sandvik.coromant.com

E

F

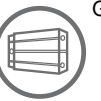
G

H

B153

F2

E1

G1

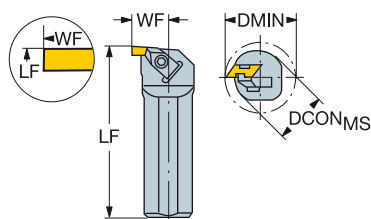
H37

H28

B 160



Top Lok® boring bar for grooving



						Dimensions, mm, inch					MIID
SSC	CZC _{MS}	CDX	DMIN _I	OHX	OHN	Ordering code	DCON _{MS}	H	LF	WF	
2	5/8	2.8	25.4	39.7	26.8	SI-CTLHOR/L-05102	15	14.2	203.2	12.7	0.30
		.110	1.000	1.562	1.054		.625	.560	8.000	.500	TLG-2125R
	3/4	2.8	28.6	48.8	35.8	SI-CTLHOR/L-06102	19	18.0	254.0	14.3	0.55
		.110	1.125	1.919	1.408		.750	.710	10.000	.562	TLG-2125R
	1	2.8	34.9	63.5	53.7	SI-CTLHOR/L-08122	25	23.1	304.8	17.5	1.08
		.110	1.375	2.500	2.115		1.000	.910	12.000	.688	TLG-2125R
	3	4.8	35.0	63.5	53.5	SI-CTLHOR/L-08123	25	23.1	304.8	17.5	1.10
		.189	1.376	2.500	2.107		1.000	.910	12.000	.688	TLG-3189R
	1 1/4	4.8	44.5	79.4	59.8	SI-CTLHOR/L-10143	31	30.0	355.6	22.2	2.10
		.189	1.750	3.125	2.353		1.250	1.180	14.000	.875	TLG-3189R
	1 1/2	4.8	50.8	95.3	59.8	SI-CTLHOR/L-12143	38	37.1	355.0	25.4	2.88
		.189	2.000	3.750	2.352		1.500	1.460	13.978	1.000	TLG-3189R
	2	4.8	63.5	127.0	69.3	SI-CTLHOR-16163	50	47.0	406.4	31.8	5.88
		.189	2.500	5.000	2.726		2.000	1.850	16.000	1.250	TLG-3189L
	4	6.4	63.5	111.1	62.8	SI-CTLHOR-14144	44	41.3	355.6	31.8	3.94
		.250	2.500	4.375	2.473		1.750	1.625	14.000	1.250	TLG-4250L
	2	6.4	69.9	127.0	69.2	SI-CTLHOR-16164	50	47.0	406.4	34.9	5.91
		.250	2.750	5.000	2.722		2.000	1.850	16.000	1.375	TLG-4250L

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

Spare parts			
SSC	CZC _{MS}	Clamp	Screw
2	5/8-1	C2L	10440
3	1-2	C3L	10090
4	1 3/4-2	C4L	10090

For the complete list of spare parts, visit www.sandvik.coromant.com

B4



F2



G1

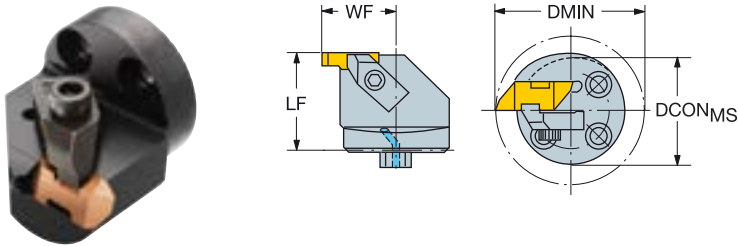


H37



H28

Top Lok® head for grooving



				Dimensions, mm, inch						
SSC	CZC _{MS}	CDX	CNSC	Ordering code	DCON _{MS}	LF	WF	KG	MIID	
2	20	2.8	8	570C-TLER-20-2	20	25.0	17.0	0.01	TLG-2125L	
		.110			.787	.984	.669			
	25	2.8	8	570C-TLER-25-2	25	25.0	17.0	0.07	TLG-2125L	
		.110			.984	.984	.669			
3	32	4.8	1	570C-TLER/L-32-3	32	34.0	22.0	0.14	TLG-3189R	
		.189			1.260	1.339	.866			
	40	4.8	1	570C-TLER-40-3	40	40.0	28.0	0.24	TLG-3189L	
		.189			1.575	1.575	1.102			
4	40	6.4	1	570C-TLER-40-4	40	40.0	28.0	0.25	TLG-4250L	
		.250			1.575	1.575	1.102			

SSC = To correspond with SSC on insert. R = Right hand, L = Left hand

	Spare parts
	Clamp
570C-TLER-20-2	C2L
570C-TLER-25-2	C2L
570C-TLER-32-3	C3L
570C-TLER-32-3	C3R
570C-TLER-40-3	C4L
570C-TLER-40-4	C4L

For the complete list of spare parts, visit www.sandvik.coromant.com

CoroTurn® XS

Internal turning, face grooving, and threading of small components

Application

- Internal turning
- Copying
- Back boring
- Profiling
- Grooving
- Face grooving
- Pre-parting
- Threading

ISO application area:



Benefits and features

- Optimized for machining small, high-quality features
- High precision and repeatability
- Reliable and easy-to-use clamping system
- Precision-ground tools for high repeatability
- Longer tool life by minimized micro-vibrations with cylindrical carbide shank adapters
- Clamping nut ensures easy change of cutting tool with cylindrical carbide shank adapters



www.sandvik.coromant.com/coroturnxs

Internal coolant

- The adapters are designed with internal precision coolant supply.
- Selectable coolant direction for better chip evacuation and safe machining.



Locking precision

Precise location into the boring bar due to a locating pin.



Inserts

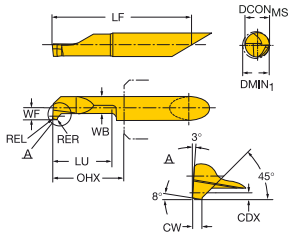
Turning	Back boring	Pre-parting	Grooving	Face grooving	Profiling	Threading
A340	A339	B164	B165	B170	B172	C81

Adapters

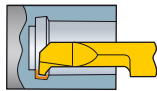
Coromant Capto®	Rectangular shank	Cylindrical shank with flat
F30	F42	F51

CoroTurn® XS solid-carbide tool for pre-parting

B



C



											P	M	N	S	O	Dimensions, mm, inch			
											1025	1025	1025	1025	1025				
CZC _{MS}	CW	KCHL	KCHR	CHWL	CHWR	CDX	DMIN ₁	LU	OHX	Ordering code						DCON _{MS}	WB	LF	WF
5	1.00	45°	45°	0.04	0.04	0.7	5.2	15.0	18.0	CXS-05GX100-5215R/L	★	★	★	★	★	5	3.8	37.3	2.5
	.039			.002	.002	.028	.205	.591	.709							.197	.148	1.467	.096
5	1.00	45°	45°	0.04	0.04	0.7	5.2	20.0	23.0	CXS-05GX100-5220R	★	★	★	★	★	5	3.8	42.3	2.5
	.039			.002	.002	.028	.205	.787	.906							.197	.148	1.663	.096
5	1.00	45°	45°	0.04	0.04	0.7	5.2	25.0	28.0	CXS-05GX100-5225R/L	★	★	★	★	★	5	3.8	47.3	2.5
	.039			.002	.002	.028	.205	.984	1.102							.197	.148	1.860	.096
5	1.00	45°	45°	0.04	0.04	0.7	5.2	30.0	33.0	CXS-05GX100-5230R	★	★	★	★	★	5	3.8	52.3	2.5
	.039			.002	.002	.028	.205	1.181	1.299							.197	.148	2.057	.096

D

CZC_{MS} to correspond with CZC_{WS} on adapter. R = Right hand, L = Left hand

Tolerances:
CXS-xxGX CWTOLL CWTOLU
 0.000 0.050

E

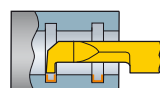
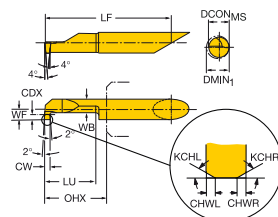
F

G

H



CoroTurn® XS solid-carbide tool for grooving



	CZC _{MS}	CW	KCHL	KCHR	CHWL	CHWR	CDX	DMIN ₁	LU	OHX	Ordering code	P	M	N	S	H	O	Dimensions, mm, inch		
												1025	1025	1025	1025	7015	1025	WB	LF	WF
	4	0.50	45°	45°	0.04	0.04	0.4	2.0	9.0	12.0	CXS-04G050-2009L	*	*	*	*	*	*	1.2	26.3	2.0
		.020			.002	.002	.016	.079	.354	.472								.045	1.033	.077
	4	0.50	45°	45°	0.04	0.04	0.4	2.0	12.0	15.0	CXS-04G050-2012R/L	*	*	*	*	*	*	1.2	29.3	2.0
		.020			.002	.002	.016	.079	.472	.591								.045	1.152	.077
	4	0.70	45°	45°	0.04	0.04	0.6	3.0	16.0	19.0	CXS-04G070-3016R/L	*	*	*	*	*	*	2.0	33.3	2.0
		.028			.002	.002	.024	.118	.630	.748								.077	1.309	.077
	4	0.78	45°	45°	0.04	0.04	0.8	4.2	10.0	13.0	CXS-04G078-4210R	*	*	*	*	*	*	3.0	27.3	2.0
		.031			.002	.002	.031	.165	.394	.512								.116	1.073	.077
	4	0.78	45°	45°	0.04	0.04	0.8	4.2	15.0	18.0	CXS-04G078-4215R/L	*	*	*	*	*	*	3.0	32.3	2.0
		.031			.002	.002	.031	.165	.591	.709								.116	1.270	.077
	4	0.78	45°	45°	0.04	0.04	0.8	4.2	20.0	23.0	CXS-04G078-4220R	*	*	*	*	*	*	3.0	37.3	2.0
		.031			.002	.002	.031	.165	.787	.906								.116	1.467	.077
	4	0.78	45°	45°	0.04	0.04	0.8	4.2	25.0	28.0	CXS-04G078-4225R/L	*	*	*	*	*	*	3.0	42.3	2.0
		.031			.002	.002	.031	.165	.984	1.102								.116	1.663	.077
	4	1.00	45°	45°	0.04	0.04	0.8	4.2	10.0	13.0	CXS-04G100-4210R/L	*	*	*	*	*	*	3.0	27.3	2.0
		.039			.002	.002	.031	.165	.394	.512								.116	1.073	.077
	4	1.00	45°	45°	0.04	0.04	0.8	4.2	15.0	18.0	CXS-04G100-4215R/L	*	*	*	*	*	*	3.0	32.3	2.0
		.039			.002	.002	.031	.165	.591	.709								.116	1.270	.077
	4	1.00	45°	45°	0.04	0.04	0.8	4.2	20.0	23.0	CXS-04G100-4220R/L	*	*	*	*	*	*	3.0	37.3	2.0
		.039			.002	.002	.031	.165	.787	.906								.116	1.467	.077
	5	0.78	45°	45°	0.04	0.04	1.0	5.2	10.0	13.0	CXS-05G078-5210R	*	*	*	*	*	*	3.8	32.3	2.5
		.031			.002	.002	.039	.205	.394	.512								.148	1.270	.096
	5	0.78	45°	45°	0.04	0.04	1.0	5.2	15.0	18.0	CXS-05G078-5215R	*	*	*	*	*	*	3.8	37.3	2.5
		.031			.002	.002	.039	.205	.591	.709								.148	1.467	.096
	5	0.78	45°	45°	0.04	0.04	1.0	5.2	20.0	23.0	CXS-05G078-5220R/L	*	*	*	*	*	*	3.8	42.3	2.5
		.031			.002	.002	.039	.205	.787	.906								.148	1.663	.096
	5	0.78	45°	45°	0.04	0.04	1.0	5.2	25.0	28.0	CXS-05G078-5225L	*	*	*	*	*	*	3.8	47.3	2.5
		.031			.002	.002	.039	.205	.984	1.102								.148	1.860	.096
	5	0.78	45°	45°	0.04	0.04	1.0	5.2	30.0	33.0	CXS-05G078-5230R	*	*	*	*	*	*	3.8	52.3	2.5
		.031			.002	.002	.039	.205	1.181	1.299								.148	2.057	.096
	5	0.78	45°	45°	0.04	0.04	1.0	5.2	35.0	38.0	CXS-05G078-5235R	*	*	*	*	*	*	3.8	57.3	2.5
		.031			.002	.002	.039	.205	1.378	1.496								.148	2.254	.096
	5	1.00	45°	45°	0.04	0.04	1.0	5.2	10.0	13.0	CXS-05G100-5210R	*	*	*	*	*	*	3.8	32.3	2.5
		.039			.002	.002	.039	.205	.394	.512								.148	1.270	.096
	5	1.00	45°	45°	0.04	0.04	1.0	5.2	20.0	23.0	CXS-05G100-5220R/L	*	*	*	*	*	*	3.8	42.3	2.5
		.039			.002	.002	.039	.205	.787	.906								.148	1.663	.096
	5	1.00	45°	45°	0.04	0.04	1.0	5.2	30.0	33.0	CXS-05G100-5230R	*	*	*	*	*	*	3.8	52.3	2.5
		.039			.002	.002	.039	.205	1.181	1.299								.148	2.057	.096
	5	1.00	45°	45°	0.04	0.04	1.0	5.2	35.0	38.0	CXS-05G100-5235R/L	*	*	*	*	*	*	3.8	57.3	2.5
		.039			.002	.002	.039	.205	1.378	1.496								.148	2.254	.096
	5	1.17	45°	45°	0.04	0.04	1.0	5.2	10.0	13.0	CXS-05G117-5210R	*	*	*	*	*	*	3.8	32.3	2.5
		.046			.002	.002	.039	.205	.394	.512								.148	1.270	.096
	5	1.17	45°	45°	0.04	0.04	1.0	5.2	15.0	18.0	CXS-05G117-5215L	*	*	*	*	*	*	3.8	37.3	2.5
		.046			.002	.002	.039	.205	.591	.709								.148	1.467	.096
	5	1.17	45°	45°	0.04	0.04	1.0	5.2	20.0	23.0	CXS-05G117-5220R	*	*	*	*	*	*	3.8	42.3	2.5
		.046			.002	.002	.039	.205	.787	.906								.148	1.663	.096
	5	1.17	45°	45°	0.04	0.04	1.0	5.2	30.0	33.0	CXS-05G117-5230L	*	*	*	*	*	*	3.8	52.3	2.5
		.046			.002	.002	.039	.205	1.181	1.299								.148	2.057	.096
	5	1.17	45°	45°	0.04	0.04	1.0	5.2	35.0	38.0	CXS-05G117-5235R	*	*	*	*	*	*	3.8	57.3	2.5
		.046			.002	.002	.039	.205	1.378	1.496								.148	2.254	.096
	5	1.50	45°	45°	0.04	0.04	1.0	5.2	10.0	13.0	CXS-05G150-5210R	*	*	*	*	*	*	3.8	32.3	2.5
		.059			.002	.002	.039	.205	.394	.512								.148	1.270	.096
	5	1.50	45°	45°	0.04	0.04	1.0	5.2	15.0	18.0	CXS-05G150-5215R/L	*	*	*	*	*	*	3.8	37.3	2.5
		.059			.002	.002	.039	.205	.591	.709								.148	1.467	.096
	5	1.50	45°	45°	0.04	0.04	1.0	5.2	20.0	23.0	CXS-05G150-5220R	*	*	*	*	*	*	3.8	42.3	2.5
		.059			.002	.002	.039	.205	.787	.906								.148	1.663	.096

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand



F2



B189



B202

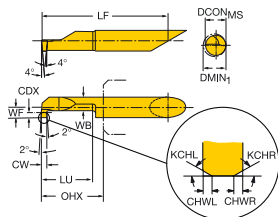


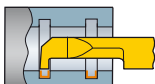
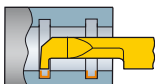
H37



H22

CoroTurn® XS solid-carbide tool for grooving



												P	M	N	S	H	O	Dimensions, mm, inch		
	CZC _{MS}	CW	KCHL	KCHR	CHWL	CHWR	CDX	DMIN ₁	LU	OHX	Ordering code	1025	1025	1025	1025	7015	1025	WB	LF	WF
	5	1.50	45°	45°	0.04	0.04	1.0	5.2	25.0	28.0	CXS-05G150-5225L	★	★	★	★		★	3.8	47.3	2.5
		.059			.002	.002	.039	.205	.984	1.102								.148	1.860	.096
	5	1.50	45°	45°	0.04	0.04	1.0	5.2	30.0	33.0	CXS-05G150-5230R	★	★	★	★		★	3.8	52.3	2.5
		.059			.002	.002	.039	.205	1.181	1.299								.148	2.057	.096
	5	1.00	45°	45°	0.04	0.04	1.0	5.2	35.0	38.0	CXS-05G150-5235R	★	★	★	★		★	3.8	57.3	2.5
		.039			.002	.002	.039	.205	1.378	1.496								.148	2.254	.096
	5	1.57	45°	45°	0.04	0.04	1.0	5.2	15.0	18.0	CXS-05G157-5215R	★	★	★	★		★	3.8	37.3	2.5
		.062			.002	.002	.039	.205	.591	.709								.148	1.467	.096
	5	1.57	45°	45°	0.04	0.04	1.0	5.2	20.0	23.0	CXS-05G157-5220R/L	★	★	★	★		★	3.8	42.3	2.5
		.062			.002	.002	.039	.205	.787	.906								.148	1.663	.096
	5	1.57	45°	45°	0.04	0.04	1.0	5.2	25.0	28.0	CXS-05G157-5225L	★	★	★	★		★	3.8	47.3	2.5
		.062			.002	.002	.039	.205	.984	1.102								.148	1.860	.096
	5	1.57	45°	45°	0.04	0.04	1.0	5.2	30.0	33.0	CXS-05G157-5230R	★	★	★	★		★	3.8	52.3	2.5
		.062			.002	.002	.039	.205	1.181	1.299								.148	2.057	.096
	5	1.57	45°	45°	0.04	0.04	1.0	5.2	10.0	13.0	CXS-05G198-5210L	★	★	★	★		★	3.8	32.3	2.5
		.062			.002	.002	.039	.205	.394	.512								.148	1.270	.096
	5	1.98	45°	45°	0.04	0.04	1.0	5.2	15.0	18.0	CXS-05G198-5215R/L	★	★	★	★		★	3.8	37.3	2.5
		.078			.002	.002	.039	.205	.591	.709								.148	1.467	.096
	5	1.98	45°	45°	0.04	0.04	1.0	5.2	25.0	28.0	CXS-05G198-5225R/L	★	★	★	★		★	3.8	47.3	2.5
		.078			.002	.002	.039	.205	.984	1.102								.148	1.860	.096
	5	1.98	45°	45°	0.04	0.04	1.0	5.2	30.0	33.0	CXS-05G198-5230R	★	★	★	★		★	3.8	52.3	2.5
		.078			.002	.002	.039	.205	1.181	1.299								.148	2.057	.096
	5	2.00	45°	45°	0.04	0.04	1.0	5.2	10.0	13.0	CXS-05G200-5210R	★	★	★	★		★	3.8	32.3	2.5
		.079			.002	.002	.039	.205	.394	.512								.148	1.270	.096
	5	2.00	45°	45°	0.04	0.04	1.0	5.2	20.0	23.0	CXS-05G200-5220R/L	★	★	★	★		★	3.8	42.3	2.5
		.079			.002	.002	.039	.205	.787	.906								.148	1.663	.096
	5	2.00	45°	45°	0.04	0.04	1.0	5.2	30.0	33.0	CXS-05G200-5230R	★	★	★	★		★	3.8	52.3	2.5
		.079			.002	.002	.039	.205	1.181	1.299								.148	2.057	.096
	6	0.78	45°	45°	0.04	0.04	1.8	6.2	10.0	13.0	CXS-06G078-6210R	★	★	★	★		★	4.0	32.3	3.0
		.031			.002	.002	.071	.244	.394	.512								.156	1.270	.116
6	0.78	45°	45°	0.04	0.04	1.8	6.2	15.0	18.0	CXS-06G078-6215R/L	★	★	★	★		★	4.0	37.3	3.0	
	.031			.002	.002	.071	.244	.591	.709								.156	1.467	.116	
6	0.78	45°	45°	0.04	0.04	1.8	6.2	25.0	28.0	CXS-06G078-6225R	★	★	★	★		★	4.0	47.3	3.0	
	.031			.002	.002	.071	.244	.984	1.102								.156	1.860	.116	
6	0.78	45°	45°	0.04	0.04	1.8	6.2	30.0	33.0	CXS-06G078-6230L	★	★	★	★		★	4.0	52.3	3.0	
	.031			.002	.002	.071	.244	1.181	1.299								.156	2.057	.116	
6	0.78	45°	45°	0.04	0.04	1.8	6.2	35.0	38.0	CXS-06G078-6235R/L	★	★	★	★		★	4.0	57.3	3.0	
	.031			.002	.002	.071	.244	1.378	1.496								.156	2.254	.116	
6	1.00	45°	45°	0.04	0.04	1.8	6.2	10.0	13.0	CXS-06G100-6210R	★	★	★	★		★	4.0	32.3	3.0	
	.039			.002	.002	.071	.244	.394	.512								.156	1.270	.116	
6	1.00	45°	45°	0.04	0.04	1.8	6.2	15.0	18.0	CXS-06G100-6215L	★	★	★	★		★	4.0	37.3	3.0	
	.039			.002	.002	.071	.244	.591	.709								.156	1.467	.116	
6	1.00	45°	45°	0.04	0.04	1.8	6.2	15.0	18.0	CXS-06G100-6215R	★	★	★	★	★	★	4.0	37.3	3.0	
	.039			.002	.002	.071	.244	.591	.709								.156	1.467	.116	

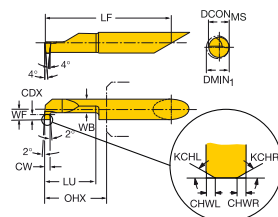
R = Right hand, L = Left hand

Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
CXS-xxG	0.00	0.05	.0000	.0020	0.00	0.02	.0000	.0008



CoroTurn® XS solid-carbide tool for grooving



B

											Ordering code	P	M	N	S	H	O	Dimensions, mm, inch		
	CZC _{MS}	CW	KCHL	KCHR	CHWL	CHWR	CDX	DMIN ₁	LU	OHX		1025	1025	1025	1025	7015	1025	WB	LF	WF
	6	1.00	45°	45°	0.04	0.04	1.8	6.2	25.0	28.0	CXS-06G100-6225R/L	*	*	*	*	*	*	4.0	47.3	3.0
		.039			.002	.002	.071	.244	.984	1.102								.156	1.860	.116
	6	1.00	45°	45°	0.04	0.04	1.8	6.2	35.0	38.0	CXS-06G100-6235R	*	*	*	*	*	*	4.0	57.3	3.0
		.039			.002	.002	.071	.244	1.378	1.496								.156	2.254	.116
	6	1.00	45°	45°	0.04	0.04	1.8	6.2	40.0	43.0	CXS-06G100-6240R	*	*	*	*	*	*	4.0	62.3	3.0
		.039			.002	.002	.071	.244	1.575	1.693								.156	2.451	.116
	6	1.17	45°	45°	0.04	0.04	1.8	6.2	10.0	13.0	CXS-06G117-6210R	*	*	*	*	*	*	4.0	32.3	3.0
		.046			.002	.002	.071	.244	.394	.512								.156	1.270	.116
	6	1.17	45°	45°	0.04	0.04	1.8	6.2	15.0	18.0	CXS-06G117-6215R	*	*	*	*	*	*	4.0	37.3	3.0
		.046			.002	.002	.071	.244	.591	.709								.156	1.467	.116
	6	1.17	45°	45°	0.04	0.04	1.8	6.2	20.0	23.0	CXS-06G117-6220R	*	*	*	*	*	*	4.0	42.3	3.0
		.046			.002	.002	.071	.244	.787	.906								.156	1.663	.116
	6	1.17	45°	45°	0.04	0.04	1.8	6.2	25.0	28.0	CXS-06G117-6225R/L	*	*	*	*	*	*	4.0	47.3	3.0
		.046			.002	.002	.071	.244	.984	1.102								.156	1.860	.116
	6	1.17	45°	45°	0.04	0.04	1.8	6.2	30.0	33.0	CXS-06G117-6230R	*	*	*	*	*	*	4.0	52.3	3.0
		.046			.002	.002	.071	.244	1.181	1.299								.156	2.057	.116
	6	1.17	45°	45°	0.04	0.04	1.8	6.2	40.0	43.0	CXS-06G117-6240R/L	*	*	*	*	*	*	4.0	62.3	3.0
		.046			.002	.002	.071	.244	1.575	1.693								.156	2.451	.116
	6	1.50	45°	45°	0.04	0.04	1.8	6.2	10.0	13.0	CXS-06G150-6210R	*	*	*	*	*	*	4.0	32.3	3.0
		.059			.002	.002	.071	.244	.394	.512								.156	1.270	.116
	6	1.50	45°	45°	0.04	0.04	1.8	6.2	15.0	18.0	CXS-06G150-6215L	*	*	*	*	*	*	4.0	37.3	3.0
		.059			.002	.002	.071	.244	.591	.709								.156	1.467	.116
	6	1.50	45°	45°	0.04	0.04	1.8	6.2	15.0	18.0	CXS-06G150-6215R	*	*	*	*	*	*	4.0	37.3	3.0
		.059			.002	.002	.071	.244	.591	.709								.156	1.467	.116
	6	1.50	45°	45°	0.04	0.04	1.8	6.2	25.0	28.0	CXS-06G150-6225R/L	*	*	*	*	*	*	4.0	47.3	3.0
		.059			.002	.002	.071	.244	.984	1.102								.156	1.860	.116
	6	1.50	45°	45°	0.04	0.04	1.8	6.2	30.0	33.0	CXS-06G150-6230R	*	*	*	*	*	*	4.0	52.3	3.0
		.059			.002	.002	.071	.244	1.181	1.299								.156	2.057	.116
	6	1.50	45°	45°	0.04	0.04	1.8	6.2	35.0	38.0	CXS-06G150-6235R/L	*	*	*	*	*	*	4.0	57.3	3.0
		.059			.002	.002	.071	.244	1.378	1.496								.156	2.254	.116
	6	1.57	45°	45°	0.04	0.04	1.8	6.2	10.0	13.0	CXS-06G157-6210R	*	*	*	*	*	*	4.0	32.3	3.0
		.062			.002	.002	.071	.244	.394	.512								.156	1.270	.116
	6	1.57	45°	45°	0.04	0.04	1.8	6.2	15.0	18.0	CXS-06G157-6215R/L	*	*	*	*	*	*	4.0	37.3	3.0
		.062			.002	.002	.071	.244	.591	.709								.156	1.467	.116
	6	1.57	45°	45°	0.04	0.04	1.8	6.2	25.0	28.0	CXS-06G157-6225R	*	*	*	*	*	*	4.0	47.3	3.0
		.062			.002	.002	.071	.244	.984	1.102								.156	1.860	.116
	6	1.57	45°	45°	0.04	0.04	1.8	6.2	30.0	33.0	CXS-06G157-6230L	*	*	*	*	*	*	4.0	52.3	3.0
		.062			.002	.002	.071	.244	1.181	1.299								.156	2.057	.116
	6	1.57	45°	45°	0.04	0.04	1.8	6.2	35.0	38.0	CXS-06G157-6235R/L	*	*	*	*	*	*	4.0	57.3	3.0
		.062			.002	.002	.071	.244	1.378	1.496								.156	2.254	.116
	6	1.98	45°	45°	0.04	0.04	1.8	6.2	10.0	13.0	CXS-06G198-6210R	*	*	*	*	*	*	4.0	32.3	3.0
		.078			.002	.002	.071	.244	.394	.512								.156	1.270	.116
	6	1.98	45°	45°	0.04	0.04	1.8	6.2	15.0	18.0	CXS-06G198-6215R	*	*	*	*	*	*	4.0	37.3	3.0
		.078			.002	.002	.071	.244	.591	.709								.156	1.467	.116
	6	1.98	45°	45°	0.04	0.04	1.8	6.2	25.0	28.0	CXS-06G198-6225R	*	*	*	*	*	*	4.0	47.3	3.0
		.078			.002	.002	.071	.244	.984	1.102								.156	1.860	.116
	6	1.98	45°	45°	0.04	0.04	1.8	6.2	35.0	38.0	CXS-06G198-6235R/L	*	*	*	*	*	*	4.0	57.3	3.0
		.078			.002	.002	.071	.244	1.378	1.496								.156	2.254	.116
	6	2.00	45°	45°	0.04	0.04	1.8	6.2	10.0	13.0	CXS-06G200-6210R	*	*	*	*	*	*	4.0	32.3	3.0
		.079			.002	.002	.071	.244	.394	.512								.156	1.270	.116
	6	2.00	45°	45°	0.04	0.04	1.8	6.2	15.0	18.0	CXS-06G200-6215R/L	*	*	*	*	*	*	4.0	37.3	3.0
		.079			.002	.002	.071	.244	.591	.709								.156	1.467	.116
	6	2.00	45°	45°	0.04	0.04	1.8	6.2	25.0	28.0	CXS-06G200-6225R/L	*	*	*	*	*	*	4.0	47.3	3.0
		.079			.002	.002	.071	.244	.984	1.102								.156	1.860	.116
	6	2.00	45°	45°	0.04	0.04	1.8	6.2	30.0	33.0	CXS-06G200-6230R/L	*	*	*	*	*	*	4.0	52.3	3.0
		.079			.002	.002	.071	.244	1.181	1.299								.156	2.057	.116

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand

F

G

H



F2



B189



B202

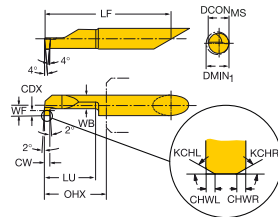


H37



H22

CoroTurn® XS solid-carbide tool for grooving



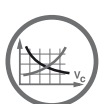
	CZC _{MS}	CW	KCHL	KCHR	CHWL	CHWR	CDX	DMIN ₁	LU	OHX	Ordering code	P	M	N	S	H	O	Dimensions, mm, inch		
												1025	1025	1025	1025	7015	1025	WB	LF	WF
	7	0.78	45°	45°	0.04	0.04	2.5	7.2	10.0	13.0	CXS-07G078-7210R	*	*	*	*	*	*	4.3	32.3	3.5
		.031			.002	.002	.098	.283	.394	.512								.167	1.270	.136
	7	0.78	45°	45°	0.04	0.04	2.5	7.2	15.0	18.0	CXS-07G078-7215R/L	*	*	*	*	*	*	4.3	37.3	3.5
		.031			.002	.002	.098	.283	.591	.709								.167	1.467	.136
	7	0.78	45°	45°	0.04	0.04	2.5	7.2	25.0	28.0	CXS-07G078-7225R	*	*	*	*	*	*	4.3	47.3	3.5
		.031			.002	.002	.098	.283	.984	1.102								.167	1.860	.136
	7	0.78	45°	45°	0.04	0.04	2.5	7.2	30.0	33.0	CXS-07G078-7230R/L	*	*	*	*	*	*	4.3	52.3	3.5
		.031			.002	.002	.098	.283	1.181	1.299								.167	2.057	.136
	7	0.78	45°	45°	0.04	0.04	2.5	7.2	35.0	38.0	CXS-07G078-7235R/L	*	*	*	*	*	*	4.3	57.3	3.5
		.031			.002	.002	.098	.283	1.378	1.496								.167	2.254	.136
	7	0.78	45°	45°	0.04	0.04	2.5	7.2	40.0	43.0	CXS-07G078-7240R	*	*	*	*	*	*	4.3	62.3	3.5
		.031			.002	.002	.098	.283	1.575	1.693								.167	2.451	.136
	7	1.00	45°	45°	0.04	0.04	2.5	7.2	10.0	13.0	CXS-07G100-7210R	*	*	*	*	*	*	4.3	32.3	3.5
		.039			.002	.002	.098	.283	.394	.512								.167	1.270	.136
	7	1.00	45°	45°	0.04	0.04	2.5	7.2	15.0	18.0	CXS-07G100-7215R/L	*	*	*	*	*	*	4.3	37.3	3.5
		.039			.002	.002	.098	.283	.591	.709								.167	1.467	.136
	7	1.00	45°	45°	0.04	0.04	2.5	7.2	25.0	28.0	CXS-07G100-7225R/L	*	*	*	*	*	*	4.3	47.3	3.5
		.039			.002	.002	.098	.283	.984	1.102								.167	1.860	.136
	7	1.00	45°	45°	0.04	0.04	2.5	7.2	30.0	33.0	CXS-07G100-7230R/L	*	*	*	*	*	*	4.3	52.3	3.5
		.039			.002	.002	.098	.283	1.181	1.299								.167	2.057	.136
	7	1.00	45°	45°	0.04	0.04	2.5	7.2	35.0	38.0	CXS-07G100-7235R	*	*	*	*	*	*	4.3	57.3	3.5
		.039			.002	.002	.098	.283	1.378	1.496								.167	2.254	.136
	7	1.17	45°	45°	0.04	0.04	2.5	7.2	40.0	43.0	CXS-07G100-7240R	*	*	*	*	*	*	4.3	62.3	3.5
		.046			.002	.002	.098	.283	1.575	1.693								.167	2.451	.136
	7	1.17	45°	45°	0.04	0.04	2.5	7.2	10.0	13.0	CXS-07G117-7210R	*	*	*	*	*	*	4.3	32.3	3.5
		.046			.002	.002	.098	.283	.394	.512								.167	1.270	.136
	7	1.17	45°	45°	0.04	0.04	2.5	7.2	15.0	18.0	CXS-07G117-7215R	*	*	*	*	*	*	4.3	37.3	3.5
		.046			.002	.002	.098	.283	.591	.709								.167	1.467	.136
	7	1.17	45°	45°	0.04	0.04	2.5	7.2	25.0	28.0	CXS-07G117-7225R	*	*	*	*	*	*	4.3	47.3	3.5
		.046			.002	.002	.098	.283	.984	1.102								.167	1.860	.136
	7	1.17	45°	45°	0.04	0.04	2.5	7.2	30.0	33.0	CXS-07G117-7230R	*	*	*	*	*	*	4.3	52.3	3.5
		.046			.002	.002	.098	.283	1.181	1.299								.167	2.057	.136
	7	1.17	45°	45°	0.04	0.04	2.5	7.2	35.0	38.0	CXS-07G117-7235R	*	*	*	*	*	*	4.3	57.3	3.5
		.046			.002	.002	.098	.283	1.378	1.496								.167	2.254	.136
	7	1.17	45°	45°	0.04	0.04	2.5	7.2	40.0	43.0	CXS-07G117-7240R/L	*	*	*	*	*	*	4.3	62.3	3.5
		.046			.002	.002	.098	.283	1.575	1.693								.167	2.451	.136
	7	1.50	45°	45°	0.04	0.04	2.5	7.2	10.0	13.0	CXS-07G150-7210R	*	*	*	*	*	*	4.3	32.3	3.5
		.059			.002	.002	.098	.283	.394	.512								.167	1.270	.136
	7	1.50	45°	45°	0.04	0.04	2.5	7.2	15.0	18.0	CXS-07G150-7215R/L	*	*	*	*	*	*	4.3	37.3	3.5
		.059			.002	.002	.098	.283	.591	.709								.167	1.467	.136
	7	1.50	45°	45°	0.04	0.04	2.5	7.2	25.0	28.0	CXS-07G150-7225R/L	*	*	*	*	*	*	4.3	47.3	3.5
		.059			.002	.002	.098	.283	.984	1.102								.167	1.860	.136
	7	1.50	45°	45°	0.04	0.04	2.5	7.2	35.0	38.0	CXS-07G150-7235R	*	*	*	*	*	*	4.3	57.3	3.5
		.059			.002	.002	.098	.283	1.378	1.496								.167	2.254	.136
	7	1.50	45°	45°	0.04	0.04	2.5	7.2	40.0	43.0	CXS-07G150-7240R/L	*	*	*	*	*	*	4.3	62.3	3.5
		.059			.002	.002	.098	.283	1.575	1.693								.167	2.451	.136
	7	1.57	45°	45°	0.04	0.04	2.5	7.2	10.0	13.0	CXS-07G157-7210R	*	*	*	*	*	*	4.3	32.3	3.5
		.062			.002	.002	.098	.283	.394	.512								.167	1.270	.136
	7	1.57	45°	45°	0.04	0.04	2.5	7.2	15.0	18.0	CXS-07G157-7215R/L	*	*	*	*	*	*	4.3	37.3	3.5
		.062			.002	.002	.098	.283	.591	.709								.167	1.467	.136
	7	1.57	45°	45°	0.04	0.04	2.5	7.2	20.0	23.0	CXS-07G157-7220L	*	*	*	*	*	*	4.3	42.3	3.5
		.062			.002	.002	.098	.283	.787	.906								.167	1.663	.136
	7	1.57	45°	45°	0.04	0.04	2.5	7.2	25.0	28.0	CXS-07G157-7225R	*	*	*	*	*	*	4.3	47.3	3.5
		.062			.002	.002	.098	.283	.984	1.102								.167	1.860	.136
	7	1.57	45°	45°	0.04	0.04	2.5	7.2	35.0	38.0	CXS-07G157-7235R/L	*	*	*	*	*	*	4.3	57.3	3.5
		.062			.002	.002	.098	.283	1.378	1.496								.167	2.254	.136

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand



F2



B189



B202

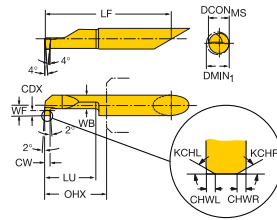


H37



H22

CoroTurn® XS solid-carbide tool for grooving



B

	CZC _{MS}	CW	KCHL	KCHR	CHWL	CHWR	CDX	DMIN ₁	LU	OHX	Ordering code	P	M	N	S	H	O	Dimensions, mm, inch		
												1025	1025	1025	1025	7015	1025	WB	LF	WF
												★	★	★	★	★	★			
	7	1.57	45°	45°	0.04	0.04	2.5	7.2	40.0	43.0	CXS-07G157-7240L	★	★	★	★	★	★	4.3	62.3	3.5
		.062			.002	.002	.098	.283	1.575	1.693								.167	2.451	.136
	7	1.98	45°	45°	0.04	0.04	2.5	7.2	10.0	13.0	CXS-07G198-7210R	★	★	★	★	★	★	4.3	32.3	3.5
		.078			.002	.002	.098	.283	.394	.512								.167	1.270	.136
	7	1.98	45°	45°	0.04	0.04	2.5	7.2	15.0	18.0	CXS-07G198-7215R/L	★	★	★	★	★	★	4.3	37.3	3.5
		.078			.002	.002	.098	.283	.591	.709								.167	1.467	.136
	7	1.98	45°	45°	0.04	0.04	2.5	7.2	30.0	33.0	CXS-07G198-7230L	★	★	★	★	★	★	4.3	52.3	3.5
		.078			.002	.002	.098	.283	1.181	1.299								.167	2.057	.136
	7	1.98	45°	45°	0.04	0.04	2.5	7.2	35.0	38.0	CXS-07G198-7235R/L	★	★	★	★	★	★	4.3	57.3	3.5
		.078			.002	.002	.098	.283	1.378	1.496								.167	2.254	.136
	7	2.00	45°	45°	0.04	0.04	2.5	7.2	10.0	13.0	CXS-07G200-7210R	★	★	★	★	★	★	4.3	32.3	3.5
		.079			.002	.002	.098	.283	.394	.512								.167	1.270	.136
	7	2.00	45°	45°	0.04	0.04	2.5	7.2	15.0	18.0	CXS-07G200-7215R/L	★	★	★	★	★	★	4.3	37.3	3.5
		.079			.002	.002	.098	.283	.591	.709								.167	1.467	.136
	7	2.00	45°	45°	0.04	0.04	2.5	7.2	20.0	23.0	CXS-07G200-7220R	★	★	★	★	★	★	4.3	42.3	3.5
		.079			.002	.002	.098	.283	.787	.906								.167	1.663	.136
	7	2.00	45°	45°	0.04	0.04	2.5	7.2	25.0	28.0	CXS-07G200-7225R/L	★	★	★	★	★	★	4.3	47.3	3.5
		.079			.002	.002	.098	.283	.984	1.102								.167	1.860	.136
	7	2.00	45°	45°	0.04	0.04	2.5	7.2	35.0	38.0	CXS-07G200-7235R/L	★	★	★	★	★	★	4.3	57.3	3.5
		.079			.002	.002	.098	.283	1.378	1.496								.167	2.254	.136

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand

D

Tolerances:

	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
CXS-xxG	0.00	0.05	.0000	.0020	0.00	0.02	.0000	.0008

E

F



F2



B189



B202



H37



H22

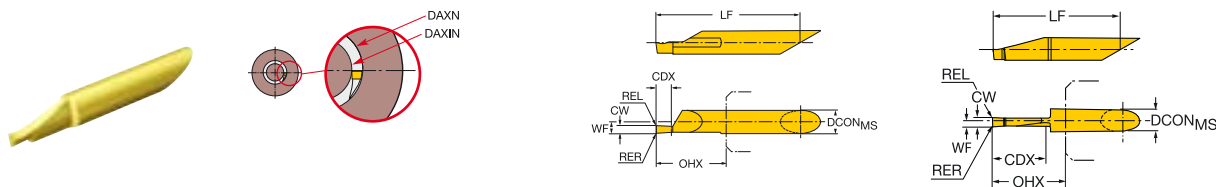
H

CoroTurn® XS solid-carbide tool for face grooving

A curve

DSGN 1

2



	CZC _{MS}	CW	REL	RER	CDX	DAXIN	OHX	DSGN	Ordering code	P	M	N	S	O	Dimensions, mm, inch		
										1025	1025	1025	1025	1025	DCON _{MS}	LF	WF
	6	1.00	0.15	0.15	2.0	4.2	18.0	1	CXS-06F100-6215AR/L	*	*	*	*	*	6	37.3	3.0
		.039	.006	.006	.079	.165	.709								.236	1.469	.116
	6	1.50	0.15	0.15	3.0	3.2	18.0	1	CXS-06F150-6215AR/L	*	*	*	*	*	6	37.3	3.0
		.059	.006	.006	.118	.126	.709								.236	1.469	.116
	6	2.00	0.15	0.15	4.0	2.2	18.0	1	CXS-06F200-6215AR/L	*	*	*	*	*	6	37.3	3.0
		.079	.006	.006	.157	.087	.709								.236	1.469	.116
	6	2.50	0.15	0.15	5.0	1.2	18.0	1	CXS-06F250-6215AR/L	*	*	*	*	*	6	37.3	3.0
		.098	.006	.006	.197	.047	.709								.236	1.469	.116
	6	3.00	0.15	0.15	6.0	0.2	18.0	1	CXS-06F300-6215AR/L	*	*	*	*	*	6	37.3	3.0
		.118	.006	.006	.236	.008	.709								.236	1.469	.116
	8	2.00	0.20	0.20	15.0	11.0	20.0	2	CXS-08F200-8015AR/L	*	*	*	*	*	8	44.3	1.6
		.079	.008	.008	.591	.433	.787								.315	1.742	.062
	8	2.50	0.20	0.20	10.0	5.0	15.0	2	CXS-08F250-8010AR/L	*	*	*	*	*	8	39.3	1.8
		.098	.008	.008	.394	.197	.591								.315	1.545	.072
	8	3.00	0.20	0.20	10.0	4.0	15.0	2	CXS-08F300-8010AR/L	*	*	*	*	*	8	39.3	2.1
		.118	.008	.008	.394	.157	.591								.315	1.545	.081
	8	3.00	0.20	0.20	15.0	9.0	20.0	2	CXS-08F300-8015AR/L	*	*	*	*	*	8	44.3	2.1
		.118	.008	.008	.591	.354	.787								.315	1.742	.081
	8	4.00	0.20	0.20	10.0	2.0	15.0	2	CXS-08F400-8010AR/L	*	*	*	*	*	8	39.3	2.5
		.157	.008	.008	.394	.079	.591								.315	1.545	.098
	8	4.00	0.20	0.20	15.0	7.0	20.0	2	CXS-08F400-8015AR/L	*	*	*	*	*	8	44.3	2.5
		.157	.008	.008	.591	.276	.787								.315	1.742	.098
	10	3.00	0.20	0.20	20.0	14.0	28.0	2	CXS-10F300-10020AR/L	*	*	*	*	*	10	52.3	2.1
		.118	.008	.008	.787	.551	1.102								.394	2.057	.081
	10	3.00	0.20	0.20	25.0	19.0	33.0	2	CXS-10F300-10025AR/L	*	*	*	*	*	10	57.3	2.1
		.118	.008	.008	.984	.748	1.299								.394	2.254	.081
	10	3.00	0.20	0.20	30.0	24.0	38.0	2	CXS-10F300-10030AR/L	*	*	*	*	*	10	62.3	2.1
		.118	.008	.008	1.181	.945	1.496								.394	2.451	.081
	10	4.00	0.20	0.20	20.0	12.0	28.0	2	CXS-10F400-10020AR/L	*	*	*	*	*	10	52.3	2.7
		.157	.008	.008	.787	.472	1.102								.394	2.057	.104
	10	4.00	0.20	0.20	25.0	17.0	33.0	2	CXS-10F400-10025AR/L	*	*	*	*	*	10	57.3	2.7
		.157	.008	.008	.984	.669	1.299								.394	2.254	.104
	10	4.00	0.20	0.20	30.0	22.0	38.0	2	CXS-10F400-10030AR/L	*	*	*	*	*	10	62.3	2.7
		.157	.008	.008	1.181	.866	1.496								.394	2.451	.104
	10	5.00	0.20	0.20	20.0	10.0	28.0	2	CXS-10F500-10020AR/L	*	*	*	*	*	10	52.3	3.1
		.197	.008	.008	.787	.394	1.102								.394	2.057	.122
	10	5.00	0.20	0.20	25.0	15.0	33.0	2	CXS-10F500-10025AR/L	*	*	*	*	*	10	57.3	3.1
		.197	.008	.008	.984	.591	1.299								.394	2.254	.122
	10	5.00	0.20	0.20	30.0	20.0	38.0	2	CXS-10F500-10030AR/L	*	*	*	*	*	10	62.3	3.1
		.197	.008	.008	1.181	.787	1.496								.394	2.451	.122

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand

Tolerances:

	CWTOLL	CWTOLU	RETOLL	RETOLU
CXS..F..AR/L (1)	0.000	0.050	-0.02	0.02
CXS..F..AR/L (2)	0.000	0.050	-0.02	0.02



F2



B189



B202



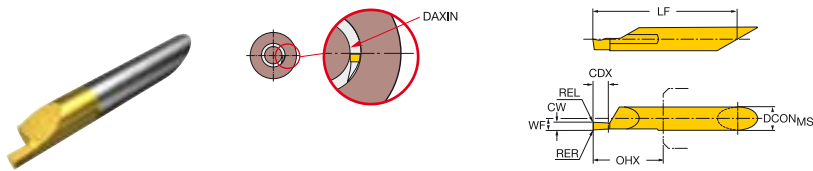
H37



H22

CoroTurn® XS solid-carbide tool for face grooving

B curve



B

	CZC _{MS}	CW	REL	RER	CDX	DAXIN	OHX	Ordering code	P	M	N	S	O	Dimensions, mm, inch		
									1025	1025	1025	1025	1025	DCON _{MS}	LF	WF
	6	1.00	0.15	0.15	2.0	4.2	18.0	CXS-06F100-6215BR/L	★	★	★	★	★	6	37.3	3.0
		.039	.006	.006	.079	.165	.709							.236	1.469	.116
	6	1.50	0.15	0.15	3.0	3.2	18.0	CXS-06F150-6215BR/L	★	★	★	★	★	6	37.3	3.0
		.059	.006	.006	.118	.126	.709							.236	1.469	.116
	6	2.00	0.15	0.15	4.0	2.2	18.0	CXS-06F200-6215BR/L	★	★	★	★	★	6	37.3	3.0
		.079	.006	.006	.157	.087	.709							.236	1.469	.116
	6	2.50	0.15	0.15	5.0	1.2	18.0	CXS-06F250-6215BR/L	★	★	★	★	★	6	37.3	3.0
		.098	.006	.006	.197	.047	.709							.236	1.469	.116
	6	3.00	0.15	0.15	6.0	0.2	18.0	CXS-06F300-6215BR/L	★	★	★	★	★	6	37.3	3.0
		.118	.006	.006	.236	.008	.709							.236	1.469	.116

C

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand

Tolerances:

CXS..F.BR/L	CWTOLL	CWTOLU	RETOLL	RETOLU
	0.000	0.050	-0.02	0.02

D

E

F

G

H



F2



B189



B202

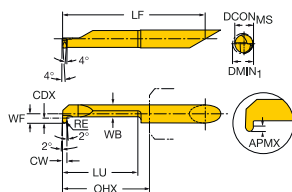


H37



H22

CoroTurn® XS solid-carbide tool for profiling



								P	M	N	S	O	Dimensions, mm, inch				
								1025	1025	1025	1025	1025					
	CZC _{MS}	CW	RE	CDX	DMIN ₁	LU	OHX	Ordering code						DCON _{MS}	WB	LF	WF
	4	1.17	0.58	0.8	4.2	15.0	18.0	CXS-04R058-4215R	★	★	★	★	★	4	3.0	32.3	2.0
		.046	.023	.031	.165	.591	.709							.157	.116	1.270	.077
	4	1.00	0.50	0.8	4.2	15.0	18.0	CXS-04R100-4215R/L	★	★	★	★	★	4	3.0	32.3	2.0
		.039	.020	.031	.165	.591	.709							.157	.116	1.270	.077
	5	1.17	0.58	1.0	5.2	20.0	23.0	CXS-05R058-5220R/L	★	★	★	★	★	5	3.8	42.3	2.5
		.046	.023	.039	.205	.787	.906							.197	.148	1.663	.096
	5	1.63	0.81	1.0	5.2	20.0	23.0	CXS-05R081-5220R	★	★	★	★	★	5	3.8	42.3	2.5
		.064	.032	.039	.205	.787	.906							.197	.148	1.663	.096
	5	1.98	0.99	1.0	5.2	20.0	23.0	CXS-05R099-5220R	★	★	★	★	★	5	3.8	42.3	2.5
		.078	.039	.039	.205	.787	.906							.197	.148	1.663	.096
	5	1.00	0.50	1.0	5.2	20.0	23.0	CXS-05R100-5220R	★	★	★	★	★	5	3.8	42.3	2.5
		.039	.020	.039	.205	.787	.906							.197	.148	1.663	.096
	5	1.50	0.75	1.0	5.2	20.0	23.0	CXS-05R150-5220R	★	★	★	★	★	5	3.8	42.3	2.5
		.059	.030	.039	.205	.787	.906							.197	.148	1.663	.096
	5	2.00	1.00	1.0	5.2	20.0	23.0	CXS-05R200-5220R	★	★	★	★	★	5	3.8	42.3	2.5
		.079	.039	.039	.205	.787	.906							.197	.148	1.663	.096
	6	1.17	0.58	1.8	6.2	25.0	28.0	CXS-06R058-6225R/L	★	★	★	★	★	6	4.0	47.3	3.0
		.046	.023	.071	.244	.984	1.102							.236	.156	1.860	.116
	6	1.63	0.81	1.8	6.2	25.0	28.0	CXS-06R081-6225R	★	★	★	★	★	6	4.0	47.3	3.0
		.064	.032	.071	.244	.984	1.102							.236	.156	1.860	.116
	6	1.98	0.99	1.8	6.2	25.0	28.0	CXS-06R099-6225R	★	★	★	★	★	6	4.0	47.3	3.0
		.078	.039	.071	.244	.984	1.102							.236	.156	1.860	.116
	6	1.00	0.50	1.8	6.2	25.0	28.0	CXS-06R100-6225R/L	★	★	★	★	★	6	4.0	47.3	3.0
		.039	.020	.071	.244	.984	1.102							.236	.156	1.860	.116
6	1.50	0.75	1.8	6.2	25.0	28.0	CXS-06R150-6225R	★	★	★	★	★	6	4.0	47.3	3.0	
	.059	.030	.071	.244	.984	1.102							.236	.156	1.860	.116	
6	2.00	1.00	1.8	6.2	25.0	28.0	CXS-06R200-6225R/L	★	★	★	★	★	6	4.0	47.3	3.0	
	.079	.039	.071	.244	.984	1.102							.236	.156	1.860	.116	
7	1.17	0.58	2.5	7.2	30.0	33.0	CXS-07R058-7230R	★	★	★	★	★	7	4.3	52.3	3.5	
	.046	.023	.098	.283	1.181	1.299							.276	.167	2.057	.136	
7	1.63	0.81	2.5	7.2	30.0	33.0	CXS-07R081-7230R	★	★	★	★	★	7	4.3	52.3	3.5	
	.064	.032	.098	.283	1.181	1.299							.276	.167	2.057	.136	
7	1.98	0.99	2.5	7.2	30.0	33.0	CXS-07R099-7230R	★	★	★	★	★	7	4.3	52.3	3.5	
	.078	.039	.098	.283	1.181	1.299							.276	.167	2.057	.136	
7	1.00	0.50	2.5	7.2	30.0	33.0	CXS-07R100-7230R/L	★	★	★	★	★	7	4.3	52.3	3.5	
	.039	.020	.098	.283	1.181	1.299							.276	.167	2.057	.136	
7	1.50	0.75	2.5	7.2	30.0	33.0	CXS-07R150-7230R	★	★	★	★	★	7	4.3	52.3	3.5	
	.059	.030	.098	.283	1.181	1.299							.276	.167	2.057	.136	
7	2.00	1.00	2.5	7.2	30.0	33.0	CXS-07R200-7230R/L	★	★	★	★	★	7	4.3	52.3	3.5	
	.079	.039	.098	.283	1.181	1.299							.276	.167	2.057	.136	

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand

Tolerances:

CXS-xxR

CWTOLL

0.000

CWTOLU

0.050

RETOLL

-0.02

RETOLU

0.02



F2



B189



B202



H37



H22

CoroCut® MB

For internal machining with high precision

Application

- For internal machining of small holes
- Pre-parting
- Grooving
- Face grooving
- Profiling
- Turning
- Copying
- Back boring
- Threading

ISO application area:



Benefits and features

- Vibration-free machining
- Fast setup for both tool and insert
- Stable, high precision interface between interface and tool holder
- Front-mounted exchangeable cutting tool
- Sharp cutting edges
- Geometries and grades for all materials
- Carbide shanks for long overhangs
- Through coolant
- Easy fix clamping
- Grooving tools in a large variety of widths and corner radii—also for standardized grooves such as O-rings and circlip grooves.



www.sandvik.coromant.com/corocutmb

EasyFix

Cylindrical steel and carbide boring bars to be used with EasyFix sleeves for exact center height.

CoroCut® MB boring bars

For stability and accessibility the bars are designed with an eccentric head with oval cross section.

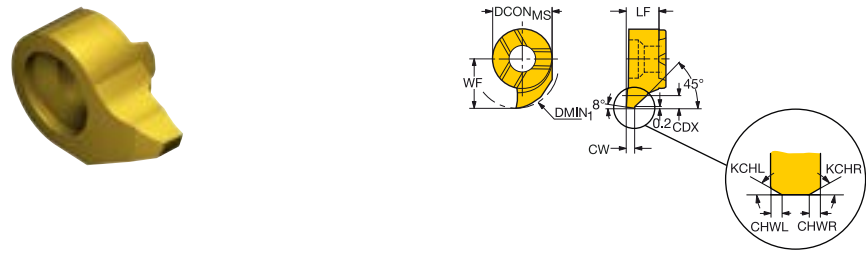
Adapters

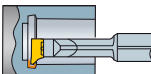
Rectangular shank to CoroCut® MB adapter
See page F40
Cylindrical shank to CoroCut® MB adapter
See page F46
Cylindrical shank with flat to CoroCut® MB adapter
See page F53

Inserts

	Pre-parting	Grooving	Face grooving	Profiling	Turning	Copying	Back boring	Threading
								
	MB..GX	MB..G	MB-F	MB..R	MB..T045	MB..TE93	MB..B	MB..TH
Insert width, mm	1.00	0.73-3.00	1.00-3.00					
Insert width, inch	.039	.039-.118	.039-.118					
Page	B174	B175	B178	Web	Web	Web	Web	C88

CoroCut® MB solid-carbide head for pre-parting





									P	M	N	S	O	Dimensions, mm, inch		
CZC _{MS}	CW	KCHL	KCHR	CHWL	CHWR	CDX	DMIN	Ordering code	1025	1025	1025	1025		DCON _{MS}	LF	WF
07	1.00	45°	45°	0.04	0.04	0.7	10.0	MB-07GX100-00-10R/L	★	★	★	★	★	7	3.9	5.8
	.039			.002	.002	.028	.394							.276	.154	.228

D

CZCMS to correspond with CZCMS on adapter.

R = Right hand, L = Left hand

Tolerances:

MB..GX

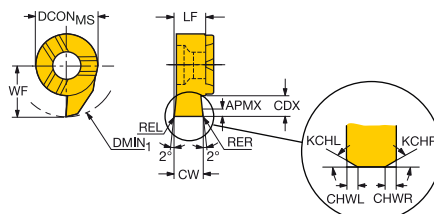
CWTOLL

0.000

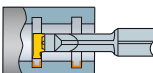
CWTOLU

0.050

CoroCut® MB solid carbide head for grooving



B

													P	M	N	S	H	O	Dimensions, mm, inch		
	CZC _{MS}	CW	REL	RER	KCHL	KCHR	CHWL	CHWR	CDX	DMIN ₁	APMX	Ordering code	1025	1025	1025	1025	7015	1025	DCON _{MS}	LF	WF
	07	1.00			45°	45°	0.04	0.04	1.8	10.0		MB-07G100-00-10R/L	*	*	*	*	*	*	7	3.9	5.8
		.039			45°	45°	.002	.002	.071	.394									.276	.154	.228
	07	1.00			45°	45°	0.04	0.04	2.8	11.0		MB-07G100-00-11L	*	*	*	*	*	*	7	3.9	6.8
		.039			45°	45°	.002	.002	.110	.433									.276	.154	.268
	07	1.00			45°	45°	0.04	0.04	2.8	11.0		MB-07G100-00-11R	*	*	*	*	*	*	7	3.9	6.8
		.039			45°	45°	.002	.002	.110	.433									.276	.154	.268
	07	1.00			45°	45°	0.04	0.04	3.1	12.0		MB-07G100-00-12R/L	*	*	*	*	*	*	7	3.9	7.4
		.039			45°	45°	.002	.002	.122	.472									.276	.154	.291
	07	1.50			45°	45°	0.04	0.04	1.8	10.0		MB-07G150-00-10R/L	*	*	*	*	*	*	7	3.9	5.8
		.059			45°	45°	.002	.002	.071	.394									.276	.154	.228
	07	1.50			45°	45°	0.04	0.04	2.8	11.0		MB-07G150-00-11R	*	*	*	*	*	*	7	3.9	6.8
		.059			45°	45°	.002	.002	.110	.433									.276	.154	.268
	07	1.50			45°	45°	0.04	0.04	2.8	11.0		MB-07G150-00-11L	*	*	*	*	*	*	7	3.9	6.8
		.059			45°	45°	.002	.002	.110	.433									.276	.154	.268
	07	1.50			45°	45°	0.04	0.04	3.4	12.0		MB-07G150-00-12R/L	*	*	*	*	*	*	7	3.9	7.4
		.059			45°	45°	.002	.002	.134	.472									.276	.154	.291
	07	2.00			45°	45°	0.04	0.04	1.8	10.0		MB-07G200-00-10R/L	*	*	*	*	*	*	7	3.9	5.8
		.079			45°	45°	.002	.002	.071	.394									.276	.154	.228
	07	2.00			45°	45°	0.04	0.04	2.8	11.0		MB-07G200-00-11R/L	*	*	*	*	*	*	7	3.9	6.8
		.079			45°	45°	.002	.002	.110	.433									.276	.154	.268
	07	2.00			45°	45°	0.04	0.04	3.4	12.0		MB-07G200-00-12R/L	*	*	*	*	*	*	7	3.9	7.4
		.079			45°	45°	.002	.002	.134	.472									.276	.154	.291
	07	2.50			45°	45°	0.04	0.04	1.8	10.0		MB-07G250-00-10R/L	*	*	*	*	*	*	7	3.9	5.8
		.098			45°	45°	.002	.002	.071	.394									.276	.154	.228
	07	2.50			45°	45°	0.04	0.04	2.8	11.0		MB-07G250-00-11R/L	*	*	*	*	*	*	7	3.9	6.8
		.098			45°	45°	.002	.002	.110	.433									.276	.154	.268
	07	3.00			45°	45°	0.04	0.04	1.8	10.0		MB-07G300-00-10R/L	*	*	*	*	*	*	7	3.9	5.8
		.118			45°	45°	.002	.002	.071	.394									.276	.154	.228
	07	3.00			45°	45°	0.04	0.04	2.8	11.0		MB-07G300-00-11R/L	*	*	*	*	*	*	7	3.9	6.8
		.118			45°	45°	.002	.002	.110	.433									.276	.154	.268
	07	3.18			45°	45°	0.04	0.04	1.8	10.0		MB-07G318-00-10R/L	*	*	*	*	*	*	7	3.9	5.8
		.125			45°	45°	.002	.002	.071	.394									.276	.154	.228
	07	3.18			45°	45°	0.04	0.04	2.8	11.0		MB-07G318-00-11R/L	*	*	*	*	*	*	7	3.9	6.8
		.125			45°	45°	.002	.002	.110	.433									.276	.154	.268
	09	1.00			45°	45°	0.04	0.04	4.0	14.0	0.3	MB-09G100-00-14R/L	*	*	*	*	*	*	9	5.2	9.0
		.039			45°	45°	.002	.002	.157	.551	.012								.354	.205	.354
	09	1.50			45°	45°	0.04	0.04	4.0	14.0		MB-09G150-00-14R/L	*	*	*	*	*	*	9	5.3	9.0
		.059			45°	45°	.002	.002	.157	.551									.354	.209	.354
	09	1.50			45°	45°	0.04	0.04	5.5	16.0		MB-09G150-00-16R/L	*	*	*	*	*	*	9	5.2	10.5
		.059			45°	45°	.002	.002	.217	.630									.354	.205	.413
	09	1.50			45°	45°	0.04	0.04	6.5	17.0		MB-09G150-00-17R/L	*	*	*	*	*	*	9	5.2	11.5
		.059			45°	45°	.002	.002	.256	.669									.354	.205	.453
	09	1.50	0.20	0.20					4.0	14.0	0.3	MB-09G150-02-16R/L	*	*	*	*	*	*	9	5.3	9.0
		.059	.008	.008					.157	.551	.012								.354	.209	.354
	09	2.00			45°	45°	0.04	0.04	4.0	14.0		MB-09G200-00-14R/L	*	*	*	*	*	*	9	5.3	9.0
		.079			45°	45°	.002	.002	.157	.551									.354	.209	.354
	09	2.00			45°	45°	0.04	0.04	5.5	16.0		MB-09G200-00-16R/L	*	*	*	*	*	*	9	5.2	10.5
		.079			45°	45°	.002	.002	.217	.630									.354	.205	.413
	09	2.00			45°	45°	0.04	0.04	6.5	17.0		MB-09G200-00-17R/L	*	*	*	*	*	*	9	5.2	11.5
		.079			45°	45°	.002	.002	.256	.669									.354	.205	.453
	09	2.00	0.20	0.20					4.0	14.0		MB-09G200-02-14R/L	*	*	*	*	*	*	9	5.3	9.0
		.079	.008	.008					.157	.551									.354	.209	.354
	09	2.00	0.20	0.20					5.5	16.0		MB-09G200-02-16R/L	*	*	*	*	*	*	9	5.2	10.5
		.079	.008	.008					.217	.630									.354	.205	.413
	09	2.50			45°	45°	0.04	0.04	4.0	14.0		MB-09G250-00-14R/L	*	*	*	*	*	*	9	5.3	9.0
		.098			45°	45°	.002	.002	.157	.551									.354	.209	.354

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand

F

G

H



F2



B188



B202

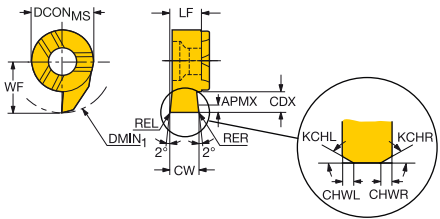


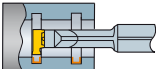
H37



H25

CoroCut® MB solid carbide head for grooving



													P	M	N	S	H	O	Dimensions, mm, inch		
													1025	1025	1025	1025	7015	1025	DCON _{MS}	LF	WF
	CZC _{MS}	CW	REL	RER	KCHL	KCHR	CHWL	CHWR	CDX	DMIN ₁	APMX	Ordering code									
	09	2.50			45°	45°	0.04	0.04	5.5	16.0		MB-09G250-00-16R/L	*	*	*	*	*	*	9	5.2	10.5
		.098			45°	45°	.002	.002	.217	.630									.354	.205	.413
	09	2.50			45°	45°	0.04	0.04	6.5	17.0		MB-09G250-00-17R/L	*	*	*	*	*	*	9	5.2	11.5
		.098			45°	45°	.002	.002	.256	.669									.354	.205	.453
	09	2.50	0.20	0.20					5.5	16.0		MB-09G250-02-16R/L	*	*	*	*	*	*	9	5.2	10.5
		.098	.008	.008					.217	.630									.354	.205	.413
	09	3.00			45°	45°	0.04	0.04	4.0	14.0		MB-09G300-00-14R/L	*	*	*	*	*	*	9	5.3	9.0
		.118			45°	45°	.002	.002	.157	.551									.354	.209	.354
	09	3.00			45°	45°	0.04	0.04	5.5	16.0		MB-09G300-00-16R/L	*	*	*	*	*	*	9	5.2	10.5
		.118			45°	45°	.002	.002	.217	.630									.354	.205	.413
	09	3.00			45°	45°	0.04	0.04	6.5	17.0		MB-09G300-00-17R/L	*	*	*	*	*	*	9	5.2	11.5
		.118			45°	45°	.002	.002	.256	.669									.354	.205	.453
	09	3.00	0.20	0.20					5.5	16.0		MB-09G300-02-16R/L	*	*	*	*	*	*	9	5.2	10.5
		.118	.008	.008					.217	.630									.354	.205	.413
	09	3.18			45°	45°	0.04	0.04	4.0	14.0	0.3	MB-09G318-00-14R/L	*	*	*	*	*	*	9	5.3	9.0
		.125			45°	45°	.002	.002	.157	.551	.012								.354	.209	.354
	09	3.18	0.20	0.20					4.0	14.0	0.3	MB-09G318-02-14R/L	*	*	*	*	*	*	9	5.3	9.0
		.125	.008	.008					.157	.551	.012								.354	.209	.354
	11	1.50	0.20	0.20					8.0	20.0		MB-11G150-02-20R/L	*	*	*	*	*	*	11	5.6	14.0
		.059	.008	.008					.315	.787									.433	.220	.551
11	2.00	0.20	0.20					8.0	20.0		MB-11G200-02-20R/L	*	*	*	*	*	*	11	5.6	14.0	
	.079	.008	.008					.315	.787									.433	.220	.551	
11	2.50	0.20	0.20					8.0	20.0		MB-11G250-02-20R/L	*	*	*	*	*	*	11	5.6	14.0	
	.098	.008	.008					.315	.787									.433	.220	.551	
11	3.00	0.20	0.20					8.0	20.0		MB-11G300-02-20R/L	*	*	*	*	*	*	11	5.6	14.0	
	.118	.008	.008					.315	.787									.433	.220	.551	
11	3.18	0.20	0.20					8.0	20.0		MB-11G318-02-20R/L	*	*	*	*	*	*	11	5.6	14.0	
	.125	.008	.008					.315	.787									.433	.220	.551	
11	4.00	0.20	0.20					8.0	20.0		MB-11G400-02-20R/L	*	*	*	*	*	*	11	5.6	14.0	
	.157	.008	.008					.315	.787									.433	.220	.551	

CZC_{MS} to correspond with CZC_{WS} on adapter. R = Right hand, L = Left hand

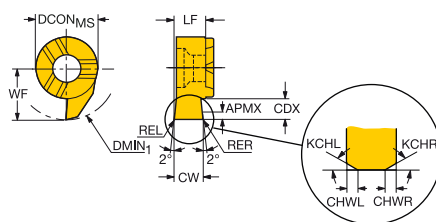
Tolerances:

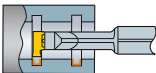
	CWTOLL	CWTOLU	CWTOLL"	CWTOLU"	RETOLL	RETOLU	RETOLL"	RETOLU"
MB..G	0.00	0.05	.0000	.0020	-0.02	0.02	-.0008	.0008



CoroCut® MB solid carbide head for grooving

For circlip grooves



										P	M	N	S	O	Dimensions, mm, inch		
	CZC _{MS}	CW	KCHL	KCHR	CHWL	CHWR	CDX	DMIN ₁	Ordering code	1025	1025	1025	1025	1025	DCON _{MS}	LF	WF
	07	0.73	45°	45°	0.04	0.04	1.2	10.0	MB-07G070-00-10R/L	★	★	★	★	★	7	3.8	5.8
		.029			.002	.002	.047	.394							.276	.150	.228
	07	0.83	45°	45°	0.04	0.04	1.3	10.0	MB-07G080-00-10R/L	★	★	★	★	★	7	3.8	5.8
		.033			.002	.002	.051	.394							.276	.150	.228
	07	0.93	45°	45°	0.04	0.04	1.5	10.0	MB-07G090-00-10R/L	★	★	★	★	★	7	3.8	5.8
		.037			.002	.002	.059	.394							.276	.150	.228
	07	1.20	45°	45°	0.04	0.04	1.8	10.0	MB-07G120-00-10R/L	★	★	★	★	★	7	3.9	5.8
		.047			.002	.002	.071	.394							.276	.154	.228
	07	1.40	45°	45°	0.04	0.04	1.8	10.0	MB-07G140-00-10R/L	★	★	★	★	★	7	3.9	5.8
		.055			.002	.002	.071	.394							.276	.154	.228
	07	1.70	45°	45°	0.04	0.04	1.8	10.0	MB-07G170-00-10R/L	★	★	★	★	★	7	3.9	5.8
		.067			.002	.002	.071	.394							.276	.154	.228
	09	0.73	45°	45°	0.04	0.04	1.2	14.0	MB-09G070-00-14R/L	★	★	★	★	★	9	5.2	9.0
		.029			.002	.002	.047	.551							.354	.205	.354
	09	0.83	45°	45°	0.04	0.04	1.3	14.0	MB-09G080-00-14R/L	★	★	★	★	★	9	5.2	9.0
		.033			.002	.002	.051	.551							.354	.205	.354
	09	0.93	45°	45°	0.04	0.04	1.5	14.0	MB-09G090-00-14R/L	★	★	★	★	★	9	5.2	9.0
		.037			.002	.002	.059	.551							.354	.205	.354
	09	1.20	45°	45°	0.04	0.04	4.0	14.0	MB-09G120-00-14R/L	★	★	★	★	★	9	5.3	9.0
		.047			.002	.002	.157	.551							.354	.209	.354
	09	1.40	45°	45°	0.04	0.04	4.0	14.0	MB-09G140-00-14R/L	★	★	★	★	★	9	5.3	9.0
		.055			.002	.002	.157	.551							.354	.209	.354
	09	1.70	45°	45°	0.04	0.04	4.0	14.0	MB-09G170-00-14R/L	★	★	★	★	★	9	5.3	9.0
		.067			.002	.002	.157	.551							.354	.209	.354

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand

Tolerances:

MB..G (CIRCLIP) CWTOLL CWTOLU
0.000 0.030



F2



B188



B202

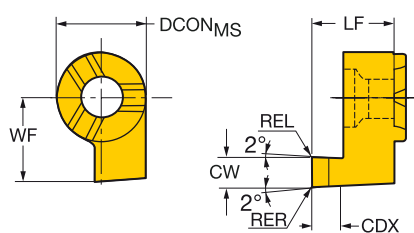
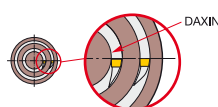


H37

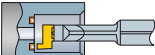


H25

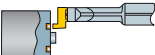
CoroCut® MB solid carbide head for face grooving



A curve

												P	M	N	S	O	Dimensions, mm, inch							
	CZC _{MS}	CW	REL	RER	KCHL	KCHR	CHWL	CDX	DAXIN	OHN		Ordering code	1025	1025	1025	1025	1025	DCON _{MS}	LF	WF	CWTOLL	CWTOLU	RETOLL	RETOLU
	09	1.00			45°	45°	0.40	1.5	12.0		MB-09FA100-00-14R/L	★	★	★	★	★	9	8.3	9.0	0.000	0.050			
		.039					.016	.059	.472								.354	.327	.354	.0000	.0020			
	09	1.50	0.20	0.20				2.5	11.0		MB-09FA150-02-14R/L	★	★	★	★	★	9	8.3	9.0	0.000	0.050	-0.02	0.02	
		.059	.008	.008				.098	.433								.354	.327	.354	.0000	.0020	-.0008	.0008	
	09	2.00	0.20	0.20				5.0	10.0		MB-09FA200-02-14R/L	★	★	★	★	★	9	10.3	9.0	0.000	0.050	-0.02	0.02	
		.079	.008	.008				.197	.394								.354	.406	.354	.0000	.0020	-.0008	.0008	
	09	2.50	0.20	0.20				5.0	9.0		MB-09FA250-02-14R/L	★	★	★	★	★	9	10.3	9.0	0.000	0.050	-0.02	0.02	
		.098	.008	.008				.197	.354								.354	.406	.354	.0000	.0020	-.0008	.0008	
	09	3.00	0.20	0.20				5.0	8.0		MB-09FA300-02-14R/L	★	★	★	★	★	9	10.3	9.0	0.000	0.050	-0.02	0.02	
		.118	.008	.008				.197	.315								.354	.406	.354	.0000	.0020	-.0008	.0008	
09	3.18	0.20	0.20				5.0	7.6	10.3	MB-09FA318-02-14R/L	★	★	★	★	★	9	10.3	9.0	0.000	0.050	-0.02	0.02		
	.125	.008	.008				.197	.301	.406							.354	.406	.354	.0000	.0020	-.0008	.0008		
11	3.00	0.20	0.20				10.0	10.0		MB-11FA300-02-16R/L	★	★	★	★	★	11	15.8	11.0	0.000	0.050	-0.02	0.02		
	.118	.008	.008				.394	.394								.433	.622	.433	.0000	.0020	-.0008	.0008		
11	4.00	0.20	0.20				10.0	8.0		MB-11FA400-02-16R/L	★	★	★	★	★	11	15.8	11.5	0.000	0.050	-0.02	0.02		
	.157	.008	.008				.394	.315								.433	.622	.453	.0000	.0020	-.0008	.0008		

B curve

											Ordering code	P	M	N	S	O	Dimensions, mm, inch							
	CZC _{MS}	CW	REL	RER	KCHL	KCHR	CHWL	CDX	DAXIN	OHN		1025	1025	1025	1025	1025	DCON _{MS}	LF	WF	CWTOLL	CWTOLU	RETOLL	RETOLU	
09	1.00				45°	45°	0.40	1.5	10.0		★	★	★	★	★	9	8.3	7.0	0.000	0.050				
		.039					.016	.059	.394							.354	.327	.276	.0000	.0020				
09	1.50	0.20	0.20					2.5	9.0		★	★	★	★	★	9	8.3	7.5	0.000	0.050	-0.02	0.02		
		.059	.008	.008				.098	.354							.354	.327	.295	.0000	.0020	-.0008	.0008		
09	2.00	0.20	0.20					5.0	8.0		★	★	★	★	★	9	10.3	8.0	0.000	0.050	-0.02	0.02		
		.079	.008	.008				.197	.315							.354	.406	.315	.0000	.0020	-.0008	.0008		
09	2.50	0.20	0.20					5.0	7.0		★	★	★	★	★	9	10.3	8.5	0.000	0.050	-0.02	0.02		
		.098	.008	.008				.197	.276							.354	.406	.335	.0000	.0020	-.0008	.0008		
09	3.00	0.20	0.20					5.0	6.0		★	★	★	★	★	9	10.3	9.0	0.000	0.050	-0.02	0.02		
		.118	.008	.008				.197	.236							.354	.406	.354	.0000	.0020	-.0008	.0008		
09	3.18	0.20	0.20					5.0	5.6	10.3	★	★	★	★	★	9	10.3	9.2	0.000	0.030	0.02	0.02		
		.125	.008	.008				.197	.222	.406						.354	.406	.361	.0000	.0012	.0008	.0008		
11	3.00	0.20	0.20					10.0	10.0		★	★	★	★	★	11	15.8	11.0	0.000	0.050	-0.02	0.02		
		.118	.008	.008				.394	.394							.433	.622	.433	.0000	.0020	-.0008	.0008		
11	4.00	0.20	0.20					10.0	8.0		★	★	★	★	★	11	15.8	12.0	0.000	0.050	-0.02	0.02		
		.157	.008	.008				.394	.315							.433	.622	.472	.0000	.0020	-.0008	.0008		

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand



F2



B188



B202

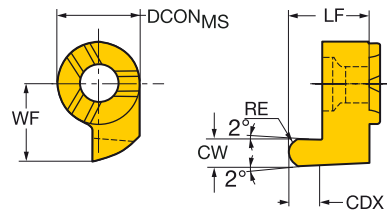
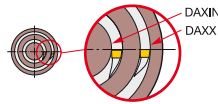


H37



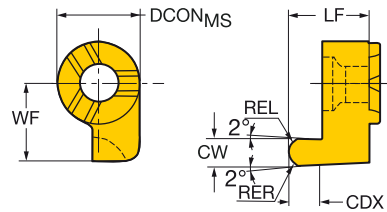
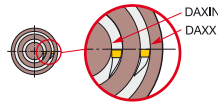
H25

CoroCut® MB solid carbide head for face grooving



A curve

	CZC _{MS}	CW	REL	RER	CDX	DAXIN	Ordering code	P	M	N	S	O	Dimensions, mm, inch		
								1025	1025	1025	1025	1025	DCON _{MS}	LF	WF
	09	1.00	0.50	0.50	1.5	12.0	MB-09FAR100-05-14R/L	*	*	*	*	*	9	8.3	9.0
		.039	.020	.020	.059	.472							.354	.327	.354
	09	1.50	0.75	0.75	2.5	11.0	MB-09FAR150-075-14R/L	*	*	*	*	*	9	8.3	9.0
		.059	.030	.030	.098	.433							.354	.327	.354
	09	2.00	1.00	1.00	5.0	10.0	MB-09FAR200-10-14R/L	*	*	*	*	*	9	10.3	9.0
		.079	.039	.039	.197	.394							.354	.406	.354
	09	2.50	1.25	1.25	5.0	9.0	MB-09FAR250-125-14R/L	*	*	*	*	*	9	10.3	9.0
		.098	.049	.049	.197	.354							.354	.406	.354
	09	3.00	1.50	1.50	5.0	8.0	MB-09FAR300-15-14R/L	*	*	*	*	*	9	10.3	9.0
		.118	.059	.059	.197	.315							.354	.406	.354



B curve

	CZC _{MS}	CW	REL	RER	CDX	DAXIN	Ordering code	P	M	N	S	O	Dimensions, mm, inch		
								1025	1025	1025	1025	1025	DCON _{MS}	LF	WF
	09	1.00	0.50	0.50	1.5	10.0	MB-09FBR100-05-12R/L	*	*	*	*	*	9	8.3	7.0
		.039	.020	.020	.059	.394							.354	.327	.276
	09	1.50	0.75	0.75	2.5	9.0	MB-09FBR150-075-14R/L	*	*	*	*	*	9	8.3	7.5
		.059	.030	.030	.098	.354							.354	.327	.295
	09	2.00	1.00	1.00	5.0	8.0	MB-09FBR200-10-14R/L	*	*	*	*	*	9	10.3	8.0
		.079	.039	.039	.197	.315							.354	.406	.315
	09	2.50	1.25	1.25	5.0	7.0	MB-09FBR250-125-14R/L	*	*	*	*	*	9	10.3	8.5
		.098	.049	.049	.197	.276							.354	.406	.335
	09	3.00	1.50	1.50	5.0	6.0	MB-09FBR300-15-14R/L	*	*	*	*	*	9	10.3	9.0
		.118	.059	.059	.197	.236							.354	.406	.354

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand

Tolerances:

	CWTOLL	CWTOLU	RETOLL	RETOLU
MB..FAR	0.000	0.030	0.00	0.02
MB..FBR	0.000	0.030	0.00	0.02



F2



B188



B202



H37



H25

Cutting speed recommendations, metric values

The recommendations are valid for use with cutting fluid.

ISO P	CMC No.	Steel	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CT525	GC3115	GC4325
					$h_{ex}, \text{mm} = \text{feed } f_n, \text{mm/r}$		
					0.05-0.5	0.05-0.5	0.05-0.5
MC No.		Material	N/mm ²	HB	Cutting speed (V_c), m/min		
P1.1.Z.AN	01.1	Unalloyed C = 0.1–0.25%	1500	125	235-170	355-185	340-180
P1.2.Z.AN	01.2		1600	150	220-155	330-140	315-140
P1.3.Z.AN	01.3		1700	170	210-145	300-125	290-120
P2.1.Z.AN	02.1	Low-alloy ≤5% Non-hardened	1700	180	205-145	290-135	280-130
P2.5.Z.HT	02.2		1850	275	185-120	270-105	265-100
P2.5.Z.HT	02.2		2050	350	150-100	220-85	215-80
P3.0.Z.AN	03.11	High-alloy >5% Annealed	1950	200	130-100	260-115	255-105
P3.0.Z.HT	03.21		3000	325	80-55	205-75	195-75
P1.5.C.UT	06.1	Castings Unalloyed	1550	180	150-100	175-75	165-70
P2.6.C.UT	06.2		1600	200	135-85	200-90	190-85
P3.0.C.UT	06.3		2050	225	115-70	160-75	130-95
P3.2.C.AQ	06.33		2900	250	75-50	90-50	85-45
ISO M	CMC No.	Stainless steel	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CT525	GC1105	GC1005
					$h_{ex}, \text{mm} = \text{feed } f_n, \text{mm/r}$		
					0.05-0.5	0.05-0.5	0.05-0.5
MC No.		Material	N/mm ²	HB	Cutting speed (V_c), m/min		
P5.0.Z.AN	05.11	Ferritic/martensitic Bars/forged Non-hardened	1800	200	195-135	235-110	400-175
P5.0.Z.PH	05.12		2850	330	135-95	185-85	215-95
P5.0.Z.HT	05.13		2350	330	150-100	200-90	255-110
M1.0.Z.AQ	05.21	Austenitic Bars/forged Austenitic	1800	180	190-130	265-125	435-190
M1.0.Z.PH	05.22		2850	330	115-80	185-90	235-100
M2.0.Z.AQ	05.23		2250	200	130-90	200-95	260-115
M3.1.Z.AQ	05.51	Austenitic-ferritic (Duplex) Bars/forged Non-weldable ≥ 0.05%C	2000	230	115-90	225-105	335-145
M3.2.Z.AQ	05.52		2450	260	90-70	185-90	300-130
P5.0.C.UT	15.11	Ferritic/martensitic Cast Non-hardened	1700	200	165-115	-	-
P5.0.C.HT	15.13		2150	330	110-75	-	-
M1.0.C.UT	15.21	Austenitic Cast Austenitic	1700	180	160-110	-	-
	15.22		2450	330	95-65	-	-
M3.1.C.AQ	15.51	Austenitic-ferritic (Duplex) Cast Non-weldable ≥ 0.05%C	1800	230	100-80	-	-
M3.2.C.AQ	15.52		2250	260	80-60	-	-
ISO K	CMC No.	Cast iron	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					GC3115	GC4225	GC1125
					$h_{ex}, \text{mm} = \text{feed } f_n, \text{mm/r}$		
					0.05-0.5	0.05-0.5	0.05-0.5
MC No.		Material	N/mm ²	HB	Cutting speed (V_c), m/min		
K1.1.C.NS	07.1	Malleable Ferritic (short chipping)	790	130	340-170	320-170	255-125
	07.2		900	230	250-115	235-110	170-95
K2.1.C.UT	08.1	Gray Low tensile strength	890	180	290-140	275-130	210-110
K2.2.C.UT	08.2		970	220	250-120	240-115	175-90
K3.1.C.UT	09.1	Nodular SG iron Ferritic	900	160	260-115	250-105	185-95
K3.3.C.UT	09.2		1350	250	205-100	195-90	150-75
K3.4.C.UT	09.3		2100	380	145-70	140-70	100-55

TOUGHNESS >>>>							
GC1115	GC1125	GC1025	GC1135	GC1145	GC235		
0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5		
360-180 325-145 290-130	295-145 265-115 235-105	235-115 210-90 185-85	205-100 180-75 175-70	200-100 185-75 175-70	165-130 150-120 140-105		
290-135 250-115 200-95	235-110 205-95 165-75	185-85 165-75 135-60	175-80 155-70 125-55	180-85 165-70 130-55	140-110 120-85 95-70		
255-115 185-75	205-95 150-65	170-75 120-50	155-70 105-45	160-75 105-45	70-60 45-33		
- - - -	135-65 160-85 120-50 70-40	110-55 130-65 80-45 55-30	105-50 120-60 90-40 50-29	110-50 125-65 85-38 -	100-70 90-55 80-45 100-80		
TOUGHNESS >>>>							
GC1115	GC1125	GC1025	GC1135	GC1145	GC235	H13A	
0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5	
235-110 185-85 200-90	190-85 150-65 160-70	160-70 120-55 130-55	145-65 110-45 120-50	150-60 110-45 125-50	130-100 90-70 100-75	90-70 60-40 70-50	
265-125 185-90 200-95	215-100 150-70 160-75	175-80 120-55 130-60	165-70 105-50 115-55	165-65 110-50 105-50	125-95 75-55 85-65	100-65 50-33 65-45	
225-105 185-90	180-85 150-70	145-70 120-55	135-60 110-50	145-60 115-50	125-95 95-70	- -	
215-100 -	175-80 145-65	140-65 120-50	130-60 110-45	140-55 115-45	110-85 70-55	75-60 50-38	
230-110 150-80	185-90 120-65	150-70 95-50	135-60 90-45	145-60 90-45	105-80 65-50	70-45 45-29	
195-95 155-80	155-75 125-65	125-60 105-50	115-55 95-45	120-55 95-45	110-85 85-60	- -	
TOUGHNESS >>>>							
GC1125	GC1025	H13A	GC1135				
0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5				
255-125 170-95	205-100 140-75	100-85 70-55	320-170 235-110				
210-110 175-90	170-85 140-70	80-65 80-60	275-130 240-115				
185-95 150-75 100-55	150-80 120-60 85-45	70-55 60-45 40-30	250-105 195-90 140-70				

B

C

D

E

F

G

H

Cutting speed recommendations, metric values

The recommendations are valid for use with cutting fluid.

ISO N	CMC No.	Non-ferrous material	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CD10	GC1005	H10
					$h_{ex}, mm = feed f_n, mm/r$		
					0.05-0.5	0.06-0.31	0.05-0.8
MC No.	CMC No.	Material	N/mm ²	HB	Cutting speed (V_c), m/min		
N1.2.Z.UT N1.2.Z.AG	30.11 30.12	Aluminum alloys Wrought or wrought and coldworked, non-aging	400 650	60 100	2100 (2650 - 265) 2100 (2650 - 265)	1900 (2400 - 240) 1900 (2400 - 240)	1800 (2250-225) 1800 (2250-225)
N1.3.C.UT N1.3.C.AG	30.21 30.22	Aluminum alloys Cast, non-aging Cast or cast and aged	600 700	75 90	2100 (2650 - 265) 2100 (2650 - 265)	1900 (2400 - 240) 1900 (2400 - 240)	1800 (2250-225) 1800 (2250-225)
N1.4.C.NS	30.41	Aluminum alloys Cast, 13–15% Si	700	130	1600 (2000 - 200)	500 (630 - 65)	450 (560-55)
	30.42	Cast, 16–22% Si	700	130	800 (1000 - 100)	350 (440 - 45)	300 (375-38)
N3.3.U.UT N3.2.C.UT N3.1.U.UT	33.1 33.2 33.3	Copper and copper alloys Free cutting alloys, ≥1% Pb Brass, leaded bronzes, ≤1% Pb Bronze and non-leaded copper incl. electrolytic copper	550 550 1350	110 90 100	600 (750 - 75) 600 (750 - 75) 300 (375 - 38)	500 (630 - 65) 500 (630 - 65) 300 (375 - 38)	500 (630-65) 500 (630-65) 300 (375-38)
ISO S	CMC No.	Heat resistant super alloys	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					S05F	GC1105	GC1005
					$h_{ex}, mm = feed f_n, mm/r$		
					0.05-0.3	0.05-0.3	0.05-0.3
MC No.	CMC No.	Material	N/mm ²	HB	Cutting speed (V_c), m/min		
S1.0.U.AN S1.0.U.AG	20.11 20.12	Iron base Annealed or solution treated Aged or solution treated and aged	2400 2500	200 280	200-135 165-110	180-120 150-100	70-38 150-100
S2.0.Z.AN S2.0.Z.AG	20.21	Nickel base Annealed or solution treated	2650	250	100-60	90-55	90-55
	20.22	Aged or solution treated and aged	2900	350	90-60	80-50	80-50
S2.0.C.NS	20.24	Cast or cast and aged	3000	320	80-50	70-45	70-45
S3.0.Z.AN S3.0.Z.AG S3.0.C.NS	20.31	Cobalt base Annealed or solution treated	2700	200	100-65	90-60	90-60
	20.32	Solution treated and aged	3000	300	90-55	80-50	80-50
	20.33	Cast or cast and aged	3100	320	80-50	70-45	70-45
S4.1.Z.UT S4.2.Z.AN S4.3.Z.AG	23.1 23.21 23.22	Titanium alloys Commercial pure (99.5% Ti) α , near α and $\alpha + \beta$ alloys, annealed $\alpha + \beta$ alloys in aged conditions, β alloys, annealed or aged	1300 1400 1400	Rm ¹⁾ 400 950 1050	- - -	- - -	- - -
ISO H	CMC No.	Material	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CB20	CC670	CB7015
					$h_{ex}, mm = feed f_n, mm/r$		
					0.05-0.1	0.05-0.1	0.05-0.1
MC No.	CMC No.	Hardened material	N/mm ²	HB	Cutting speed (V_c), m/min		
H1.3.Z.HA	04.1	Extra hard steel Hardened and tempered	4300	60 HRC	125-120	110-100	145-135
H2.0.C.UT	10.1	Chilled Cast or cast and aged	2250	400	200-195	110-100	-

1) Rm = ultimate tensile strength measured in MPa.

A

TOUGHNESS >>>>									
GC1125	GC1025	H13A							
0.05-0.8	0.05-0.8	0.05-0.8							
1500 (1900 - 190) 1500 (1900 - 190)	1500 (1900 - 190) 1500 (1900 - 190)	1500 (1900 - 190) 1500 (1900 - 190)							
1500 (1900 - 190) 1500 (1900 - 190)	1500 (1900 - 190) 1500 (1900 - 190)	1500 (1900 - 190) 1500 (1900 - 190)							
400 (500 - 50) 250 (315 - 31)	400 (500 - 50) 250 (315 - 31)	400 (500 - 50) 250 (315 - 31)							
350 (440 - 45) 400 (500 - 50) 250 (315 - 31)	350 (440 - 45) 400 (500 - 50) 250 (315 - 31)	350 (440 - 45) 400 (500 - 50) 250 (315 - 31)							
TOUGHNESS >>>>									
H10	GC1115	GC1125	GC1025	H13A	GC1135	GC1145	GC235	CC670	CB7015
0.05-0.3	0.05-0.3	0.05-0.3	0.05-0.3	0.05-0.3	0.05-0.3	0.05-0.3	0.05-0.3	0.05-0.3	0.05-0.3
- -	100-55 70-40	80-45 55-33	60-35 45-28	50-37 40-26	50-29 40-26	45-34 45-30	50-37 40-26	- -	- -
- -	65-40 60-32	50-32 45-26	45-28 40-22	30-23 20-13	40-26 35-21	29-23 19-13	30-23 20-13	600-320 500-250	400-300 350-250
-	45-23	35-18	30-16	20-13	25-10	20-13	20-13	250-120	200-125
- - -	70-50 60-32 45-23	55-38 45-26 35-18	50-33 40-22 30-16	35-27 23-15 20-13	45-28 35-17 25-14	34-23 23-12 19-13	35-27 23-15 20-13	410-220 350-210 320-150	250-150 250-150 200-125
190-150 80-60 70-55	310-140 100-55 95-45	220-100 80-45 75-37	190-95 65-37 60-32	175-145 70-60 65-55	170-80 65-35 60-30	- - -	- - -	- - -	- - -
TOUGHNESS >>>>									

B

C

D

E

F

G

H

Cutting speed recommendations, inch values

The recommendations are valid for use with cutting fluid.

ISO P	CMC No.	Steel	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CT525	GC3115	GC4325
					Feed f_m , inch/rev		
					.002-.020	.002-.020	.002-.020
MC No.	CMC No.	Material	lbs/in ²	HB	Cutting speed (V_c) ft/min		
P1.1.Z.AN	01.1	Unalloyed C = 0.1–0.25%	216,500	125	770-550	1150-610	1100-590
P1.2.Z.AN	01.2		233,000	150	720-510	1050-460	1050-460
P1.3.Z.AN	01.3		247,000	170	690-475	980-405	950-395
P2.1.Z.AN	02.1	Low-alloy ≤5% Non-hardened	249,500	180	670-475	950-440	920-415
P2.5.Z.HT	02.2		268,000	275	600-400	880-335	860-320
P2.5.Z.HT	02.2		298,000	350	485-320	710-270	700-255
P3.5.Z.AN	03.11	High-alloy >5% Annealed	282,000	200	425-320	840-375	830-345
P3.5.Z.HT	03.21		435,000	325	260-180	670-245	640-235
P1.5.C.UT	06.1	Castings Unalloyed	225,000	180	490-330	570-235	540-230
P2.6.C.UT	06.2		230,500	200	440-280	650-290	620-280
P3.0.C.UT	06.3		300,500	225	375-230	520-245	425-315
P3.2.C.AQ	06.33		420,500	250	245-165	290-155	275-145
ISO M	CMC No.	Stainless steel	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CT525	GC1105	GC1005
					Feed f_m , inch/rev		
					.002-.020	.002-.020	.002-.020
MC No.	CMC No.	Material	lbs/in ²	HB	Cutting speed (V_c) ft/min		
P5.0.Z.AN	05.11	Ferritic/martensitic Bars/forged	262,000	200	640-440	770-360	1300-570
P5.0.Z.PH	05.12		411,500	330	450-310	610-280	710-305
P5.0.Z.HT	05.13		340,000	330	485-330	660-295	840-365
M1.0.Z.AQ	05.21	Austenitic Bars/forged	259,000	180	620-430	870-410	1450-610
M1.0.Z.PH	05.22		414,000	330	370-255	610-295	770-330
M2.0.Z.AQ	05.23		328,000	200	420-290	660-315	860-370
M3.1.Z.AQ	05.51	Austenitic-ferritic (Duplex) Bars/forged	286,500	230	375-295	740-345	1100-475
M3.2.Z.AQ	05.52		356,500	260	295-225	610-295	980-420
P5.0.C.UT	15.11	Ferritic/martensitic Cast	246,500	200	540-375	-	-
P5.0.C.HT	15.13		311,000	330	355-245	-	-
M1.0.C.UT	15.21	Austenitic Cast	248,000	180	520-360	-	-
	15.22		356,000	330	320-220	-	-
M3.1.C.AQ	15.51	Austenitic-ferritic (Duplex) Cast	258,000	230	335-260	-	-
M3.2.C.AQ	15.52		326,500	260	260-200	-	-
ISO K	CMC No.	Cast iron	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					GC3115	GC4325	GC1125
					Feed f_m , inch/rev		
					.002-.020	.002-.020	.002-.020
MC No.	CMC No.	Material	lbs/in ²	HB	Cutting speed (V_c) ft/min		
K1.1.C.NS	07.1	Malleable Ferritic (short chipping)	115,000	130	1100-560	1050-550	830-415
	07.2		131,000	230	810-370	760-350	560-310
K2.1.C.UT	08.1	Gray Low tensile strength	130,000	180	950-450	900-430	680-365
K2.2.C.UT	08.2		140,500	220	810-395	780-370	570-295
K3.1.C.UT	09.1	Nodular SG iron Ferritic	130,000	160	850-375	810-350	600-320
K3.3.C.UT	09.2		194,500	250	670-325	640-300	485-250
K3.4.C.UT	09.3		307,500	380	470-230	450-220	330-180

TOUGHNESS >>>>						
GC1115	GC1125	GC1025	GC1135	GC1145	GC235	
.002-.020	.002-.020	.002-.020	.002-.020	.002-.020	.002-.020	
1200-580 1050-470 950-415	960-475 860-380 770-340	770-370 680-295 610-270	670-330 590-250 570-235	650-330 600-245 570-225	530-430 490-385 460-345	
940-450 820-375 660-305	770-365 660-305 530-245	600-280 540-245 435-195	570-260 500-220 400-180	580-275 530-230 425-185	460-355 390-275 315-220	
830-380 600-250	670-305 490-205	550-250 395-160	500-225 335-140	520-235 350-140	230-205 145-110	
- - - -	440-210 520-275 395-170 225-130	365-175 425-220 265-155 180-95	335-160 390-200 295-130 160-95	360-170 410-205 280-120 -	325-220 295-185 260-155 325-260	
TOUGHNESS >>>>						
GC1115	GC1125	GC1025	GC1135	GC1145	GC235	H13A
.002-.020	.002-.020	.002-.020	.002-.020	.002-.020	.002-.020	.002-.020
770-355 600-275 650-295	620-285 480-220 520-235	520-230 385-170 420-185	470-210 350-150 385-165	485-195 365-150 410-170	425-320 300-225 320-245	295-225 195-130 220-170
870-415 600-290 650-315	700-335 485-230 520-250	570-270 385-180 415-200	530-230 340-160 370-180	530-215 355-165 335-160	415-315 245-185 280-210	320-215 160-110 215-145
730-350 610-295	580-280 490-235	475-225 390-185	440-190 360-165	470-195 375-165	410-310 310-230	- -
700-325 -	560-260 470-215	455-205 390-170	425-190 360-150	450-175 375-150	360-275 235-180	250-190 165-125
750-365 495-260	600-290 395-205	485-230 310-160	445-190 295-145	470-195 300-140	350-265 210-160	230-155 140-95
640-305 510-265	510-245 405-210	410-190 335-165	375-170 300-145	- -	365-275 270-205	- -
TOUGHNESS >>>>						
GC1125	GC1025	H13A	GC1135			
.002-.020	.002-.020	.002-.020	.002-0.020			
830-415 560-310	670-325 455-255	325-275 230-175	1050-550 760-350			
680-365 570-295	560-280 460-235	265-210 260-200	900-430 780-370			
600-320 485-250 330-180	490-225 390-200 270-140	230-175 195-145 135-100	810-350 640-300 450-220			

Cutting speed recommendations, inch values

The recommendations are valid for use with cutting fluid.

ISO N	CMC No.	Non-ferrous material	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CD10	GC1005	H10
					Feed f_n , inch/rev		
					.002-.020	.006-.031	.002-.020
MC No.		Material	lbs/in ²	HB	Cutting speed (V_c) ft/min		
N1.2.Z.UT	30.11	Aluminum alloys	58,000	60	6900 (8650-860)	6250 (7800-780)	5900 (7400-740)
N1.2.Z.AG	30.12	Wrought or wrought and coldworked, non-aging	94,500	100	6900 (8650-860)	6250 (7800-780)	5900 (7400-740)
N1.3.C.UT	30.21	Aluminum alloys	87,000	75	6900 (8650-860)	6250 (7800-780)	5900 (7400-740)
N1.3.C.AG	30.22	Cast, non-aging	101,500	90	6900 (8650-860)	6250 (7800-780)	5900 (7400-740)
		Cast or cast and aged					
N1.4.C.NS	30.41	Cast, 13–15% Si	101,500	130	5250 (6550-660)	1650 (2050-205)	1500 (1900-190)
	30.42	Cast, 16–22% Si	101,500	130	2600 (3250-325)	1150 (1450-145)	980 (1250-125)
N3.3.U.UT	33.1	Copper and copper alloys	79,500	110	1950 (2450-245)	1650 (2050-205)	1650 (2050-205)
N3.2.C.UT	33.2	Free cutting alloys, ≥1% Pb	80,000	90	1950 (2450-245)	1650 (2050-205)	1650 (2050-205)
N3.1.U.UT	33.3	Brass, leaded bronzes, ≤1% Pb	196,000	100	1950 (2450-245)	1650 (2050-205)	1650 (2050-205)
		Bronze and non-leaded copper incl. electrolytic copper			980 (1250-125)	980 (1250-125)	980 (1250-125)
ISO S	CMC No.	Heat resistant super alloys	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					S05F	GC1105	GC1005
					Feed f_n , inch/rev		
					.002-.012	.002-.012	.002-.012
MC No.		Material	lbs/in ²	HB	Cutting speed (V_c) ft/min		
S1.0.U.AN	20.11	Iron base	348,000	200	660-435	590-385	590-385
S1.0.U.AG	20.12	Annealed or solution treated	359,000	280	550-360	490-320	490-320
		Aged or solution treated and aged					
S2.0.Z.AN	20.21	Nickel base	383,000	250	330-200	295-185	295-185
S2.0.Z.AG	20.22	Annealed or solution treated	420,500	350	295-200	265-165	265-165
S2.0.C.NS	20.24	Aged or solution treated and aged					
		Cast or cast and aged	436,500	320	255-160	235-150	235-150
S3.0.Z.AN	20.31	Cobalt base	391,500	200	330-215	295-185	295-185
S3.0.Z.AG	20.32	Annealed or solution treated	432,000	300	295-180	265-165	265-165
S3.0.C.NS	20.33	Solution treated and aged	450,500	320	255-160	235-150	235-150
		Cast or cast and aged					
Titanium	23.1	Commercial pure	188,500	Rm ¹⁾	-	-	-
S4.1.Z.UT		(99.5% Ti)		400			
S4.2.Z.AN	23.21	Titanium alloys	203,000	950	-	-	-
		α , near α and $\alpha + \beta$ alloys, annealed					
S4.3.Z.AG	23.22	$\alpha + \beta$ alloys in aged conditions, β alloys, annealed or aged	203,000	1050	-	-	-
ISO H	CMC No.	Hardened material	Specific cutting force k_{c1}	Hardness Brinell	<<<< WEAR RESISTANCE		
					CB20	CC670	CB7015
					Feed f_n , inch/rev		
					.002-.004	.002-.004	.002-.004
MC No.		Material	lbs/in ²	HB	Cutting speed (V_c) ft/min		
H1.3.Z.HA	04.1	Extra hard steel	625,500	60 HRC	420-400	355-320	475-450
		Hardened and tempered					
H2.0.C.UT	10.1	Chilled	326,500	400	650-640	360-325	-
		Cast or cast and aged					

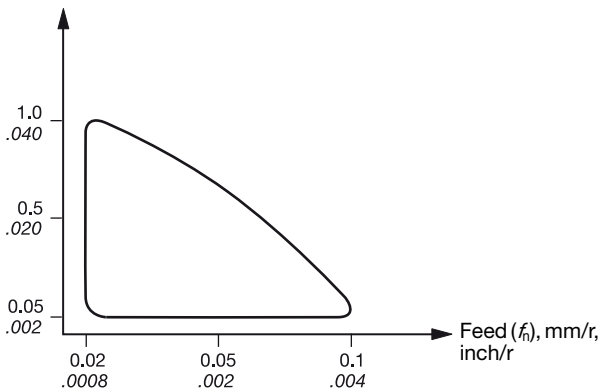
1) Rm = ultimate tensile strength measured in MPa.

Cutting data recommendations for CoroCut® MB

Turning

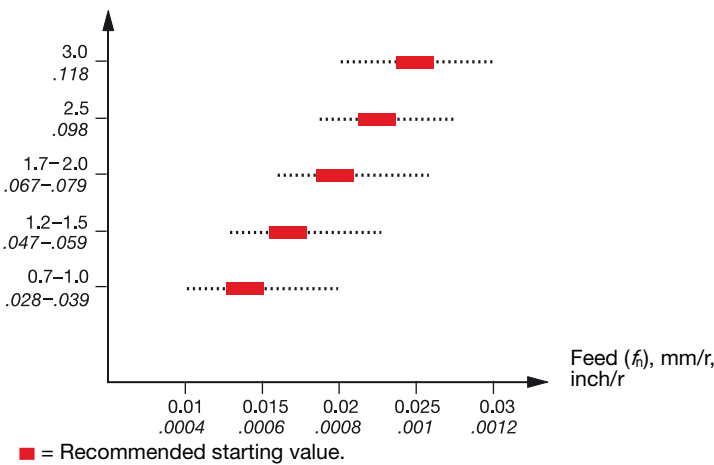
Insert size 07

Cutting depth (a_p), mm, inch



Grooving and face grooving

Insert width (CW), mm, inch



Threading (Infeed recommendations)

Thread	Insert	a_p mm	a_p inch	nap
V-profile 60°	MB-07TH050VM-10R/L	0.33	.013	4
	MB-07TH100VM-10R/L	0.64	.025	5
	MB-07TH150VM-10R/L	0.89	.035	6
	MB-07TH200VM-10R/L	1.19	.047	8
	MB-07TH250VM-10R/L	1.50	.059	10
Metric 60°	MB-07TH050MM-10R/L	0.33	.013	4
	MB-07TH100MM-10R/L	0.64	.025	5
	MB-07TH150MM-10R/L	0.89	.035	6
	MB-07TH175MM-10R/L	1.07	.042	8
	MB-07TH200MM-10R/L	1.19	.047	8
	MB-07TH250MM-10R/L	1.50	.059	10
UN 60°	MB-07TH320UN-10R/L	0.48	.019	4
	MB-07TH280UN-10R/L	0.58	.023	5
	MB-07TH240UN-10R/L	0.66	.026	5
	MB-07TH200UN-10R/L	0.79	.031	6
	MB-07TH180UN-10R/L	0.86	.034	6
	MB-07TH160UN-10R/L	0.94	.037	7
Whitworth 55°	MB-07TH190WH-10R/L	0.91	.036	6
	MB-07TH140WH-10R/L	1.21	.048	8
	MB-07TH110WH-10R/L	1.54	.061	9
NPT 60°	MB-07TH180NT-10R/L	1.11	.044	8
	MB-07TH140NT-10R/L	1.42	.056	10

a_p = total depth of thread

nap = number of passes

Thread	Insert	a_p mm	a_p inch	nap
ACME 29°	MB-07TH160AC-11R	0.96	.038	6
	MB-07TH140AC-11R	1.09	.043	7
	MB-07TH120AC-11R	1.24	.049	8
	MB-07TH100AC-11R	1.60	.063	10
	MB-07TH080AC-11R	1.90	.075	12
STUB-ACME 29°	MB-07TH160SA-10R	0.66	.026	5
	MB-07TH140SA-10R	0.74	.029	5
	MB-07TH120SA-10R	0.81	.032	6
	MB-07TH100SA-10R	1.09	.043	7
	MB-07TH080SA-10R	1.27	.050	8

Cutting speed recommendations

Cutting speed (v_c), m/min (ft/min)

Grade	P	M	N	S
Grade 1025	60-200 (195-655)	60-180 (195-590)	90-400 (295-1310)	20-50 (65-165)
Grade CB7015	H			
	60-200 (195-655)			

Cutting data recommendations for CoroTurn® XS

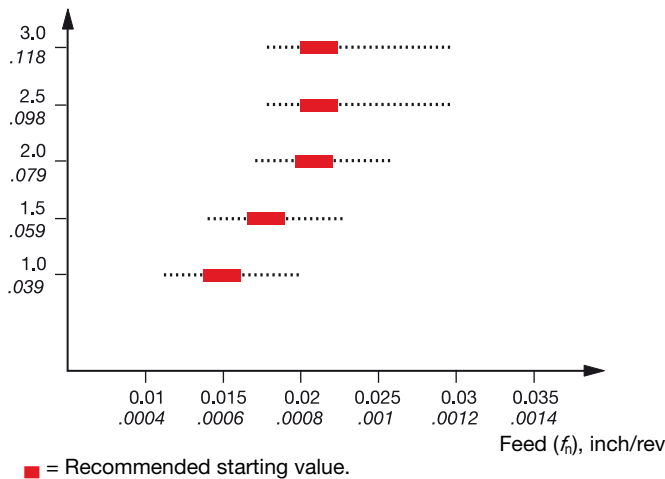
Turning inserts

Insert size	Dimensions, mm, inch				Application area							
					General turning/Back boring				Rec. cutting feed			
					Rec. depth of cut				Rec. cutting feed			
dm_m	WB mm	WB inch	RE mm	RE inch	a_p mm	Min – Max	a_p inch	Min – Max	f_r mm/r	Min – Max	f_r inch/r	Min – Max
04	0.18	.007	–	–	0.05	(0.01 – 0.08)	.0020	(.0004 – .0031)	0.007	(0.050 – 0.015)	.00028	(.00020 – .00059)
04	0.28	.011	–	–	0.06	(0.01 – 0.10)	.0024	(.0004 – .0041)	0.010	(0.050 – 0.014)	.00039	(.00020 – .00059)
04	0.38	.015	–	–	0.08	(0.01 – 0.15)	.0031	(.0004 – .0059)	0.012	(0.008 – 0.017)	.00047	(.00032 – .00067)
04	0.46	.018	–	–	0.09	(0.01 – 0.20)	.0035	(.0004 – .0071)	0.015	(0.010 – 0.020)	.00059	(.00039 – .00079)
04	0.56	.022	–	–	0.12	(0.01 – 0.22)	.0047	(.0004 – .0087)	0.018	(0.010 – 0.025)	.00071	(.00039 – .00098)
04	0.63	.025	–	–	0.15	(0.01 – 0.25)	.0059	(.0004 – .0098)	0.020	(0.012 – 0.025)	.00079	(.00047 – .00098)
04	0.66	.026	0.05	.002	0.15	(0.05 – 0.30)	.0059	(.0020 – .0118)	0.020	(0.012 – 0.030)	.00079	(.00047 – .00118)
04	0.66	.026	0.10	.004	0.15	(0.09 – 0.30)	.0059	(.0039 – .0118)	0.020	(0.015 – 0.080)	.00079	(.00059 – .00315)
04	0.74	.029	–	–	0.15	(0.01 – 0.25)	.0059	(.0004 – .0098)	0.020	(0.012 – 0.025)	.00079	(.00047 – .00098)
04	1.04	.041	0.05	.002	0.18	(0.05 – 0.30)	.0071	(.0020 – .0118)	0.020	(0.012 – 0.030)	.00079	(.00047 – .00118)
04	1.04	.041	0.10	.004	0.18	(0.01 – 0.30)	.0071	(.0004 – .0118)	0.020	(0.015 – 0.080)	.00079	(.00059 – .00315)
04	1.55	.061	0.05	.002	0.20	(0.05 – 0.40)	.0079	(.0020 – .0158)	0.020	(0.012 – 0.030)	.00079	(.00047 – .00118)
04	1.55	.061	0.10	.004	0.20	(0.09 – 0.40)	.0079	(.0039 – .0158)	0.020	(0.015 – 0.080)	.00079	(.00059 – .00315)
04	2.06	.081	0.05	.002	0.25	(0.05 – 0.51)	.0098	(.0020 – .0200)	0.020	(0.012 – 0.030)	.00079	(.00047 – .00118)
04	2.06	.081	0.15	.006	0.25	(0.15 – 0.51)	.0098	(.0059 – .0200)	0.025	(0.015 – 0.050)	.00098	(.00059 – .00197)
04	2.54	.100	0.05	.002	0.30	(0.05 – 0.51)	.0118	(.0020 – .0200)	0.020	(0.015 – 0.030)	.00079	(.00059 – .00118)
04	2.06/2.59	.100/.102	0.15	.006	0.30	(0.15 – 0.51)	.0118	(.0059 – .0200)	0.025	(0.015 – 0.050)	.00098	(.00059 – .00197)
04	2.95	.116	0.15	.006	0.30	(0.15 – 0.51)	.0118	(.0059 – .0200)	0.025	(0.015 – 0.050)	.00098	(.00059 – .00197)
04	3.45	.136	0.05	.002	0.30	(0.05 – 0.51)	.0118	(.0020 – .0200)	0.020	(0.015 – 0.030)	.00079	(.00059 – .00118)
04	3.45	.136	0.15	.006	0.30	(0.15 – 0.51)	.0118	(.0059 – .0200)	0.025	(0.015 – 0.050)	.00098	(.00059 – .00197)
05	3.76	.148	0.15	.006	0.35	(0.15 – 0.60)	.0138	(.0059 – .0236)	0.040	(0.020 – 0.060)	.00157	(.00079 – .00236)
05	3.75/3.81	.148/.150	0.20	.008	0.35	(0.20 – 0.60)	.0138	(.0079 – .0236)	0.040	(0.020 – 0.060)	.00157	(.00079 – .00236)
05	4.19	.165	0.20	.008	0.35	(0.20 – 0.60)	.0138	(.0079 – .0236)	0.040	(0.020 – 0.070)	.00157	(.00079 – .00276)
05	4.24	.167	0.05	.002	0.25	(0.05 – 0.60)	.0098	(.0020 – .0236)	0.030	(0.020 – 0.040)	.00118	(.00079 – .00157)
05	4.24	.167	0.20	.008	0.35	(0.20 – 0.60)	.0138	(.0079 – .0236)	0.040	(0.020 – 0.070)	.00157	(.00079 – .00276)
06	3.96/3.99	.156/.157	0.15	.006	0.35	(0.15 – 0.60)	.0138	(.0059 – .0236)	0.045	(0.020 – 0.070)	.00177	(.00079 – .00276)
06	3.96	.156	0.20	.008	0.35	(0.20 – 0.60)	.0138	(.0079 – .0236)	0.045	(0.020 – 0.070)	.00177	(.00079 – .00276)
06	5.26	.207	0.20	.008	0.40	(0.20 – 0.70)	.0157	(.0079 – .0276)	0.045	(0.020 – 0.080)	.00177	(.00079 – .00315)
07	4.29	.169	0.20	.008	0.35	(0.20 – 0.60)	.0138	(.0079 – .0236)	0.040	(0.020 – 0.070)	.00157	(.00079 – .00276)
07	6.25	.246	0.20	.008	0.50	(0.20 – 0.80)	.0197	(.0079 – .0315)	0.050	(0.030 – 0.080)	.00197	(.00118 – .00315)

When using CBN grade CB7015 reduce feed and cutting depth by 50%, compared to carbide grades.

Grooving and face grooving

Insert width (W1), mm



Cutting speed recommendations

Cutting speed (V_c), m/min

Grade	P	M	N	S
Grade 1025	60-200	60-180	90-400	20-50
Grade CB7015	60-200			

Threading (Infeed recommendations)

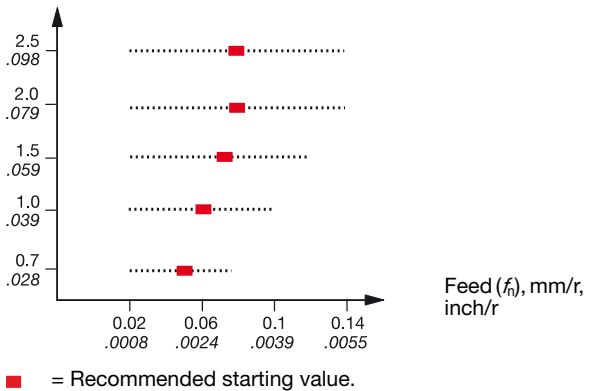
Thread	Pitch mm	TPI	a_p mm	a_p inch	nap
Metric 60° (MM)	0.50		0.26	.0106	7
	0.70		0.38	.0150	8
	0.75		0.40	.0161	8
	0.80		0.43	.0169	8
	1.00		0.55	.0217	11
	1.25		0.68	.0268	11
	1.50		0.81	.0319	13
	1.75		0.95	.0374	14
UN 60°	2.00		1.08	.0425	18
		48	0.29	.0114	7
		36	0.38	.0150	8
		32	0.43	.0169	8
		28	0.49	.0193	9
		24	0.56	.0224	11
		20	0.69	.0272	11
		18	0.76	.0299	12
Whitworth 55° (WH)		16	0.86	.0339	13
		28	0.60	.0236	10
		26	0.65	.0256	11
		24	0.68	.0268	11
		22	0.74	.0291	12
		20	0.82	.0323	14
NPT 60° (NT)		19	0.87	.0343	14
		27	0.71	.0280	12
ISO Trapezoidal 30°		18	1.06	.0417	18
	1.50		0.86	.0340	6
	2.00		1.17	.0460	8
	3.00		1.70	.0670	12

a_p = total depth of thread
 nap = number of infeeds

Cutting data recommendations for CoroCut® XS

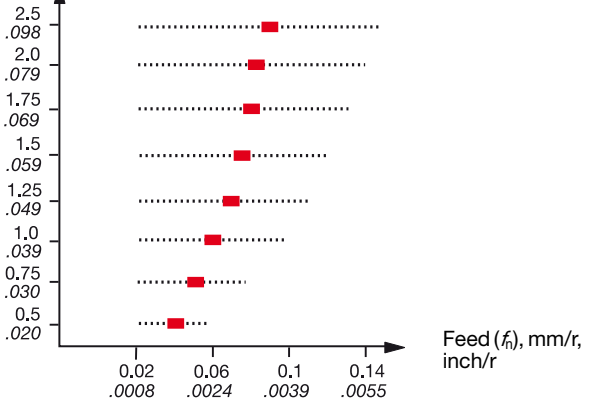
Parting off

Insert width (CW), mm, inch



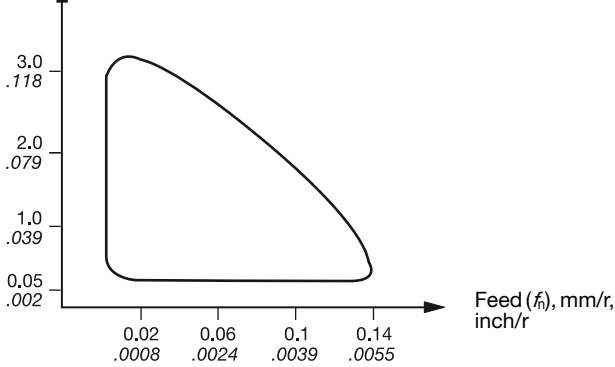
Grooving

Insert width (CW), mm, inch



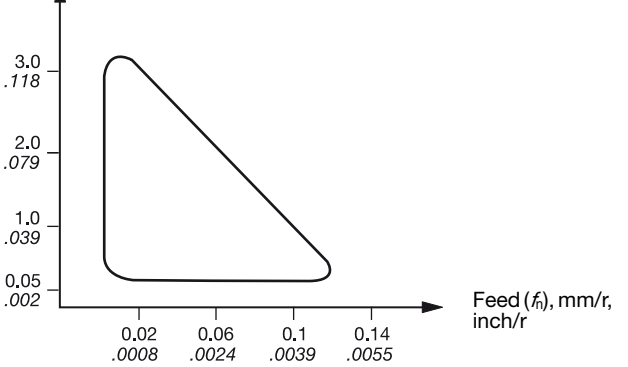
Turning

Cutting depth (a_p), mm, inch



Back turning

Cutting depth (a_p), mm, inch



Threading (Infeed recommendations)

Metric 60°

Pitch, mm	a_p mm	a_p inch	nap
0.20	0.12	.005	4
0.25	0.15	.006	4
0.30	0.18	.007	4
0.35	0.20	.008	4
0.40	0.25	.010	4
0.45	0.28	.011	4
0.50	0.28	.011	4
0.75	0.46	.018	4
1.00	0.61	.024	5
1.25	0.74	.029	6
1.50	0.89	.035	6
1.75	1.07	.042	8
2.00	1.22	.048	8

Can be used for thread types:
– ISO metric 60°
– UN 60°
– NPT

a_p = total depth of thread
 nap = number of passes

UN 60°

Pitch, TPI	a_p mm	a_p inch	nap
72	0.22	.0086	4
64	0.25	.0098	4
56	0.28	.0110	4
48	0.33	.0129	4
44	0.36	.0142	4
40	0.40	.0157	4
36	0.43	.0169	4
32	0.49	.0193	5
28	0.56	.0220	5
24	0.65	.0256	5
20	0.80	.0315	6
18	0.86	.0339	6
16	0.97	.0382	7
14	1.12	.0441	8
13	1.19	.0469	8
12	1.30	.0512	9

Cutting speed recommendations

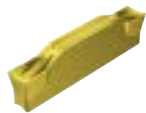
Cutting speed (v_c), m/min (ft/min)

Grade 1025/1105

P	M	N	S
60-200 (195-655)	60-180 (195-590)	90-400 (295-1310)	20-50 (65-165)

Cutting data recommendations for CoroCut® 1-2

Parting

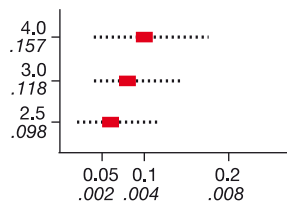


123-CF
Wiper TECHNOLOGY

Low feed choice

Radial feed

Insert width (CW), mm, inch



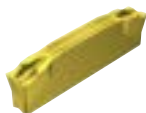
Feed (f_n), mm/r, inch/r

Positive geometry for low feed

First choice for thin walled components and small diameters.

Small corner radii and positive geometry reduce pip and burr on component in stainless steel and sticky materials. Wiper corners for high surface finish.

B

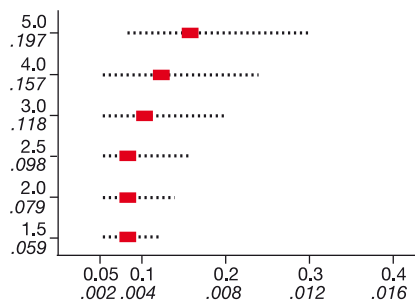


123-CM

Medium feed choice

Radial feed

Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

First choice, universal geometry

First choice for parting off to center at good conditions in most materials and light intermittent applications such as parting hexagonal bars.

C

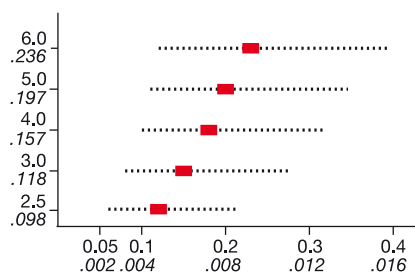


123-CR

High feed choice

Radial feed

Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

Rough machining

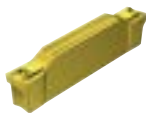
Strong cutting edges reduce risk of edge fractures.

Suitable for parting off bars and interrupted cuts.

For steel and cast iron, but also suitable for stainless steels when there is a need for strong edges.

Available as CoroCut 1 and 2-edged inserts.

E

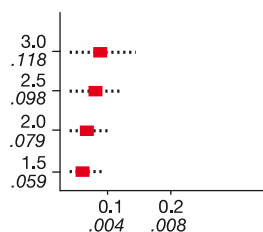


123-CS

Low feed

Radial feed

Insert width (CW), inch



Feed (f_n), mm/r, inch/r

Pip and burr free machining.

Ideal solution for minimizing pips and burrs on components thanks to the sharp cutting edge and front angles of 10° and 15°.

Recommended for small components. Suitable for free cutting steel.

Available as CoroCut 2-edge inserts.

F

G

■ = Recommended starting value.

For cutting speed recommendations, see page B180.

H

Cutting data recommendations for CoroCut® 1-2

Grooving

B

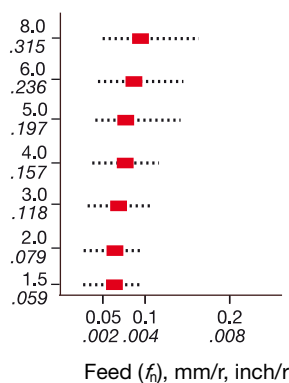


123-GF

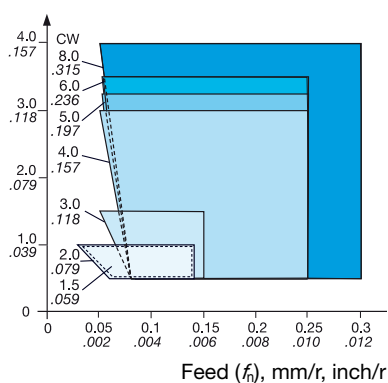
Low feed choice

Radial feed

Insert width (CW), mm, inch



Axial feed

Cutting depth (a_p), mm, inch

For precision grooves

Good accuracy and repeatability due to tight tolerances on inserts.
 Low cutting forces and good surface finishing due to sharp cutting edge.
 Large number of different widths.
 Designed for side turning.
 Available as CoroCut 2-edge inserts.
 Can be ordered as Tailor Made with different insert width and corner radii.

C

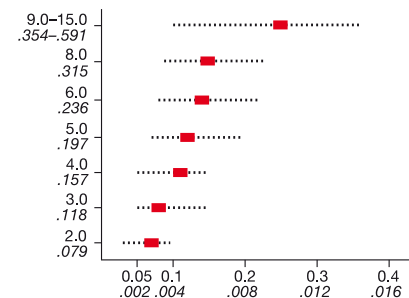


123-GM

Medium feed choice

Radial feed

Insert width (CW), mm, inch



Grooving in all materials

Outstanding chip control.
 Reduces chip width giving good surfaces.

D



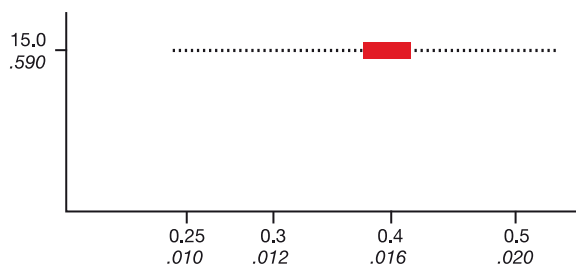
M Seat size
 CW, mm (inch)
 9-11 (.354-.433)

E

Feed (f_n), mm/r, inch/r

Radial feed

Insert width (CW), mm, inch



Rough grooving, strong cutting edge for tough conditions like grooving through cast skin.
 Good for widening of grooves.

F



123-GR

G

H

■ = Recommended starting value.
 For cutting speed recommendations, see page B180.

Cutting data recommendations for CoroCut® 1-2

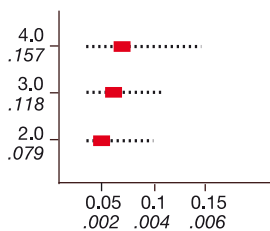
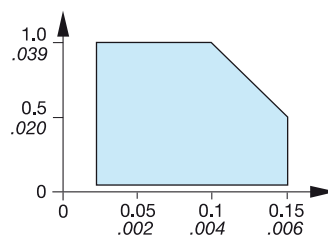
Grooving



123-GS

Radial feed

Insert width (CW), mm, inch

**Axial feed**Cutting depth (a_p), mm, inch

Low feed choice

Feed (f_n), mm/r, inch/rFeed (f_n), mm/r, inch/r

General purpose geometry for grooving with low feed in most materials. Periphery ground with sharp cutting edge.

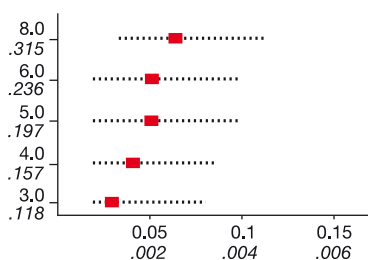
B



123-S

Radial feed

Insert width (CW), mm, inch



Cubic boron nitride tipped

Feed (f_n), mm/r, inch/r**Alternative for finish grooving of hardened materials and heat resistant super alloys**

Maintains close tolerances and gives excellent finish on components. Available as CoroCut 1-edged inserts.

C

D

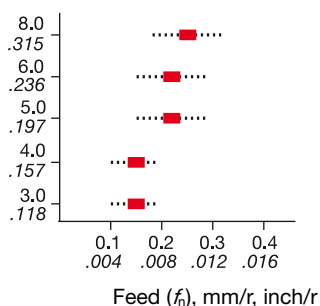
Profiling



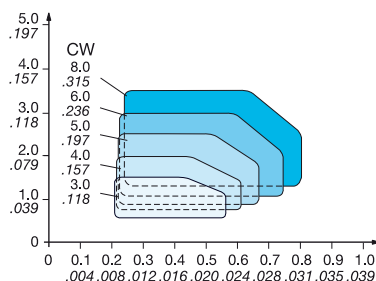
123-RM

Radial feed

Insert width (CW), mm, inch



Medium feed choice

Feed (f_n), mm/r, inch/r**Axial feed**Cutting depth (a_p), mm, inchFeed (f_n), mm/r, inch/r**Excellent for profiling in all materials**

Outstanding chip control even at low feeds and small depths of cut. Good surface finish. Available as CoroCut 1 and 2-edged inserts.

E

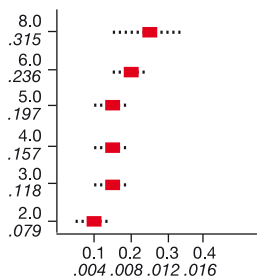
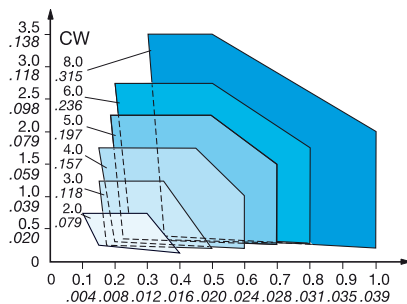
F



123-R0

Radial feed

Insert width (CW), mm, inch

Feed (f_n), mm/r, inch/r**Axial feed**Cutting depth (a_p), mm, inchFeed (f_n), mm/r, inch/r**Excellent for profiling in stainless steel**

HRSA and other sticky materials. Outstanding chip control at low feeds and small depths of cut.

Good surface finish. Sharp cutting edge.

Available as CoroCut 2-edge inserts.

G

H

■ = Recommended starting value.

For cutting speed recommendations, see page B180.

Cutting data recommendations for CoroCut® 1-2

Profiling

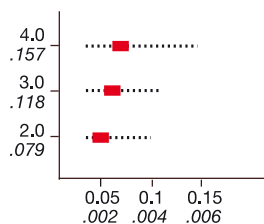
B



123-RS

Radial feed

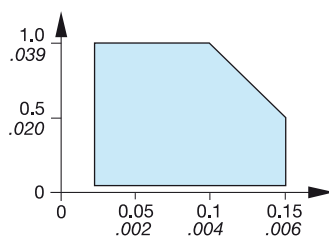
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

Axial feed

Cutting depth (a_p), mm, inch



Feed (f_n), mm/r, inch/r

General purpose geometry for profiling with low chip thickness in most materials.

Periphery ground with sharp cutting edge.

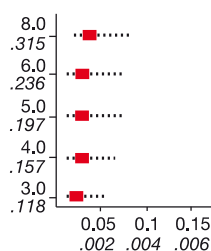
C



123-RE

Radial feed

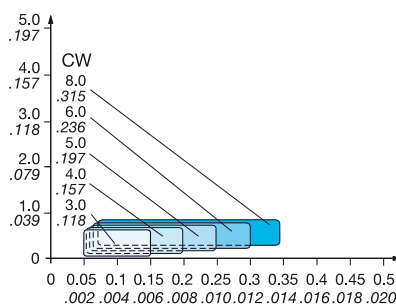
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

Axial feed

Cutting depth (a_p), mm, inch



Feed (f_n), mm/r, inch/r

Alternative for finish profiling of hardened materials.

Gives outstanding productivity and exceptional surface finish.

Available as CoroCut 1-edged inserts.

D

Cubic boron nitride tipped

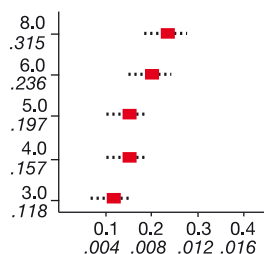
E



123-RS

Radial feed

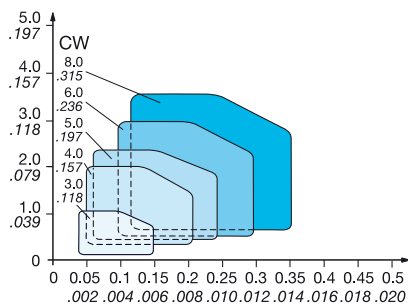
Insert width (CW), inch



Feed (f_n), inch/r

Axial feed

Cutting depth (a_p), inch



Feed (f_n), inch/r

Alternative for finish profiling of non-ferrous materials.

Gives outstanding productivity and exceptional surface finish.

For use under stable conditions.

Available as CoroCut 1-edged inserts.

F

Aluminum profiling

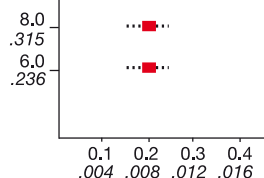
G



123-AM

Radial feed

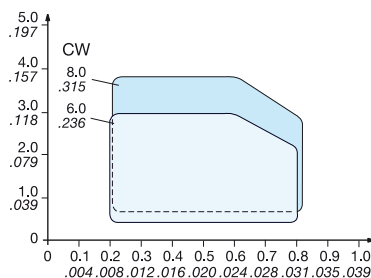
Insert width (CW), mm, inch



Feed (f_n), mm/r, inch/r

Axial feed

Cutting depth (a_p), mm, inch



Feed (f_n), mm/r, inch/r

First choice for profiling in non-ferrous materials.

Good chip flow giving good surface finish.

Sharp cutting edge.

Available as CoroCut 2-edge inserts.

H

For cutting speed recommendations, see page B180.

Cutting data recommendations for CoroCut® 1-2

Turning and plunge turning

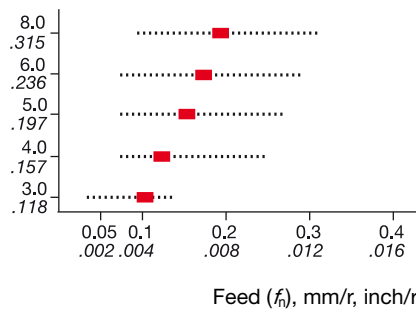


123-TF

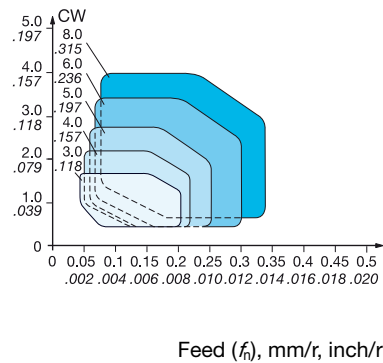
Low feed choice

Radial feed

Insert width (CW), mm, inch



Axial feed

Cutting depth (a_p), mm, inch

Suitable for all turning operations in stainless steels. The positive geometry eliminates the risk of built-up edge. Good chip control and surface finish. Wiper design on the side. Available as CoroCut 1 and 2-edged inserts. First choice for facegrooving.

B

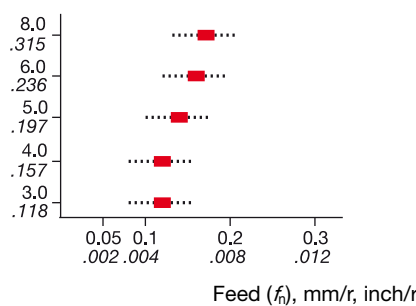


123-TM

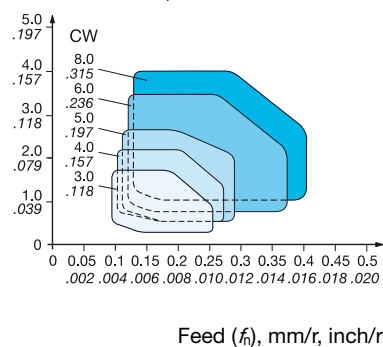
Medium feed choice

Radial feed

Insert width (CW), mm, inch



Axial feed

Cutting depth (a_p), mm, inch

General turning operations

The positive geometry eliminates the risk of built-up edge. Available as CoroCut 2-edge inserts.

D

■ = Recommended starting value at normal speeds

For cutting speed recommendations, see page B180.

E

F

G

H

Cutting data recommendations for CoroCut® 3

Shallow parting

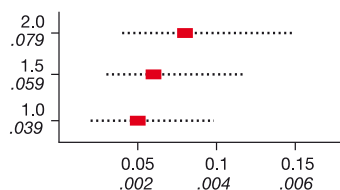
B



123-CM

Radial feed

Insert width (CW), mm, inch

Feed (f_n), mm/r, inch/r

First choice for shallow parting

First choice in most materials

Sharp edge line, chip breaking geometry

To be used at normal cutting speeds 100 – 250 m/min (330 – 820 ft/min)

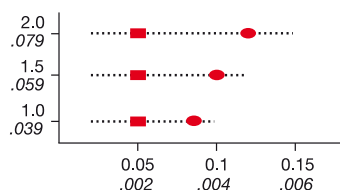
C



123-CS

Radial feed

Insert width (CW), mm, inch

Feed (f_n), mm/r, inch/r

First choice for shallow parting at low speeds.

For sticky materials and ball bearing materials

Extremely sharp edge line with an open chip former

To be used for non-ferrous materials at normal cutting speeds 100 – 250 m/min (330 – 820 ft/min)

Right (R) or left (L) hand inserts to be used for pip and burr free machining.

D

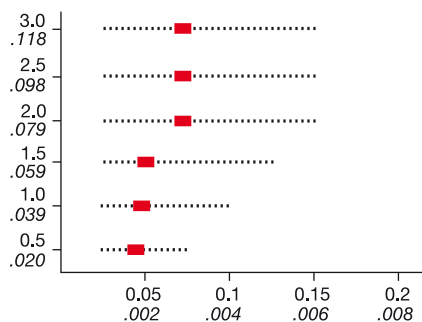
Grooving



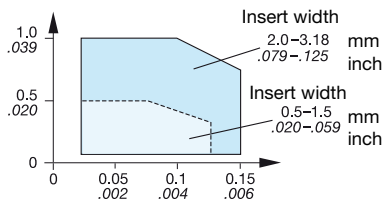
123-GS

Radial feed

Insert width (W1), mm, inch

Feed (f_n), mm/r, inch/r

Axial feed

Cutting depth (a_p), mm, inchFeed (f_n), mm/r, inch/r

E

F

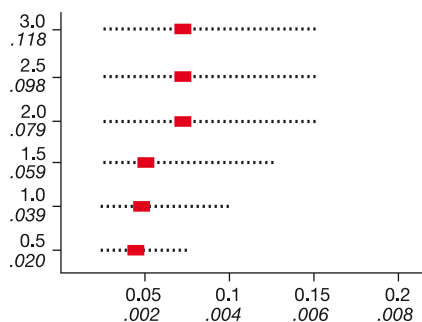
Profiling



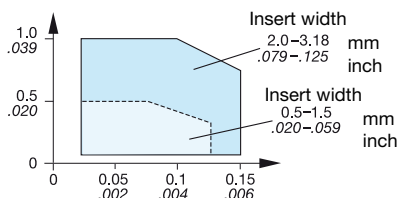
123-RS

Radial feed

Insert width (W1), mm, inch

Feed (f_n), mm/r, inch/r

Axial feed

Cutting depth (a_p), mm, inchFeed (f_n), mm/r, inch/r

G

H

■ = Recommended starting value at normal speeds

● = Recommended starting value at low speeds

For cutting speed recommendations, see page B180.

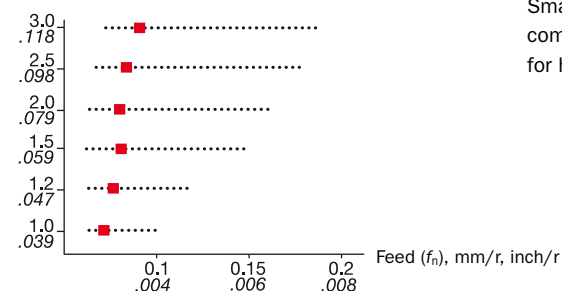
Cutting data recommendations for CoroCut® QD

QD-N...-CF



Radial feed

Cutting width (CW), mm, inch



Positive geometry for low feed

First choice for thin walled components and small diameters. Small corner radii and positive geometry reduce pip and burr on component in stainless steel and sticky materials. Wiper corners for high surface finish.

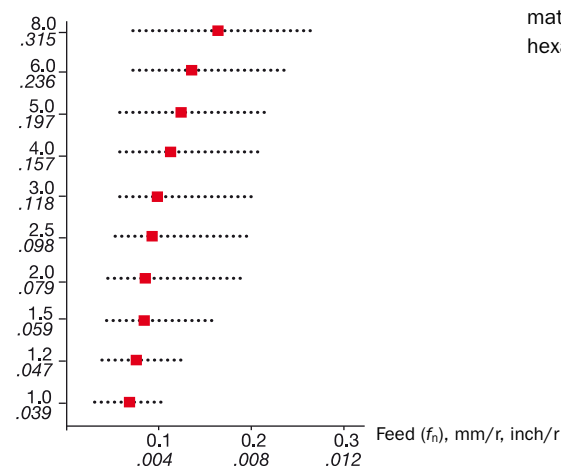
B

QD-N...-CM



Radial feed

Cutting width (CW), mm, inch



First choice, universal geometry

First choice for parting off to center at good conditions in most materials and light intermittent applications such as parting hexagonal bars.

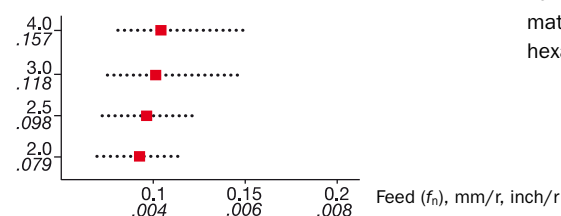
C

QD-R/L...-CM



Radial feed

Cutting width (CW), mm, inch



Universal geometry

For reducing pip and burr in parting off at good conditions at most material and light intermittent applications such as parting hexagonal bars.

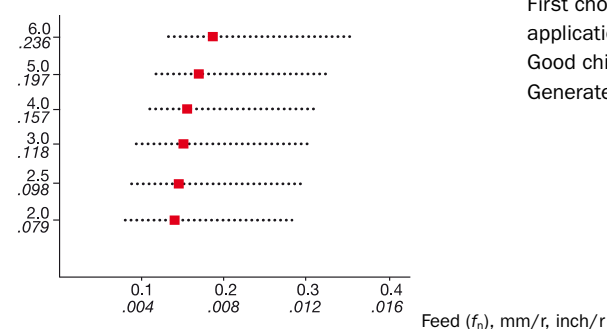
E

QD-N...-CR



Radial feed

Cutting width (CW), mm, inch



Strong geometry, negative cutting edge

First choice for parting off to center at rough conditions and applications with severe intermittence. Good chip control at high feed. Generates flat groove bottom.

F

G

■ = Recommended starting value.

For cutting speed recommendations, see page B180.

H

A

Cutting data recommendations for CoroCut® QD

QD-N..-CL

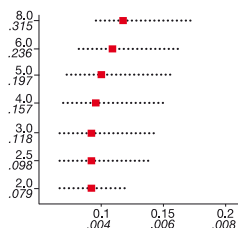
Radial feed

Cutting width (CW), mm, inch

Aggressive geometry for long chipping material

Good chip breaking in low carbon steel, bearing steel and other sticky materials

Low-medium feeds.

Feed (f_n), mm/r, inch/r

B

QD-N..-CO

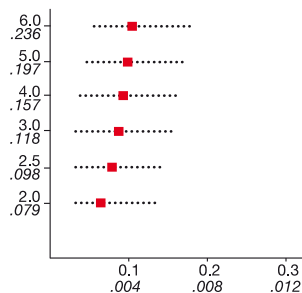
Radial feed

Cutting width (CW), mm, inch

Optimizer geometry – front ground, sharp cutting egde

First choice for HRSA (ISO S) materials, duplex stainless steels & non ferrous metals

Low cutting forces, reduce built-up edge and minimize risk for vibrations.

Feed (f_n), mm/r, inch/r

C

QD-R/L..-CO

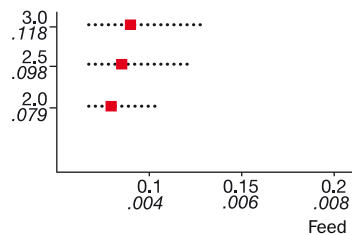
Radial feed

Cutting width (CW), mm, inch

Optimizer geometry – front ground, sharp cutting egde

For reducing pip and burr in parting off at good conditions at most material and light intermittent applications such as parting hexagonal bars.

Low cutting forces, reduce built-up edge and minimize risk for vibrations.

Feed (f_n), mm/r, inch/r

D

QD-N..-TF

Radial feed

Cutting width (CW), mm, inch

Axial feed

Cutting depth (a_p), mm, inch**First choice geometry for turning wider grooves**

Our most universal geometry, for turning of grooves in all materials.

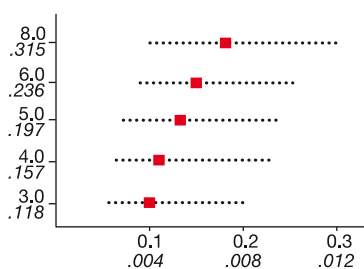
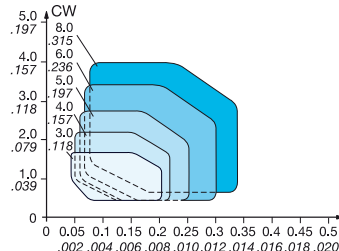
Positive geometry gives low cutting forces and good chip control.

Good surface finish thanks to wiper design.

Generates flat bottom grooves.



Wiper

Feed (f_n), mm/r, inch/rFeed (f_t), mm/r, inch/r

F

QD-N..-GM

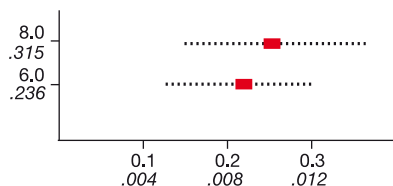
Radial feed

Cutting width (CW), mm, inch

Grooving in all materials

Outstanding chip control.

Reduces chip width giving good surfaces.

Feed (f_n), mm/r, inch/r

G

H

■ = Recommended starting value.

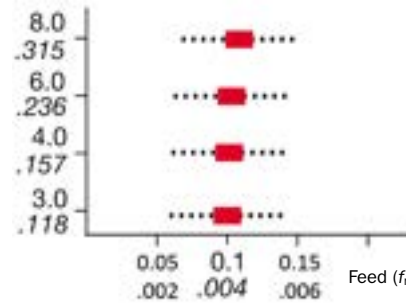
For cutting speed recommendations, see page B180.

Cutting data recommendations for CoroCut® QD

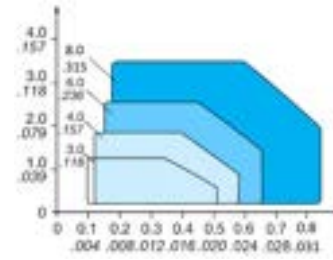
QD-N.-RM

Radial feed

Cutting width (CW), mm, inch

Feed (f_n), mm/r, inch/r

Axial feed

Cutting depth (a_p), mm, inchFeed (f_n), mm/r, inch/r

■ = Recommended starting value.

For cutting speed recommendations, see page B180.

B

C

D

E

F

G

H

T-Max Q-Cut®

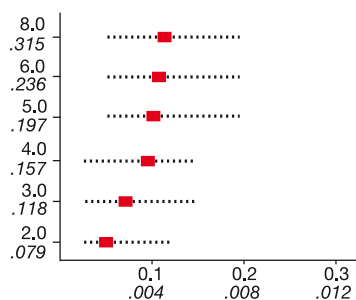
Internal grooving



151.3-4G

Radial feed

Insert width (W1), mm, inch



Low feed choice

Feed (f_n), mm/r, inch/r

Note:

Inserts type 151.3 (-4G, -7G and -7P) can only be used with holders type F151.37 or bars type AG151.32

Alternative choice for internal grooving of smallest bores.?

Good accuracy and repeatability due to tight tolerances on inserts.

Low cutting forces and good chip control in a wide range of materials.

Sharp cutting edge.

Face grooving



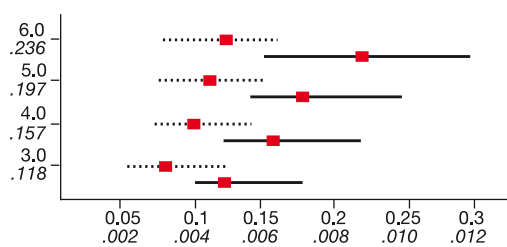
151.3-7G

TECHNOLOGY
Wiper

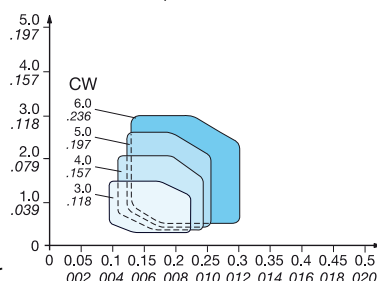
Medium feed choice

Radial feed

Insert width (W1), mm, inch

Feed (f_n), mm/r, inch/r

Axial feed

Cutting depth (a_p), mm, inchFeed (f_n), mm/r, inch/r

First choice for facegrooving.

Good chip control both when cutting first groove and opening up. Smaller diameter grooves can be cut. Excellent stability. For facegrooving in all materials.

..... = Axial feed, approx. range, inch/r, first cut
 ————— = Axial feed, approx. range, inch/r, opening cut

First choice for internal turning/grooving

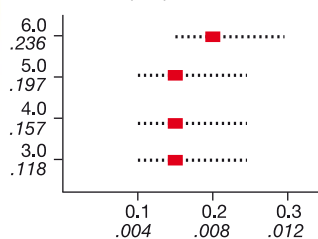
Good chip control.
 Generates good surface finish due to Wiper design.



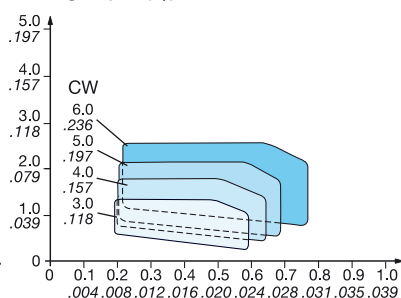
151.3-7P

Radial feed

Insert width (W1), mm, inch

Feed (f_n), mm/r, inch/r

Axial feed

Cutting depth (a_p), mm, inchFeed (f_n), mm/r, inch/r

For profiling in face grooving operations.

Good chip control in both axial and radial direction.
 Also well suited for internal profiling operations.

■ = Recommended starting value.

For cutting speed recommendations, see page B180.

CoroThread®

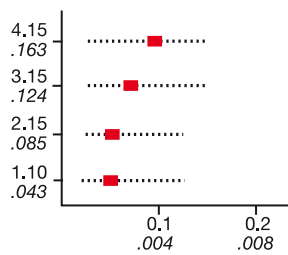
Circlip grooving



254R/LG

Radial feed

Insert width (W1), mm, inch



Feed (f_r), mm/r, inch/r

Alternative for good economy when grooving circlips.

High productivity and reliability through low cutting forces and little vibration.

Three cutting edges give good economy. Recommended for use in all materials.

B

■ = Recommended starting value.

For cutting speed recommendations, see page B180.

C

D

E

F

G

H

Grades for parting and grooving

P

Steel, cast steel, long chipping malleable iron

B

Basic grades



GC1125 (HC) – P30 (P15-P45)
This PVD-coated cemented carbide is an excellent all-round grade. A good choice for parting-off tubes in steel. Also very good in grooving and turning operations. Speeds and feeds from medium to low.

C



GC4325 (HC) – P25 (P10-P40)
A CVD-coated carbide grade for finishing to roughing of steel and steel castings. This grade can handle continuous cuts as well as interrupted cuts at high metal removal rates. A grade for a broad application area. Equipped with Inveio™ coating technology.

D



GC1135 (HC) – P25 (P10-P45)
A CVD-coated carbide grade for toughness demanding operations such as cut-off to center and interrupted cuts. Back-up alternative when grooving and turning. Very good bulk and edge-line toughness. Used at low to medium cutting speeds.

E



GC2135 (HC) – P35 (P20-P50)
A CVD-coated carbide grade for toughness demanding operations such as cut-off to center and interrupted cuts. Back-up alternative when grooving and turning. Very good bulk and edge-line toughness. Used at low to medium cutting speeds.

F

G

Letter symbols specifying the designation of hard cutting materials:

Hardmetals:

HW

Uncoated hardmetal containing primarily tungsten carbide (WC)

HT

Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TiC) or titanium nitrides (TiN) or both.

H

HC

Hardmetals as above, but coated.

Complementary grades



GC3115 (HC) – P15 (P05-P25)
A very high wear resistant CVD coated grade. Especially recommended for grooving and turning in stable conditions. Due to its excellent hot hardness, also effective in hard steels. To be used at high cutting speeds under good conditions.



GC1145 (HC) – P45 (P25-P50)
A PVD-coated carbide grade with very high demands on toughness behavior. It is suitable in parting-off operations and applications demanding very good edge-line toughness. Works well in smearing materials. Used at low cutting speeds.



CT525 (HT) – P10 (P01-P15)
An uncoated cermet grade with excellent resistance to oxidation and smearing. For high-quality surface finishes when grooving low alloyed and alloyed steels under fairly good conditions. Moderate cutting speeds and feeds.



GC1025 (HC) – P25 (P15–P45)
A PVD-coated carbide grade excellent as an all-round grade for small part machining. This grade works very well in low carbon steel and other smearing materials. Speeds and feeds from medium to low.

Ceramics:

CA

Oxide ceramics containing primarily aluminum oxide (Al₂O₃).

CM

Mixed ceramics containing primarily aluminum oxide (Al₂O₃) but containing components other than oxides.

CN

Nitride ceramics containing primarily silicon nitride (Si₃N₄).

CC

Ceramics as above, but coated.

Diamond:

DP

Polycrystalline diamond¹⁾.

Cubic boron nitride:

BN

Polycrystalline boron nitride¹⁾.

¹⁾ Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

Grades for parting and grooving



Austenitic/ferritic/martensitic stainless steel, cast steel, manganese steel, alloy cast iron, malleable iron, free cutting steel

Basic grades



GC1135 (HC) – M25 (M10-M35)

A CVD-coated carbide grade for parting-off and other toughness demanding operations. Very good bulk and edge-line toughness. To be used at medium to low cutting speeds.



GC1145 (HC) – M40 (M30-M40)

A PVD-coated carbide grade with very high demands on toughness behavior. It is suitable in parting-off operations and applications demanding very good edge-line toughness. Works well in smearing materials. The substrate has an extremely good bulk toughness and should be used at low cutting speeds or in combination with high-precision coolant tools.



GC2135 (HC) – M30 (M20-M40)

A CVD-coated carbide grade for parting-off and other toughness demanding operations. Very good bulk and edge-line toughness. To be used at medium to low cutting speeds.



GC1125 (HC) – M25 (M15-M35)

A PVD-coated carbide grade. This grade has a combination of high wear resistance and good edge security. For grooving and turning operations and also good for parting-off, especially tubes. Medium to low cutting speeds

Complementary grades



GC1105 (HC) – M15 (M05 - M20)

A PVD-coated carbide grade that has high hot hardness and good resistance against plastic deformation guarantees high performance with even flank wear. Suitable for grooving and profiling in stable conditions at high speeds.



GC1025 (HC) – M25 (M15-M35)

A PVD-coated carbide grade with a combination of high wear resistance and good edge security. To be used for grooving and parting-off in small part machining. Medium to low cutting speeds.



CT525 (HT) – M10 (M05-M15)

An uncoated cermet grade with excellent resistance to oxidation and smearing. For high-quality surface finishes when grooving under good conditions. Moderate cutting speeds and feeds.



GC1115 (HC) – M15 (M05-M25)

A PVD-coated carbide grade. The grade has high hot hardness and good resistance against plastic deformation combined with good edge-line security. This guarantees toughness, even flank wear, and high performance of the edge. For profiling and grooving operations.

Letter symbols specifying the designation of hard cutting materials:

Hardmetals:

HW Uncoated hardmetal containing primarily tungsten carbide (WC)

HT Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TiC) or titanium nitrides (TiN) or both.

HC Hardmetals as above, but coated.

Ceramics:

CA Oxide ceramics containing primarily aluminum oxide (Al₂O₃).

CM Mixed ceramics containing primarily aluminum oxide (Al₂O₃) but containing components other than oxides.

CN Nitride ceramics containing primarily silicon nitride (Si₃N₄).

CC Ceramics as above, but coated.

Diamond:

DP Polycrystalline diamond¹⁾.

Cubic boron nitride:

BN Polycrystalline boron nitride¹⁾.

¹⁾ Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

Grades for parting and grooving

K

Cast iron, chilled cast iron, short chipping malleable iron

B

Basic grades



GC4325 (HC) - K25 (K10-K35)
An all-purpose CVD coated grade with an excellent combination of high wear resistance and good edge security. To be used in grooving and turning operations at medium to high cutting speeds. Also good in parting off tubes.

Complementary grades



GC3020 (HC) – K15 (K05-K25)
A very high wear resistant CVD coated grade for high cutting speeds in grooving and turning under good conditions. Due to its excellent hot hardness, also effective on hard cast iron.

C



GC3115 (HC) – K15 (K05-K25)
A CVD-coated grade for high cutting speeds in grooving and turning under good conditions. Due to its excellent hot hardness, it is also effective on hard cast iron.



H13A (HW) – K20 (K10-K30)
A uncoated grade with good abrasive wear resistance and toughness. For parting/grooving operations

D



GC1125 (HC) - K30 (K15-K35)
A new PVD coated all-purpose grade for toughness demanding operations and interrupted cuts. To be used at medium to low cutting speeds.



GC1025 (HC) – K30 (K15-K35)
A PVD-coated all-round grade for toughness demanding operations and interrupted cuts. To be used at medium to low cutting speeds.

E



GC1135 (HC) – K20 (K10-K30)
A CVD-coated carbide grade for parting-off and other toughness demanding operations. Very good bulk and edge-line toughness. To be used at medium to low cutting speeds.

F

G

Letter symbols specifying the designation of hard cutting materials:

Hardmetals:

HW

Uncoated hardmetal containing primarily tungsten carbide (WC)

HT

Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TiC) or titanium nitrides (TiN) or both.

Ceramics:

CA

Oxide ceramics containing primarily aluminum oxide (Al₂O₃).

CM

Mixed ceramics containing primarily aluminum oxide (Al₂O₃) but containing components other than oxides.

CN

Nitride ceramics containing primarily silicon nitride (Si₃N₄).

Diamond:

DP

Polycrystalline diamond¹⁾.

Cubic boron nitride:

BN

Polycrystalline boron nitride¹⁾.

¹⁾ Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

H

HC

Hardmetals as above, but coated.

CC

Ceramics as above, but coated.

Grades for parting and grooving



Non-ferrous metals

Basic grades



GC1125 (HC) - N25 (N15-N35)

A new PVD coated grade for toughness demanding operations, recommended for interrupted cuts.



H13A (HW) – N20 (N10-N30)

An uncoated carbide grade. Combines good abrasive wear resistance and toughness. For parting and grooving.



H10 (HW) – N10 (N05-N15)

An uncoated carbide grade with good edge sharpness. Recommended for intermittent cuts.



CD10 (DP) – N01 (N01-N15)

A polycrystalline diamond (PCD) grade recommended for profiling of abrasive non-ferrous metals and non-metallic materials at stable conditions. Very good surface finish.

Complementary grades



GC1105 (HC) - N15 (N05-N25)

A PVD-coated grade with excellent adhesion on sharp edges, guarantees toughness, even flank wear and high performance.



GC1025 (HC) – N25 (N15-N30)

A PVD-coated grade for toughness demanding operations. Recommended for small part machining.

B

C

D

E

F

G

H

Letter symbols specifying the designation of hard cutting materials:

Hardmetals:

HW Uncoated hardmetal containing primarily tungsten carbide (WC)

HT Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TiC) or titanium nitrides (TiN) or both.

HC Hardmetals as above, but coated.

Ceramics:

CA Oxide ceramics containing primarily aluminum oxide (Al₂O₃).

CM Mixed ceramics containing primarily aluminum oxide (Al₂O₃) but containing components other than oxides.

CN Nitride ceramics containing primarily silicon nitride (Si₃N₄).

CC Ceramics as above, but coated.

Diamond:

DP Polycrystalline diamond¹⁾.

Cubic boron nitride:

BN Polycrystalline boron nitride¹⁾.

¹⁾ Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

Grades for parting and grooving

S

Heat resistant super alloys

B

Basic grades



GC1105 (HC) – S15 (S10-S20)
A PVD-coated carbide grade with high hot hardness and good resistance against plastic deformation, giving even flank wear and outstanding performance. First Choice for grooving and profiling.

C



GC1145 (HC) – S40 (S30-S40)
A PVD-coated carbide grade. First Choice for parting-off when demand on secure edge line is needed. To be used at low cutting speeds

D



S05F (HC) – S10 (S05-S15)
A CVD-coated carbide grade. To be used both for high-speed finishing and roughing profiling operations.



GC1125 (HC) - S25 (S15-S35)
A PVD coated grade for toughness demanding operations. First choice for interrupted cuts. To be used at low cutting speeds.

E



H13A (HW) – S15 (S10-S30)
Uncoated carbide grade. Combines good abrasive wear resistance and toughness for parting and grooving. First choice in titanium.

F

G

Letter symbols specifying the designation of hard cutting materials:
Hardmetals:
HW Uncoated hardmetal containing primarily tungsten carbide (WC)

HT Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TiC) or titanium nitrides (TiN) or both.

H

HC Hardmetals as above, but coated.

Complementary grades



CB7015 (BN) – S15 (S05-S25)
A cubic boron nitride composite suited for heat-resistant super alloys. This grade allows sharp edges optimized for surface finish and low depth of cuts.



GC1115 (HC) – S20 (S10-S25)
A PVD-coated carbide grade with high hardness and combined with superior edge-line security. Good resistance against notch makes the grade suitable to use in difficult materials.



GC1135 (HC) – S25 (S10-S35)
A PVD-coated carbide grade for toughness demanding operations. To be used at low cutting speeds.



GC2135 (HC) – S30 (S20–S40)
A CVD-coated carbide grade for toughness demanding operations such as cut-off to center and interrupted cuts.



CC670 (CA) – S10 (S05-S25)
A whisker reinforced, aluminum oxide-based ceramic with excellent bulk toughness. To be used under favorable conditions.



GC1025 (HC) – S25 (S15-S35)
A PVD-coated grade for toughness demanding operations. Recommended for small part machining. To be used at low cutting speeds.

Ceramics:
CA Oxide ceramics containing primarily aluminum oxide (Al₂O₃).

CM Mixed ceramics containing primarily aluminum oxide (Al₂O₃) but containing components other than oxides.

CN Nitride ceramics containing primarily silicon nitride (Si₃N₄).

CC Ceramics as above, but coated.

Diamond:
DP Polycrystalline diamond¹⁾.

Cubic boron nitride:
BN Polycrystalline boron nitride¹⁾.

¹⁾ Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

Grades for parting and grooving

H

Hardened materials

Basic grades



CB7015 (BN) – H15 (H05-H20)
A cubic boron nitride composite for hardened ferrous materials. Suitable for both continuous and interrupted cuts.



CB7025 (BN) – H15 (H10-H20)
A cubic boron nitride composite for hardened ferrous material. Suitable for cuts with substantial interruptions at medium speeds in case-hardened steels, bearing steels.

Letter symbols specifying the designation of hard cutting materials:

Hardmetals:	
HW	Uncoated hardmetal containing primarily tungsten carbide (WC)
HT	Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TiC) or titanium nitrides (TiN) or both.
HC	Hardmetals as above, but coated.

Ceramics:	
CA	Oxide ceramics containing primarily aluminum oxide (Al ₂ O ₃).
CM	Mixed ceramics containing primarily aluminum oxide (Al ₂ O ₃) but containing components other than oxides.
CN	Nitride ceramics containing primarily silicon nitride (Si ₃ N ₄).
CC	Ceramics as above, but coated.

Diamond:	
DP	Polycrystalline diamond ¹⁾ .
Cubic boron nitride:	
BN	Polycrystalline boron nitride ¹⁾ .
¹⁾ Polycrystalline diamond and polycrystalline boron nitride are also named <i>superhard cutting materials</i> .	



Thread turning

CoroThread® 266 C4

Inserts	C5-C47
External tools	C48-C56
Internal tools	C57-C63

T-Max® U-Lock C64

Inserts	C65-C70
Internal tools	C71-C74

CoroCut® XS C75

Inserts	C76-C79
External tools	B132-B133

CoroTurn® XS C80

Cutting tools	C81-C86
Adapters	F2

CoroCut® MB C87

Cutting tools	C88-C93
Adapters	F2

Threading profiles

B

	V-profile 60° Non-topping		V-profile 55° Non-topping		Metric 60° Topping		UN 60° Topping		Whitworth 55° (BSW, BSF, BSP) Full form	
					ISO 965-1998 Tolerance class 6		ISO 5864-1978 Tolerance class 2A, ext. Tolerance class 2B, int.		ISO 228-1982 BS 2779-1973 BS 84-1956 Class A tolerance	
	Internal	External	Internal	External	Internal	External	Internal	External	Internal	External
CoroThread® 266	C6	C5	C8	C7	C13-C16	C9-C12	C21-C23	C17-C20	C27-C28	C24-C26
T-Max U-Lock®	C65		C66		C67		C68		C69	
CoroCut® XS		C76				C77		C78		C78
CoroTurn® XS	C85				C82		C83		C84	
CoroCut® MB	C88				C89		C90		C91	

C

D

	NPT 60° (NPSC, NPT, LINE PIPE) Full form		BSPT 55° Topping		NPTF 60° Topping		Round 30° Topping		MJ 60° Topping	
	ANSI B.1.20.1-1983		ISO 7/1 BS21:1985		ANSI B1.20.3-1976 Tolerance class 2		DIN 405. Tolerance class 7 on effective dia. Tolerance class 6 on major (external) and minor (internal) dia.		ISO 5855-1983 Tolerance class 4 on pitch diameter. Tolerance class 6 on major (external) and minor (internal) dia.	
	Internal	External	Internal	External	Internal	External	Internal	External	Internal	External
CoroThread® 266	C29-C31		C33	C32	C34	C34	C36	C35		C37
T-Max U-Lock®	C70									
CoroCut® XS		C79								
CoroTurn® XS	C92									
CoroCut® MB	C92									

E

F

	UNJ 60° Full form		ISO Trapezoidal 30° Chamfered crest form		ACME 29° Chamfered crest form		STUB-ACME 29° Chamfered crest form		API 60° Topping for shouldered connections	
	ISO 3161-1977 BS 4084-1978 Tolerance class 3A		ISO 2901-2904 DIN 103-1977 Tolerance class 7		ANSI B1.5-1988 Tolerance class 2G		ANSI B1.8-1988 Tolerance class 2G		API spec. 7	
	Internal	External	Internal	External	Internal	External	Internal	External	Internal	External
CoroThread® 266		C38	C40	C39	C42	C41	C44	C43	C45	C45
T-Max U-Lock®										
CoroCut® XS										
CoroTurn® XS			C86							
CoroCut® MB					C93		C93			

G

H

	API Round 60° Topping		API Topping for casing and tubing	
	API spec. 5B		API spec. 5B	
	Internal	External	Internal	External
CoroThread® 266	C46	C46	C47	C47
T-Max U-Lock®				
CoroCut® XS				
CoroTurn® XS				
CoroCut® MB				

CoroThread® 266

External tools



CoroThread® 266 cutting unit for thread turning

Page C48



CoroThread® 266 shank tool for thread turning

Page C52



CoroThread® 266 QS shank tool for thread turning

Page C55



CoroThread® 266 head for thread turning

Page C56

Internal tools



CoroThread® 266 cutting unit for thread turning

Page C57



CoroThread® 266 boring bar for thread turning

Page C59



CoroThread® 266 head for thread turning

Page C62

T-Max® U-Lock

Internal tools



T-Max® U-Lock cutting unit for thread turning

Page C71



T-Max® U-Lock solid carbide boring bar for thread turning

Page C72



T-Max® U-Lock head for thread turning

Page C74

CoroCut® XS



CoroCut® XS

Page B132

CoroTurn® XS



CoroTurn® XS adapter

Page F2

CoroCut® MB



CoroCut® MB adapter

Page F2

CoroThread® 266

Ultra-rigid thread turning for all types of threads

B

Application

- External threads
- Internal threads

ISO application area:



C

Benefits and features

- Reduced machine- and downtime
- Excellent surface finish thanks to the exceptional stability
- Three sharp cutting edges for high-quality threads
- Multi-point inserts available, require fewer passes, resulting in increased productivity
- Large standard product range of tools and thread profile inserts
- Unique guide rail interface between the insert and tip seat
- Good edge indexing
- Easy to mount the insert correctly

High-precision coolant from above controls the chip breaking for secure machining, while under coolant controls the temperature for long and predictable tool life.



www.sandvik.coromant.com/corothread266

D

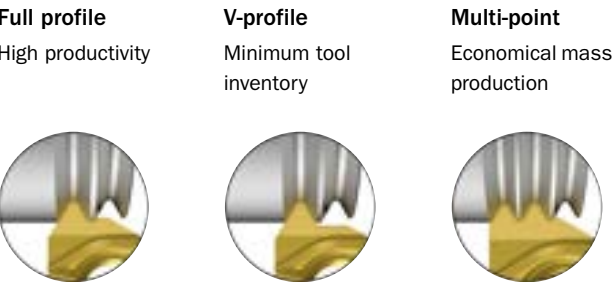
Inserts

- Insert geometries and grades for all materials
- Tailor Made inserts for almost any thread form or pitch



E

Three different threading insert types



F

Tools

- Coromant Capto® cutting units
- Shank tools
- Boring bars
- CoroTurn® SL heads



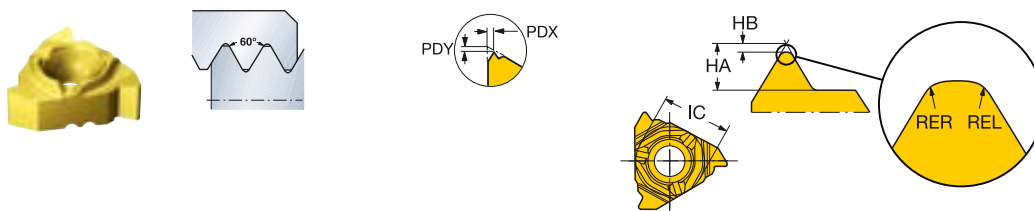
G

Secure iLock™ clamping

The slotted insert sits rigidly on the T-rails in the pocket eliminating any insert movement caused by cutting force variations.

CoroThread® 266 insert for thread turning

V-profile 60° Non-topping



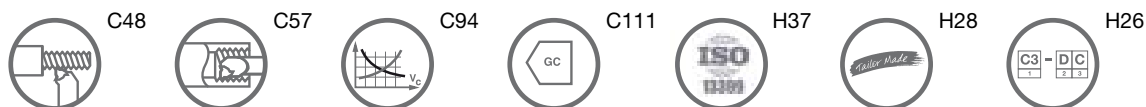
External right-hand threads

								P	M	K	N	S	H	Dimensions, mm, inch												
							Ordering code	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	7015	RER	REL	HA	HB	PDX	PDY
		TPN	TPX	TPIN	TPIX	NT																				
16	3/8	1.0	2.0	12.0	24.0	1	266RG-16VM01A001EE													*	0.13	0.13	1.68	0.14	1.00	1.03
																					.005	.005	.0661	.0055	.039	.041
		1.0	2.0	12.0	24.0	1	266RG-16VM01A001M		*	*		*	*		*	*		*	*		0.13	0.13	1.68	0.14	1.00	1.03
																					.005	.005	.0661	.0055	.039	.041
		1.0	2.0	12.0	24.0	1	266RG-16VM01C001M		*		*		*		*		*		*		0.13	0.13	1.68	0.14	1.00	1.03
																					.005	.005	.0661	.0055	.039	.041
		1.0	2.0	12.0	24.0	1	266RG-16VM01F001E			*		*		*		*		*		*	0.13	0.13	1.68	0.14	1.00	1.03
																					.005	.005	.0661	.0055	.039	.041
		1.5	3.0	8.0	16.0	1	266RG-16VM01A002EE													*	0.20	0.20	2.64	0.20	1.50	1.03
																					.008	.008	.1039	.0079	.059	.041
		1.5	3.0	8.0	16.0	1	266RG-16VM01A002M		*	*		*	*		*	*		*	*		0.20	0.20	2.64	0.20	1.50	1.03
																					.008	.008	.1039	.0079	.059	.041
		1.5	3.0	8.0	16.0	1	266RG-16VM01C002M		*		*		*		*		*		*		0.20	0.20	2.64	0.20	1.50	1.03
																					.008	.008	.1039	.0079	.059	.041
		1.5	3.0	8.0	16.0	1	266RG-16VM01F002E			*		*		*		*		*		*	0.20	0.20	2.64	0.20	1.50	1.03
																					.008	.008	.1039	.0079	.059	.041
22	1/2	3.5	6.0	4.0	7.0	1	266RG-22VM01A001M		*	*		*	*		*	*		*	*		0.48	0.48	4.92	0.48	2.90	0.39
																					.019	.019	.1937	.0189	.114	.015
		3.5	6.0	4.0	7.0	1	266RG-22VM01F001E		*		*		*		*		*		*		0.48	0.48	4.92	0.48	2.90	0.39
																					.019	.019	.1937	.0189	.114	.015

External left-hand threads

								P			M			K			N			S			H			Dimensions, mm, inch						
		TPN	TPX	TPIN	TPIX	NT	Ordering code	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	RER	REL	HA	HB	PDX	PDY	
16	3/8	1.0	2.0	12.0	24.0	1	266LG-16VM01A001M		★	☆		☆	★		★	☆		★	☆		☆	★		☆	☆	0.13	0.13	1.68	0.14	1.00	1.03	
		1.5	3.0	8.0	16.0	1	266LG-16VM01A002M		★	☆		☆	★		★	☆		★	☆		☆	★		☆	☆	.005	.005	.0661	.0055	.039	.041	
									★			☆			★			★			☆			☆		0.20	0.20	2.64	0.20	1.50	0.99	
																										.008	.008	.1039	.0079	.059	.039	
22	1/2	3.5	6.0	4.0	7.0	1	266LG-22VM01A001M	☆	★		☆	★		☆	★		☆	★		☆	★		☆	☆	0.48	0.48	4.92	0.48	2.90	0.39		
																										.019	.019	.1937	.0189	.114	.015	

R = Right hand, L = Left hand



V-profile 60° Non-topping



								Ordering code		P		M		K		N		S		H		Dimensions, mm, inch											
										1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	7015	RER	REL	HA	HB	PDX
16	3/8	1.0	2.0	12.0	24.0	1	266RL-16VM01A001M		★	☆		☆	★		★	☆		☆	★		☆	★		☆	★		☆	0.06	0.06	1.45	0.06	1.00	1.01
		1.0	2.0	12.0	24.0	1	266RL-16VM01C001M			★		★		★		★		★		★		☆					0.06	0.06	1.45	0.06	1.00	1.02	
		1.0	2.0	12.0	24.0	1	266RL-16VM01F001E			★		★		★		★		★		★		☆					0.06	0.06	1.45	0.06	1.00	1.02	
		1.5	3.0	8.0	16.0	1	266RL-16VM01A002EE															★					0.09	0.09	2.54	0.09	1.50	1.01	
		1.5	3.0	8.0	16.0	1	266RL-16VM01A002M		★	☆		☆	★		★	☆		☆	★		☆	★		☆	★		0.09	0.09	2.54	0.09	1.50	1.01	
		1.5	3.0	8.0	16.0	1	266RL-16VM01C002M			★		★		★		★		★		★		☆					0.09	0.09	2.54	0.09	1.50	1.03	
		1.5	3.0	8.0	16.0	1	266RL-16VM01F002E			★		★		★		★		★		★		☆					0.09	0.09	2.54	0.09	1.50	1.03	
22	1/2	3.5	6.0	4.0	7.0	1	266RL-22VM01A001M	☆	★		☆	★		☆	★		☆	★		☆	★		☆	☆			0.26	0.26	4.35	0.26	2.50	0.77	
		3.5	6.0	4.0	7.0	1	266RL-22VM01F001E	★			★		★		★		★		★		☆						0.18	0.18	4.35	0.26	2.50	0.77	
																											0.07	0.07	1.713	0.102	0.098	0.030	

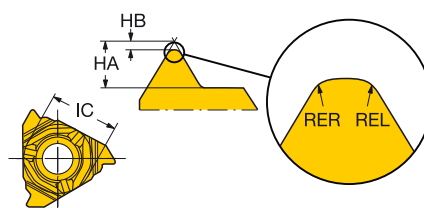
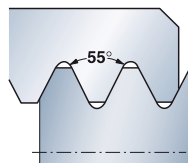
									P	M	K	N	S	H	Dimensions, mm, inch														
								Ordering code	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	RER	REL	HA	HB	PDX	PDY
16	3/8	1.0	2.0	12.0	24.0	1	266LL-16VM01A001M	★	☆	☆	☆	★	☆	☆	★	☆	☆	★	☆	☆	0.06	0.06	1.45	0.06	1.00	1.01			
		1.5	3.0	8.0	16.0	1	266LL-16VM01A002M	★	☆		☆	★		★	☆		★	☆		☆	★	.002	.002	.0571	.0024	.039	.040		
22	1/2	3.5	6.0	4.0	7.0	1	266LL-22VM01A001M	☆	★		☆	★		☆	★		☆	★		☆	☆	0.26	0.26	4.35	0.26	2.75	0.77		
																						.010	.010	.1713	.0102	.108	.030		

R = Right hand, L = Left hand



CoroThread® 266 insert for thread turning

V-profile 55° Non-topping



External right-hand threads

						P			M			K			N			S			H			Dimensions, mm, inch					
		TPIN	TPIX	NT	Ordering code	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	RER	REL	HA	HB	PDX	PDY
16	3/8	14.0	28.0	1	266RG-16VW01A001M	★	☆				☆	★		☆	★		☆		☆	★		☆	☆	0.11	0.11	1.68	0.14	1.00	1.03
		14.0	28.0	1	266RG-16VW01C001M	★				★				★				★				☆		.004	.004	.0661	.0055	.039	.041
		14.0	28.0	1	266RG-16VW01F001E			★			★			★					★			☆		.004	.004	.0661	.0051	.039	.041
		8.0	14.0	1	266RG-16VW01A002M	★	☆			☆	★		☆		★	☆		☆	★		☆	☆	.004	.004	.0661	.0055	.039	.040	
		8.0	14.0	1	266RG-16VW01C002M	★				★				★				★				☆		0.23	0.23	2.79	0.26	1.50	1.03
		8.0	14.0	1	266RG-16VW01F002E			★			★			★					★			☆		.009	.009	.1098	.0102	.059	.041
		8.0	14.0	1	266RG-16VW01C002M	★				★				★					★			☆		0.23	0.23	2.79	0.26	1.50	1.03
		8.0	14.0	1	266RG-16VW01F002E			★			★			★					★			☆		.009	.009	.1098	.0102	.059	.041
																						☆		0.23	0.23	2.79	0.26	1.50	0.99
																							.009	.009	.1098	.0102	.059	.039	
22	1/2	4.0	7.0	1	266RG-22VW01A001M	☆	★			☆	★		☆	★		☆	★		☆	★		☆	☆	0.48	0.48	5.23	0.53	2.75	0.10
		4.0	7.0	1	266RG-22VW01F001E	★				★			★					★				☆		.019	.019	.2059	.0209	.108	.004
																							0.48	0.48	5.23	0.53	2.75	0.10	
																							.019	.019	.2059	.0209	.108	.004	

External left-hand threads

						P	M	K	N	S	H	Dimensions, mm, inch									
					Ordering code	1020	1125	1020	1125	1020	1125	1020	1125	1020	1125	RER	REL	HA	HB	PDX	PDY
	TPIN	TPIX	NT		Ordering code	1020	1125	1020	1125	1020	1125	1020	1125	1020	1125	RER	REL	HA	HB	PDX	PDY
						1020	1125	1020	1125	1020	1125	1020	1125	RER	REL	HA	HB	PDX	PDY		
16	3/8	14.0	28.0	1	266LG-16VW01A001M		★		★		★		★		☆	0.11	0.11	1.68	0.13	1.00	1.03
																.004	.004	.0661	.0051	.039	.041
	8.0	14.0	1	266LG-16VW01A002M		★		★		★		★		☆	0.23	0.23	2.79	0.26	1.50	1.03	
																.009	.009	.1098	.0102	.059	.041
22	1/2	4.0	7.0	1	266LG-22VW01A001M	★		★		★		★		☆	0.48	0.48	5.23	0.53	2.75	0.10	
																.019	.019	.2059	.0209	.108	.004

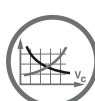
R = Right hand, L = Left hand



C48



C57



C94



C111



H37



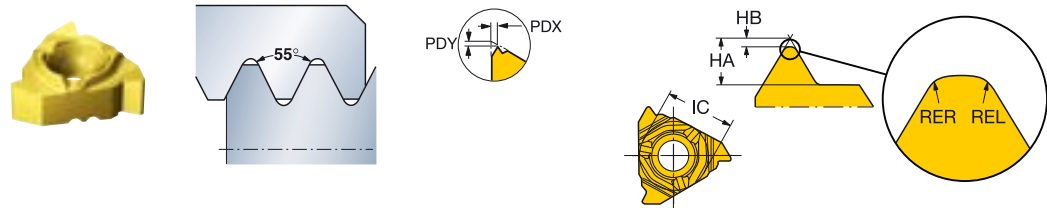
H28



H26

CoroThread® 266 insert for thread turning

V-profile 55° Non-topping



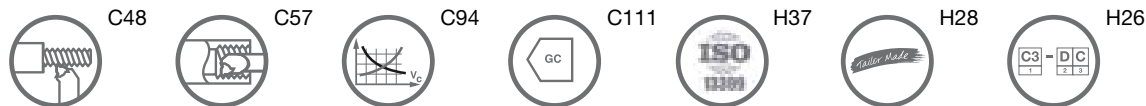
C Internal right-hand threads

						P		M		K		N		S		H		Dimensions, mm, inch								
		TPIN	TPIX	NT	Ordering code	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	RER	REL	HA	HB	PDX	PDY
16	3/8	14.0	28.0	1	266RL-16VW01A001M		★	☆		☆	★		★	☆		★	☆		☆	★	0.11	0.11	1.60	0.12	1.00	1.01
		14.0	28.0	1	266RL-16VW01C001M			★			★			★			★			☆	.004	.004	.0630	.0047	.039	.040
		14.0	28.0	1	266RL-16VW01F001E			★			★			★			★			☆	.004	.004	.0630	.0045	.039	.040
		8.0	14.0	1	266RL-16VW01A002M		★	☆		☆	★		★	☆		☆	★		☆	☆	0.23	0.23	2.80	0.25	1.50	1.01
		8.0	14.0	1	266RL-16VW01C002M			★			★			★			★			☆	.009	.009	.1102	.0098	.059	.040
		8.0	14.0	1	266RL-16VW01F002E			★			★			★			★			☆	.009	.009	.1102	.0094	.059	.041
22	1/2	4.0	7.0	1	266RL-22VW01A001M	☆	★		☆	★		☆	★		☆	★		☆	☆		0.47	0.47	5.18	0.53	2.75	0.19
		4.0	7.0	1	266RL-22VW01F001E	★			★			★			★			★		☆	.047	.047	5.18	0.53	2.75	0.19
																					.019	.019	.2039	.0209	.108	.007

E Internal left-hand threads

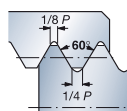
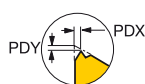
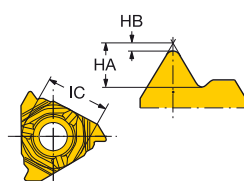
					P	M	K	N	S	H	Dimensions, mm, inch									
	TPIN	TPIX	NT	Ordering code	1020	1125	1020	1125	1020	1125	1020	1125	1020	1125	RER	REL	HA	HB	PDX	PDY
16	3/8	14.0	28.0	1	266LL-16VW01A001M	★	★	★	★	★	★	★	★	☆	0.11	0.11	1.60	0.12	1.00	1.03
		8.0	14.0	1	266LL-16VW01A002M	★	★	★	★	★	★	★	★	☆	.004	.004	.0630	.0047	.039	.041
															0.23	0.23	2.80	0.25	1.50	1.01
															.009	.009	.1102	.0098	.059	.040
22	1/2	4.0	7.0	1	266LL-22VW01A001M	★	★	★	★	★	★	★	★	☆	0.47	0.47	5.18	0.53	2.75	0.19
															.019	.019	.2039	.0209	.108	.007

R = Right hand, L = Left hand



CoroThread® 266 insert for thread turning

Metric 60° Topping

STDNO
TCTRISO 965-1998
IT 6

External right-hand threads

					P		M		K		N		S		H		Dimensions, mm, inch						
		TP	NT	Ordering code	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	HA	HB	PDX	PDY
16	3/8	0.50	1	266RG-16MM01A050M		★	☆		☆	★		★	☆		☆	★		☆	☆	0.37	0.08	0.50	1.32
		.020																		.0146	.0032	.020	.052
		0.75	1	266RG-16MM01A075M		★	☆		☆	★		★	☆		☆	★		☆	☆	0.56	0.11	0.50	1.32
		.030																		.0220	.0043	.020	.052
		0.80	1	266RG-16MM01F080E			★			★			★			★			☆	0.60	0.11	0.60	1.32
		.031																		.0236	.0043	.024	.052
		1.00	1	266RG-16MM01A100M		★	☆		☆	★		★	☆		☆	★		☆	☆	0.75	0.15	0.80	1.32
		.039																		.0295	.0059	.031	.052
		1.00	1	266RG-16MM01C100M		★			★			★			★				☆	0.75	0.15	0.80	1.32
		.039																		.0295	.0059	.031	.052
		1.00	1	266RG-16MM01F100E			★		★			★			★				☆	0.75	0.15	0.80	1.32
		.039																		.0295	.0059	.031	.052
		1.25	1	266RG-16MM01A125M		★	☆		☆	★		★	☆		☆	★		☆	☆	0.93	0.19	0.80	1.32
		.049																		.0366	.0075	.031	.052
		1.25	1	266RG-16MM01C125M		★			★			★			★				☆	0.93	0.19	0.80	1.32
		.049																		.0366	.0075	.031	.052
		1.25	1	266RG-16MM01F125E			★		★			★			★				☆	0.93	0.19	0.80	1.32
		.049																		.0366	.0075	.031	.052
		1.50	1	266RG-16MM01A150M		★	☆		☆	★		★	☆		☆	★		☆	☆	1.12	0.22	1.00	1.32
		.059																		.0441	.0087	.039	.052
		1.50	1	266RG-16MM01C150M		★			★			★			★				☆	1.12	0.22	1.00	1.33
		.059																		.0441	.0087	.039	.052
		1.50	1	266RG-16MM01F150E			★		★			★			★				☆	1.12	0.22	1.00	1.32
		.059																		.0441	.0087	.039	.052
		1.75	1	266RG-16MM01A175M		★	☆		☆	★		★	☆		☆	★		☆	☆	1.31	0.25	1.20	1.32
		.069																		.0516	.0098	.047	.052
		1.75	1	266RG-16MM01C175M		★			★			★			★				☆	1.31	0.25	1.20	1.33
		.069																		.0516	.0098	.047	.052
		1.75	1	266RG-16MM01F175E			★		★			★			★				☆	1.31	0.25	1.20	1.32
		.069																		.0516	.0098	.047	.052
		2.00	1	266RG-16MM01A200M		★	☆		☆	★		★	☆		☆	★		☆	☆	1.50	0.29	1.40	1.32
		.079																		.0591	.0114	.055	.052
		2.00	1	266RG-16MM01C200M		★			★			★			★				☆	1.50	0.29	1.40	1.33
		.079																		.0591	.0114	.055	.052
		2.00	1	266RG-16MM01F200E			★		★			★			★				☆	1.50	0.29	1.40	1.32
		.079																		.0591	.0114	.055	.052
		2.50	1	266RG-16MM01A250M		★	☆		☆	★		★	☆		☆	★		☆	☆	1.87	0.36	1.40	1.32
		.098																		.0736	.0142	.055	.052
		2.50	1	266RG-16MM01C250M		★			★			★			★				☆	1.87	0.36	1.40	1.33
		.098																		.0736	.0142	.055	.052
		2.50	1	266RG-16MM01F250E			★		★			★			★				☆	1.87	0.36	1.40	1.32
		.098																		.0736	.0142	.055	.052
		3.00	1	266RG-16MM01A300M		★	☆		☆	★		★	☆		☆	★		☆	☆	2.25	0.42	1.80	1.32
		.118																		.0886	.0165	.071	.052
		3.00	1	266RG-16MM01C300M		★			★			★			★				☆	2.25	0.42	1.80	1.33
		.118																		.0886	.0165	.071	.052
		3.00	1	266RG-16MM01F300E			★		★			★			★				☆	2.25	0.42	1.80	1.32
		.118																		.0886	.0165	.071	.052

R = Right hand



C48



C57



C94



C111



H37



H28

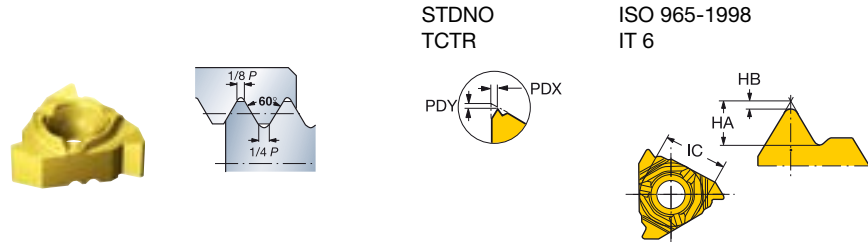


H26

CoroThread® 266 insert for thread turning

Metric 60° Topping

B



C

External right-hand threads

				P	M	K	N	S	H	Dimensions, mm, inch												
		TP	NT	Ordering code	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	HA	HB	PDX	PDY		
22	1/2	3.50	1	266RG-22MM01A350M	☆	★		☆	★		☆	★		☆	★		☆	☆	2.62	0.49	2.50	1.67
		.138																	.1032	.0193	.098	.066
		3.50	1	266RG-22MM01F350E	★			★			★			★			☆		2.62	0.49	2.50	1.67
		.138																	.1032	.0193	.098	.066
		4.00	1	266RG-22MM01A400M	☆	★		☆	★		☆	★		☆	★		☆	☆	3.00	0.56	2.50	1.67
		.157																	.1181	.0220	.098	.066
		4.00	1	266RG-22MM01F400E	★			★			★			★			☆		3.00	0.56	2.50	1.67
		.157																	.1181	.0220	.098	.066
		4.50	1	266RG-22MM01A450M	☆	★		☆	★		☆	★		☆	★		☆	☆	3.37	0.63	2.50	1.67
		.177																	.1327	.0248	.098	.066
		5.00	1	266RG-22MM01A500M	☆	★		☆	★		☆	★		☆	★		☆	☆	3.76	0.71	2.50	1.38
		.197																	.1480	.0280	.098	.054
		5.50	1	266RG-22MM01A550M	☆	★		☆	★		☆	★		☆	★		☆	☆	4.13	0.79	2.50	1.08
		.217																	.1626	.0311	.098	.043
		6.00	1	266RG-22MM01A600M	☆	★		☆	★		☆	★		☆	★		☆	☆	4.51	0.86	2.80	0.88
		.236																	.1776	.0339	.110	.035

R = Right hand

F

G

H

C48

C57

C94

C111

H37

H28

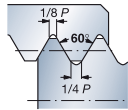
H26

C 10

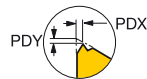
SANDVIK
Coromant

CoroThread® 266 insert for thread turning

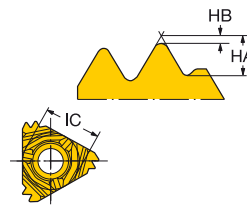
Metric 60° Topping



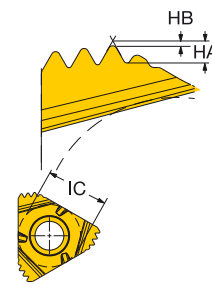
STDNO
TCTR



ISO 965-1998
IT 6



ISO 965-1998
IT 6



External right-hand threads – multipoint insert

						P			M			K			N			S			Dimensions, mm, inch			
		TP	NT	Ordering code	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	HA	HB	PDX	PDY	
16	3/8	1.00	3	266RG-16MM03A100M	★			★			★			★			★			0.75	0.15	2.50	1.62	
		.039				★			★			★			★			★		.0295	.0059	.098	.064	
		1.25	2	266RG-16MM02A125M	★			★			★			★			★			0.96	0.09	2.25	1.41	
		.049																		.0378	.0035	.089	.056	
		1.50	2	266RG-16MM02A150M	★	☆		☆	★		★	☆		★	☆		☆	★		1.12	0.22	2.20	1.42	
		.059																		.0441	.0087	.087	.056	
		1.75	2	266RG-16MM02A175M	★			★			★			★			★			0.93	0.19	1.90	1.33	
		.069							★											.0366	.0075	.075	.052	
		2.00	2	266RG-16MM02A200M	★			★			★			★			★			1.50	0.29	2.90	1.91	
		.079																		.0591	.0114	.114	.075	
22	1/2	2.50	2	266RG-22MM02A250E	★			★			★			★			★			1.87	0.36	3.75	1.97	
		.098																		.0736	.0142	.148	.077	
		3.00	2	266RG-22MM02A300E	★			★			★			★			★			2.25	0.42	4.40	2.76	
		.118																		.0886	.0165	.173	.109	

R = Right hand



C48



C57



C94



C111



H37

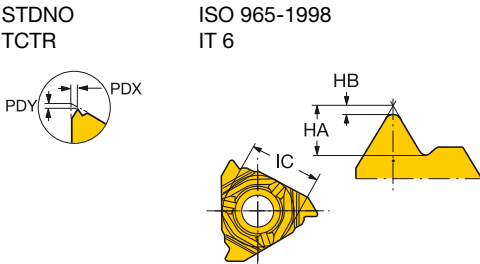


H28



H26

CoroThread® 266 insert for thread turning
Metric 60° Topping

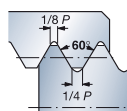
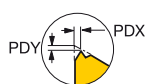
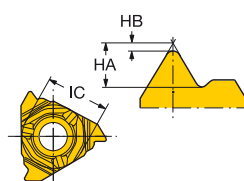


C
External left-hand threads

		TP		NT		Ordering code		P		M		K		N		S		H		Dimensions, mm, inch			
								1020	1125	1020	1125	1020	1125	1020	1125	1020	1125						
16	3/8	0.50	1	266LG-16MM01A050M	★		★		★		★		★		★		★		☆	0.37	0.08	0.50	1.32
		.020																		.0146	.0032	.020	.052
	0.75	1	266LG-16MM01A075M	★		★		★		★		★		★		★		☆	0.56	0.11	0.50	1.32	
		.030																		.0220	.0043	.020	.052
	1.00	1	266LG-16MM01A100M	★		★		★		★		★		★		★		☆	0.75	0.15	0.80	1.32	
		.039																		.0295	.0059	.031	.052
	1.25	1	266LG-16MM01A125M	★		★		★		★		★		★		★		☆	0.93	0.19	0.80	1.32	
		.049																		.0366	.0075	.031	.052
	1.50	1	266LG-16MM01A150M	★		★		★		★		★		★		★		☆	1.12	0.22	1.00	1.32	
		.059																		.0441	.0087	.039	.052
22	1/2	3.50	1	266LG-22MM01A350M	★		★		★		★		★		★		☆	2.62	0.49	2.50	1.67		
		.138																		.1032	.0193	.098	.066
	4.00	1	266LG-22MM01A400M	★		★		★		★		★		★		☆	3.00	0.56	2.50	1.67			
		.157																		.1181	.0220	.098	.066
	4.50	1	266LG-22MM01A450M	★		★		★		★		★		★		☆	3.37	0.63	2.50	1.67			
		.177																		.1327	.0248	.098	.066
	5.00	1	266LG-22MM01A500M	★		★		★		★		★		★		☆	3.76	0.71	2.50	1.38			
		.197																		.1480	.0280	.098	.054
	5.50	1	266LG-22MM01A550M	★		★		★		★		★		★		☆	4.13	0.79	2.50	1.08			
		.217																		.1626	.0311	.098	.043
6.00	1	266LG-22MM01A600M	★		★		★		★		★		★		☆	4.51	0.86	2.80	0.88				
	.236																		.1776	.0339	.110	.035	

CoroThread® 266 insert for thread turning

Metric 60° Topping

STDNO
TCTRISO 965-1998
IT 6

Internal right-hand threads

		TP	NT	Ordering code	P			M			K			N			S			H			Dimensions, mm, inch			
16	3/8				1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	HA	HB	PDX	PDY
		0.50	1	266RL-16MM01A050M		★	☆		☆	★		★	☆		★	☆		☆	★		☆	☆	0.32	0.03	0.50	1.30
		.020																				.0126	.0012	.020	.051	
		0.75	1	266RL-16MM01A075M		★	☆		☆	★		★	☆		★	☆		☆	★		☆	☆	0.47	0.04	0.50	1.30
		.030																				.0185	.0016	.020	.051	
		1.00	1	266RL-16MM01A100M		★	☆		☆	★		★	☆		★	☆		☆	★		☆	☆	0.64	0.06	0.80	1.30
		.039																				.0252	.0024	.031	.051	
		1.00	1	266RL-16MM01C100M			★			★		★		★				★			☆		0.64	0.06	0.80	1.30
		.039																				.0252	.0024	.031	.051	
		1.00	1	266RL-16MM01F100E			★			★		★		★				★			☆		0.64	0.06	0.80	1.30
		.039																				.0252	.0024	.031	.051	
		1.25	1	266RL-16MM01A125M		★	☆		☆	★		★	☆		★	☆		☆	★		☆	☆	0.79	0.07	0.80	1.30
		.049																				.0311	.0028	.031	.051	
		1.25	1	266RL-16MM01C125M			★			★		★		★				★			☆		0.79	0.07	0.80	1.30
		.049																				.0311	.0028	.031	.051	
		1.25	1	266RL-16MM01F125E			★			★		★		★				★			☆		0.79	0.07	0.80	1.30
		.049																				.0311	.0028	.031	.051	
		1.50	1	266RL-16MM01A150M		★	☆		☆	★		★	☆		★	☆		☆	★		☆	☆	0.96	0.09	1.00	1.30
		.059																				.0378	.0035	.039	.051	
		1.50	1	266RL-16MM01C150M			★			★		★		★				★			☆		0.96	0.09	1.50	1.43
		.059																				.0378	.0035	.059	.056	
		1.50	1	266RL-16MM01F150E			★			★		★		★				★			☆		0.96	0.09	1.00	1.30
		.059																				.0378	.0035	.039	.051	
		1.75	1	266RL-16MM01A175M		★	☆		☆	★		★	☆		★	☆		☆	★		☆	☆	1.11	0.11	1.20	1.30
		.069																				.0437	.0043	.047	.051	
		1.75	1	266RL-16MM01C175M			★			★		★		★				★			☆		1.11	0.11	1.20	1.30
		.069																				.0437	.0043	.047	.051	
		1.75	1	266RL-16MM01F175E			★			★		★		★				★			☆		1.11	0.11	1.20	1.30
		.069																				.0437	.0043	.047	.051	
		2.00	1	266RL-16MM01A200M		★	☆		☆	★		★	☆		★	☆		☆	★		☆	☆	1.27	0.12	1.40	1.30
		.079																				.0500	.0047	.055	.051	
		2.00	1	266RL-16MM01C200M			★			★		★		★				★			☆		1.27	0.12	1.40	1.30
		.079																				.0500	.0047	.055	.051	
		2.00	1	266RL-16MM01F200E			★			★		★		★				★			☆		1.27	0.12	1.40	1.30
		.079																				.0500	.0047	.055	.051	
		2.50	1	266RL-16MM01A250M		★	☆		☆	★		★	☆		★	☆		☆	★		☆	☆	1.59	0.16	1.40	1.30
		.098																				.0626	.0063	.055	.051	
		2.50	1	266RL-16MM01C250M			★			★		★		★				★			☆		1.59	0.16	1.40	1.30
		.098																				.0626	.0063	.055	.051	
		2.50	1	266RL-16MM01F250E			★			★		★		★				★			☆		1.59	0.16	1.40	1.30
		.098																				.0626	.0063	.055	.051	
		3.00	1	266RL-16MM01A300M		★	☆		☆	★		★	☆		★	☆		☆	★		☆	☆	1.92	0.19	1.80	1.30
		.118																				.0756	.0075	.071	.051	
		3.00	1	266RL-16MM01C300M			★			★		★		★				★			☆		1.92	0.19	1.80	1.30
		.118																				.0756	.0075	.071	.051	
		3.00	1	266RL-16MM01F300E			★			★		★		★				★			☆		1.92	0.19	1.80	1.30
		.118																				.0756	.0075	.071	.051	

R = Right hand



C48



C57



C94



C111



H37



H28

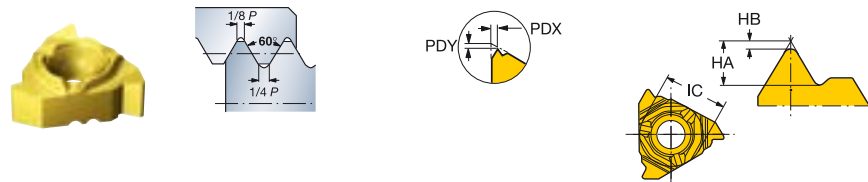


H26

CoroThread® 266 insert for thread turning

Metric 60° Topping

B



C

Internal right-hand threads

				P			M			K			N			S			H			Dimensions, mm, inch			
				1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135							
	IC	TP	NT	Ordering code																	HA	HB	PDX	PDY	
22	1/2	3.50	1	266RL-22MM01A350M		☆	★		☆	★		☆	★		☆	★		☆	★		2.24	0.26	2.50	1.64	
		.138																			.0882	.0102	.098	.065	
		4.00	1	266RL-22MM01A400M		☆	★		☆	★		☆	★		☆	★		☆	★		2.56	0.30	2.50	1.64	
		.157																			.1008	.0118	.098	.065	
		4.50	1	266RL-22MM01A450M		☆	★		☆	★		☆	★		☆	★		☆	★		2.89	0.33	2.50	1.64	
		.177																			.1138	.0130	.098	.065	
		5.00	1	266RL-22MM01A500M		☆	★		☆	★		☆	★		☆	★		☆	★		3.21	0.38	2.50	1.35	
		.197																			.1264	.0150	.098	.053	
		5.50	1	266RL-22MM01A550M		☆	★		☆	★		☆	★		☆	★		☆	★		3.54	0.40	2.50	1.06	
		.217																			.1394	.0157	.098	.042	
		6.00	1	266RL-22MM01A600M		☆	★		☆	★		☆	★		☆	★		☆	★		3.86	0.47	2.40	0.87	
		.236																			.1520	.0185	.094	.034	

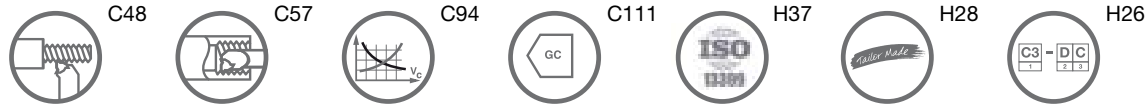
R = Right hand

E

F

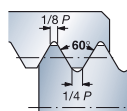
G

H



CoroThread® 266 insert for thread turning

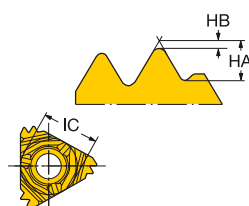
Metric 60° Topping



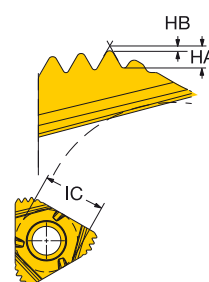
STDNO
TCTR



ISO 965-1998
IT 6



ISO 965-1998
IT 6



Internal right-hand threads – multipoint insert

						P			M			K			N			S			Dimensions, mm, inch			
		TP	NT	Ordering code	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	HA	HB	PDX	PDY	
16	3/8	1.00	3	266RL-16MM03A100M	★			★			★			★				★		0.64	0.06	2.40	1.59	
		.039																		.0252	.0024	.094	.063	
		1.50	2	266RL-16MM02A150M	★	☆		☆	★		★	☆		★	☆		☆	★		0.96	0.14	2.25	1.41	
		.059																		.0378	.0055	.089	.056	
		2.00	2	266RL-16MM02A200M	★			★			★			★				★		1.27	0.12	2.85	1.79	
		.079																		.0500	.0047	.112	.070	
22	1/2	2.50	2	266RL-22MM02A250E	★			★			★			★			★			1.59	0.16	3.50	1.93	
		.098																		.0626	.0063	.138	.076	
		3.00	2	266RL-22MM02A300E	★			★			★			★			★			1.98	0.19	4.40	2.70	
		.118																		.0780	.0075	.173	.106	

R = Right hand



C48



C57



C94



C111



H37

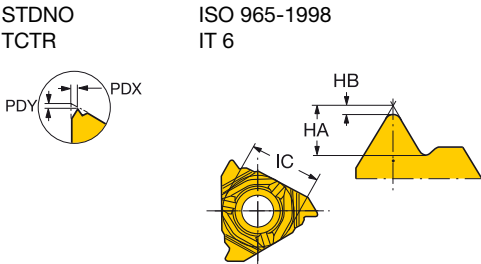


H28



H26

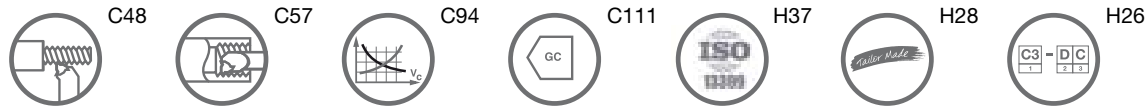
CoroThread® 266 insert for thread turning
Metric 60° Topping



C
Internal left-hand threads

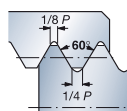
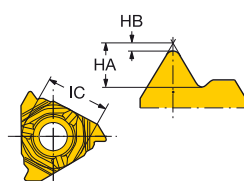
					P	M	K	N	S	H	Dimensions, mm, inch							
		TP	NT	Ordering code	1020	1125	1020	1125	1020	1125	1020	1125	HA	HB	PDX	PDY		
	16	3/8	0.50	1	266LL-16MM01A050M	★		★		★		★	★	0.32	0.03	0.50	1.30	
			.020										☆	.0126	.0012	.020	.051	
			0.75	1	266LL-16MM01A075M	★		★		★		★	★	0.47	0.04	0.50	1.30	
			.030										☆	.0185	.0016	.020	.051	
			1.00	1	266LL-16MM01A100M	★		★		★		★	★	0.64	0.06	0.80	1.30	
			.039										☆	.0252	.0024	.031	.051	
			1.25	1	266LL-16MM01A125M	★		★		★		★	★	0.79	0.07	0.80	1.30	
			.049										☆	.0311	.0028	.031	.051	
			1.50	1	266LL-16MM01A150M	★		★		★		★	★	0.96	0.09	1.00	1.30	
			.059										☆	.0378	.0035	.039	.051	
			1.75	1	266LL-16MM01A175M	★		★		★		★	★	1.11	0.11	1.20	1.30	
			.069										☆	.0437	.0043	.047	.051	
			2.00	1	266LL-16MM01A200M	★		★		★		★	★	1.27	0.12	1.40	1.30	
			.079										☆	.0500	.0047	.055	.051	
			2.50	1	266LL-16MM01A250M	★		★		★		★	★	1.59	0.16	1.40	1.30	
			.098										☆	.0626	.0063	.055	.051	
			3.00	1	266LL-16MM01A300M	★		★		★		★	★	1.92	0.19	1.80	1.30	
			.118										☆	.0756	.0075	.071	.051	
		22	1/2	3.50	1	266LL-22MM01A350M	★		★		★		★	☆	2.24	0.26	2.50	1.64
				.138											.0882	.0102	.098	.065
			4.00	1	266LL-22MM01A400M	★		★		★		★	☆	2.56	0.30	2.50	1.64	
			.157											.1008	.0118	.098	.065	
			4.50	1	266LL-22MM01A450M	★		★		★		★	☆	2.89	0.33	2.50	1.64	
			.177											.1138	.0130	.098	.065	
			5.00	1	266LL-22MM01A500M	★		★		★		★	☆	3.21	0.38	2.50	1.35	
			.197											.1264	.0150	.098	.053	
			5.50	1	266LL-22MM01A550M	★		★		★		★	☆	3.54	0.40	2.50	1.06	
			.217											.1394	.0157	.098	.042	
			6.00	1	266LL-22MM01A600M	★		★		★		★	☆	3.86	0.47	2.40	0.87	
			.236											.1520	.0185	.094	.034	

L = Left hand



CoroThread® 266 insert for thread turning

UN 60° Full form

STDNO
TCTRISO 5864-1978
2A

External right-hand threads

					P		M		K		N		S		H		Dimensions, mm, inch								
		TPI	NT	Ordering code	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	HA	HB	PDX	PDY		
16	3/8	32.0	1	266RG-16UN01A320M		★	☆		☆	★		★	☆		★	☆		☆	★	☆	☆	0.59	0.10	0.50	1.30
		28.0	1	266RG-16UN01A280M		★	☆		☆	★		★	☆		☆	★		☆	★	☆	☆	.0232	.0039	.020	.051
		24.0	1	266RG-16UN01A240M		★	☆		☆	★		★	☆		☆	★		☆	★	☆	☆	.0268	.0047	.031	.052
		24.0	1	266RG-16UN01C240M		★			★			★			★			★		☆	☆	.0311	.0055	.003	.051
		24.0	1	266RG-16UN01F240E			★			★			★			★				☆	☆	.0311	.0055	.031	.052
		20.0	1	266RG-16UN01A200M		★	☆		☆	★		★	☆		☆	★		☆	★	☆	☆	.0374	.0063	.003	.051
		20.0	1	266RG-16UN01C200M		★			★			★			★			★		☆	☆	.0374	.0063	.031	.052
		20.0	1	266RG-16UN01F200E			★			★			★			★				☆	☆	.0374	.0063	.031	.052
		18.0	1	266RG-16UN01A180M		★	☆		☆	★		★	☆		☆	★		☆	★	☆	☆	.0413	.0071	.039	.051
		18.0	1	266RG-16UN01C180M		★			★			★			★			★		☆	☆	.0413	.0071	.039	.052
		18.0	1	266RG-16UN01F180E			★			★			★			★				☆	☆	.0413	.0071	.039	.051
		16.0	1	266RG-16UN01A160M		★	☆		☆	★		★	☆		☆	★		☆	★	☆	☆	.0469	.0079	.039	.051
		16.0	1	266RG-16UN01C160M		★			★			★			★			★		☆	☆	.0469	.0079	.039	.052
		16.0	1	266RG-16UN01F160E			★			★			★			★				☆	☆	.0469	.0079	.039	.051
		14.0	1	266RG-16UN01A140M		★	☆		☆	★		★	☆		☆	★		☆	★	☆	☆	.0532	.0091	.047	.051
		14.0	1	266RG-16UN01C140M		★			★			★			★			★		☆	☆	.0532	.0091	.047	.052
		14.0	1	266RG-16UN01F140E			★			★			★			★				☆	☆	.0532	.0091	.047	.051
		13.0	1	266RG-16UN01A130M		★	☆		☆	★		★	☆		☆	★		☆	★	☆	☆	.0575	.0098	.055	.051
		12.0	1	266RG-16UN01A120M		★	☆		☆	★		★	☆		☆	★		☆	★	☆	☆	.0622	.0110	.055	.051
		12.0	1	266RG-16UN01C120M		★			★			★			★			★		☆	☆	.0622	.0110	.055	.052
		12.0	1	266RG-16UN01F120E			★			★			★			★				☆	☆	.0622	.0110	.055	.051
		11.0	1	266RG-16UN01A110M		★	☆		☆	★		★	☆		☆	★		☆	★	☆	☆	.0677	.0118	.055	.051
		10.0	1	266RG-16UN01A100M		★	☆		☆	★		★	☆		☆	★		☆	★	☆	☆	.0748	.0130	.055	.051
		9.0	1	266RG-16UN01A090M		★			★			★			★			★		☆	☆	.0831	.0146	.071	.051
		8.0	1	266RG-16UN01A080M		★	☆		☆	★		★	☆		☆	★		☆	★	☆	☆	.0937	.0161	.071	.051
		8.0	1	266RG-16UN01C080M		★			★			★			★			★		☆	☆	.0937	.0161	.071	.052

R = Right hand



C48



C57



C94



C111



H37



H28

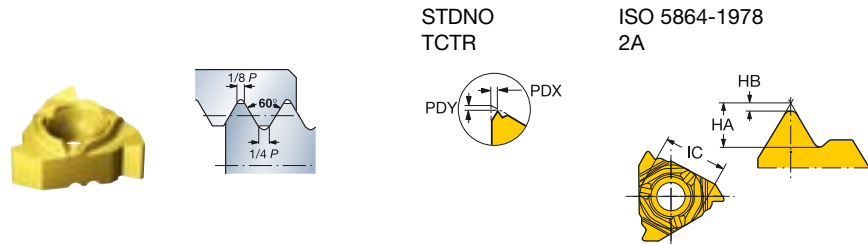


H26

CoroThread® 266 insert for thread turning

UN 60° Full form

B



C

External right-hand threads

		TPI NT		Ordering code	P			M			K			N			S			H			Dimensions, mm, inch			
					1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135				
16	3/8	8.0	1	266RG-16UN01F080E			★			★			★			★			★			☆	HA	HB	PDX	PDY
22	1/2	7.0	1	266RG-22UN01A070M	★			★			★			★			★			☆						
	6.0	1		266RG-22UN01A060M	★			★			★			★			★			☆						
	5.0	1		266RG-22UN01A050M	★			★			★			★			★			☆						
	4.5	1		266RG-22UN01A045M	★			★			★			★			★			☆						
	4.0	1		266RG-22UN01A040M	★			★			★			★			★			☆						

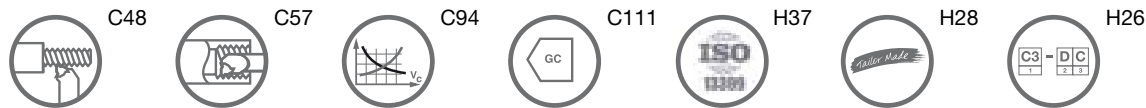
R = Right hand

E

F

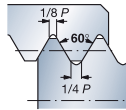
G

H

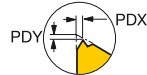


CoroThread® 266 insert for thread turning

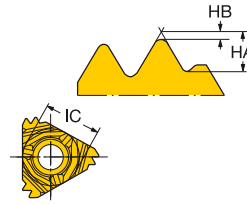
UN 60° Full form



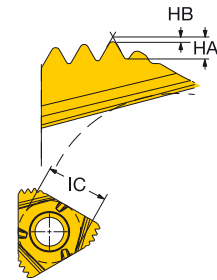
STDNO
TCTR



ISO 5864-1978
2A



ISO 5864-1978
2A



External right-hand threads – multipoint insert

									Dimensions, mm, inch			
				P	M	K	N	S				
				1125	1125	1125	1125	1125				
		TPI	NT	Ordering code	1125	1125	1125	1125	HA	HB	PDX	PDY
16	3/8	18.0	3	266RG-16UN03A180M	★	★	★	★	1.05	0.18	3.45	2.12
									.0413	.0071	.136	.083
		16.0	2	266RG-16UN02A160M	★	★	★	★	1.19	0.20	2.40	1.52
									.0469	.0079	.094	.060
		14.0	2	266RG-16UN02A140M	★	★	★	★	1.35	0.23	2.70	1.77
									.0532	.0091	.106	.070
		12.0	2	266RG-16UN02A120M	★	★	★	★	1.58	0.28	3.10	1.91
									.0622	.0110	.122	.075

R = Right hand



C48



C57



C94



C111



H37



H28

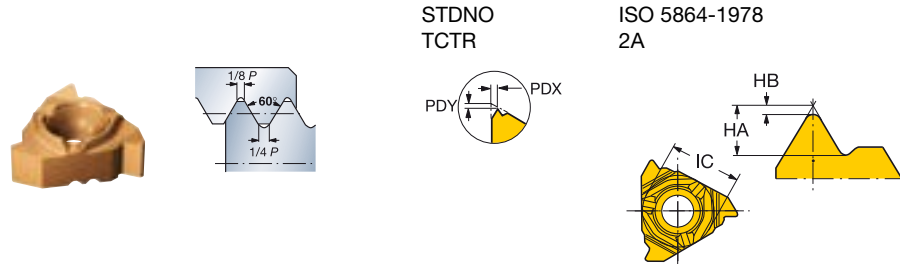


H26

CoroThread® 266 insert for thread turning

UN 60° Full form

B



C

External left-hand threads

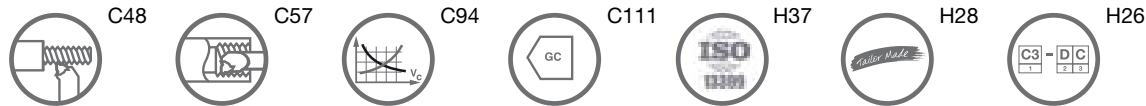
		TPI	NT	Ordering code	P	M	K	N	S	H	Dimensions, mm, inch			
16	3/8				1125	1125	1125	1125	1125	HA	HB	PDX	PDY	
16	3/8	32.0	1	266LG-16UN01A320M	★	★	★	★	★	☆	0.59	0.10	0.50	1.32
											.0232	.0039	.020	.052
	28.0		1	266LG-16UN01A280M	★	★	★	★	★	☆	0.68	0.12	0.80	1.32
											.0268	.0047	.031	.052
	24.0		1	266LG-16UN01A240M	★	★	★	★	★	☆	0.79	0.14	0.80	1.30
											.0311	.0055	.031	.051
	20.0		1	266LG-16UN01A200M	★	★	★	★	★	☆	0.95	0.16	0.80	1.30
											.0374	.0063	.031	.051
	18.0		1	266LG-16UN01A180M	★	★	★	★	★	☆	1.05	0.18	1.00	1.30
											.0413	.0071	.039	.051
	16.0		1	266LG-16UN01A160M	★	★	★	★	★	☆	1.19	0.20	1.00	1.30
											.0469	.0079	.039	.051
	14.0		1	266LG-16UN01A140M	★	★	★	★	★	☆	1.35	0.23	1.20	1.30
											.0532	.0091	.047	.051
	13.0		1	266LG-16UN01A130M	★	★	★	★	★	☆	1.46	0.25	1.40	1.32
											.0575	.0098	.055	.052
	12.0		1	266LG-16UN01A120M	★	★	★	★	★	☆	1.58	0.28	1.40	1.30
											.0622	.0110	.055	.051
	11.0		1	266LG-16UN01A110M	★	★	★	★	★	☆	1.72	0.30	1.40	1.30
											.0677	.0118	.055	.051
	10.0		1	266LG-16UN01A100M	★	★	★	★	★	☆	1.90	0.33	1.40	1.30
											.0748	.0130	.055	.051
	9.0		1	266LG-16UN01A090M	★	★	★	★	★	☆	2.11	0.37	1.80	1.32
											.0831	.0146	.071	.052
	8.0		1	266LG-16UN01A080M	★	★	★	★	★	☆	2.38	0.41	1.80	1.30
											.0837	.0161	.071	.051

L = Left hand

F

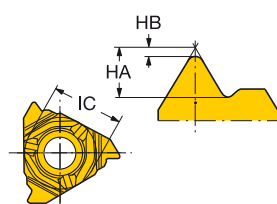
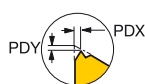
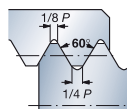
G

H



CoroThread® 266 insert for thread turning

UN 60° Full form

STDNO
TCTRISO 5864-1978
2B

Internal right-hand threads

					P		M		K		N		S		H		Dimensions, mm, inch						
		TPI	NT	Ordering code	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	HA	HB	PDX	PDY
16	3/8	32.0	1	266RL-16UN01A320M		★			★			★			★			☆		0.50	0.05	0.90	1.30
		28.0	1	266RL-16UN01A280M		★			★			★			★			☆		.0198	.0018	.035	.051
		24.0	1	266RL-16UN01A240M		★			★			★			★			☆		.077	0.14	0.80	1.32
		20.0	1	266RL-16UN01A200M		★	☆		☆	★		★	☆		☆	★		☆		.0303	.0055	.031	.052
		20.0	1	266RL-16UN01C200M			★			★			★			★		☆		0.67	0.06	1.30	1.35
		18.0	1	266RL-16UN01A180M		★	☆		☆	★		★	☆		☆	★		☆		.0263	.0024	.051	.053
		18.0	1	266RL-16UN01C180M			★			★			★			★		☆		0.80	0.07	0.80	1.30
		16.0	1	266RL-16UN01A160M		★	☆		☆	★		★	☆		☆	★		☆		.0315	.0028	.031	.051
		16.0	1	266RL-16UN01C160M			★			★			★			★		☆		0.80	0.07	0.80	1.30
		16.0	1	266RL-16UN01F160E			★			★			★			★		☆		.0315	.0028	.031	.051
		14.0	1	266RL-16UN01A140M		★	☆		☆	★		★	☆		☆	★		☆		0.89	0.08	1.00	1.30
		14.0	1	266RL-16UN01C140M			★			★			★			★		☆		.0350	.0032	.039	.051
		12.0	1	266RL-16UN01A120M		★	☆		☆	★		★	☆		☆	★		☆		0.89	0.08	1.00	1.30
		12.0	1	266RL-16UN01C120M			★			★			★			★		☆		.0350	.0032	.039	.051
		12.0	1	266RL-16UN01F120E			★			★			★			★		☆		1.00	0.09	1.00	1.30
		11.0	1	266RL-16UN01A110M		★	☆		☆	★		★	☆		☆	★		☆		.0394	.0035	.039	.051
		10.0	1	266RL-16UN01A100M		★	☆		☆	★		★	☆		☆	★		☆		1.00	0.09	1.00	1.30
		9.0	1	266RL-16UN01A090M		★			★			★			★		☆			.0394	.0035	.039	.051
		8.0	1	266RL-16UN01A080M		★	☆		☆	★		★	☆		☆	★		☆		1.00	0.09	1.00	1.30
		8.0	1	266RL-16UN01C080M			★			★			★			★		☆		.0394	.0035	.039	.051
22	1/2	7.0	1	266RL-22UN01A070M	★			★		★			★		★		☆			1.13	0.11	1.20	1.30
		6.0	1	266RL-22UN01A060M	★			★		★			★			★		☆		.0445	.0043	.047	.051
		5.0	1	266RL-22UN01A050M	★			★		★			★			★		☆		.0445	.0043	.047	.051
		4.5	1	266RL-22UN01A045M	★			★		★			★			★		☆		1.33	0.13	1.40	1.30
		4.0	1	266RL-22UN01A040M	★			★		★			★			★		☆		.0524	.0051	.055	.051
																			1.33	0.13	1.40	1.30	
																			.0524	.0051	.055	.051	
																			1.33	0.13	1.40	1.30	
																			.0524	.0051	.055	.051	
																			1.45	0.14	1.40	1.30	
																			.0571	.0055	.055	.051	
																			1.59	0.16	1.40	1.30	
																			.0626	.0063	.055	.051	
																			1.77	0.18	1.80	1.30	
																			.0697	.0071	.071	.051	
																			2.00	0.20	1.80	1.30	
																			.0787	.0079	.071	.051	
																			2.00	0.20	1.80	1.30	
																			.0787	.0079	.071	.051	

R = Right hand

C

D

E

F

G

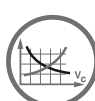
H



C48



C57



C94



C111



H37



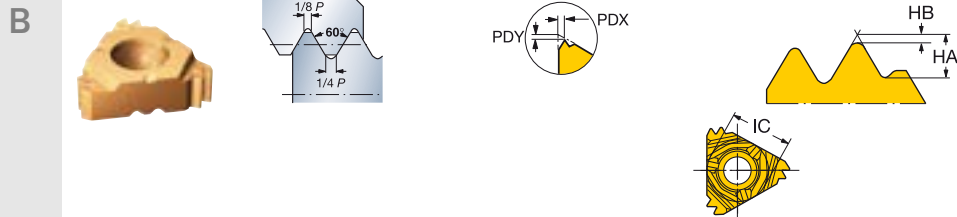
H28



H26

CoroThread® 266 insert for thread turning

UN 60° Full form



C

Internal right-hand threads – multipoint insert

				P M K N S					Dimensions, mm, inch			
		TPI	NT	Ordering code	1125	1125	1125	1125	HA	HB	PDX	PDY
16	3/8	16.0	2	266RL-16UN02A160M	★	★	★	★	1.00	0.09	0.80	1.30
									.0394	.0037	.031	.051
		12.0	2	266RL-16UN02A120M	★	★	★	★	1.33	0.13	2.95	1.88
									.0524	.0051	.116	.074

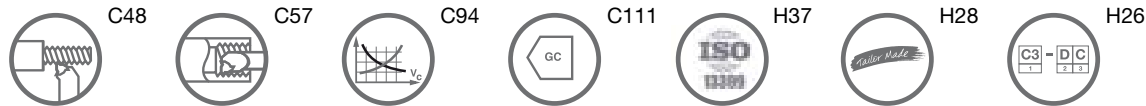
R = Right hand

E

F

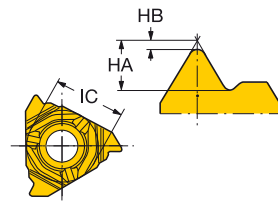
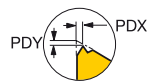
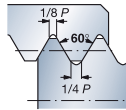
G

H



CoroThread® 266 insert for thread turning

UN 60° Full form

STDNO
TCTRISO 5864-1978
2B

Internal left-hand threads

		P	M	K	N	S	H	Dimensions, mm, inch			
	TPI	NT	Ordering code	1125	1125	1125	1125	HA	HB	PDX	PDY
				★	★	★	★	★	★	★	★
16	3/8	20.0	1	266LL-16UN01A200M	★	★	★	★	★	★	★
								0.80	0.07	0.80	1.30
								.0315	.0028	.031	.051
	18.0	1	266LL-16UN01A180M	★	★	★	★	★	★	★	★
								0.89	0.08	1.00	1.30
								.0350	.0032	.039	.051
	16.0	1	266LL-16UN01A160M	★	★	★	★	★	★	★	★
								1.00	0.09	1.00	1.30
								.0394	.0035	.039	.051
	14.0	1	266LL-16UN01A140M	★	★	★	★	★	★	★	★
								1.13	0.11	1.20	1.30
								.0445	.0043	.047	.051
	12.0	1	266LL-16UN01A120M	★	★	★	★	★	★	★	★
								1.33	0.13	1.40	1.30
								.0524	.0051	.055	.051
	11.0	1	266LL-16UN01A110M	★	★	★	★	★	★	★	★
								1.45	0.14	1.40	1.30
								.0571	.0055	.055	.051
	10.0	1	266LL-16UN01A100M	★	★	★	★	★	★	★	★
								1.59	0.16	1.40	1.30
								.0626	.0063	.055	.051
	9.0	1	266LL-16UN01A090M	★	★	★	★	★	★	★	★
								1.77	0.18	1.80	1.30
								.0697	.0071	.071	.051
	8.0	1	266LL-16UN01A080M	★	★	★	★	★	★	★	★
								2.00	0.20	1.80	1.30
								.0787	.0079	.071	.051

L = Left hand



C48



C57



C94



C111



H37



H28



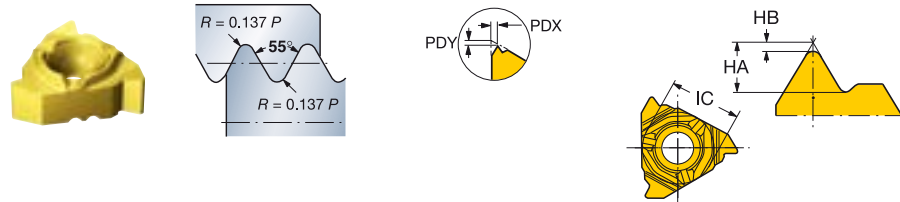
H26

CoroThread® 266 insert for thread turning

Whitworth 55° (BSW, BSF, BSP) Topping

STDNO
STDNO
STDNO
TCTR

ISO 228-1982
BS-2779-1973
BS-84-1957
CLASS A



C External right-hand threads

		TPI NT		Ordering code	P			M			K			N			S			H			Dimensions, mm, inch			
					1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135				
16	3/8	28.0	1	266RG-16WH01A280M	★	☆	☆		★	★	★	★	★	★	★	★	★	★	☆	☆	HA	HB	PDX	PDY		
		26.0	1	266RG-16WH01A260M	★			★		★		★			★		★		☆		.0283	.0051	.031	.052		
		20.0	1	266RG-16WH01A200M	★			★		★		★			★		★		☆		0.77	0.14	2.30	1.51		
		19.0	1	266RG-16WH01A190M	★	☆		☆	★	★	☆	★	☆		☆	★		☆	☆		.0304	.0054	.091	.059		
		19.0	1	266RG-16WH01C190M	★			★		★		★			★			☆			.0398	.0071	.031	.052		
		19.0	1	266RG-16WH01F190E		★			★		★		★			★		☆			.0417	.0075	.031	.052		
		18.0	1	266RG-16WH01A180M	★			★		★		★			★			☆			1.06	0.19	0.80	1.32		
		16.0	1	266RG-16WH01A160M	★			★		★		★			★			☆			.0417	.0075	.031	.052		
		14.0	1	266RG-16WH01A140M	★	☆		☆	★	★	☆	★	☆		☆	★		☆	☆		1.06	0.19	0.80	1.32		
		14.0	1	266RG-16WH01C140M	★			★		★		★			★			☆			.0417	.0075	.031	.052		
		14.0	1	266RG-16WH01F140E		★			★		★		★			★		☆			1.06	0.19	0.80	1.32		
		12.0	1	266RG-16WH01A120M	★			★		★		★			★			☆			.0417	.0075	.031	.052		
		11.0	1	266RG-16WH01A110M	★	☆		☆	★	★	☆	★	☆		☆	★		☆	☆		.0441	.0079	.039	.052		
		11.0	1	266RG-16WH01C110M	★			★		★		★			★			☆			1.26	0.23	1.00	1.32		
		11.0	1	266RG-16WH01F110E		★			★		★		★			★		☆			.0496	.0091	.039	.052		
		10.0	1	266RG-16WH01A100M	★			★		★		★			★			☆			1.44	0.26	1.20	1.32		
		9.0	1	266RG-16WH01A090M	★			★		★		★			★			☆			.0567	.0102	.047	.052		
		8.0	1	266RG-16WH01A080M	★	☆		☆	★	★	☆	★	☆		☆	★		☆	☆		1.44	0.26	1.20	1.32		
22	1/2	7.0	1	266RG-22WH01A070M	★			★		★		★			★			☆			.0567	.0102	.047	.052		
		6.0	1	266RG-22WH01A060M	★			★		★		★			★			☆			.0567	.0102	.047	.052		
		5.0	1	266RG-22WH01A050M	★			★		★		★			★			☆			1.68	0.31	1.40	1.32		
		4.5	1	266RG-22WH01A045M	★			★		★		★			★			☆			.0661	.0122	.055	.052		
		4.0	1	266RG-22WH01A040M	★			★		★		★			★			☆			.0720	.0134	.055	.052		
																				1.83	0.34	1.40	1.32			
																				.0720	.0134	.055	.052			
																				2.02	0.37	1.40	1.32			
																				.0795	.0146	.055	.052			
																				2.24	0.42	1.80	1.32			
																				.0882	.0165	.071	.052			
																				2.52	0.47	1.80	1.32			
																				.0992	.0185	.071	.052			
																				2.88	0.54	2.50	1.67			
																				.1134	.0213	.098	.066			
																				3.37	0.64	2.50	1.67			
																				.1327	.0252	.098	.066			
																				4.04	0.77	2.50	1.38			
																				.1591	.0303	.098	.054			
																				4.49	0.85	2.65	0.98			
																				.1768	.0335	.104	.039			
																				5.06	0.96	2.75	0.59			
																				.1992	.0378	.108	.023			

R = Right hand



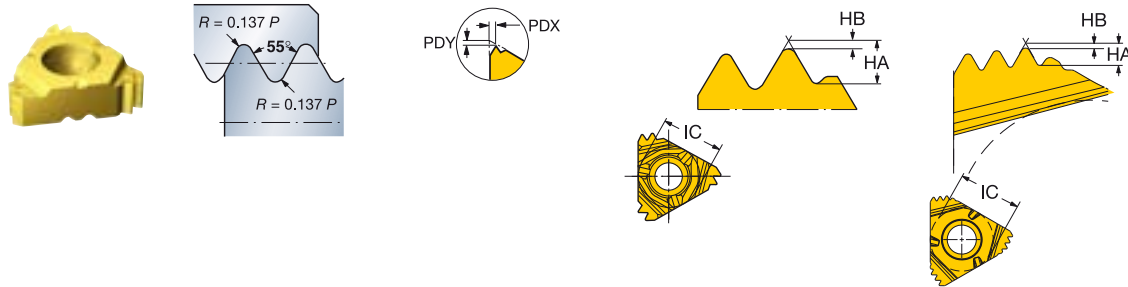
CoroThread® 266 insert for thread turning

Whitworth 55° (BSW, BSF, BSP) Topping

STDNO
STDNO
STDNO
TCTR

ISO 228-1982
BS-2779-1973
BS-84-1957
CLASS A

ISO 228-1982
BS-2779-1973
BS-84-1957
CLASS A



External right-hand threads – multipoint insert

				P	M	K	N	S	Dimensions, mm, inch						
	TPI	NT	Ordering code	1020	1125	1020	1125	1020	1125	1020	1125	HA	HB	PDX	PDY
16	3/8	19.0	3	266RG-16WH03A190M	★		★		★	★		1.06	0.19	3.30	2.02
		14.0	2	266RG-16WH02A140M	★		★		★	★		.0417	.0075	.130	.079
												1.44	0.26	2.70	1.73
												.0567	.0102	.106	.068
22	1/2	11.0	2	266RG-22WH02A110E	★	★	★		★	★		1.83	0.34	3.40	1.87
												.0720	.0134	.134	.074

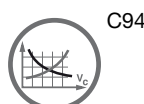
R = Right hand



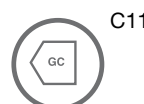
C48



C57



C94



C111



H37



H28



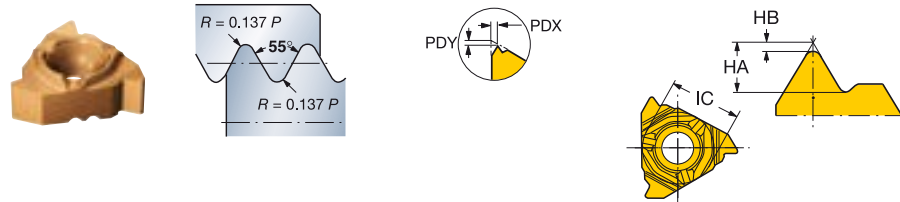
H26

CoroThread® 266 insert for thread turning

Whitworth 55° (BSW, BSF, BSP) Topping

STDNO
STDNO
STDNO
TCTR

ISO 228-1982
BS-2779-1973
BS-84-1957
CLASS A



C

External left-hand threads

				P	M	K	N	S	H	Dimensions, mm, inch			
	IC	TPI	NT	Ordering code	1125	1125	1125	1125	1125	HA	HB	PDX	PDY
16	3/8	19.0	1	266LG-16WH01A190M	★	★	★	★	☆	1.06	0.19	0.80	1.32
										.0417	.0075	.031	.052
		14.0	1	266LG-16WH01A140M	★	★	★	★	☆	1.44	0.26	1.20	1.32
										.0567	.0102	.047	.052
		11.0	1	266LG-16WH01A110M	★	★	★	★	☆	1.83	0.34	1.40	1.32
										.0720	.0134	.055	.052

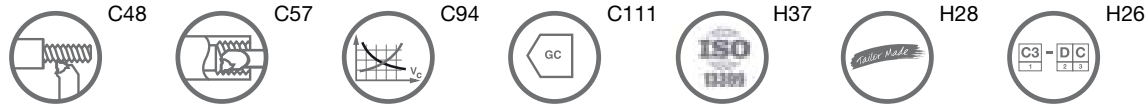
L = Left hand

E

F

G

H

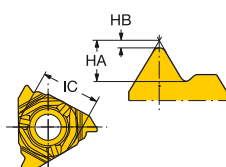
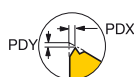
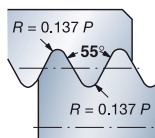


CoroThread® 266 insert for thread turning

Whitworth 55° (BSW, BSF, BSP) Topping

STDNO
STDNO
STDNO
TCTR

ISO 228-1982
BS-2779-1973
BS-84-1957
CLASS A



Internal right-hand threads

					P		M		K		N		S		H		Dimensions, mm, inch				
		TPI	NT	Ordering code	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	HA	HB	PDX	PDY	
16	3/8	26.0	1	266RL-16WH01A260M		★			★			★			★		☆	0.78	0.14	0.80	1.30
		20.0	1	266RL-16WH01A200M		★			★			★			★		☆	.0306	.0053	.031	.051
		19.0	1	266RL-16WH01A190M		★	☆		☆	★		★	☆		☆	★	☆	1.05	0.18	0.80	1.30
		18.0	1	266RL-16WH01A180M		★			★			★			★		☆	.0413	.0071	.031	.051
		16.0	1	266RL-16WH01A160M		★			★			★			★		☆	.0776	.0394	.039	.051
		14.0	1	266RL-16WH01A140M		★	☆		☆	★		★	☆		☆	★	☆	1.25	0.22	1.00	1.30
		14.0	1	266RL-16WH01C140M			★			★			★			★	☆	.0492	.0087	.039	.051
		14.0	1	266RL-16WH01F140E			★			★			★			★	☆	1.43	0.25	1.20	1.30
		12.0	1	266RL-16WH01A120M		★			★			★			★		☆	.0563	.0098	.047	.051
		11.0	1	266RL-16WH01A110M		★	☆		☆	★		★	☆		☆	★	☆	1.67	0.30	1.40	1.30
		11.0	1	266RL-16WH01C110M			★			★			★			★	☆	.0657	.0118	.055	.051
		11.0	1	266RL-16WH01F110E			★			★			★			★	☆	.0720	.0130	.055	.051
		10.0	1	266RL-16WH01A100M		★			★			★			★		☆	.0720	.0130	.055	.051
		9.0	1	266RL-16WH01A090M		★			★			★			★		☆	1.83	0.33	1.40	1.30
		8.0	1	266RL-16WH01A080M		★	☆		☆	★		★	☆		☆	★	☆	.0795	.0146	.055	.051
																		.0882	.0161	.071	.051
																		2.53	0.47	1.80	1.30
																		.0996	.0185	.071	.051
22	1/2	7.0	1	266RL-22WH01A070M		★			★			★			★		☆	2.88	0.53	2.50	1.64
		6.0	1	266RL-22WH01A060M		★			★			★			★		☆	.1134	.0209	.098	.065
		5.0	1	266RL-22WH01A050M		★			★			★			★		☆	3.36	0.62	2.50	1.64
		4.5	1	266RL-22WH01A045M		★			★			★			★		☆	.1323	.0244	.098	.065
		4.0	1	266RL-22WH01A040M		★			★			★			★		☆	4.03	0.76	2.50	1.35
																		.1587	.0299	.098	.053
																		4.48	0.85	2.65	0.96
																		.1764	.0335	.104	.038
																		5.04	0.96	2.75	0.67
																		.1984	.0378	.108	.026

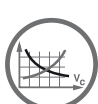
R = Right hand



C48



C57



C94



C111



H37



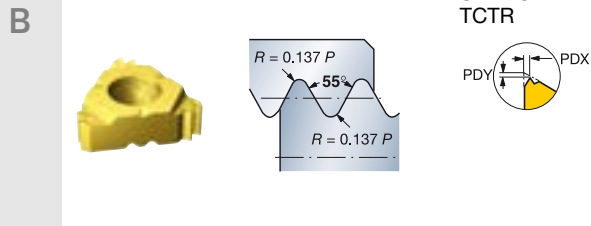
H28



H26

CoroThread® 266 insert for thread turning

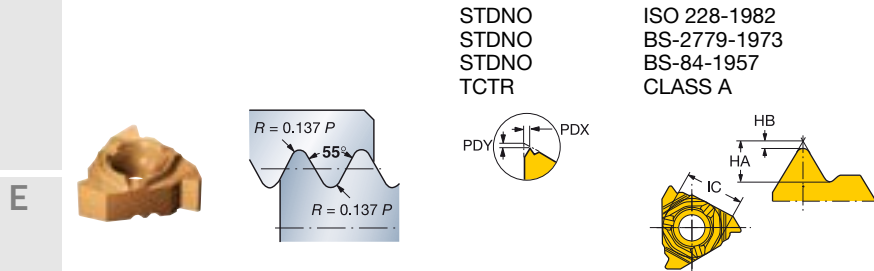
Whitworth 55° (BSW, BSF, BSP) Topping



C

Internal right-hand threads – multipoint insert

				P	M	K	N	S	Dimensions, mm, inch						
	TPI	NT	Ordering code	1020	1125	1020	1125	1020	1125	1020	1125	HA	HB	PDX	PDY
16	3/8	14.0	2	266RL-16WH02A140M	★		★		★		★	1.43	0.25	2.70	1.69
												.0563	.0098	.106	.066
22	1/2	11.0	2	266RL-22WH02A110E	★		★		★		★	1.83	0.33	3.40	1.83
												.0720	.0130	.134	.072

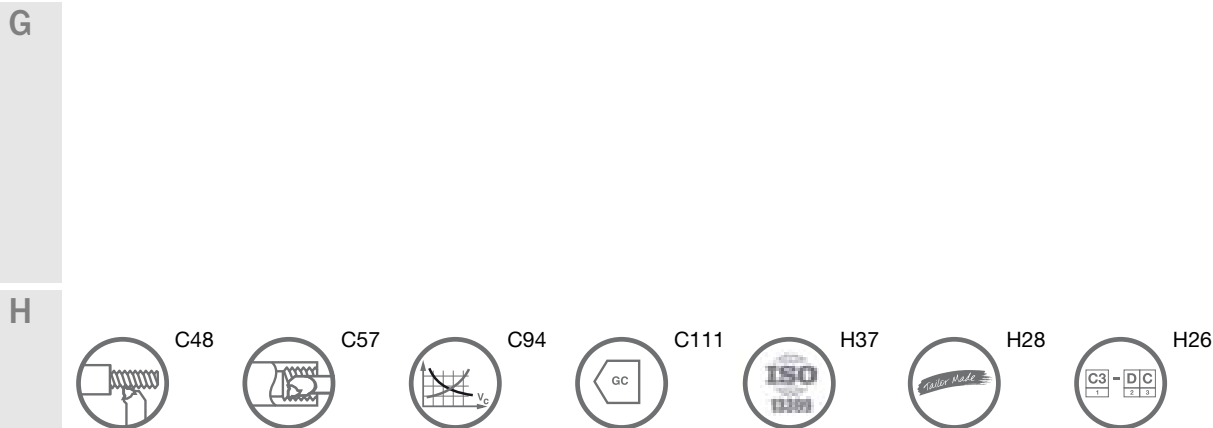


E

Internal left-hand threads

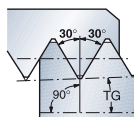
		P	M	K	N	S	H	Dimensions, mm, inch			
	NT	1125	1125	1125	1125	1125	1125	HA	HB	PDX	PDY
16 3/8 14.0 1	266LL-16WH01A140M	★	★	★	★	★	★	1.43	0.25	1.20	1.30
								.0563	.0098	.047	.051
11.0 1	266LL-16WH01A110M	★	★	★	★	★	★	1.83	0.33	1.40	1.30
								.0720	.0130	.055	.051

R = Right hand, L = Left hand



CoroThread® 266 insert for thread turning

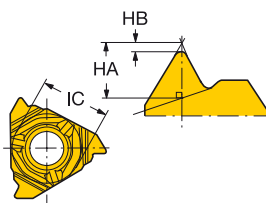
NPT 60° (NPSC, NPTR, LINE PIPE) Full form



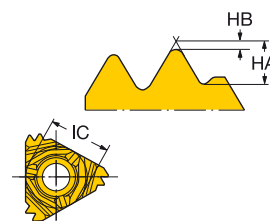
STDNO



ANSI B.1.20.1-1983



ANSI B.1.20.1-1983



External right-hand threads

					P	M	K	N	S	H	Dimensions, mm, inch							
	TPI	NT	Ordering code	1125	1135	1125	1135	1125	1135	1125	1135	1125	1135	HA	HB	PDX	PDY	TG
16	3/8	27.0	1	266RG-16NT01A270M	★	☆	★	★	★	★	★	★	★	0.76	0.05	0.80	1.03	0.03
														.0299	.0020	.031	.041	
	18.0	1	266RG-16NT01A180M	★	☆	★	★	★	★	★	★	★	★	1.14	0.08	1.00	1.03	0.03
														.0449	.0032	.039	.041	
	14.0	1	266RG-16NT01A140M	★	☆	★	★	★	★	★	★	★	★	1.46	0.09	1.20	1.03	0.03
														.0575	.0035	.047	.041	
	14.0	1	266RG-16NT01C140M	★	☆	★	★	★	★	★	★	★	★	1.46	0.09	1.20	1.03	0.03
														.0575	.0035	.047	.041	
	14.0	1	266RG-16NT01F140E	★	☆	★	★	★	★	★	★	★	★	1.46	0.09	1.20	1.03	0.03
														.0575	.0035	.047	.041	
	11.5	1	266RG-16NT01A115M	★	☆	★	★	★	★	★	★	★	★	1.79	0.11	1.40	1.03	0.03
														.0705	.0043	.055	.041	
	11.5	1	266RG-16NT01C115M	★	☆	★	★	★	★	★	★	★	★	1.79	0.11	1.40	1.03	0.03
														.0705	.0043	.055	.041	
	11.5	1	266RG-16NT01F115E	★	☆	★	★	★	★	★	★	★	★	1.79	0.11	1.40	1.03	0.03
														.0705	.0043	.055	.041	
	8.0	1	266RG-16NT01A080M	★	☆	★	★	★	★	★	★	★	★	2.57	0.14	1.60	1.03	0.03
														.1012	.0055	.063	.041	
	8.0	1	266RG-16NT01C080M	★	☆	★	★	★	★	★	★	★	★	2.57	0.14	1.60	1.03	0.03
														.1012	.0055	.063	.041	

External right-hand threads – multipoint insert

				P	M	K	N	S	Dimensions, mm, inch				
	IC	TPI	NT	Ordering code	1020	1020	1020	1020	HA	HB	PDX	PDY	TG
22	1/2	11.5	2	266RG-22NT02A115E	★	★	★	★	1.79	0.11	3.40	1.67	0.03
									.0705	.0043	.134	.066	

R = Right hand



C48



C57



C94



C111



H37



H28



H26

A

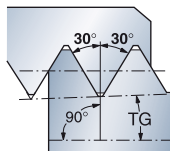
THREAD TURNING

Inserts

CoroThread® 266 insert for thread turning

NPT 60° (NPSC, NPTR, LINE PIPE) Full form

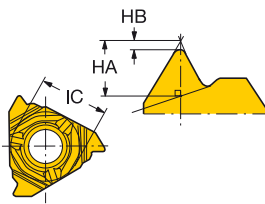
B



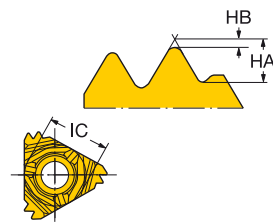
STDNO



ANSI B.1.20.1-1983



ANSI B.1.20.1-1983



C

Internal right-hand threads

					P	M	K	N	S	H	Dimensions, mm, inch									
		TPI	NT	Ordering code	1125	1135	1125	1135	1125	1135	1125	1135	1125	1135	HA	HB	PDX	PDY	TG	
16	3/8	14.0	1	266RL-16NT01A140M	★	☆	☆	★	★	☆	★	☆	☆	★	☆	1.46	0.09	1.20	1.01	0.03
		14.0	1	266RL-16NT01C140M		★		★		★		★		☆	☆	.0575	.0035	.047	.040	
		14.0	1	266RL-16NT01F140E		★		★		★		★		☆	☆	.0575	.0035	.047	.040	
		11.5	1	266RL-16NT01A115M	★	☆	☆	★	★	☆	★	☆	☆	★	☆	1.78	0.11	1.40	1.01	0.03
		11.5	1	266RL-16NT01C115M		★		★		★		★		☆	☆	.0701	.0043	.055	.040	
		11.5	1	266RL-16NT01F115E		★		★		★		★		☆	☆	.0701	.0043	.055	.040	
		8.0	1	266RL-16NT01A080M	★	☆	☆	★	★	☆	★	☆	☆	★	☆	2.57	0.14	1.60	1.01	0.03
		8.0	1	266RL-16NT01C080M		★		★		★		★		☆	☆	.1012	.0055	.063	.040	
																.1012	.0055	.063	.040	

D

E

Internal right-hand threads – multipoint insert

				P	M	K	N	S	Dimensions, mm, inch				
	TPI	NT	Ordering code	1020	1020	1020	1020	1020	HA	HB	PDX	PDY	TG
22	1/2	11.5	2	266RL-22NT02A115E	★	★	★	★	1.79	0.11	3.40	1.64	0.03
									.0705	.0043	.134	.065	

F

R = Right hand

G

H



C48



C57



C94



C111



H37



H28



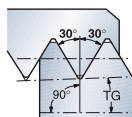
H26

C 30

SANDVIK
Coromant

CoroThread® 266 insert for thread turning

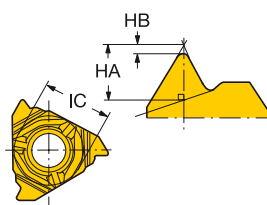
NPT 60° (NPSC, NPTR, LINE PIPE) Full form



STDNO

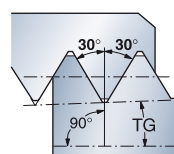


ANSI B.1.20.1-1983

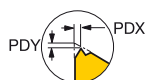


External left-hand threads

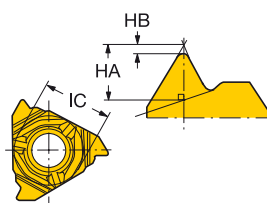
		P	M	K	N	S	H	Dimensions, mm, inch				
IC	TPI	NT	Ordering code	1125	1125	1125	1125	HA	HB	PDX	PDY	TG
16	3/8	27.0	1	266LG-16NT01A270M	★	★	★	0.76	0.05	0.80	1.03	0.03
	18.0	1	266LG-16NT01A180M	★	★	★	★	.0299	.0020	.031	.041	
	14.0	1	266LG-16NT01A140M	★	★	★	★	1.14	0.08	1.00	1.03	0.03
	11.5	1	266LG-16NT01A115M	★	★	★	★	.0449	.0032	.039	.041	
	8.0	1	266LG-16NT01A080M	★	★	★	★	1.46	0.09	1.20	1.03	0.03
								.0575	.0035	.047	.041	
								1.79	0.11	1.40	1.03	0.03
								.0705	.0043	.055	.041	
								2.57	0.14	1.60	1.03	0.03
								.1012	.0055	.063	.041	



STDNO



ANSI B.1.20.1-1983



Internal left-hand threads

		P	M	K	N	S	H	Dimensions, mm, inch				
IC	TPI	NT	Ordering code	1125	1125	1125	1125	HA	HB	PDX	PDY	TG
16	3/8	14.0	1	266LL-16NT01A140M	★	★	★	1.46	0.09	1.20	1.01	0.03
	11.5	1	266LL-16NT01A115M	★	★	★	★	.0575	.0035	.047	.040	
	8.0	1	266LL-16NT01A080M	★	★	★	★	1.79	0.11	1.40	1.01	0.03
								.0705	.0043	.055	.040	
								2.57	0.14	1.60	1.01	0.03
								.1012	.0055	.063	.040	

L = Left hand



C48



C57



C94



C111



H37



H28

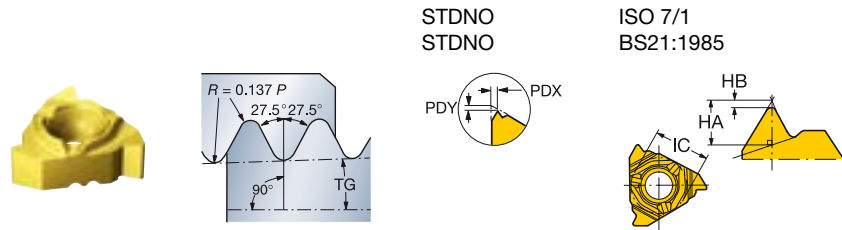


H26

CoroThread® 266 insert for thread turning

BSPT 55° Topping

B



C

External right-hand threads

					P	M	K	N	S	H	Dimensions, mm, inch						
		TPI	NT	Ordering code	1125	1135	1125	1135	1125	1135	1125	1135	HA	HB	PDX	PDY	TG
16	3/8	28.0	1	266RG-16PT01A280E	★	☆	☆	★	★	☆	★	☆	0.70	0.13	0.80	1.32	0.03
													.0276	.0051	.031	.052	
		19.0	1	266RG-16PT01A190E	★	☆	☆	★	★	☆	★	☆	1.04	0.19	0.80	1.32	0.03
													.0409	.0075	.031	.052	
		14.0	1	266RG-16PT01A140E	★	☆	☆	★	★	☆	★	☆	1.41	0.26	1.20	1.32	0.03
													.0555	.0102	.047	.052	
		11.0	1	266RG-16PT01A110E	★	☆	☆	★	★	☆	★	☆	1.80	0.34	1.40	1.32	0.03
													.0709	.0134	.055	.052	
		8.0	1	266RG-16PT01A080E	★		★		★		★	☆	2.47	0.47	1.80	1.32	0.03
													.0972	.0185	.071	.052	

D

External left-hand threads

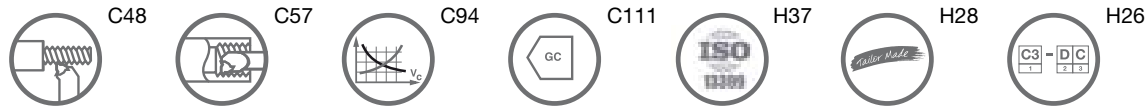
				P	M	K	N	S	H	Dimensions, mm, inch					
	IC	TPI	NT	Ordering code	1125	1125	1125	1125	1125		HA	HB	PDX	PDY	TG
16	3/8	19.0	1	266LG-16PT01A190E	★	★	★	★	★	☆	1.04	0.19	0.80	1.32	0.03
											.0409	.0075	.031	.052	
		14.0	1	266LG-16PT01A140E	★	★	★	★	★	☆	1.41	0.26	1.20	1.32	0.03
											.0555	.0102	.047	.052	
		11.0	1	266LG-16PT01A110E	★	★	★	★	★	☆	1.80	0.34	1.40	1.32	0.03
											.0709	.0134	.055	.052	

R = Right hand, L = Left hand

F

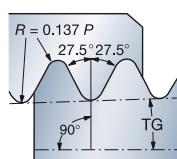
G

H



CoroThread® 266 insert for thread turning

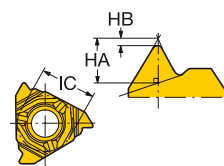
BSPT 55° Topping



STDNO
STDNO



ISO 7/1
BS21:1985



Internal right-hand threads

					P	M	K	N	S	H	Dimensions, mm, inch								
		TPI	NT	Ordering code	1125	1135	1125	1135	1125	1135	1125	1135	1125	1135	HA	HB	PDX	PDY	TG
16	3/8	28.0	1	266RL-16PT01A280E	★	★	★	★	★	★	★	☆			0.71	0.12	0.80	1.30	0.03
															.0280	.0047	.031	.051	
		19.0	1	266RL-16PT01A190E	★	★	★	★	★	★	★	☆			1.03	0.18	0.80	1.30	0.03
															.0406	.0071	.031	.051	
		14.0	1	266RL-16PT01A140E	★	☆	★	★	☆	★	☆	★	☆	☆	1.40	0.25	1.20	1.30	0.03
															.0551	.0098	.047	.051	
		11.0	1	266RL-16PT01A110E	★	☆	☆	★	★	☆	☆	★	☆	☆	1.80	0.33	1.40	1.30	0.03
															.0709	.0130	.055	.051	
		8.0	1	266RL-16PT01A080E	★	★	★	★	★	★	★	☆			2.48	0.47	1.80	1.30	0.03
															.0976	.0185	.071	.051	

Internal left-hand threads

					P	M	K	N	S	H	Dimensions, mm, inch				
		TPI	NT	Ordering code	1125	1125	1125	1125	1125	1125	HA	HB	PDX	PDY	TG
16	3/8	19.0	1	266LL-16PT01A190E	★	★	★	★	★	☆	1.03	0.18	0.80	1.30	0.03
											.0406	.0071	.031	.051	
		14.0	1	266LL-16PT01A140E	★	★	★	★	★	☆	1.40	0.25	1.20	1.30	0.03
											.0551	.0098	.047	.051	
		11.0	1	266LL-16PT01A110E	★	★	★	★	★	☆	1.80	0.33	1.40	1.30	0.03
											.0709	.0130	.055	.051	

R = Right hand, L = Left hand

C

D

E

F

G

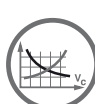
H



C48



C57



C94



C111



H37



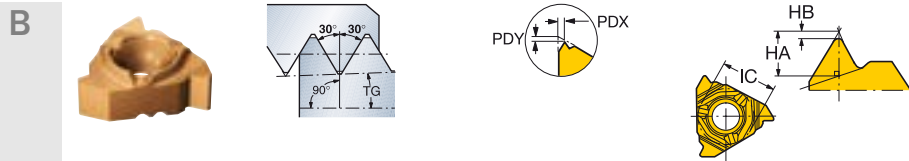
H28



H26

CoroThread® 266 insert for thread turning

NPTF 60° Topping



C

External right-hand threads

					P	M	K	N	S	H	Dimensions, mm, inch				
	IC	TPI	NT	Ordering code	1125	1125	1125	1125	1125	1125	HA	HB	PDX	PDY	TG
16	3/8	27.0	1	266RG-16NF01A270E	★	★	★	★	★	☆	0.75	0.11	0.80	1.03	0.03
											.0295	.0043	.031	.041	
		18.0	1	266RG-16NF01A180E	★	★	★	★	★	☆	1.14	0.13	1.00	1.03	0.03
											.0449	.0051	.039	.041	
		14.0	1	266RG-16NF01A140E	★	★	★	★	★	☆	1.49	0.13	1.20	1.03	0.03
											.0587	.0051	.047	.041	
		11.5	1	266RG-16NF01A115E	★	★	★	★	★	☆	1.81	0.17	1.40	1.03	0.03
											.0713	.0067	.055	.041	
		8.0	1	266RG-16NF01A080E	★	★	★	★	★	☆	2.60	0.21	1.60	1.03	0.03
											.1024	.0083	.063	.041	

D

Internal right-hand threads

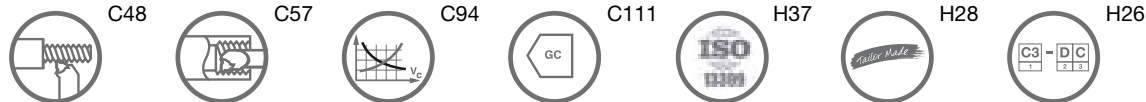
				P	M	K	N	S	H	Dimensions, mm, inch				
	IC	TPI	NT	Ordering code	1125	1125	1125	1125	1125	HA	HB	PDX	PDY	TG
16	3/8	14.0	1	266RL-16NF01A140E	★	★	★	★	★	1.49	0.13	1.20	1.01	0.03
										.0587	.0051	.047	.040	
		11.5	1	266RL-16NF01A115E	★	★	★	★	★	1.81	0.17	1.40	1.01	0.03
										.0713	.0067	.055	.040	
		8.0	1	266RL-16NF01A080E	★	★	★	★	★	2.60	0.21	1.60	1.01	0.03
										.1024	.0083	.063	.040	

R = Right hand

F

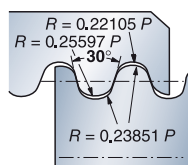
G

H



CoroThread® 266 insert for thread turning

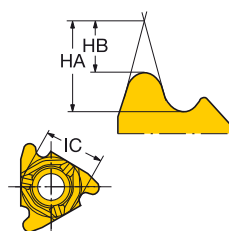
Round 30° Topping



STDNO
TCTR



DIN 405
IT 7-6



External right-hand threads

	TPI	NT	Ordering code	P		M		K		N		S		H		Dimensions, mm, inch			
				1020	1125	1020	1125	1020	1125	1020	1125	1020	1125	1020	1125	HA	HB	PDX	PDY
				1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135				
16	3/8	10.0	1	266RG-16RN01A100M	★		★		★	★		★		★	☆	2.97	1.72	0.85	1.33
																.1169	.0677	.033	.052
	8.0	1	266RG-16RN01A080M	★		★		★		★		★		★	☆	3.72	2.14	1.05	1.38
																.1465	.0843	.041	.054
	8.0	1	266RG-16RN01F080E		★		★		★		★		★		☆	3.72	2.14	1.05	1.37
																.1465	.0843	.041	.054
	6.0	1	266RG-16RN01A060M	★		★		★		★		★		★	☆	4.98	2.86	1.50	1.43
																.1961	.1126	.059	.056
	6.0	1	266RG-16RN01F060E		★		★		★		★		★		☆	4.98	2.86	1.50	1.43
																.1961	.1126	.059	.056
22	1/2	4.0	1	266RG-22RN01A040M	★		★		★	★		★		★	☆	7.45	4.30	2.60	1.38
																.2933	.1693	.102	.054
	4.0	1	266RG-22RN01F040E	★		★		★		★		★		★	☆	7.45	4.30	2.60	1.38
																.2933	.1693	.102	.054

External left-hand threads

	TPI	NT	Ordering code	P		M		K		N		S		H		Dimensions, mm, inch			
				1020	1125	1020	1125	1020	1125	1020	1125	1020	1125	1020	1125	HA	HB	PDX	PDY
				1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135				
16	3/8	10.0	1	266LG-16RN01A100M		★		★		★		★		★	☆	2.97	1.72	0.85	1.32
																.1169	.0677	.033	.052
	8.0	1	266LG-16RN01A080M		★		★		★		★		★		☆	3.72	2.14	1.05	1.32
																.1465	.0843	.041	.052
	6.0	1	266LG-16RN01A060M		★		★		★		★		★		☆	4.98	2.86	1.50	1.43
																.1961	.1126	.059	.056
22	1/2	4.0	1	266LG-22RN01A040M	★		★		★	★		★		★	☆	7.45	4.30	2.60	1.38
																.2933	.1693	.102	.054

R = Right hand, L = Left hand



C48



C57



C94



C111



H37



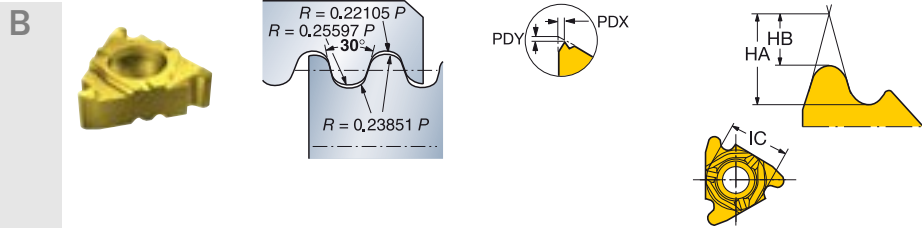
H28



H26

CoroThread® 266 insert for thread turning

Round 30° Topping



C

Internal right-hand threads

 		TPI NT		Ordering code	P			M			K			N			S			H			Dimensions, mm, inch			
					1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135				
16	3/8	10.0	1	266RL-16RN01A100M		★			★			★			★			★			☆		HA	HB	PDX	PDY
																						2.87	1.58	0.85	1.30	
		8.0	1	266RL-16RN01A080M		★			★			★			★			★			☆	.1130	.0622	.033	.051	
																						3.56	1.97	1.05	1.30	
		6.0	1	266RL-16RN01A060M		★			★			★			★			★			☆	.1402	.0776	.041	.051	
																						.1886	.1047	.053	.059	
		6.0	1	266RL-16RN01F060E			★		★			★			★			★			☆	4.79	2.66	1.35	1.50	
																						.1886	.1047	.053	.057	
																						4.79	2.66	1.35	1.45	
																						.1886	.1047	.053	.057	
22	1/2	4.0	1	266RL-22RN01A040M	★			★			★			★			★			☆		7.17	3.98	2.60	1.35	
																						.2823	.1567	.102	.053	
		4.0	1	266RL-22RN01F040E	★			★			★			★			★			☆		7.17	3.98	2.60	1.35	
																						.2823	.1567	.102	.053	

D

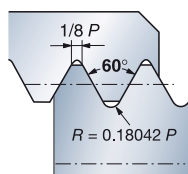
Internal left-hand threads

				P	M		K	N		S	H		Dimensions, mm, inch			
	IC	TPI	NT	Ordering code	1020	1125	1020	1125	1020	1125	1020	1125	HA	HB	PDX	PDY
16	3/8	10.0	1	266LL-16RN01A100M		★		★		★		★	2.87	1.58	0.85	1.30
													.1130	.0622	.033	.051
		8.0	1	266LL-16RN01A080M		★		★		★		★	3.59	2.00	1.05	1.30
													.1413	.0787	.041	.051
		6.0	1	266LL-16RN01A060M		★		★		★		★	4.79	2.66	1.35	1.45
													.1886	.1047	.053	.057
22	1/2	4.0	1	266LL-22RN01A040M	★		★		★		★	☆	7.17	3.98	2.60	1.35
													.2823	.1567	.102	.053

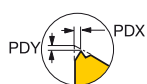
R = Right hand, L = Left hand

CoroThread® 266 insert for thread turning

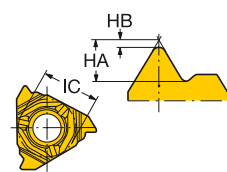
MJ 60° Topping



STDNO
TCTR



ISO 5855-1983
IT 4-6



External right-hand threads

					P	M	K	N	S	H	Dimensions, mm, inch			
		TP	NT	Ordering code	1125	1125	1125	1125	1125	1125	HA	HB	PDX	PDY
16	3/8	1.50	1	266RG-16MJ01A150E	★	★	★	★	★	☆	1.12	0.25	1.00	1.32
		.059									.0441	.0098	.039	.052
		2.00	1	266RG-16MJ01A200E	★	★	★	★	★	☆	1.50	0.34	1.40	1.32
		.079									.0591	.0134	.055	.052

External left-hand threads

					P	M	K	N	S	H	Dimensions, mm, inch			
		TP	NT	Ordering code	1125	1125	1125	1125	1125	1125	HA	HB	PDX	PDY
16	3/8	1.50	1	266LG-16MJ01A150E	★	★	★	★	★	☆	1.12	0.25	1.00	1.32
		.059									.0441	.0098	.039	.052
		2.00	1	266LG-16MJ01A200E	★	★	★	★	★	☆	1.50	0.34	1.40	1.32
		.079									.0591	.0134	.055	.052

R = Right hand, L = Left hand

Internal threads

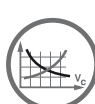
Note: To turn an internal MJ thread, use a CoroTurn 107 boring bar and insert to turn correct internal diameter and then produce the thread with a corresponding ISO metric 60° (MM) insert.



C48



C57



C94



C111



H37



H28

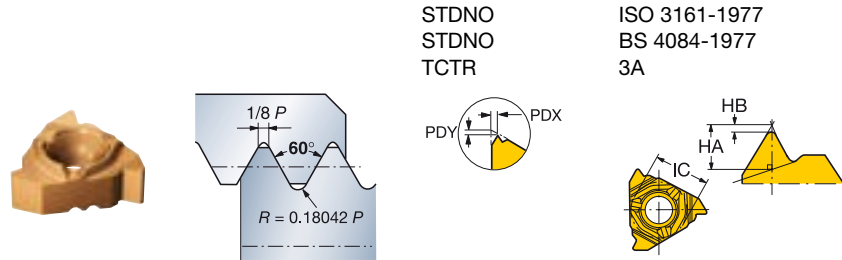


H26

CoroThread® 266 insert for thread turning

UNJ 60° Full form

B



C

External right-hand threads

					P	M	K	N	S	H	Dimensions, mm, inch			
	IC	TPI	NT	Ordering code	1125	1125	1125	1125	1125	1125	HA	HB	PDX	PDY
16	3/8	32.0	1	266RG-16NJ01A320E	★	★	★	★	★	☆	0.59	0.13	0.50	1.32
											.0232	.0051	.020	.052
		28.0	1	266RG-16NJ01A280E	★	★	★	★	★	☆	0.67	0.15	0.80	1.32
											.0264	.0059	.031	.052
		24.0	1	266RG-16NJ01A240E	★	★	★	★	★	☆	0.79	0.18	0.80	1.32
											.0311	.0071	.031	.052
		20.0	1	266RG-16NJ01A200E	★	★	★	★	★	☆	0.94	0.21	1.00	1.32
											.0370	.0083	.039	.052
		18.0	1	266RG-16NJ01A180E	★	★	★	★	★	☆	1.05	0.23	1.00	1.32
											.0413	.0091	.039	.052
		16.0	1	266RG-16NJ01A160E	★	★	★	★	★	☆	1.18	0.26	1.00	1.32
											.0465	.0102	.039	.052
		14.0	1	266RG-16NJ01A140E	★	★	★	★	★	☆	1.35	0.30	1.20	1.32
											.0532	.0118	.047	.052
		12.0	1	266RG-16NJ01A120E	★	★	★	★	★	☆	1.58	0.36	1.40	1.32
											.0622	.0142	.055	.052
		10.0	1	266RG-16NJ01A100E	★	★	★	★	★	☆	1.89	0.42	1.40	1.32
											.0744	.0165	.055	.052
		8.0	1	266RG-16NJ01A080E	★	★	★	★	★	☆	2.38	0.53	1.80	1.32
											.0837	.0209	.071	.052

R = Right hand

Internal threads

Note: To turn an internal UNJ thread, use a CoroTurn 107 boring bar and insert to turn correct internal diameter and then produce the thread with a corresponding UN 60° insert.

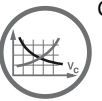
F

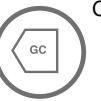
G

H

C48

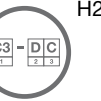
C57

C94

C111

H37

H28

H26

C 38

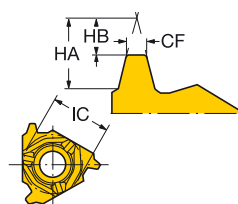
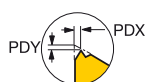
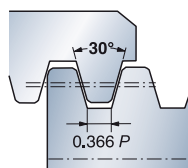


CoroThread® 266 insert for thread turning

ISO Trapezoidal 30° Chamfered crest form

STDNO
STDNO
TCTR

ISO 2901-2904
DIN 103-1977
IT 7



External right-hand threads

					P	M	K	N	S	H	Dimensions, mm, inch								
		TP	NT	Ordering code	1020	1135	1020	1135	1020	1135	1020	1135	1020	1135	CF	HA	HB	PDX	PDY
16	3/8	1.50	1	266RG-16TR01F150E	★	★	★	★	★	★	★	★	★	★	0.5	1.85	0.88	1.00	1.32
		.059													.019	.0728	.0346	.039	.052
		2.00	1	266RG-16TR01F200E	★	★	★	★	★	★	★	★	★	★	0.6	2.44	1.13	1.10	1.32
		.079													.024	.0961	.0445	.043	.052
		3.00	1	266RG-16TR01F300E	★	★	★	★	★	★	★	★	★	★	1.0	3.63	1.82	1.60	1.23
		.118													.039	.1429	.0717	.063	.048
22	1/2	4.00	1	266RG-22TR01F400E	★	★	★	★	★	★	★	★	★	★	1.3	4.82	2.50	1.90	1.38
		.157													.053	.1898	.0984	.075	.054
		5.00	1	266RG-22TR01F500E	★	★	★	★	★	★	★	★	★	★	1.7	6.01	3.18	2.10	1.38
		.197													.067	.2366	.1252	.083	.054
		6.00	1	266RG-22TR01F600E	★	★	★	★	★	★	★	★	★	★	1.9	7.20	3.62	2.40	0.79
		.236													.076	.2835	.1425	.094	.031
		7.00	1	266RG-22TR01F700E	★	★	★	★	★	★	★	★	★	★	2.3	8.38	4.31	2.40	0.79
		.276													.091	.3299	.1697	.094	.031
27	5/8	8.00	1	266RG-27TR01F800E	★	★	★	★	★	★	★	★	★	★	2.7	9.57	5.00	3.30	0.54
		.315													.106	.3768	.1969	.130	.021

External left-hand threads

					P	M	K	N	S	H	Dimensions, mm, inch								
		TP	NT	Ordering code	1020	1135	1020	1135	1020	1135	1020	1135	1020	1135	CF	HA	HB	PDX	PDY
16	3/8	1.50	1	266LG-16TR01F150E	★	★	★	★	★	★	★	★	★	★	0.5	1.85	0.88	1.00	1.32
		.059													.019	.0728	.0346	.039	.052
		2.00	1	266LG-16TR01F200E	★	★	★	★	★	★	★	★	★	★	0.6	2.44	1.13	1.10	1.33
		.079													.024	.0961	.0445	.043	.052
		3.00	1	266LG-16TR01F300E	★	★	★	★	★	★	★	★	★	★	1.0	3.63	1.82	1.60	1.23
		.118													.039	.1429	.0717	.063	.048
22	1/2	4.00	1	266LG-22TR01F400E	★	★	★	★	★	★	★	★	★	★	1.3	4.82	2.50	1.90	1.38
		.157													.053	.1898	.0984	.075	.054
		5.00	1	266LG-22TR01F500E	★	★	★	★	★	★	★	★	★	★	1.7	6.01	3.18	2.10	1.38
		.197													.067	.2366	.1252	.083	.054
		6.00	1	266LG-22TR01F600E	★	★	★	★	★	★	★	★	★	★	1.9	7.20	3.62	2.40	0.79
		.236													.076	.2835	.1425	.094	.031
		7.00	1	266LG-22TR01F700E	★	★	★	★	★	★	★	★	★	★	2.3	8.38	4.31	2.40	0.79
		.276													.091	.3299	.1697	.094	.031

R = Right hand, L = Left hand



C48



C57



C94



C111



H37



H28



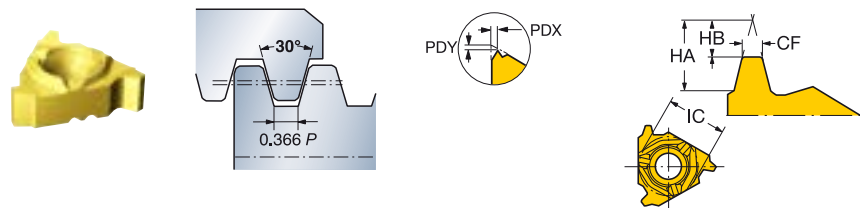
H26

CoroThread® 266 insert for thread turning

ISO Trapezoidal 30° Chamfered crest form

STDNO
STDNO
TCTR

ISO 2901-2904
DIN 103-1977
IT 7



C Internal right-hand threads

		TPNT		Ordering code	P		M		K		N		S		H		Dimensions, mm, inch				
					1020	1135	1020	1135	1020	1135	1020	1135	1020	1135							
16	3/8	2.00	1	266RL-16TR01F200E		★		★		★		★		★		☆	CF	HA	HB	PDX	PDY
		.079															.023	.0949	.0425	.043	.051
		3.00	1	266RL-16TR01F300E		★		★		★		★		★		☆	0.9	3.59	1.76	1.60	1.21
		.118															.037	.1413	.0693	.063	.047
22	1/2	4.00	1	266RL-22TR01F400E	★		★		★		★		★		☆		1.3	4.77	2.45	1.90	1.35
		.157															.052	.1878	.0965	.075	.053
		5.00	1	266RL-22TR01F500E	★		★		★		★		★		☆		1.7	5.96	3.13	2.10	1.35
		.197															.066	.2346	.1232	.083	.053
		6.00	1	266RL-22TR01F600E	★		★		★		★		★		☆		1.9	7.14	3.56	2.40	0.77
		.236															.075	.2811	.1402	.094	.030
		7.00	1	266RL-22TR01F700E	★		★		★		★		★		☆		2.3	8.32	4.25	2.40	0.96
		.276															.090	.3276	.1673	.094	.038
27	5/8	8.00	1	266RL-27TR01F800E	★		★		★		★		★		☆		2.6	9.49	4.93	3.30	0.54
		.315															.104	.3736	.1941	.130	.021

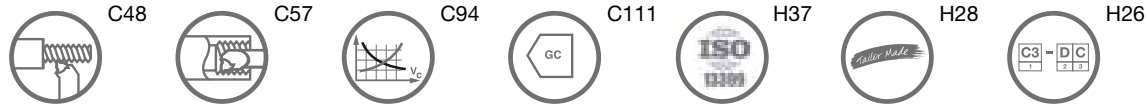
E Internal left-hand threads

		TPNT		Ordering code	P		M		K		N		S		H		Dimensions, mm, inch				
					1020	1135	1020	1135	1020	1135	1020	1135	1020	1135							
16	3/8	2.00	1	266LL-16TR01F200E		★		★		★		★		★		☆	CF	HA	HB	PDX	PDY
		.079															.023	.0949	.0425	.047	.051
		3.00	1	266LL-16TR01F300E		★		★		★		★		★		☆	0.9	3.59	1.76	1.35	1.45
		.118															.037	.1413	.0693	.053	.057
22	1/2	4.00	1	266LL-22TR01F400E	★		★		★		★		★		☆		1.3	4.77	2.45	1.90	1.35
		.157															.052	.1878	.0965	.075	.053
		5.00	1	266LL-22TR01F500E	★		★		★		★		★		☆		1.7	5.96	3.13	2.10	1.35
		.197															.066	.2346	.1232	.083	.053
		6.00	1	266LL-22TR01F600E	★		★		★		★		★		☆		1.9	7.14	3.56	2.40	0.77
		.236															.075	.2811	.1402	.094	.030
		7.00	1	266LL-22TR01F700E	★		★		★		★		★		☆		2.3	8.32	4.25	2.40	0.96
		.276															.090	.3276	.1673	.094	.038

R = Right hand, L = Left hand

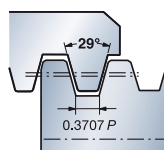
G

H

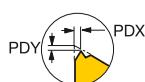


CoroThread® 266 insert for thread turning

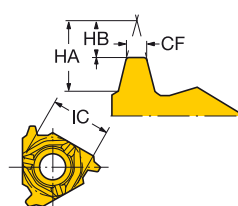
ACME 29° Chamfered crest form



STDNO
TCTR



ANSI B1.5-1988
2G



External right-hand threads

										Dimensions, mm, inch				
										CF	HA	HB	PDX	PDY
	TPI	NT	Ordering code	1020	1135	1020	1135	1020	1135	1020	1135	1020	1135	1020
16	3/8	16.0	1	266RG-16AC01F160E	★	★	★	★	★	★	★	★	★	★
										0.5	1.98	1.04	1.00	1.33
										.021	.0780	.0409	.039	.052
	14.0	1	266RG-16AC01F140E	★	★	★	★	★	★	★	★	★	★	★
										0.6	2.26	1.21	1.10	1.33
										.025	.0890	.0476	.043	.052
	12.0	1	266RG-16AC01F120E	★	★	★	★	★	★	★	★	★	★	★
										0.7	2.64	1.43	1.20	1.33
										.029	.1039	.0563	.047	.052
	10.0	1	266RG-16AC01F100E	★	★	★	★	★	★	★	★	★	★	★
										0.8	3.16	1.61	1.30	1.32
										.033	.1244	.0634	.051	.052
	8.0	1	266RG-16AC01F080E	★	★	★	★	★	★	★	★	★	★	★
										1.1	3.94	2.08	1.50	1.23
										.043	.1551	.0819	.059	.048
22	1/2	6.0	1	266RG-22AC01F060E	★	★	★	★	★	★	★	★	★	★
										1.5	5.25	2.84	1.90	1.38
										.058	.2067	.1118	.075	.054
	5.0	1	266RG-22AC01F050E	★	★	★	★	★	★	★	★	★	★	★
										1.8	6.29	3.47	2.10	1.38
										.070	.2476	.1366	.083	.054
	4.0	1	266RG-22AC01F040E	★	★	★	★	★	★	★	★	★	★	★
										2.3	7.87	4.41	2.40	0.79
										.090	.3098	.1736	.094	.031
27	5/8	3.0	1	266RG-27AC01F030E	★	★	★	★	★	★	★	★	★	★
										3.1	10.47	5.95	3.30	0.54
										.121	.4122	.2343	.130	.021

External left-hand threads

										Dimensions, mm, inch				
										CF	HA	HB	PDX	PDY
	TPI	NT	Ordering code	1020	1135	1020	1135	1020	1135	1020	1135	1020	1135	1020
16	3/8	12.0	1	266LG-16AC01F120E	★	★	★	★	★	★	★	★	★	★
										0.7	2.64	1.43	1.20	1.33
										.029	.1039	.0563	.047	.052
	10.0	1	266LG-16AC01F100E	★	★	★	★	★	★	★	★	★	★	★
										0.8	3.16	1.61	1.30	1.33
										.033	.1244	.0634	.051	.052
	8.0	1	266LG-16AC01F080E	★	★	★	★	★	★	★	★	★	★	★
										1.1	3.94	2.08	1.50	1.23
										.043	.1551	.0819	.059	.048
22	1/2	6.0	1	266LG-22AC01F060E	★	★	★	★	★	★	★	★	★	★
										1.5	5.25	2.84	1.90	1.38
										.058	.2067	.1118	.075	.054
	5.0	1	266LG-22AC01F050E	★	★	★	★	★	★	★	★	★	★	★
										1.8	6.29	3.47	2.10	1.38
										.070	.2476	.1366	.083	.054
	4.0	1	266LG-22AC01F040E	★	★	★	★	★	★	★	★	★	★	★
										2.3	7.87	4.41	2.40	0.79
										.090	.3098	.1736	.094	.031

R = Right hand, L = Left hand



C48



C57



C94



C111



H37



H28

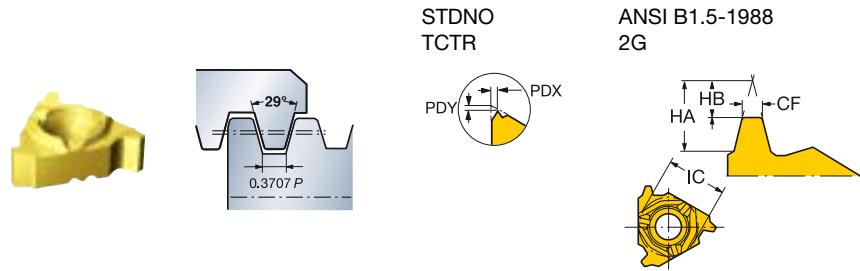


H26

CoroThread® 266 insert for thread turning

ACME 29° Chamfered crest form

B



C

Internal right-hand threads

				P		M		K		N		S		H		Dimensions, mm, inch					
	IC	TPI	NT	Ordering code	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	CF	HA	HB	PDX	PDY
16	3/8	16.0	1	266RL-16AC01F160E			★			★			★			☆	0.5	1.97	1.00	1.00	1.30
																	.020	.0776	.0394	.039	.051
		14.0	1	266RL-16AC01F140E			★			★			★			☆	0.6	2.25	1.16	1.10	1.30
																	.024	.0886	.0457	.043	.051
		12.0	1	266RL-16AC01F120E			★			★			★			☆	0.7	2.62	1.37	1.20	1.30
																	.028	.1032	.0539	.047	.051
		10.0	1	266RL-16AC01F100E			★			★			★			☆	0.8	3.13	1.54	1.30	1.30
																	.031	.1232	.0606	.051	.051
		8.0	1	266RL-16AC01F080E			★			★			★			☆	1.0	3.90	2.00	1.50	1.21
																	.041	.1535	.0787	.059	.047
22	1/2	6.0	1	266RL-22AC01A060M		★	☆		☆	★		☆	★		☆	☆	1.4	5.19	2.76	1.90	1.01
																	.056	.2043	.1087	.075	.040
		6.0	1	266RL-22AC01F060E	★			★		★			★			☆	1.4	5.19	2.76	1.90	1.35
																	.056	.2043	.1087	.075	.053
		5.0	1	266RL-22AC01F050E	★			★		★			★			☆	1.7	6.22	3.37	2.10	0.96
																	.069	.2449	.1327	.083	.038
		4.0	1	266RL-22AC01F040E	★			★		★			★			☆	2.2	7.77	4.28	2.40	0.87
																	.087	.3059	.1685	.094	.034
27	5/8	3.0	1	266RL-27AC01F030E	★			★		★			★			☆	3.0	10.31	5.80	3.30	0.54
																	.118	.4059	.2283	.130	.021

D

E

Internal left-hand threads

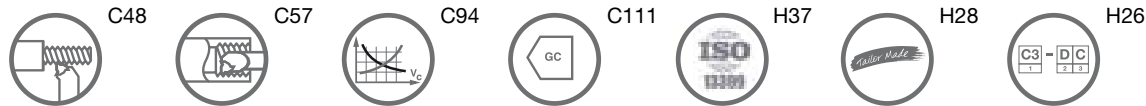
		TPI NT		Ordering code	P		M		K		N		S		H		Dimensions, mm, inch				
					1020	1135	1020	1135	1020	1135	1020	1135	1020	1135							
16	3/8	12.0	1	266LL-16AC01F120E		★		★		★		★		★		☆	CF	HA	HB	PDX	PDY
																	.028	.1032	.0539	.047	.051
		10.0	1	266LL-16AC01F100E		★		★		★		★		★		☆	0.8	3.13	1.54	1.30	1.30
																	.031	.1232	.0606	.051	.051
		8.0	1	266LL-16AC01F080E		★		★		★		★		★		☆	1.0	3.90	2.00	1.50	1.21
																	.041	.1535	.0787	.059	.048
22	1/2	6.0	1	266LL-22AC01F060E	★		★		★		★		★		☆		1.4	5.19	2.76	1.90	1.35
																	.056	.2043	.1087	.075	.053
		5.0	1	266LL-22AC01F050E	★		★		★		★		★		☆		1.7	6.22	3.37	2.00	0.96
																	.069	.2449	.1327	.079	.038
		4.0	1	266LL-22AC01F040E	★		★		★		★		★		☆		2.2	7.77	4.28	2.40	0.70
																	.087	.3059	.1685	.094	.028

F

G

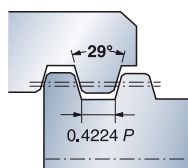
R = Right hand, L = Left hand

H

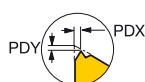


CoroThread® 266 insert for thread turning

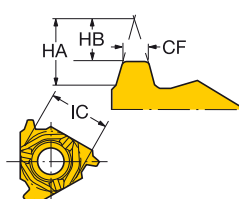
STUB-ACME 29° Chamfered crest form



STDNO
TCTR



ANSI B1.8-1988
2G



External right-hand threads

	TPI	NT	Ordering code	Dimensions, mm, inch						CF	HA	HB	PDX	PDY
				P	M	K	N	S	H					
				1020	1135	1020	1135	1020	1135	1020	1135	1020	1135	1020
16	3/8	16.0	1	266RG-16SA01F160E	★	★	★	★	★	★	★	★	★	★
	14.0	1	266RG-16SA01F140E	★	★	★	★	★	★	★	★	★	★	★
	12.0	1	266RG-16SA01F120E	★	★	★	★	★	★	★	★	★	★	★
	10.0	1	266RG-16SA01F100E	★	★	★	★	★	★	★	★	★	★	★
	8.0	1	266RG-16SA01F080E	★	★	★	★	★	★	★	★	★	★	★
22	1/2	6.0	1	266RG-22SA01F060E	★	★	★	★	★	★	★	★	★	★
	5.0	1	266RG-22SA01F050E	★	★	★	★	★	★	★	★	★	★	★
	4.0	1	266RG-22SA01F040E	★	★	★	★	★	★	★	★	★	★	★
27	5/8	3.0	1	266RG-27SA01F030E	★	★	★	★	★	★	★	★	★	★

External left-hand threads

	TPI	NT	Ordering code	Dimensions, mm, inch						CF	HA	HB	PDX	PDY
				P	M	K	N	S	H					
				1020	1135	1020	1135	1020	1135	1020	1135	1020	1135	1020
16	3/8	16.0	1	266LG-16SA01F160E	★	★	★	★	★	★	★	★	★	★
	14.0	1	266LG-16SA01F140E	★	★	★	★	★	★	★	★	★	★	★
	12.0	1	266LG-16SA01F120E	★	★	★	★	★	★	★	★	★	★	★
	10.0	1	266LG-16SA01F100E	★	★	★	★	★	★	★	★	★	★	★
	8.0	1	266LG-16SA01F080E	★	★	★	★	★	★	★	★	★	★	★
22	1/2	6.0	1	266LG-22SA01F060E	★	★	★	★	★	★	★	★	★	★
	5.0	1	266LG-22SA01F050E	★	★	★	★	★	★	★	★	★	★	★
	4.0	1	266LG-22SA01F040E	★	★	★	★	★	★	★	★	★	★	★

R = Right hand, L = Left hand



C48



C57



C94



C111



H37



H28

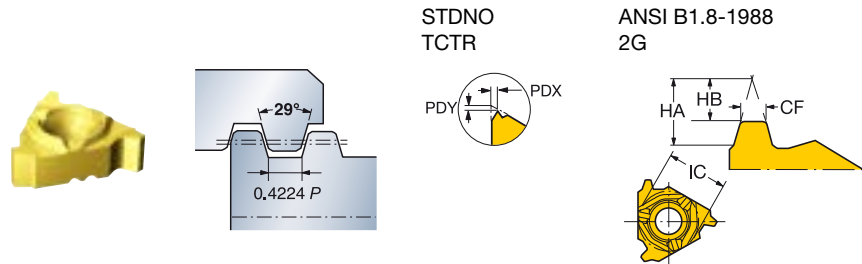


H26

CoroThread® 266 insert for thread turning

STUB-ACME 29° Chamfered crest form

B



C

Internal right-hand threads

					P	M	K	N	S	H	Dimensions, mm, inch								
	IC	TPI	NT	Ordering code	1020	1135	1020	1135	1020	1135	1020	1135	1020	1135	CF	HA	HB	PDX	PDY
16	3/8	16.0	1	266RL-16SA01F160E		★		★		★		★		★	0.6	1.81	1.15	1.00	1.30
															.023	.0713	.0453	.039	.051
		14.0	1	266RL-16SA01F140E		★		★		★		★		★	0.7	2.07	1.34	0.80	1.30
															.028	.0815	.0528	.031	.051
		12.0	1	266RL-16SA01F120E		★		★		★		★		★	0.9	2.40	1.59	1.10	1.30
															.033	.0945	.0626	.043	.051
		10.0	1	266RL-16SA01F100E		★		★		★		★		★	0.9	2.88	1.80	1.20	1.30
															.037	.1134	.0709	.047	.051
		8.0	1	266RL-16SA01F080E		★		★		★		★		★	1.2	3.59	2.31	1.50	1.50
															.049	.1413	.0909	.059	.059
22	1/2	6.0	1	266RL-22SA01F060E	★		★		★		★		★	☆	1.6	4.77	3.18	1.80	1.64
															.065	.1878	.1252	.071	.065
		5.0	1	266RL-22SA01F050E	★		★		★		★		★	☆	2.0	5.71	3.87	2.00	1.64
															.079	.2248	.1524	.079	.065
		4.0	1	266RL-22SA01F040E	★		★		★		★		★	☆	2.5	7.13	4.91	2.40	1.64
															.100	.2807	.1933	.094	.065
27	5/8	3.0	1	266RL-27SA01F030E	★		★		★		★		★	☆	3.4	9.49	6.64	3.10	1.72
															.135	.3736	.2614	.122	.068

D

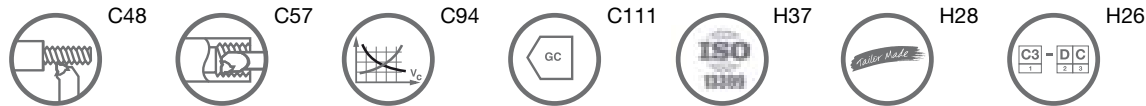
Internal left-hand threads

		TPI NT		Ordering code	P		M		K		N		S		H		Dimensions, mm, inch				
					1020	1135	1020	1135	1020	1135	1020	1135	1020	1135	1020	1135					
16	3/8	12.0	1	266LL-16SA01F120E		★		★		★		★		★		☆	CF	HA	HB	PDX	PDY
																	.033	.0945	.0626	.047	.052
		10.0	1	266LL-16SA01F100E		★		★		★		★		★		☆	0.9	2.88	1.80	1.50	1.52
																	.037	.1134	.0709	.059	.060
		8.0	1	266LL-16SA01F080E		★		★		★		★		★		☆	1.2	3.59	2.31	1.05	1.30
																	.049	.1413	.0909	.041	.051
22	1/2	6.0	1	266LL-22SA01F060E	★		★		★		★		★		☆		1.6	4.77	3.18	1.80	1.64
																	.065	.1878	.1252	.071	.065
		5.0	1	266LL-22SA01F050E	★		★		★		★		★		☆		2.0	5.71	3.87	2.00	1.64
																	.079	.2248	.1524	.079	.065
		4.0	1	266LL-22SA01F040E	★		★		★		★		★		☆		2.5	7.13	4.91	2.40	1.64
																	.100	.2807	.1933	.094	.065

G

R = Right hand, L = Left hand

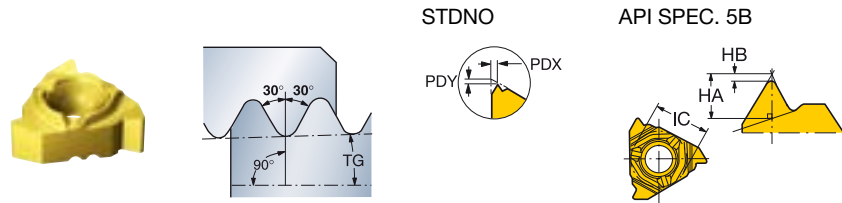
H



CoroThread® 266 insert for thread turning

API Round 60° Topping

B



C

External right-hand threads

					P	M	K	N	S	H	Dimensions, mm, inch						
	IC	TPI	NT	Ordering code	1020	1125	1020	1125	1020	1125	1020	1125	HA	HB	PDX	PDY	TG
16	3/8	10.0	1	266RG-16RD01A100E	★		★		★		★		1.76	0.36	1.30	1.35	0.03
												.0693	.0142	.051	.053		
	10.0	1	266RG-16RD01C100M	★		★		★		★		1.76	0.36	1.30	1.35	0.03	
											.0693	.0142	.051	.053			
	8.0	1	266RG-16RD01A080E	★		★		★		★		2.23	0.43	1.50	1.35	0.03	
											.0878	.0169	.059	.053			
22	1/2	10.0	1	266RG-22RD01A100E	☆	★	☆	★	☆	★	☆	★	1.76	0.36	2.00	1.67	0.03
												.0693	.0142	.079	.066		
	8.0	1	266RG-22RD01A080E	☆	★	☆	★	☆	★	☆	★	2.23	0.43	2.00	1.67	0.03	
											.0878	.0169	.079	.066			

D

Internal right-hand threads

		TPI	NT	Ordering code	P			M			K			N			S			H			Dimensions, mm, inch				
					1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135					
16	3/8	10.0	1	266RL-16RD01A100E		★			★			★			★			★			☆		HA	HB	PDX	PDY	TG
		10.0	1	266RL-16RD01C100M			★		★			★			★			★		☆		1.76	0.36	1.30	1.30	0.03	
		8.0	1	266RL-16RD01A080E		★			★			★			★			★		☆		.0693	.0142	.051	.051		
		8.0	1	266RL-16RD01C080M			★		★			★			★			★		☆		1.76	0.36	1.30	1.30	0.03	
																					.0693	.0142	.051	.051			
																					2.24	0.43	1.50	1.30	0.03		
																					.0882	.0169	.059	.051			
																					2.24	0.43	1.50	1.30	0.03		
																					.0882	.0169	.059	.051			
22	1/2	10.0	1	266RL-22RD01A100E	☆	★		☆	★		☆	★		☆	★		☆	★		☆	☆	1.76	0.36	2.00	1.64	0.03	
																					.0693	.0142	.079	.065			
		8.0	1	266RL-22RD01A080E	☆	★		☆	★		☆	★		☆	★		☆	★		☆	☆	2.24	0.43	2.00	1.64	0.03	
																					.0882	.0169	.079	.065			

R = Right hand

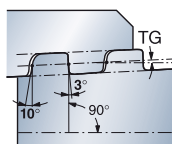
G

H



CoroThread® 266 insert for thread turning

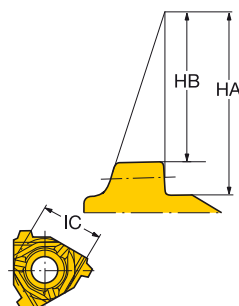
API Topping for casing and tubing



STDNO



API SPEC. 5B



External right-hand threads

				P	M	K	N	S	H	Dimensions, mm, inch						
				1020	1125	1020	1125	1020	1125	1020	1125	HA	HB	PDX	PDY	TG
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆	★	☆
				☆	★	☆	★	☆	★	☆	★	☆	★	☆		

Internal right-hand threads

												Dimensions, mm, inch						
				P	M	K	N	S	H									
				1020	1125	1020	1125	1020	1125	1020	1125	1020	1125					
				☆	★	☆	★	☆	★	☆	★	☆	★	HA	HB	PDX	PDY	TG
 ↔ IC ↔	22	1/2	5.0	1	266RL-22BU01A0501E	☆	★	☆	★	☆	★	☆	★	12.04	10.62	2.21	1.93	0.04
														.4740	.4181	.087	.076	
	5.0		1	266RL-22BU01A050E	☆	★	☆	★	☆	★	☆	★	☆	12.18	10.60	2.31	1.93	0.03
														.4795	.4173	.091	.076	

R = Right hand

B

C

D

E

F

G

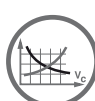
H



C48



C57



C94



C111



H37



H28



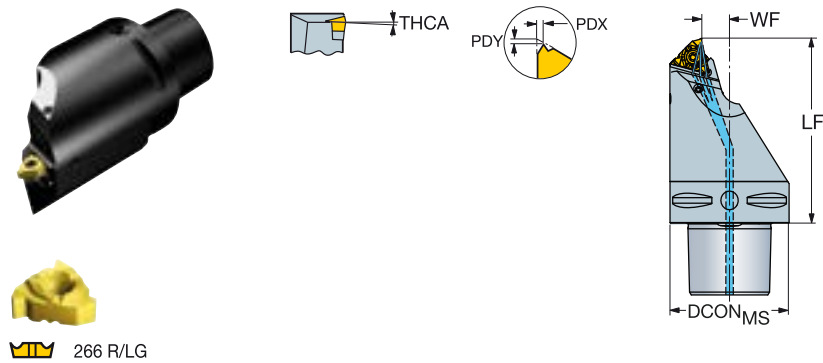
H26

CoroThread®

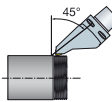
266 cutting unit for thread turning

Screw clamp design

Coromant Capto® - Precision coolant supply



External

					Dimensions, mm, inch								MIID
			CZC _{MS}	CNSC	Ordering code	DCON _{MS}	LF	WF	THCA				
	16	3/8	C6	3	C6-266RS18100-16HP	63	100.0	18.0	1°	80	3.5	2.00	266.RG-16..
						2.480	3.937	.709	1°	1160			
	22	1/2	C6	3	C6-266RS16100-22HP	63	100.0	16.0	1°	80	5.0	1.94	266.RG-22..
						2.480	3.937	.630	1°	1160			

For PDX/PDY values, see insert page.

For infeed recommendations, see page C100.

Angle of inclination (THCA) with different shims, see page C98.

Note:

In a multi-task machine the tool must lean 45 degrees otherwise the tool holder, B-axis, will interfere with the chuck.

R = Right hand

			Spare parts			
		CZC _{MS}	Screw	Shim	Shim screw	Nozzle
16	3/8	C6	5513 020-13	5322 389-11	5512 032-05	5691 026-13
22	1/2	C6	5513 020-26	5322 379-11	5512 032-04	5691 026-13

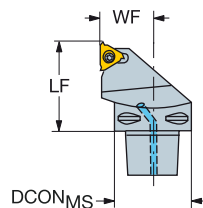
For the complete list of spare parts, visit www.sandvik.coromant.com



CoroThread® 266 cutting unit for thread turning

Screw clamp design

Coromant Capto® - Internal coolant supply



266 R/LG

External

			CZC _{MS}	CNSC	Ordering code	Dimensions, mm, inch							MID
	IC	IC				DCON _{MS}	LF	WF	THCA	BAR PSI	NM	KG	
	16	3/8	C3	3	C3-266R/LFG-22040-16	32	40.0	22.0	1°	10	3.0	0.23	266.LG-16..
			C4	3	C4-266R/LFG-27050-16	40	50.0	27.0	1°	10	3.0	0.46	266.LG-16..
			C5	3	C5-266R/LFG-35060-16	50	60.0	35.0	1°	10	3.0	0.77	266.LG-16..
			C6	3	C6-266R/LFG-45065-16	63	65.0	45.0	1°	10	3.0	1.29	266.LG-16..
			C8	3	C8-266R/LFG-55080-16	80	80.0	55.0	1°	10	3.0	2.51	266.LG-16..
	22	1/2	C3	3	C3-266RFG-22040-22	32	40.0	22.0	1°	10	5.0	0.23	266.RG-22..
			C4	3	C4-266R/LFG-27050-22	40	50.0	27.0	1°	10	5.0	0.42	266.LG-22..
			C5	3	C5-266R/LFG-35060-22	50	60.0	35.0	1°	10	5.0	0.77	266.LG-22..
			C6	3	C6-266R/LFG-45065-22	63	65.0	45.0	1°	10	5.0	1.31	266.LG-22..
			C8	3	C8-266R/LFG-55080-22	80	80.0	55.0	1°	10	5.0	2.54	266.LG-22..
	27	5/8	C6	3	C6-266R/LFG-45065-27	63	65.0	45.0	1°	10	7.5	1.31	266.LG-27..
						2.480	2.559	1.772	1°	145			

For PDX/PDY values, see insert page.

R = Right hand, L = Left hand

For infed recommendations, see page C100.

Angle of inclination (THCA) with different shims, see page C98.

Spare parts							
IC	IC	CZC _{MS}	Insert screw	Left hand shim	Right hand shim	Shim screw	Nozzle
16	3/8	C3-C4	5513 020-13	5322 390-11	5322 389-11	5512 032-05	5691 034-01
16	3/8	C5-C6	5513 020-13	5322 390-11	5322 389-11	5512 032-05	5691 034-02
16	3/8	C8	5513 020-13	5322 390-11	5322 389-11	5512 032-05	5691 034-03
22	1/2	C3	5513 020-26		5322 379-11	5512 032-04	5691 034-01
22	1/2	C4	5513 020-26	5322 380-11	5322 379-11	5512 032-04	5691 034-01
22	1/2	C5-C6	5513 020-26	5322 380-11	5322 379-11	5512 032-04	5691 034-02
22	1/2	C8	5513 020-26	5322 380-11	5322 379-11	5512 032-04	5691 034-03
27	5/8	C6	5513 020-66	5322 388-11	5322 387-11	5512 032-03	5691 034-02

For the complete list of spare parts, visit www.sandvik.coromant.com

C2



F2



E1



G1



H37



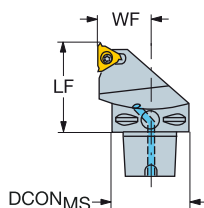
H27



H5

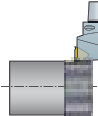
Screw clamp design

Coromant Capto® - Internal coolant supply



266 R/LG

External

					Ordering code	Dimensions, mm, inch							MID
			CZC _{MS}	CNSC		DCON _{MS}	LF	WF	THCA				
	16	3/8	C4	3	C4-266RFGZ27050-16	40	50.0	27.0	1°	10	3.0	0.42	266.RG-16..
			C5	3	C5-266RFGZ35060-16	50	60.0	35.0	1°	10	3.0	0.77	266.RG-16..
			C6	3	C6-266RFGZ45065-16	63	65.0	45.0	1°	10	3.0	1.30	266.RG-16..
						1.575	1.969	1.063	1°	145			
						1.969	2.362	1.378	1°	145			
						2.480	2.559	1.772	1°	145			
	22	1/2	C4	3	C4-266RFGZ27050-22	40	50.0	27.0	1°	10	5.0	0.42	266.RG-22..
			C5	3	C5-266RFGZ35060-22	50	60.0	35.0	1°	10	5.0	0.77	266.RG-22..
			C6	3	C6-266RFGZ45065-22	63	65.0	45.0	1°	10	5.0	1.32	266.RG-22..
						1.575	1.969	1.063	1°	145			
						1.969	2.362	1.378	1°	145			
						2.480	2.559	1.772	1°	145			

For PDX/PDY values, see insert page.

For infeed recommendations, see page C100.

Angle of inclination (THCA) with different shims, see page C98.

Z = For upside down mounting

R = Right hand

			Spare parts			
		CZC _{MS}	Insert screw	Right hand shim	Shim screw	Nozzle
16	3/8	C4	5513 020-13	5322 389-11	5512 032-05	5691 034-01
16	3/8	C5-C6	5513 020-13	5322 389-11	5512 032-05	5691 034-02
22	1/2	C4	5513 020-26	5322 379-11	5512 032-04	5691 034-01
22	1/2	C5-C6	5513 020-26	5322 379-11	5512 032-04	5691 034-02

For the complete list of spare parts, visit www.sandvik.coromant.com



C2



F2



E1



G1



H37



H27

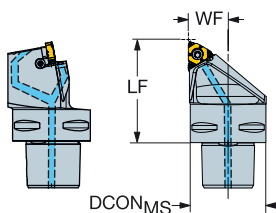


H5

CoroThread® 266 cutting unit for thread turning

Screw clamp design

Coromant Capto® - Internal coolant supply



266 R/LG

External

		Dimensions, mm, inch										MIID
		CZC _{MS}	CNSC	Ordering code	DCON _{MS}	LF	WF	THCA				
16	3/8	C3	3	C3-266-R/LFA17047-16C	32	47.0	17.0	1°	150	3.0	0.24	266.LG-16..
					1.260	1.850	.669	1°	2175			
		C4	3	C4-266-R/LFA21055-16C	40	55.0	21.0	1°	150	3.0	0.42	266.LG-16..
					1.575	2.165	.827	1°	2175			
		C5	3	C5-266-R/LFA26065-16C	50	65.0	26.0	1°	150	3.0	0.77	266.LG-16..
					1.969	2.559	1.024	1°	2175			
		C6	3	C6-266-R/LFA33075-16C	63	75.0	33.0	1°	150	3.0	1.34	266.LG-16..
					2.480	2.953	1.299	1°	2175			

External

		Dimensions, mm, inch										MIID
		CZC _{MS}	CNSC	Ordering code	DCON _{MS}	LF	WF	THCA				
16	3/8	C3	3	C3-266RFAZ17039-16	32	39.0	17.0	1°	10	3.0	0.21	266.RG-16..
					1.260	1.535	.669	1°	145			
		C4	3	C4-266RFAZ21055-16	40	55.0	21.0	1°	10	3.0	0.42	266.RG-16..
					1.575	2.165	.827	1°	145			
		C5	3	C5-266RFAZ26065-16	50	65.0	26.0	1°	10	3.0	0.76	266.RG-16..
					1.969	2.559	1.024	1°	145			
		C6	3	C6-266RFAZ33075-16	63	75.0	33.0	1°	10	3.0	1.34	266.RG-16..
					2.480	2.953	1.299	1°	145			

For PDX/PDY values, see insert page.

For infed recommendations, see page C100.

Angle of inclination (THCA) with different shims, see page C98.

Z = For upside down mounting

R = Right hand, L = Left hand

Spare parts

Insert screw	Left hand shim	Right hand shim	Shim screw	Nozzle	Plug	Coolant plug
5513 020-13	5322 392-11	5322 391-11	5512 032-05	5691 034-02	3214 013-02	5680 105-02

For the complete list of spare parts, visit www.sandvik.coromant.com

C2



F2



E1



G1



H37

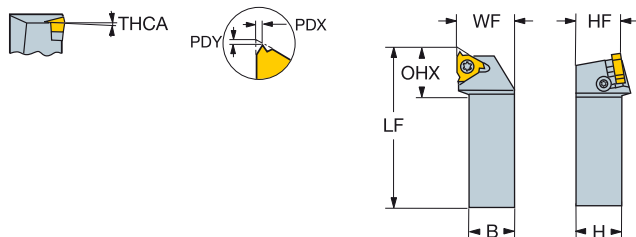


H27

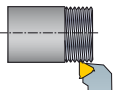


H5

Screw clamp design



C

		CZC _{MIS}	OHX	Ordering code	Dimensions, mm										MIID
					B	H	LF	WF	HF	THCA					
	16	16 x 16	21.4	266R/LFG-1616-16	16.0	16.0	100.0	20.0	16.0	1°	3.0	0.23	266.LG-16..		
		20 x 20	21.6	266R/LFG-2020-16	20.0	20.0	125.0	25.0	20.0	1°	3.0	0.42	266.LG-16..		
		25 x 25	22.2	266R/LFG-2525-16	25.0	25.0	150.0	32.0	25.0	1°	3.0	0.76	266.LG-16..		
		32 x 25	22.2	266R/LFG-3225-16	25.0	32.0	150.0	32.0	32.0	1°	3.0	1.08	266.LG-16..		
	22	25 x 25	33.3	266R/LFG-2525-22	25.0	25.0	150.0	32.0	25.0	1°	5.0	0.76	266.LG-22..		
		32 x 32	34.3	266R/LFG-3232-22	32.0	32.0	170.0	40.0	32.0	1°	5.0	1.37	266.LG-22..		
		40 x 40	29.7	266R/LFG-4040-22	40.0	40.0	250.0	50.0	40.0	1°	5.0	3.14	266.LG-22..		
	27	32 x 32	39.0	266R/LFG-3232-27	32.0	32.0	170.0	40.0	32.0	1°	7.5	1.40	266.LG-27..		
	40 x 40	34.6	266RFG-4040-27	40.0	40.0	250.0	50.0	40.0	1°	7.5	3.15	266.RG-27..			

D

				Ordering code	Dimensions, inch								MIID
		CZC _{MS}	OHX		B	H	LF	WF	HF	THCA			
	3/8	3/4 x 3/4	.870	266R/LFG-123B	.750	.750	4.500	1.000	.750	1°	2.2	0.756	266.LG-16..
		1 x 1	.870	266R/LFG-163D	1.000	1.000	6.000	1.250	1.000	1°	2.2	1.764	266.LG-16..
		1 1/4 x 1 1/4	.870	266R/LFG-203D	1.250	1.250	6.000	1.500	1.250	1°	2.2	2.635	266.LG-16..
	1/2	1 x 1	1.272	266R/LFG-164D	1.000	1.000	6.000	1.250	1.000	1°	3.7	1.764	266.LG-22..
		1 1/4 x 1 1/4	1.272	266R/LFG-204D	1.250	1.250	6.000	1.500	1.250	1°	3.7	2.646	266.LG-22..
		1 1/2 x 1 1/2	1.193	266RFG-244E	1.500	1.500	7.000	2.000	1.500	1°	3.7	4.365	266.RG-22..
	5/8	1 1/4 x 1 1/4	1.455	266R/LFG-205D	1.250	1.250	6.000	1.500	1.250	1°	5.5	2.646	266.LG-27..

For PDX/PDY values, see insert page. R = Right hand, L = Left hand
 For infeed recommendations, see page C100.
 Angle of inclination (THCA) with different shims, see page C98.

F

		Spare parts			
	CZC _{MS}	Screw	Left hand shim	Right hand shim	Shim screw
16	16 x 16-32 x 25	5513 020-13	5322 390-11	5322 389-11	5512 032-05
22	25 x 25-40 x 40	5513 020-26	5322 380-11	5322 379-11	5512 032-04
27	32 x 32	5513 020-66	5322 388-11	5322 387-11	5512 032-03
27	40 x 40	5513 020-66		5322 387-11	5512 032-03

G

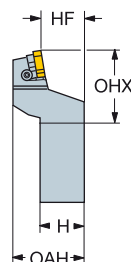
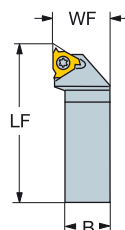
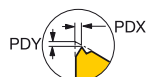
		Spare parts			
	CZC _{MS}	Screw	Left hand shim	Right hand shim	Shim screw
3/8	3/4 x 3/4-1 1/4 x 1 1/4	5513 020-13	5322 390-11	5322 389-11	5512 032-05
1/2	1 x 1-1 1/4 x 1 1/4	5513 020-26	5322 380-11	5322 379-11	5512 032-04
1/2	1 1/2 x 1 1/2	5513 020-26		5322 379-11	5512 032-04
5/8	1 1/4 x 1 1/4	5513 020-66	5322 388-11	5322 387-11	5512 032-03

For the complete list of spare parts, visit www.sandvik.coromant.com



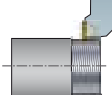
CoroThread® 266 shank tool for thread turning

Screw clamp design

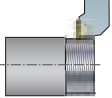


266 R/LG

Metric version

	Dimensions, mm														
			CZC _{MS}	OHX	Ordering code	B	H	LF	WF	HF	OAH	THCA	NM	KG	MID
	16	25 x 25	22.2	266R/LFGZ2525-16	25.0	25.0	150.0	32.0	25.0	44.0	1°	3.0	0.74	266.LG-16..	
		32 x 25	22.2	266RFGZ3225-16	25.0	32.0	170.0	32.0	32.0	48.0	1°	3.0	1.05	266.RG-16..	
	22	25 x 25	33.3	266R/LFGZ2525-22	25.0	25.0	150.0	32.0	25.0	46.0	1°	5.0	0.80	266.LG-22..	
	32 x 32	34.3	266RFGZ3232-22	32.0	32.0	170.0	40.0	32.0	52.0	1°	5.0	1.34	266.RG-22..		

Inch version

				Dimensions, inch										
		CZC _{MS}	OHX	Ordering code	B	H	LF	WF	HF	OAH	THCA	FT/LBS	LBS	MID
	3/8	1 x 1	.870	266R/LFGZ163D	1.000	1.000	6.000	1.250	1.000	1.629	1°	2.2	1.764	266.LG-16..

For PDX/PDY values, see insert page.

For infed recommendations, see page C100.

Angle of inclination (THCA) with different shims, see page C98.

Z = For upside down mounting

R = Right hand, L = Left hand

Metric version

		Spare parts			
	CZC _{MS}	Screw	Left hand shim	Right hand shim	Shim screw
	16	25 x 25	5513 020-13	5322 390-11	5512 032-05
	16	32 x 25	5513 020-13	5322 389-11	5512 032-05
	22	25 x 25	5513 020-26	5322 380-11	5512 032-04
	22	32 x 32	5513 020-26	5322 379-11	5512 032-04

Inch version

		Spare parts			
	CZC _{MS}	Screw	Left hand shim	Right hand shim	Shim screw
	3/8	1 x 1	5513 020-13	5322 390-11	5512 032-05

For the complete list of spare parts, visit www.sandvik.coromant.com



C2



F2



E1



H37

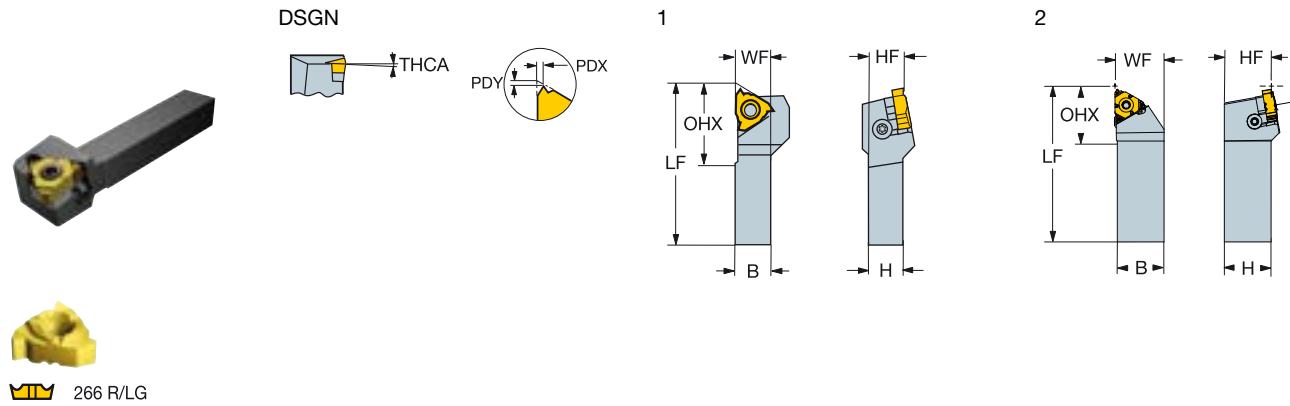


H27

CoroThread® 266 shank tool for thread turning

Screw clamp design

B



C

Metric version

					Ordering code	Dimensions, mm						NM	KG	MID
						B	H	LF	WF	HF	THCA			
		CZC _{MS}	OHX	DSGN	266R/LFA-1616-16-S	16.0	16.0	125.0	16.0	16.0	1°	3.0	0.28	266.LG-16..
		12 x 12	23.4	2	266R/LFA-1212-16	12.0	12.0	80.0	12.5	12.0	1°	3.0	0.13	266.LG-16..
		16 x 16	21.4	2	266R/LFA-1616-16	16.0	16.0	100.0	16.5	16.0	1°	3.0	0.21	266.LG-16..
		20 x 20	21.6	2	266R/LFA-2020-16	20.0	20.0	125.0	20.5	20.0	1°	3.0	0.40	266.LG-16..
		25 x 25	22.2	2	266R/LFA-2525-16	25.0	25.0	150.0	25.5	25.0	1°	3.0	0.73	266.LG-16..

D

Inch version

					Ordering code	Dimensions, inch						FT/ LBS	LBS	MID
						B	H	LF	WF	HF	THCA			
		CZC _{MS}	OHX	DSGN	266RFA-123-S	.750	.750	5.000	.750	.750	1°	2.2	0.683	266.RG-16..
		3/4 x 3/4	.841	1	266RFA-083	.500	.500	3.500	.520	.500	1°	1.6	0.317	266.RG-16..
		1/2 x 1/2	.921	2	266RFA-103	.625	.625	4.000	.645	.625	1°	1.6	0.472	266.RG-16..
		5/8 x 5/8	.921	2	266R/LFA-123B	.750	.750	4.500	.770	.750	1°	1.6	0.719	266.LG-16..
		3/4 x 3/4	.921	2	266R/LFA-163D	1.000	1.000	6.000	1.020	1.000	1°	1.6	1.411	266.LG-16..
		1 x 1	.921	2	266RFA-203D	1.250	1.250	6.000	1.289	1.250	1°	1.6	2.513	266.RG-16..

For threading near a tail stock R = Right hand, L = Left hand

For PDX/PDY values, see insert page.

For infeed recommendations, see page C100.

Angle of inclination (THCA) with different shims, see page C98.

F

Metric version

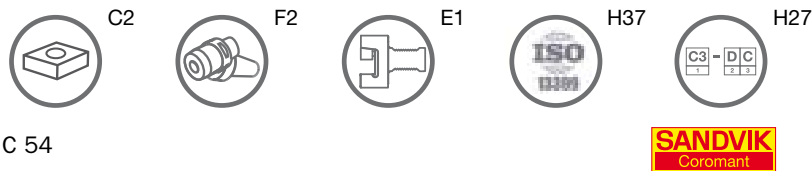
Spare parts					
	CZC _{MS}	Screw	Left hand shim	Right hand shim	Shim screw
16	12 x 12	5513 020-13	5322 392-11	5322 391-11	5512 032-05
16	16 x 16	5513 020-13	5322 390-11	5322 389-11	5512 032-05
16	20 x 20-25 x 25	5513 020-13	5322 392-11	5322 391-11	5512 032-05

Inch version

Spare parts					
	CZC _{MS}	Screw	Left hand shim	Right hand shim	Shim screw
3/8	1/2 x 1/2-5/8 x 5/8	5513 020-13	5322 392-11	5322 391-11	5512 032-05
3/8	3/4 x 3/4-1 x 1	5513 020-13	5322 392-11	5322 391-11	5512 032-05
3/8	1 1/4 x 1 1/4	5513 020-13	5322 392-11	5322 391-11	5512 032-05

For the complete list of spare parts, visit www.sandvik.coromant.com

H



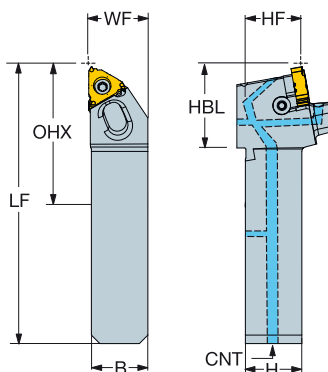
CoroThread® 266 QS shank tool for thread turning

Screw clamp design

Precision coolant supply



266 R/LG



Metric version

		Dimensions, mm														MIID
													BAR	NM	KG	
CZC _{MS}	OHX	CNCS	Ordering code	B	H	HBL	LF	WF	HF	THCA	CNT					
16	20 x 20	50.0	3	QS-266-R/LFA2020-16C	20.0	20.0	30.0	99.0	20.9	20.0	1°	G1/8'	150	3.0	0.27	266.LG-16..
	25 x 25	55.0	3	QS-266-R/LFA2525-16C	25.0	25.0	30.0	114.0	25.9	25.0	1°	G1/8'	150	3.0	0.48	266.LG-16..
22	25 x 25	60.0	3	QS-266-R/LFA2525-22C	25.0	25.0	35.0	119.0	25.9	25.0	1°	G1/8'	150	5.0	0.51	266.LG-22..

Inch version

		Dimensions, inch														MIID
													PSI	FT/LBS	LBS	
CZC _{MS}	OHX	CNCS	Ordering code	B	H	HBL	LF	WF	HF	THCA	CNT					
3/8	3/4 x 3/4	1.931	3	QS-266-R/LFA123C	.750	.750	1.181	3.898	.783	.750	1°	G1/8'	2175	2.2	0.543	266.LG-16..
	1 x 1	2.181	3	QS-266-R/LFA163C	1.000	1.000	1.181	4.488	1.033	1.000	1°	G1/8'	2175	2.2	1.082	266.LG-16..
1/2	1 x 1	2.378	3	QS-266-R/LFA164C	1.000	1.000	1.378	4.685	1.033	1.000	1°	G1/8'	2175	3.7	1.153	266.LG-22..

Angle of inclination (THCA) with different shims, see page C98.

R = Right hand, L = Left hand

Spare parts										
		Insert screw	Right hand shim	Left hand shim	Shim screw	Nozzle	Plug	Coolant plug	Plug	Plug
16	3/8	5513 020-13	5322 391-11	5322 392-11	5512 032-05	5691 026-13	3214 013-02	3214 013-03	3214 013-01	3214 012-01
22	1/2	5513 020-26	5322 393-11	5322 394-11	5512 032-04	5691 026-13	3214 013-02	3214 013-03	3214 013-01	3214 012-01

For the complete list of spare parts, visit www.sandvik.coromant.com

F2



H37



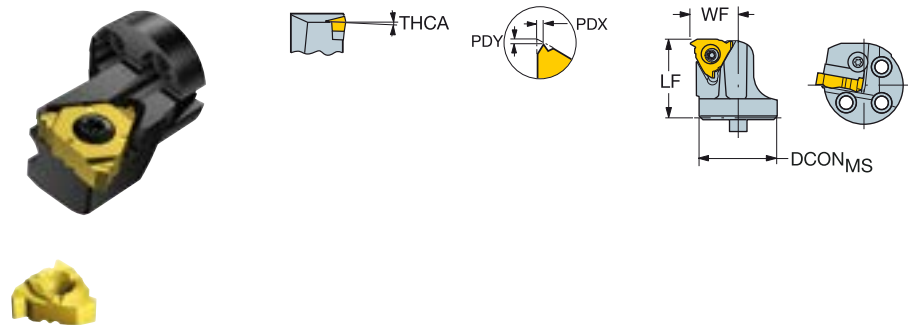
H5

CoroThread® 266 head for thread turning

Screw clamp design

CoroTurn® SL - Internal coolant supply

B



C

266 R/LG

			Dimensions, mm, inch										MID
			CZC _{MS}	CNSC	Ordering code	DCON _{MS}	LF	WF	THCA				
	16	3/8	20	0	SL-266R/LFG-202514-16	20	25.0	14.0	1°		3.0	0.06	266.RG-16..
						.787	.984	.551	1°				
			25	1	SL-266R/LFG-252517-16	25	25.0	17.0	1°	10	3.0	0.08	266.RG-16..
						.984	.984	.669	1°	145			
			32	1	SL-266R/LFG-323222-16	32	32.0	22.0	1°	10	3.0	0.14	266.RG-16..
						1.260	1.260	.866	1°	145			
			40	1	SL-266R/LFG-403227-16	40	32.0	27.0	1°	10	3.0	0.21	266.RG-16..
						1.575	1.260	1.063	1°	145			

When using an external CoroThread 266 SL cutting head the right hand head uses a left hand external insert and left hand head uses a right hand external insert.

R = Right hand, L = Left hand

For PDX/PDY values, see insert page.

For infed recommendations, see page C100.

Angle of inclination (THCA) with different shims, see page C98.

E

			Spare parts		
		CZC _{MS}	Insert screw	Shim	Shim screw
16	3/8	20	5513 020-02		
16	3/8	25-40	5513 020-13	5322 390-11	5512 032-05

For the complete list of spare parts, visit www.sandvik.coromant.com

F

G

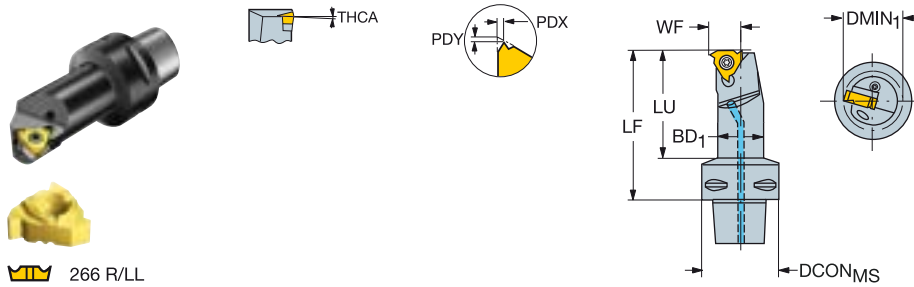
H



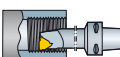
CoroThread® 266 cutting unit for thread turning

Screw clamp design

Coromant Capto® - Internal coolant supply



266 R/LL

								Dimensions, mm, inch							
			CZC _{MS}	DMIN ₁	LU	CNSC	Ordering code	DCON _{MS}	LF	WF	THCA				MIID
	16	3/8	C3	25.0	44.0	3	C3-266R/LKF-14060-16	32	60.0	14.0	1°	10	3.0	0.24	266.LL-16..
				.984	1.732			1.260	2.362	.551	1°	145			
			C4	20.0	37.0	3	C4-266R/LKF-12060-16	40	60.0	12.0	2°	10	3.0	0.35	266.LL-16..
				.787	1.457			1.575	2.362	.472	2°	145			
			C4	25.0	38.0	3	C4-266R/LKF-14060-16	40	60.0	14.0	1°	10	3.0	0.38	266.LL-16..
				.984	1.496			1.575	2.362	.551	1°	145			
			C4	32.0	48.0	3	C4-266R/LKF-17070-16	40	70.0	17.0	1°	10	3.0	0.45	266.LL-16..
				1.260	1.890			1.575	2.756	.669	1°	145			
			C4	40.0	69.0	3	C4-266RKF-22090-16	40	90.0	22.0	1°	10	3.0	0.67	266.RL-16..
				1.575	2.717			1.575	3.543	.866	1°	145			
			C5	25.0	36.0	3	C5-266R/LKF-14060-16	50	60.0	14.0	1°	10	3.0	0.57	266.LL-16..
				.984	1.417			1.969	2.362	.551	1°	145			
			C5	32.0	47.0	3	C5-266R/LKF-17070-16	50	70.0	17.0	1°	10	3.0	0.64	266.LL-16..
				1.260	1.850			1.969	2.756	.669	1°	145			
			C5	40.0	68.0	3	C5-266R/LKF-22090-16	50	90.0	22.0	1°	10	3.0	0.86	266.LL-16..
				1.575	2.677			1.969	3.543	.866	1°	145			
			C5	50.0	84.0	3	C5-266R/LKF-27105-16	50	105.0	27.0	1°	10	3.0	1.21	266.LL-16..
				1.969	3.307			1.969	4.134	1.063	1°	145			
			C5	20.0	35.0	3	C5-266RKF-12060-16	50	60.0	12.0	2°	10	3.0	0.54	266.RL-16..
				.787	1.378			1.969	2.362	.472	2°	145			
			C6	25.0	42.0	3	C6-266R/LKF-14070-16	63	70.0	14.0	1°	10	3.0	0.96	266.LL-16..
				.984	1.654			2.480	2.756	.551	1°	145			
			C6	32.0	48.0	3	C6-266R/LKF-17075-16	63	75.0	17.0	1°	10	3.0	1.02	266.LL-16..
				1.260	1.890			2.480	2.953	.669	1°	145			
			C6	40.0	64.0	3	C6-266R/LKF-22090-16	63	90.0	22.0	1°	10	3.0	1.24	266.LL-16..
				1.575	2.520			2.480	3.543	.866	1°	145			
			C6	50.0	80.0	3	C6-266R/LKF-27105-16	63	105.0	27.0	1°	10	3.0	1.56	266.LL-16..
				1.969	3.150			2.480	4.134	1.063	1°	145			

For PDX/PDY values, see insert page.

For infeed recommendations, see page C100.

Angle of inclination (THCA) with different shims, see page C98.

R = Right hand, L = Left hand



A

THREAD TURNING

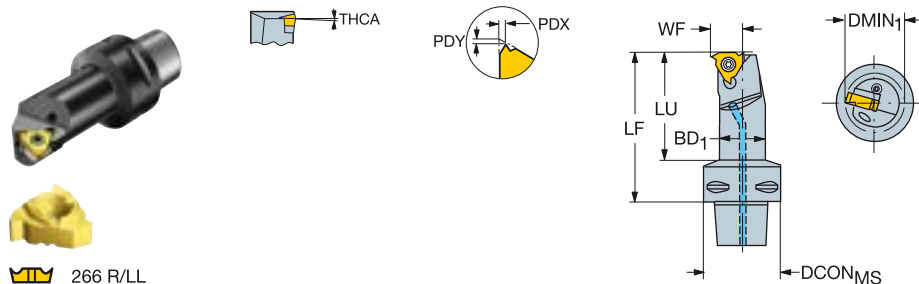
Internal tools

CoroThread® 266 cutting unit for thread turning

Screw clamp design

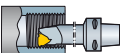
Coromant Capto® - Internal coolant supply

B



266 R/LL

C

			CZC _{MS}	DMIN ₁	LU	CNSC	Ordering code	Dimensions, mm, inch							MIID
	22	1/2						DCON _{MS}	LF	WF	THCA				
			C4	25.0	42.0	3	C4-266RKF-15065-22	40	65.0	15.0	2°	10	5.0	0.37	266.RL-22..
				.984	1.654			1.575	2.559	.591	2°	145			
			C4	32.0	48.0	3	C4-266RKF-19070-22	40	70.0	19.0	1°	10	5.0	0.44	266.RL-22..
				1.260	1.890			1.575	2.756	.748	1°	145			
			C4	40.0	69.0	3	C4-266RKF-22090-22	40	90.0	22.0	1°	10	5.0	0.65	266.RL-22..
				1.575	2.717			1.575	3.543	.866	1°	145			
			C4	50.0	60.0	3	C4-266RKF-27080-22	40	80.0	27.0	1°	10	5.0	0.75	266.RL-22..
				1.969	2.362			1.575	3.150	1.063	1°	145			
			C5	50.0	84.0	3	C5-266R/LKF-27105-22	50	105.0	26.9	1°	10	5.0	1.19	266.LL-22..
				1.969	3.307			1.969	4.134	1.059	1°	145			
			C5	25.0	41.0	3	C5-266RKF-15065-22	50	65.0	15.0	2°	10	5.0	0.57	266.RL-22..
				.984	1.614			1.969	2.559	.591	2°	145			
			C5	32.0	47.0	3	C5-266RKF-19070-22	50	70.0	19.0	1°	10	5.0	0.63	266.RL-22..
				1.260	1.850			1.969	2.756	.748	1°	145			
			C5	40.0	68.0	3	C5-266RKF-22090-22	50	90.0	22.0	1°	10	5.0	0.84	266.RL-22..
				1.575	2.677			1.969	3.543	.866	1°	145			
			C6	50.0	80.0	3	C6-266R/LKF-27105-22	63	105.0	26.9	1°	10	5.0	1.53	266.LL-22..
				1.969	3.150			2.480	4.134	1.059	1°	145			
			C6	32.0	48.0	3	C6-266RKF-19075-22	63	75.0	19.0	1°	10	5.0	1.01	266.RL-22..
				1.260	1.890			2.480	2.953	.748	1°	145			
			C6	40.0	64.0	3	C6-266RKF-22090-22	63	90.0	22.0	1°	10	5.0	1.21	266.RL-22..
				1.575	2.520			2.480	3.543	.866	1°	145			

For PDX/PDY values, see insert page.

For infed recommendations, see page C100.

Angle of inclination (THCA) with different shims, see page C98.

R = Right hand, L = Left hand

F

Spare parts					
Ordering code	Insert screw	Left hand shim	Right hand shim	Shim screw	Nozzle
C3-266R/LKF-14060-16	5513 020-13	5322 389-11	5322 390-11	5512 032-05	5691 034-01
C4-266R/LKF-12060-16	5513 020-02				5691 034-01
C4-266R/LKF-14060-16	5513 020-13	5322 389-11	5322 390-11	5512 032-05	5691 034-01
C4-266R/LKF-17070-16	5513 020-13	5322 389-11	5322 390-11	5512 032-05	5691 034-01
C4-266RKF-22090-16	5513 020-13		5322 390-11	5512 032-05	5691 034-01
C5-266R/LKF-14060-16	5513 020-13	5322 389-11	5322 390-11	5512 032-05	5691 034-02
C5-266R/LKF-17070-16	5513 020-13	5322 389-11	5322 390-11	5512 032-05	5691 034-02
C5-266R/LKF-22090-16	5513 020-13	5322 389-11	5322 390-11	5512 032-05	5691 034-02
C5-266R/LKF-27105-16	5513 020-13	5322 389-11	5322 390-11	5512 032-05	5691 034-02
C5-266R/LKF-12060-16	5513 020-02				5691 034-02
C6-266R/LKF-14070-16	5513 020-13	5322 389-11	5322 390-11	5512 032-05	5691 034-02
C6-266R/LKF-17075-16	5513 020-13	5322 389-11	5322 390-11	5512 032-05	5691 034-02
C6-266R/LKF-22090-16	5513 020-13	5322 389-11	5322 390-11	5512 032-05	5691 034-02
C6-266R/LKF-27105-16	5513 020-13	5322 389-11	5322 390-11	5512 032-05	5691 034-02
C4-266R/LKF-15065-22	5513 020-07				5691 034-01
C4-266RKF-19070-22	5513 020-26		5322 380-11	5512 032-04	5691 034-01
C4-266RKF-22090-22	5513 020-26		5322 380-11	5512 032-04	5691 034-01
C4-266RKF-27080-22	5513 020-26		5322 380-11	5512 032-04	5691 034-01
C5-266R/LKF-27105-22	5513 020-26	5322 379-11	5322 380-11	5512 032-04	5691 034-02
C5-266R/LKF-15065-22	5513 020-07				5691 034-02
C5-266RKF-19070-22	5513 020-26		5322 380-11	5512 032-04	5691 034-02
C5-266RKF-22090-22	5513 020-26		5322 380-11	5512 032-04	5691 034-02
C6-266R/LKF-27105-22	5513 020-26	5322 379-11	5322 380-11	5512 032-04	5691 034-02
C6-266RKF-19075-22	5513 020-26		5322 380-11	5512 032-04	5691 034-02
C6-266RKF-22090-22	5513 020-26		5322 380-11	5512 032-04	5691 034-02

For the complete list of spare parts, visit www.sandvik.coromant.com

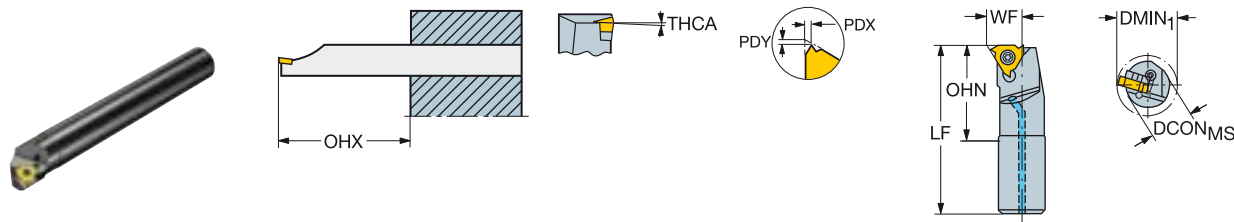
H



CoroThread® 266 boring bar for thread turning

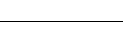
Screw clamp design

Cylindrical with groove for EasyFix sleeve - Internal coolant supply



266 R/LL

Metric version

								Ordering code	Dimensions, mm										MID
		CZC _{MS}	DMIN ₁	LU	OHX	OHN	CNSC		DCON _{MS}	BD	LF	WF	THCA						
	16	16	20.0	48.0	48.0	27.0	1	266R/LKF-16-16-R	16.0	16.0	125.0	12.0	2°	10	3.0	0.20	266.LL-16..		
	20	25.0	60.0	60.0	28.7	1	266R/LKF-20-16-R	20.0	20.0	140.0	14.0	1°	10	3.0	0.34	266.LL-16..			
	25	32.0	75.0	75.0	28.8	1	266R/LKF-25-16-R	25.0	25.0	180.0	17.0	1°	10	3.0	0.65	266.LL-16..			
	22	20	25.0	60.0	60.0	34.2	1	266R/LKF-20-22-R	20.0	20.0	140.0	15.0	2°	10	5.0	0.32	266.LL-22..		
	25	32.0	75.0	75.0	34.6	1	266R/LKF-25-22-R	25.0	25.0	180.0	19.0	1°	10	5.0	0.65	266.LL-22..			
	16	16	20.0	96.0	96.0	33.2	1	266R/LKF-16-16-RE	16.0	16.0	200.0	12.0	2°	10	3.0	0.53	266.LL-16..		

Inch version

								Ordering code	Dimensions, inch							MIID
		CZC _{MS}	DMIN ₁	LU	OHX	OHN	CNSC		DCON _{MS}	LF	WF	THCA				
	3/8	5/8	.790	1.875	1.875	1.050	1	266R/LKF-D10-3-R	.625	8.000	.472	2°	145	2.2	0.688	266.LL-16..
		3/4	.980	2.250	2.250	1.140	1	266R/LKF-D12-3-R	.750	10.000	.551	1°	145	2.2	1.206	266.LL-16..
		1	1.260	3.000	3.000	1.140	1	266R/LKF-D16-3-R	1.000	12.000	.669	1°	145	2.2	2.434	266.LL-16..
	1/2	3/4	.984	1.875	2.250	1.346	1	266R/LKF-D12-4-R	.750	10.000	.591	2°	145	3.7	1.155	266.LL-22..
		1	1.260	3.000	3.000	1.341	1	266R/LKF-D16-4-R	1.000	12.000	.669	1°	145	3.7	2.381	266.LL-22..
	3/8	5/8	.787	3.750	3.750	1.060	1	266R/LKF-D10-3-RE	.625	8.000	.472	2°	145	2.2	1.102	266.LL-16..
		3/4	.980	4.500	4.500	1.140	1	266RKF-D12-3-RE	.750	10.000	.551	1°	145	2.2	1.753	266.RL-16..

E= Carbide-reinforced boring bar

R = Right hand

Round boring bars can be used with inch or metric outside diameter EasyFix sleeves for secure and accurate clamping

For PDX/PDY values, see insert page.

For infed recommendations, see page C100.

Angle of inclination (THCA) with different shims, see page C98.

Metric version

Spare parts					
	CZC _{MS}	Screw	Left hand shim	Right hand shim	Shim screw
16	16	5513 020-02			
16	20-25	5513 020-13	5322 389-11	5322 390-11	5512 032-05
22	20	5513 020-07			
22	25	5513 020-26	5322 379-11	5322 380-11	5512 032-04

Inch version

Spare parts					
	CZC _{MS}	Screw	Left hand shim	Right hand shim	Shim screw
3/8	5/8	5513 020-02			
3/8	3/4-1	5513 020-13	5322 389-11	5322 390-11	5512 032-05
1/2	3/4	5513 020-07	5322 379-11		
1/2	1	5513 020-26	5322 379-11	5322 380-11	5512 032-04

For the complete list of spare parts, visit www.sandvik.coromant.com

C2



F2



G1



H37



H27

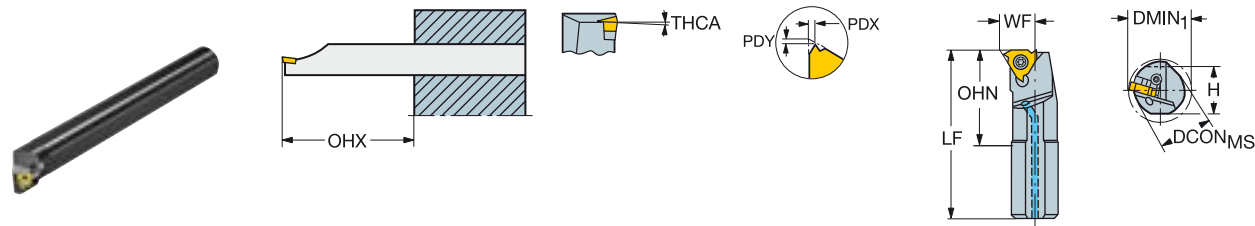


H5

CoroThread® 266 boring bar for thread turning

Screw clamp design

Cylindrical with flats - Internal coolant supply



Metric version

								Dimensions, mm													
		CZC _{MS}	DMIN ₁	LU	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	BD	LF	WF	THCA				MID			
	16	16	20.0	48.0	48.0	27.0	1	266R/LKF-16-16	16.0	15.0	16.0	200.0	12.0	2°	10	3.0	0.30	266.LL-16..			
	20	25.0	60.0	60.0	60.0	29.0	1	266R/LKF-20-16	20.0	18.0	20.0	250.0	14.0	1°	10	3.0	0.60	266.LL-16..			
	25	32.0	75.0	75.0	75.0	29.0	1	266R/LKF-25-16	25.0	23.0	25.0	300.0	17.0	1°	10	3.0	0.97	266.LL-16..			
	32	40.0	96.0	96.0	96.0	30.9	1	266R/LKF-32-16	32.0	30.0	32.0	250.0	22.0	1°	10	3.0	1.43	266.LL-16..			
	40	50.0	120.0	120.0	120.0	31.5	1	266R/LKF-40-16	40.0	37.0		300.0	27.0	1°	10	3.0	2.59	266.LL-16..			
	50	63.0	150.0	150.0	150.0	40.2	1	266R/LKF-50-16	50.0	49.0	50.0	350.0	35.0	1°	10	3.0	5.05	266.LL-16..			
	22	20	25.0	60.0	60.0	60.0	35.0	1	266R/LKF-20-22	20.0	18.0	20.0	250.0	15.0	2°	10	5.0	0.54	266.LL-22..		
	25	32.0	75.0	75.0	75.0	34.6	1	266R/LKF-25-22	25.0	23.0	25.0	300.0	19.0	1°	10	5.0	0.96	266.LL-22..			
	32	40.0	96.0	96.0	96.0	37.7	1	266R/LKF-32-22	32.0	30.0	32.0	250.0	21.9	1°	10	5.0	1.43	266.LL-22..			
	40	50.0	120.0	120.0	120.0	38.2	1	266R/LKF-40-22	40.0	37.0	40.0	300.0	26.9	1°	10	5.0	2.59	266.LL-22..			
	50	63.0	150.0	150.0	150.0	45.7	1	266R/LKF-50-22	50.0	47.0	50.0	350.0	34.9	1°	10	5.0	5.26	266.LL-22..			
	27	40	50.0	120.0	120.0	120.0	47.2	1	266R/LKF-40-27	40.0	37.0	40.0	300.0	26.9	1°	10	7.5	2.55	266.LL-27..		

For PDX/PDY values, see insert page.

For infeed recommendations, see page C100.

Angle of inclination (THCA) with different shims, see page C98.

R = Right hand, L = Left hand

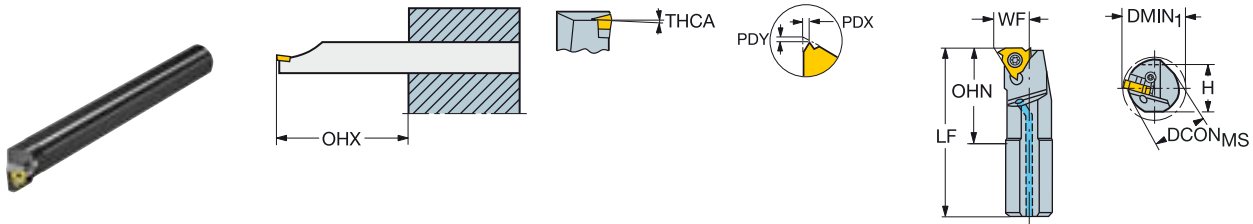
Spare parts					
		Screw	Left hand shim	Right hand shim	Shim screw
16	16	5513 020-02			
16	20-50	5513 020-13	5322 389-11	5322 390-11	5512 032-05
22	20	5513 020-07			
22	25-50	5513 020-26	5322 379-11	5322 380-11	5512 032-04
27	40	5513 020-66	5322 387-11	5322 388-11	5512 032-03

For the complete list of spare parts, visit www.sandvik.coromant.com

CoroThread® 266 boring bar for thread turning

Screw clamp design

Cylindrical with flats - Internal coolant supply



266 R/LL

Inch version

								Dimensions, inch											
		CZC _{MS}	DMIN ₁	LU	OHX	OHN	CNSC	Ordering code	DCON _{MS}	H	LF	WF	THCA	PSI	FT/LBS	LBS	MID		
	3/8	5/8	.790	1.875	1.875	1.050	1	266R/LKF-D10-3	.625	.563	8.000	.472	2°	145	2.2	0.655	266.LL-16..		
		3/4	.980	2.250	2.250	1.140	1	266R/LKF-D12-3	.750	.709	10.000	.551	1°	145	2.2	1.160	266.LL-16..		
		1	1.260	3.000	3.000	1.140	1	266R/LKF-D16-3	1.000	.910	12.000	.669	1°	145	2.2	2.271	266.LL-16..		
		1 1/4	1.580	3.750	3.750	1.220	1	266R/LKF-D20-3	1.250	1.181	14.000	.866	1°	145	2.2	4.546	266.LL-16..		
		1 1/2	1.970	4.500	4.500	1.260	1	266R/LKF-D24-3	1.500	1.378	15.000	1.063	1°	145	2.2	6.669	266.LL-16..		
		2	2.480	6.000	6.000	1.580	1	266R/LKF-D32-3	2.000	1.874	16.000	1.378	1°	145	2.2	13.250	266.LL-16..		
	1/2	1 1/4	1.580	3.750	3.750	1.742	1	266R/LKF-D20-4	1.250	1.181	14.000	.866	1°	145	3.7	4.548	266.LL-22..		
		1 1/2	1.970	4.500	4.500	2.012	1	266R/LKF-D24-4	1.500	1.378	15.000	1.063	1°	145	3.7	6.592	266.LL-22..		
		2	2.480	6.000	6.000	2.059	1	266R/LKF-D32-4	2.000	1.874	16.000	1.378	1°	145	3.7	13.102	266.LL-22..		

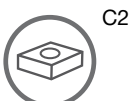
For PDX/PDY values, see insert page.

For infed recommendations, see page C100.

Angle of inclination (THCA) with different shims, see page C98.

R = Right hand, L = Left hand

Spare parts					
	CZC _{MS}	Screw	Left hand shim	Right hand shim	Shim screw
3/8	5/8	5513 020-02			
3/8	3/4-2	5513 020-13	5322 389-11	5322 390-11	5512 032-05
1/2	1 1/4-2	5513 020-26	5322 379-11	5322 380-11	5512 032-04

For the complete list of spare parts, visit www.sandvik.coromant.com

C2



F2



G1



H37



H27

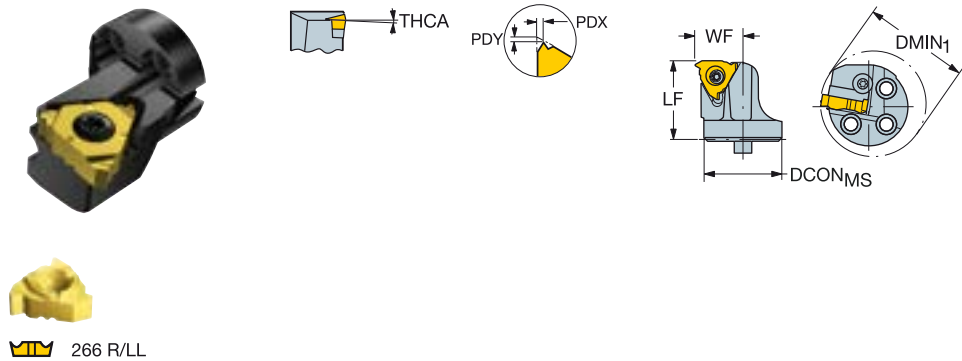


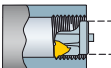
H5

CoroThread® 266 head for thread turning

Screw clamp design

CoroTurn® SL - Internal coolant supply



							Dimensions, mm, inch									
			CZC _{MS}	DMIN ₁	CNSC	Ordering code	DCON _{MS}	LF	WF	THCA				MID		
	16	3/8	20	25.0	1	SL-266R/LKF-202514-16	20	25.0	14.0	2°	10	3.0	0.06	266.LL-16..		
				.984			.787	.984	.551	2°	145					
			25	32.0	1	SL-266R/LKF-252517-16	25	25.0	17.0	1°	10	3.0	0.08	266.LL-16..		
				1.260			.984	.984	.669	1°	145					
			32	40.0	1	SL-266R/LKF-323222-16	32	32.0	22.0	1°	10	3.0	0.10	266.LL-16..		
				1.575			1.260	1.260	.866	1°	145					
			40	50.0	1	SL-266R/LKF-403227-16	40	32.0	27.0	1°	10	3.0	0.22	266.LL-16..		
				1.969			1.575	1.260	1.063	1°	145					
			22	1/2	25	32.0	1	SL-266R/LKF-252819-22	25	28.0	19.0	2°	10	5.0	0.09	266.LL-22..
				1.260			.984	1.102	.748	2°	145					
			32	40.0	1	SL-266R/LKF-323222-22	32	32.0	21.9	1°	10	5.0	0.13	266.LL-22..		
			1.575			1.260	1.260	.862	1°	145						
			40	50.0	1	SL-266R/LKF-403227-22	40	32.0	26.9	1°	10	5.0	0.20	266.LL-22..		
			1.969			1.575	1.260	1.059	1°	145						
			27	5/8	40	50.0	1	SL-266R/LKF-403627-27	40	36.0	26.9	1°	10	7.5	0.23	266.LL-27..
				1.969			1.575	1.417	1.059	1°	145					

For PDX/PDY values, see insert page.R = Right hand, L = Left hand
 For infeed recommendations, see page C100.
 Angle of inclination (THCA) with different shims, see page C98.

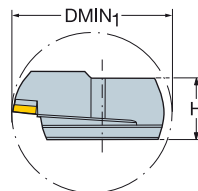
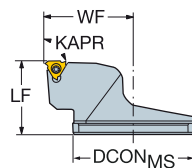
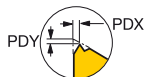
			Spare parts			
		CZC _{MS}	Screw	Left hand shim	Right hand shim	Shim screw
16	3/8	20	5513 020-02			
16	3/8	25-40	5513 020-13	5322 389-11	5322 390-11	5512 032-05
22	1/2	25	5513 020-07			
22	1/2	32-40	5513 020-26	5322 379-11	5322 380-11	5512 032-04
27	5/8	40	5513 020-66	5322 387-11	5322 388-11	5512 032-03

For the complete list of spare parts, visit www.sandvik.coromant.com

CoroThread® 266 head for thread turning

Screw clamp design

CoroTurn® SL quick change

 266 R/LL

						Dimensions, mm, inch								
			CZC _{MS}	DMIN _i	Ordering code	DCON _{MS}	H	LF	WF	THCA			MIID	
	16	3/8	80	100.0	SL-266RKF-80-16-QC	80	37.5	45.0	58.5	1°	3.0	0.58	266.RL-16..	
				3.937		3.150	1.476	1.772	2.303	1°				
	22	1/2	80	100.0	SL-266RKF-80-22-QC	80	37.5	45.0	58.5	1°	5.0	0.56	266.RL-22..	
				3.937		3.150	1.476	1.772	2.303	1°				
	27	5/8	80	100.0	SL-266RKF-80-27-QC	80	37.5	45.0	58.5	1°	7.5	0.55	266.RL-27..	
				3.937		3.150	1.476	1.772	2.303	1°				

For PDX/PDY values, see insert page.

R = Right hand

For infeed recommendations, see page C100.

Angle of inclination (THCA) with different shims, see page C98.

			Spare parts		
		CZC _{MS}	Screw	Right hand shim	Shim screw
16	3/8	80	5513 020-13	5322 390-11	5512 032-05
22	1/2	80	5513 020-26	5322 380-11	5512 032-04
27	5/8	80	5513 020-66	5322 388-11	5512 032-03

For the complete list of spare parts, visit www.sandvik.coromant.com



C2



F2



H37



H27



H2

T-Max®

U-Lock

Internal threading

Application

- Internal threading

ISO application area:



Benefits and features

- Indexable inserts
- Three sharp cutting edges for high-quality threads



T-Max® U-Lock is a complement to the CoroThread® 266 rigid indexable insert threading system. It provides a specialized solution for 11 mm (.433 inch) internal threading applications in two different geometries: all-round and sharp.

www.sandvik.coromant.com/tmaxulock

Insert types

Full profile

High productivity

Metric 60°

UN 60°

Whitworth 55°

NPT 60°

V-profile

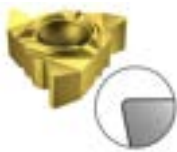
Minimum tool inventory

V-profile 60° and 55°

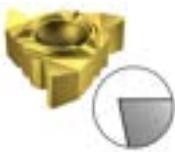
- Tools
- Coromant Capto® cutting units
- Boring bars
- CoroTurn® SL heads



- Insert geometries and grades for all materials
- Tailor Made inserts for almost any thread form or pitch

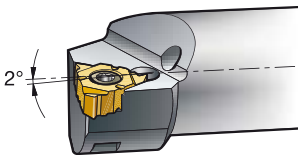


Standard geometry



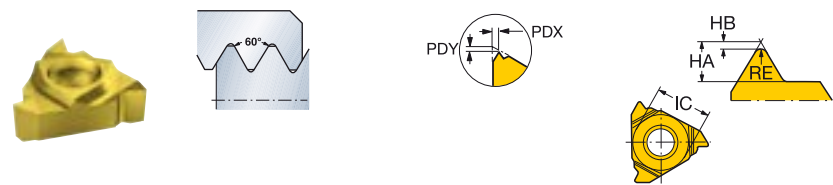
Sharp F-geometry

The tool holders for inserts with size 11 are made for a 2° inclination angle and no shim



T-Max® U-Lock insert for thread turning

V-profile 60° Non-topping



Internal right-hand threads

								P	M	K	N	S	H	Dimensions, mm, inch								
		TPN	TPX	TPIN	TPIX	NT	Ordering code	1020	4125	1020	4125	1020	4125	1020	4125	1020	4125	RE	HA	HB	PDX	PDY
11	1/4	1.0	2.0	12.0	24.0	1	R166.0L-11VM01-001	★	☆	★	☆	★	☆	★	☆	★	☆	0.06	1.45	0.06	0.90	0.68
																		.002	.0571	.0024	.035	.027
		1.0	2.0	12.0	24.0	1	R166.0L-11VM01C001	★		★		★		★		★		0.06	1.45	0.06	0.90	0.68
																		.002	.0571	.0024	.035	.027

Internal left-hand threads

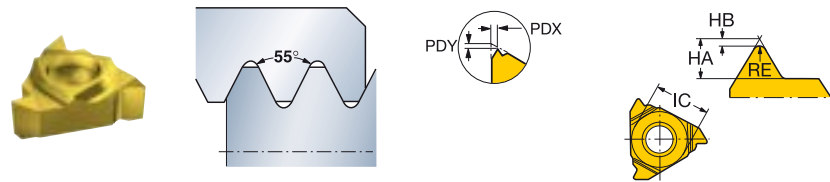
							P	M	K	N	S	H	Dimensions, mm, inch					
		TPN	TPX	TPIN	TPIX	NT	Ordering code	1020	1020	1020	1020	1020	1020	RE	HA	HB	PDX	PDY
11	1/4	1.0	2.0	12.0	24.0	1	L166.0L-11VM01-001	★	★	★	★	★	☆	0.06	1.45	0.06	0.90	0.06
														.002	.0571	.0024	.035	.002

R = Right hand, L = Left hand



T-Max® U-Lock insert for thread turning

V-profile 55° Non-topping



C

Internal right-hand threads

						P	M	K	N	S	H	Dimensions, mm, inch				
		TPIN	TPIX	NT	Ordering code	1020 4125	1020 4125	1020 4125	1020 4125	1020 4125	1020 4125	RE	HA	HB	PDX	PDY
11	1/4	14.0	28.0	1	R166.0L-11VW01-001	★ ☆	★ ☆	★ ☆	★ ☆	★ ☆	★ ☆	0.11	1.60	0.12	0.95	0.68
												.004	.0630	.0047	.037	.027

D

Internal left-hand threads

						P	M	K	N	S	H	Dimensions, mm, inch				
	TPIN	TPIX	NT	Ordering code		1020	1020	1020	1020	1020		RE	HA	HB	PDX	PDY
11	1/4	14.0	28.0	1	L166.0L-11VW01-001	★	★	★	★	★	☆	0.11	1.60	0.12	0.95	0.12
												.004	.0630	.0047	.037	.005

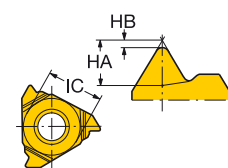
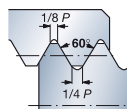
R = Right hand, L = Left hand

T-Max® U-Lock insert for thread turning

Metric 60° Topping

STDNO
TCTR

ISO 965-1998
IT 6



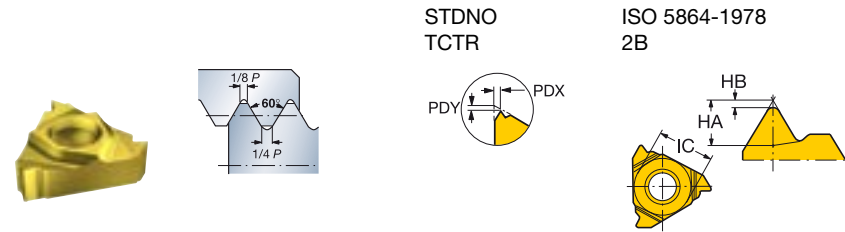
Internal right-hand threads

					P	M	K	N	S	H	Dimensions, mm, inch					
		TP	NT	Ordering code	1020	4125	1020	4125	1020	4125	1020	4125	HA	HB	PDX	PDY
11	1/4	0.50	1	R166.0L-11MM01-050	★	★	★	★	★	★	☆		0.32	0.03	0.50	0.68
		.020											.0126	.0012	.020	.027
		0.75	1	R166.0L-11MM01-075	★	★	★	★	★	★	☆		0.47	0.04	0.60	0.68
		.030											.0185	.0016	.024	.027
		1.00	1	R166.0L-11MM01-100	★	☆	★	☆	★	☆	★	☆	0.64	0.06	0.80	0.68
		.039											.0252	.0024	.031	.027
		1.25	1	R166.0L-11MM01-125	★	★	★	★	★	★	☆		0.79	0.07	0.80	0.68
		.049											.0311	.0028	.031	.027
		1.50	1	R166.0L-11MM01-150	★	☆	★	☆	★	☆	★	☆	0.96	0.09	1.10	0.68
		.059											.0378	.0035	.043	.027
		1.75	1	R166.0L-11MM01-175	★	★	★	★	★	★	☆		1.11	0.11	1.05	0.68
		.069											.0437	.0043	.041	.027
		2.00	1	R166.0L-11MM01-200	★	☆	★	☆	★	☆	★	☆	1.27	0.12	0.92	0.58
		.079											.0500	.0047	.036	.023

T-Max® U-Lock insert for thread turning

UN 60° Full form

B



C

Internal right-hand threads

					P	M	K	N	S	H	Dimensions, mm, inch			
		TPI	NT	Ordering code	1020	1020	1020	1020	1020	1020	HA	HB	PDX	PDY
11	1/4	32.0	1	R166.0L-11UN01-320	★	★	★	★	★	☆	0.50	0.04	0.60	0.68
											.0197	.0016	.024	.027
		28.0	1	R166.0L-11UN01-280	★	★	★	★	★	☆	0.58	0.05	0.80	0.68
											.0228	.0020	.031	.027
		24.0	1	R166.0L-11UN01-240	★	★	★	★	★	☆	0.67	0.06	0.85	0.68
											.0264	.0024	.033	.027
		20.0	1	R166.0L-11UN01-200	★	★	★	★	★	☆	0.80	0.07	0.90	0.68
											.0315	.0028	.035	.027
		18.0	1	R166.0L-11UN01-180	★	★	★	★	★	☆	0.89	0.08	1.00	0.68
											.0350	.0032	.039	.027
		16.0	1	R166.0L-11UN01-160	★	★	★	★	★	☆	1.00	0.09	1.00	0.68
											.0394	.0035	.039	.027
		14.0	1	R166.0L-11UN01-140	★	★	★	★	★	☆	1.13	0.11	1.05	0.68
											.0445	.0043	.041	.027

D

E

Internal left-hand threads

					P	M	K	N	S	H	Dimensions, mm, inch			
		TPI	NT	Ordering code	1020	1020	1020	1020	1020	1020	HA	HB	PDX	PDY
11	1/4	32.0	1	L166.0L-11UN01-320	★	★	★	★	★	☆	0.50	0.04	0.60	0.68
											.0197	.0016	.024	.027
		28.0	1	L166.0L-11UN01-280	★	★	★	★	★	☆	0.58	0.05	0.80	0.68
											.0228	.0020	.031	.027
		24.0	1	L166.0L-11UN01-240	★	★	★	★	★	☆	0.67	0.06	0.85	0.68
											.0264	.0024	.033	.027
		20.0	1	L166.0L-11UN01-200	★	★	★	★	★	☆	0.80	0.07	0.90	0.68
											.0315	.0028	.035	.027
		18.0	1	L166.0L-11UN01-180	★	★	★	★	★	☆	0.89	0.08	1.00	0.68
											.0350	.0032	.039	.027
		16.0	1	L166.0L-11UN01-160	★	★	★	★	★	☆	1.00	0.09	1.00	0.68
											.0394	.0035	.039	.027
		14.0	1	L166.0L-11UN01-140	★	★	★	★	★	☆	1.13	0.11	1.05	0.68
											.0445	.0043	.041	.027

R = Right hand, L = Left hand

G

H

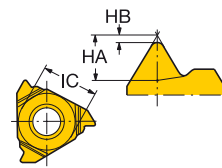
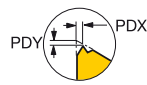
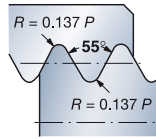


T-Max® U-Lock insert for thread turning

Whitworth 55° (BSW, BSF, BSP) Topping

STDNO
STDNO
STDNO
TCTR

ISO 228-1982
BS 2779-1973
BS-84-1956
CLASS A



Internal right-hand threads

		P	M	K	N	S	H	Dimensions, mm, inch			
	TPI	NT	Ordering code	1020	4125	1020	4125	1020	4125	1020	4125
11 1/4	20.0	1	R166.0L-11WH01-200	★	★	★	★	★	★	★	★
								HA	HB	PDX	PDY
								0.99	0.17	0.90	0.68
								.0390	.0067	.035	.027
	19.0	1	R166.0L-11WH01-190	★	★	★	★	★	★	★	★
								1.05	0.18	0.90	0.68
								.0413	.0071	.035	.027
	14.0	1	R166.0L-11WH01-140	★	★	★	★	★	★	★	★
								1.43	0.25	1.05	0.68
								.0563	.0098	.041	.027

Internal left-hand threads

		P	M	K	N	S	H	Dimensions, mm, inch			
	TPI	NT	Ordering code	1020	4125	1020	4125	1020	4125	1020	4125
11 1/4	20.0	1	L166.0L-11WH01-200	★	★	★	★	★	★	★	★
								HA	HB	PDX	PDY
								0.99	0.17	0.90	0.68
								.0390	.0067	.035	.027
	19.0	1	L166.0L-11WH01-190	★	★	★	★	★	★	★	★
								1.05	0.18	0.90	0.68
								.0413	.0071	.035	.027
	14.0	1	L166.0L-11WH01-140	★	★	★	★	★	★	★	★
								1.43	0.25	1.05	0.68
								.0563	.0098	.041	.027

R = Right hand, L = Left hand



C71



C94



C111



H37

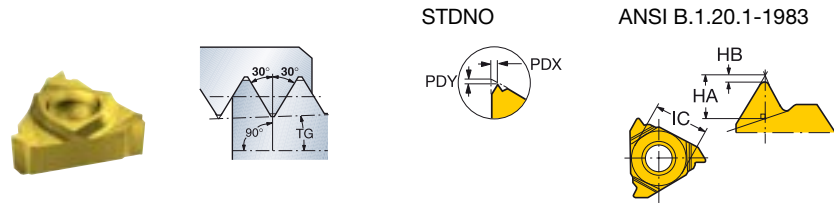


H28

T-Max® U-Lock insert for thread turning

NPT 60° (NPSC, NPTR, LINE PIPE) Full form

B



C

Internal right-hand threads

					P	M	K	N	S	H	Dimensions, mm, inch				
		TPI	NT	Ordering code	1020	1020	1020	1020	1020		HA	HB	PDX	PDY	TG
11	1/4	18.0	1	R166.0L-11NT01F180	★	★	★	★	★	☆	1.14	0.08	0.85	0.67	0.06
											.0449	.0032	.033	.026	
		14.0	1	R166.0L-11NT01F140	★	★	★	★	★	☆	1.46	0.09	0.95	0.67	0.06
											.0575	.0035	.037	.026	

D

The insert can give a slightly bigger truncation for LINE PIPE 14 TPI

R = Right hand

E

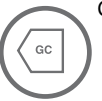
F

G

H

C71

C94

C111

H37

H28

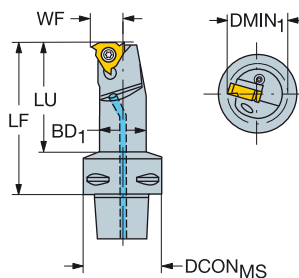
C 70



T-Max® U-Lock cutting unit for thread turning

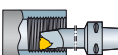
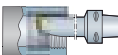
Screw clamp design

Coromant Capto® - Internal coolant supply



166.0L



							Dimensions, mm, inch								
			CZC _{MS}	DMIN ₁	LU	CNSC	Ordering code	DCON _{MS}	LF	WF	THCA				MIID
	11	1/4	C3	20.0	33.0	3	C3-R166.0KF-12050-11	32	50.0	12.0	1°	10	0.9	0.20	R166.0L-11..
				.787	1.299			1.260	1.969	.472	1°	145			
			C4	20.0	37.0	3	C4-R166.0KF-12060-11	40	60.0	12.0	1°	10	0.9	0.34	R166.0L-11..
				.787	1.457			1.575	2.362	.472	1°	145			
	11	1/4	C4	20.0	37.0	3	C4-R166.0KFZ12060-11	40	60.0	12.0	1°	10	0.9	0.34	R166.0L-11..
				.787	1.457			1.575	2.362	.472	1°	145			

Z = For upside down mounting

R = Right hand, L = Left hand

For PDX/PDY values, see insert page.

For infed recommendations, see page C100.

Angle of inclination (THCA) with different shims, see page C98.

Spare parts
Insert screw
5513 020-03

For the complete list of spare parts, visit www.sandvik.coromant.com

C2



F2



E1



G1



H37

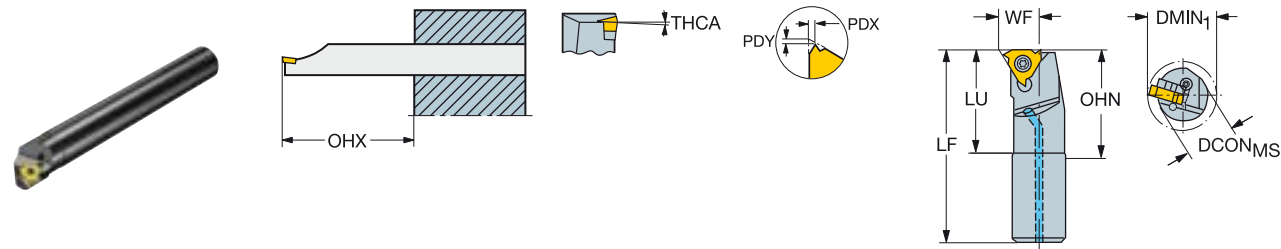


H5

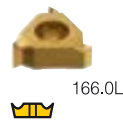
T-Max® U-Lock solid carbide boring bar for thread turning

Screw clamp design
Cylindrical with groove for EasyFix sleeve - Internal coolant supply

B



C



Metric version

|--|

D

Inch version

								Ordering code	Dimensions, inch							MID
		CZC _{MS}	DMIN ₁	LU	OHX	OHN	CNSC		DCON _{MS}	H	LF	WF	THCA			
	1/4	3/8	.500	2.250	2.250	.880	1	R/L166.0KF-D06C-2C	.375	.359	6.000	.295	1°	0.7	0.287	L166.0L-11..
		1/2	.630	3.000	3.000	.930	1	R/L166.0KF-D08C-2C	.500	.484	8.000	.354	1°	0.7	0.661	L166.0L-11..

For PDX/PDY values, see insert page.R = Right hand, L = Left hand
For infeed recommendations, see page C100.
Angle of inclination (THCA) with different shims, see page C98.

F

Spare parts
Insert screw
5513 020-03

For the complete list of spare parts, visit www.sandvik.coromant.com

G

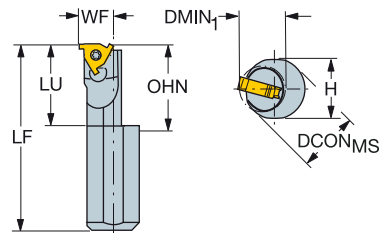
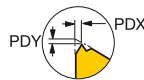
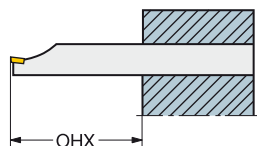
H



T-Max® U-Lock boring bar for thread turning

Screw clamp design

Cylindrical with flats



166.0L



Metric version

							Dimensions, mm											
		CZC _{MS}	DMIN ₁	LU	OHX	OHN	Ordering code	DCON _{MS}	H	BD	LF	WF	THCA			MIID		
	11	16	12.0	20.9	48.0	20.9	R/L166.0KF-16-1220-11B	16.0	15.0	12.0	125.0	10.0	1°	0.9	0.19	L166.0L-11..		
	16	16.0	25.9	48.0	25.9	R/L166.0KF-16-1625-11B	16.0	15.0	16.0	150.0	10.5	1°	0.9	0.23	L166.0L-11..			

Inch version

							Dimensions, inch								
		CZC _{MS}	DMIN ₁	LU	OHX	OHN	Ordering code	DCON _{MS}	H	LF	WF	THCA			MIID
	1/4	5/8	.500	.819	1.875	.820	R/L166.0KF-D10-D0812-2B	.625	.570	5.000	.394	1°	0.7	0.410	L166.0L-11..
		5/8	.630	1.028	1.875	1.030	R166.0KF-D10-D1016-2B	.625	.563	6.000	.413	1°	0.7	0.397	R166.0L-11..

For PDX/PDY values, see insert page.

R = Right hand, L = Left hand

For infeed recommendations, see page C100.

Angle of inclination (THCA) with different shims, see page C98.

Spare parts
Insert screw
5513 020-03

For the complete list of spare parts, visit www.sandvik.coromant.com

C2



F2



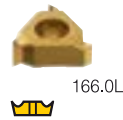
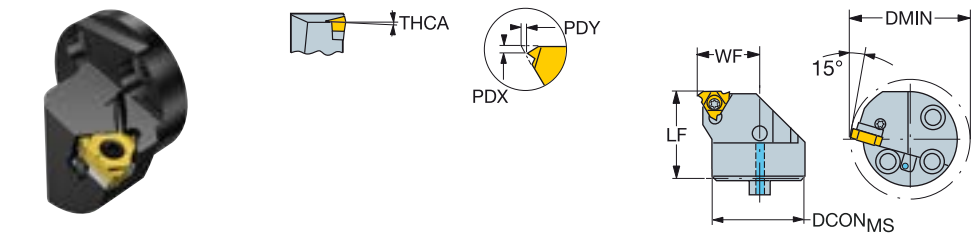
G1



H37

T-Max® U-Lock head for thread turning

Screw clamp design
CoroTurn® SL - Internal coolant supply





						Dimensions, mm, inch								
	 11	 1/4	CZC _{MS}	DMIN ₁	CNSC	Ordering code	DCON _{MS}	LF	WF	THCA				MIID
	11	1/4	16	20.0	1	R/L566.0KFC-162012-11	16	20.0	12.0	1°	10	0.9	0.03	L166.0L-11..
				.787			.630	.787	.472	1°	145			
			20	25.0	1	R/L566.0KFC-202014-11	20	20.0	14.0	1°	10	0.9	0.04	L166.0L-11..
				.984			.787	.787	.551	1°	145			

For PDX/PDY values, see insert page.R = Right hand, L = Left hand
For infeed recommendations, see page C100.
Angle of inclination (THCA) with different shims, see page C98.

Spare parts
Insert screw
5513 020-03

For the complete list of spare parts, visit www.sandvik.coromant.com



CoroCut® XS

For external machining of small and slender components

Application

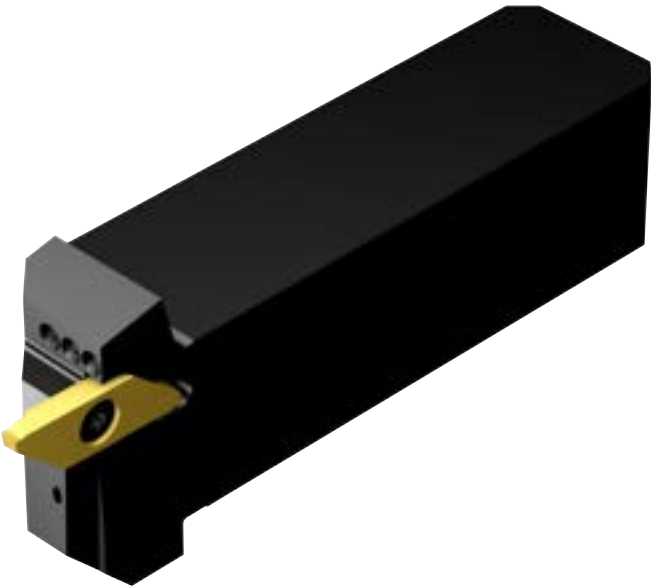
- Parting off
- External threading
- External grooving
- Turning

ISO application area:



Benefits and features

- High precision
- Close tolerances
- Good accessibility when changing inserts
- Wide variety of insert widths
- Sharp cutting edges
- All inserts fit into the same tool holder
- High-quality ground inserts and holders
- Full profile inserts for high-quality threads in one operation
- Designed to keep the tool holder intact in case of insert breakage.
- Available with precision coolant



www.sandvik.coromant.com/corocutxs

Holders

Dedicated holders for parting off close to sub spindle are available in high-precision square shank style.



Inserts

Turning	Back turning	Parting off	Grooving	Profiling	Threading
A347	A347	B129	B131	B131	C76

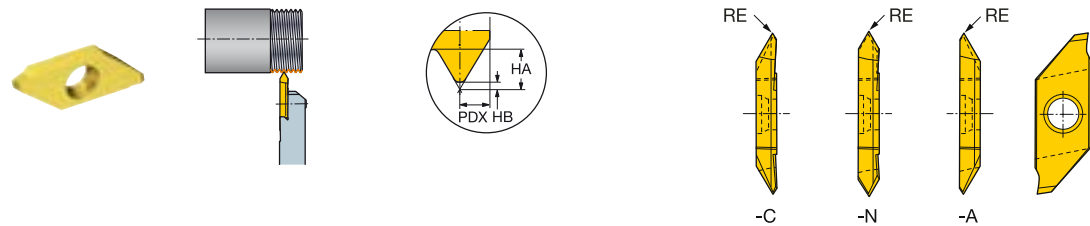
Tools

QS™ shank tools	CoroTurn® SL cutting head
B132	B133

CoroCut® XS insert for thread turning

V-profile 60° Non-topping

B



External right-hand threads

C

							P	M	K	N	S	Dimensions, mm, inch							
SSC	TPN	TPX	TPIN	TPIX	NT	Ordering code	1025	1105	H13A	1025	1105	H13A	1025	1105	H13A	RE	HA	HB	PDX
3	0.4	1.0	24.0	72.0	1	MATR 3 60-A	☆	★	☆	☆	★	☆	☆	★	☆	0.05	0.75	0.05	0.60
																.002	.0295	.0020	.024
	0.4	1.0	24.0	72.0	1	MATR 3 60-C	☆	★	☆	☆	★	☆	☆	★	☆	0.05	0.75	0.05	0.60
																.002	.0295	.0020	.024
	0.4	2.0	12.0	72.0	1	MATR 3 60-N	☆	★	☆	☆	★	☆	☆	★	☆	0.05	1.50	0.05	1.59
																.002	.0591	.0020	.063

D

External left-hand threads

							P		M		K		N		S		Dimensions, mm, inch					
SSC	TPN	TPX	TPIN	TPIX	NT	Ordering code	1025	1105	H13A	1025	1105	H13A	1025	1105	H13A	1025	1105	H13A	RE	HA	HB	PDX
3	0.4	1.0	24.0	72.0	1	MATL 3 60-A	☆	★	☆	☆	★	☆	☆	★	☆	☆	★	☆	0.05	0.75	0.05	0.60
							☆	★	☆	☆	★	☆	☆	★	☆	☆	★	☆	.002	.0295	.0020	.024
	0.4	1.0	24.0	72.0	1	MATL 3 60-C	☆	★	☆	☆	★	☆	☆	★	☆	☆	★	☆	0.05	0.75	0.05	0.60
							☆	★	☆	☆	★	☆	☆	★	☆	☆	★	☆	.002	.0295	.0020	.024
	0.4	2.0	12.0	72.0	1	MATL 3 60-N	☆	★	☆	☆	★	☆	☆	★	☆	☆	★	☆	0.05	1.50	0.05	1.59
							☆	★	☆	☆	★	☆	☆	★	☆	☆	★	☆	.002	.0591	.0020	.063

E

SSC = To correspond with SSC on holder. R = Right hand, L = Left hand

F

G

H

B132

B190

C111

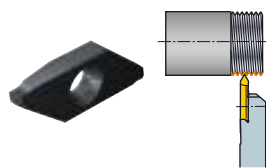
H37

H24

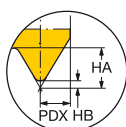
C 76

CoroCut® XS insert for thread turning

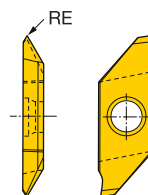
Metric 60° full form



STDNO
TCTR



ISO 965-1998
IT 6



External right-hand threads

SSC	TP	NT	Ordering code	P	M	N	S	O	Dimensions, mm, inch			
				1105	1105	1105	1105	1105	RE	HA	HB	PDX
3	0.20	1	MATR 3-MM01F-020-A	★	★	★	★	★	0.03	0.14	0.02	0.23
	.008								.001	.0055	.0008	.009
	0.25	1	MATR 3-MM01F-025-A	★	★	★	★	★	0.04	0.18	0.03	0.28
	.010								.002	.0071	.0012	.011
	0.30	1	MATR 3-MM01F-030-A	★	★	★	★	★	0.04	0.22	0.03	0.28
	.012								.002	.0087	.0012	.011
	0.35	1	MATR 3-MM01F-035-A	★	★	★	★	★	0.05	0.25	0.04	0.32
	.014								.002	.0098	.0016	.013
	0.40	1	MATR 3-MM01F-040-A	★	★	★	★	★	0.06	0.29	0.04	0.38
	.016								.002	.0114	.0016	.015
	0.45	1	MATR 3-MM01F-045-A	★	★	★	★	★	0.06	0.32	0.05	0.38
	.018								.002	.0126	.0020	.015
	0.50	1	MATR 3-MM01F-050-A	★	★	★	★	★	0.07	0.36	0.05	0.48
	.020								.003	.0142	.0020	.019
	0.70	1	MATR 3-MM01F-070-A	★	★	★	★	★	0.10	0.51	0.08	0.38
	.028								.004	.0201	.0032	.015
	0.75	1	MATR 3-MM01F-075-A	★	★	★	★	★	0.11	0.54	0.08	0.38
	.030								.004	.0213	.0032	.015
	0.80	1	MATR 3-MM01F-080-A	★	★	★	★	★	0.11	0.58	0.09	0.38
	.031								.004	.0228	.0035	.015
	1.00	1	MATR 3-MM01F-100-A	★	★	★	★	★	0.12	0.72	0.11	0.38
	.039								.005	.0283	.0043	.015
	1.25	1	MATR 3-MM01F-125-A	★	★	★	★	★	0.15	0.90	0.14	0.38
	.049								.006	.0354	.0055	.015
	1.50	1	MATR 3-MM01F-150-A	★	★	★	★	★	0.22	1.08	0.16	0.38
	.059								.009	.0425	.0063	.015

External left-hand threads

SSC	TP	NT	Ordering code	P	M	N	S	O	Dimensions, mm, inch			
				1105	1105	1105	1105	1105	RE	HA	HB	PDX
3	0.40	1	MATL 3-MM01F-040-A	★	★	★	★	★	0.06	0.29	0.04	0.38
	.016								.002	.0114	.0016	.015
	0.50	1	MATL 3-MM01F-050-A	★	★	★	★	★	0.07	0.36	0.05	0.38
	.020								.003	.0142	.0020	.015
	0.70	1	MATL 3-MM01F-070-A	★	★	★	★	★	0.10	0.51	0.08	0.38
	.028								.004	.0201	.0032	.015
	0.75	1	MATL 3-MM01F-075-A	★	★	★	★	★	0.11	0.54	0.08	0.38
	.030								.004	.0213	.0032	.015
	0.80	1	MATL 3-MM01F-080-A	★	★	★	★	★	0.11	0.58	0.09	0.38
	.031								.004	.0228	.0035	.015
	1.00	1	MATL 3-MM01F-100-A	★	★	★	★	★	0.12	0.72	0.11	0.38
	.039								.005	.0283	.0043	.015
	1.25	1	MATL 3-MM01F-125-A	★	★	★	★	★	0.15	0.90	0.14	0.38
	.049								.006	.0354	.0055	.015
	1.50	1	MATL 3-MM01F-150-A	★	★	★	★	★	0.22	1.08	0.16	0.38
	.059								.009	.0425	.0063	.015

SSC = To correspond with SSC on holder.

R = Right hand, L = Left hand



B132



B190



C111

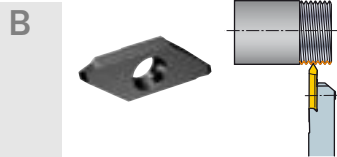


H37



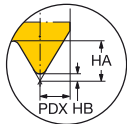
H24

CoroCut® XS insert for thread turning
UN 60° Topping

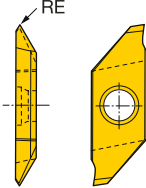


External right-hand threads

STDNO
TCTR



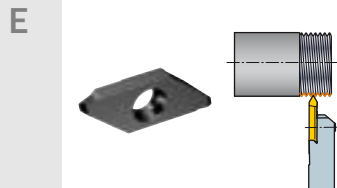
ISO 5864-1978
2A



C

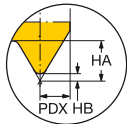
				P	M	N	S	O	Dimensions, mm, inch			
SSC	TPI	NT	Ordering code	1105	1105	1105	1105	1105	RE	HA	HB	PDX
3	80.0	1	MATR 3-UN01F-800-A	★	★	★	★	★	0.04	0.22	0.04	0.38
									.002	.0087	.0016	.015
	72.0	1	MATR 3-UN01F-720-A	★	★	★	★	★	0.05	0.27	0.05	0.38
									.002	.0106	.0020	.015
	64.0	1	MATR 3-UN01F-640-A	★	★	★	★	★	0.06	0.31	0.06	0.38
									.002	.0122	.0024	.015
	56.0	1	MATR 3-UN01F-560-A	★	★	★	★	★	0.06	0.35	0.06	0.38
									.002	.0138	.0024	.015
	48.0	1	MATR 3-UN01F-480-A	★	★	★	★	★	0.07	0.38	0.07	0.38
									.003	.0150	.0028	.015
	40.0	1	MATR 3-UN01F-400-A	★	★	★	★	★	0.09	0.51	0.09	0.38
									.004	.0201	.0035	.015
	32.0	1	MATR 3-UN01F-320-A	★	★	★	★	★	0.10	0.59	0.10	0.38
									.004	.0232	.0039	.015

Whitworth 55° (BSW, BSF, BSP) Topping

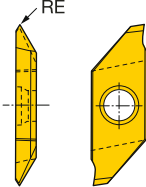


External right-hand threads

STDNO
STDNO
STDNO
TCTR



ISO 228-1982
BS-2779-1973
BS 84-1955
CLASS A



F

				P	M	N	S	O	Dimensions, mm, inch			
SSC	TPI	NT	Ordering code	1105	1105	1105	1105	1105	RE	HA	HB	PDX
3	28.0	1	MATR 3-WH01F-280-A	★	★	★	★	★	0.13	0.72	0.13	0.38
									.005	.0283	.0051	.015
	19.0	1	MATR 3-WH01F-190-A	★	★	★	★	★	0.19	1.06	0.19	0.38
									.007	.0417	.0075	.015

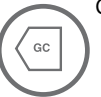
SSC = To correspond with SSC on holder. R = Right hand

G

H

 B132

 B190

 C111

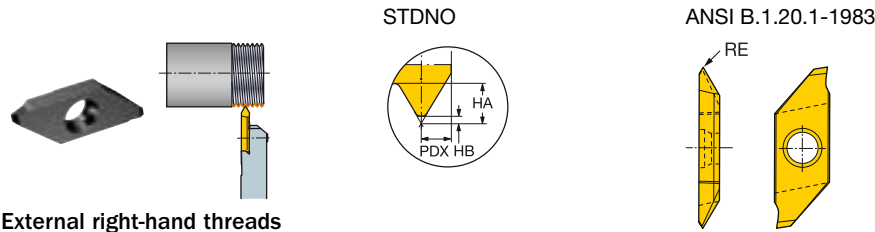
 H37

 H24



CoroCut® XS insert for thread turning

NPT 60° (NPSC, NPTR, LINE PIPE) Full form



External right-hand threads

				P	M	N	S	O	Dimensions, mm, inch			
SSC	TPI	NT	Ordering code	1105	1105	1105	1105	1105	RE	HA	HB	PDX
3	27.0	1	MATR 3-NT01F-270-A	★	★	★	★	★	0.05	0.76	0.05	0.38
									.002	.0299	.0020	.015
	18.0	1	MATR 3-NT01F-180-A	★	★	★	★	★	0.08	1.14	0.08	0.38
									.003	.0449	.0032	.015
	14.0	1	MATR 3-NT01F-140-A	★	★	★	★	★	0.09	1.46	0.09	0.38
									.004	.0575	.0035	.015

SSC = To correspond with SSC on holder.

R = Right hand



A

CoroTurn® XS

Internal turning, face grooving, and threading of small components

B

Application

- Internal turning
- Copying
- Back boring
- Profiling
- Grooving
- Face grooving
- Pre-parting
- Threading

C

ISO application area:



D

Benefits and features

- Optimized for machining small, high-quality features
- High precision and repeatability
- Reliable and easy-to-use clamping system
- Precision-ground tools for high repeatability
- Longer tool life by minimized micro-vibrations with cylindrical carbide shank adapters
- Clamping nut ensures easy change of cutting tool with cylindrical carbide shank adapters

E

www.sandvik.coromant.com/coroturnxs

Internal coolant

- The adapters are designed with internal precision coolant supply.
- Selectable coolant direction for better chip evacuation and safe machining.



Locking precision

Precise location into the boring bar due to a locating pin.



F

Inserts

Turning	Back boring	Pre-parting	Grooving	Face grooving	Profiling	Threading
A340	A339	B164	B165	B170	B172	C81

G

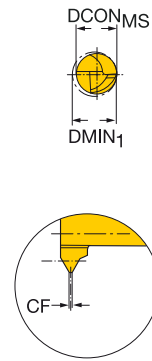
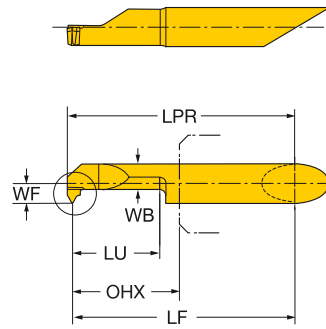
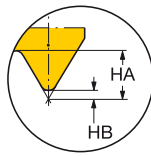
Adapters

Coromant Capto®	Rectangular shank	Cylindrical shank with flat
F30	F42	F51

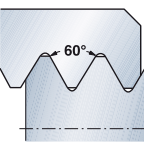
H

CoroTurn® XS solid-carbide tool for thread turning

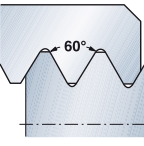
V-profile 60° Non-topping



Internal right-hand threads

									Ordering code	Dimensions, mm, inch									
	CZC _{MS}	TPN	TPX	TPIN	TPIX	DMIN ₁	LU	OHX		P	M	N	S	H					
										1025	1025	1025	1025	7015	DCON _{MS}	WB	CF	LPR	LF
	4	0.50	0.70	36.0	48.0	4.2	15.0	17.6	CXS-04TH050VM-4215R	★	★	★	★		4	3.0	0.1	32.7	32.3
		.020	.028			.165	.591	.693							.157	.116	.002	1.287	1.272
	5	0.50	0.75	36.0	48.0	5.2	15.0	17.6	CXS-05TH050VM-5215R	★	★	★	★		5	3.8	0.1	37.7	37.3
		.020	.030			.205	.591	.692							.197	.148	.002	1.485	1.469
	5	0.75	1.00	24.0	36.0	5.1	15.0	17.6	CXS-05TH070VM-5115R	★	★	★	★		5	3.7	0.1	37.8	37.3
		.030	.039			.201	.591	.691							.197	.144	.004	1.486	1.469
	5	1.00	1.25	20.0	24.0	4.8	15.0	17.5	CXS-05TH100VM-4815R	★	★	★	★		5	3.6	0.1	37.9	37.3
		.039	.049			.189	.591	.687							.197	.140	.005	1.490	1.469
	6	1.00	1.25	20.0	24.0	6.2	15.0	17.5	CXS-06TH100VM-6215R	★	★	★	★	★	6	3.6	0.1	37.9	37.3
		.039	.049			.244	.591	.687							.236	.140	.005	1.490	1.469
	6	1.25	1.50	18.0	20.0	6.2	15.0	17.2	CXS-06TH125VM-6215R	★	★	★	★		6	3.6	0.2	38.1	37.3
		.049	.059			.244	.591	.676							.236	.140	.006	1.502	1.469
	6	1.50	1.75	16.0	18.0	6.2	15.0	17.2	CXS-06TH150VM-6215R	★	★	★	★	★	6	3.6	0.2	38.3	37.3
		.059	.069			.244	.591	.676							.236	.140	.007	1.507	1.469

Internal left-hand threads

									Ordering code	Dimensions, mm, inch									
	CZC _{MS}	TPN	TPX	TPIN	TPIX	DMIN ₁	LU	OHX		P	M	N	S	H					
										1025	1025	1025	1025		DCON _{MS}	WB	CF	LPR	LF
	4	0.50	0.70	36.0	48.0	4.2	15.0	17.6	CXS-04TH050VM-4215L	★	★	★	★		4	3.0	0.1	32.7	32.3
		.020	.028			.165	.591	.693							.157	.116	.002	1.287	1.272
	5	1.00	1.25	20.0	24.0	4.8	15.0	17.5	CXS-05TH100VM-4815L	★	★	★	★		5	3.6	0.1	37.9	37.3
		.039	.049			.189	.591	.687							.197	.140	.005	1.490	1.469
	6	1.00	1.25	20.0	24.0	6.2	15.0	17.5	CXS-06TH100VM-6215L	★	★	★	★		6	3.6	0.1	37.9	37.3
		.039	.049			.244	.591	.687							.236	.140	.005	1.490	1.469
	6	1.25	1.50	18.0	20.0	6.2	15.0	17.2	CXS-06TH125VM-6215L	★	★	★	★		6	3.6	0.2	38.1	37.3
		.049	.059			.244	.591	.676							.236	.140	.006	1.502	1.469
	6	1.50	1.75	16.0	18.0	6.2	15.0	17.2	CXS-06TH150VM-6215L	★	★	★	★	★	6	3.6	0.2	38.3	37.3
		.059	.069			.244	.591	.676							.236	.140	.007	1.507	1.469

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand



F2



B189



C111



H37



H22

A

THREAD TURNING

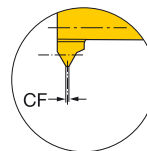
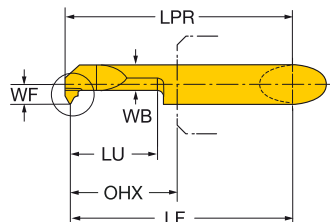
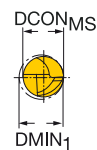
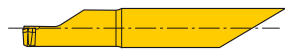
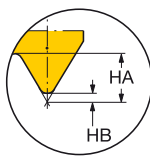
Cutting tools

CoroTurn® XS solid-carbide tool for thread turning

Metric 60° Topping

TCTR
STDNOIT 6
ISO 956-1998

B



C

Internal right-hand threads

						P M N S				Dimensions, mm, inch										
						1025	1025	1025	1025											
	CZC _{MS}	TP	DMIN ₁	LU	OHX	Ordering code					DZC _{MS}	WB	CF	LPR	LF	WF	HA	HB		
	4	0.5	4.2	15.0	17.6	CXS-04TH050MM-4215R	★	★	★	★	4	3.5	0.1	32.7	32.3	2.0	0.5	0.1		
		.020	.165	.591	.693						.157	.136	.002	1.287	1.272	.077	.018	.002		
	4	0.7	4.2	15.0	17.5	CXS-04TH070MM-4215R	★	★	★	★	4	3.3	0.1	32.8	32.3	1.9	0.8	0.1		
		.028	.165	.591	.689						.157	.128	.003	1.291	1.272	.075	.030	.003		
	4	0.8	4.0	15.0	17.5	CXS-04TH080MM-4015R	★	★	★	★	4	3.0	0.1	32.8	32.3	1.9	0.8	0.1		
		.031	.157	.591	.689						.157	.118	.004	1.291	1.272	.073	.033	.004		
	5	0.5	5.2	15.0	17.6	CXS-05TH050MM-5215R	★	★	★	★	5	4.5	0.1	37.7	37.3	2.5	0.5	0.1		
		.020	.205	.591	.693						.197	.175	.002	1.484	1.469	.096	.018	.002		
	5	0.75	5.1	15.0	17.5	CXS-05TH075MM-5115R	★	★	★	★	5	4.2	0.1	37.8	37.3	2.4	0.8	0.1		
		.030	.201	.591	.689						.197	.163	.004	1.488	1.469	.094	.031	.003		
	5	1.0	4.8	15.0	17.4	CXS-05TH100MM-4815R	★	★	★	★	5	3.6	0.1	37.9	37.3	2.3	1.0	0.1		
		.039	.189	.591	.685						.197	.140	.005	1.492	1.469	.089	.039	.004		
	6	1.0	6.2	15.0	17.4	CXS-06TH100MM-6215R	★	★	★	★	6	5.1	0.1	37.9	37.3	3.0	1.0	0.1		
		.039	.244	.591	.685						.236	.199	.005	1.492	1.469	.116	.039	.004		
	6	1.25	6.2	15.0	17.3	CXS-06TH125MM-6215R	★	★	★	★	6	4.8	0.2	38.0	37.3	3.0	1.3	0.1		
		.049	.244	.591	.681						.236	.189	.006	1.496	1.469	.116	.050	.005		
	6	1.5	6.2	15.0	17.2	CXS-06TH150MM-6215R	★	★	★	★	6	4.5	0.2	38.1	37.3	3.0	1.6	0.2		
		.059	.244	.591	.677						.236	.177	.007	1.500	1.469	.116	.063	.006		
	6	1.75	6.2	15.0	17.1	CXS-06TH175MM-6215R	★	★	★	★	6	4.3	0.2	38.2	37.3	3.0	1.8	0.2		
		.069	.244	.591	.673						.236	.169	.008	1.504	1.469	.116	.072	.007		
	6	2.0	6.2	15.0	17.0	CXS-06TH200MM-6215R	★	★	★	★	6	4.1	0.3	38.3	37.3	3.0	2.1	0.2		
		.079	.244	.591	.669						.236	.161	.010	1.508	1.469	.116	.081	.009		

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand

F

G

H



F2



B189



C111



H37

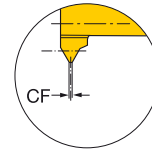
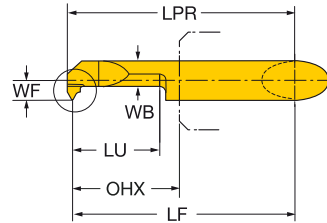
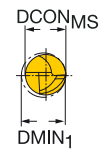
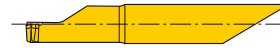
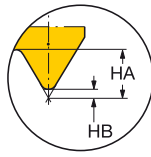


H22

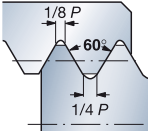
CoroTurn® XS solid-carbide tool for thread turning

UN 60° Full form

TCTR 2B
STDNO ISO 5864-1978



Internal right-hand threads

						Dimensions, mm, inch												
						P	M	N	S									
	CZC _{MS}	TPI	DMIN ₁	LU	OHX	Ordering code	1025	1025	1025	1025	DCON _{MS}	WB	CF	LPR	LF	WF	HA	HB
	4	32.0	4.0	15.0	17.5	CXS-04TH320UN-4015R	★	★	★	★	4	3.0	0.1	32.9	32.3	1.9	0.9	0.1
			.157	.591	.687						.157	.116	.004	1.293	1.272	.073	.035	.004
	4	28.0	4.0	15.0	17.4	CXS-04TH280UN-4015R	★	★	★	★	4	3.0	0.1	32.9	32.3	1.9	0.9	0.1
			.157	.591	.685						.157	.116	.004	1.295	1.272	.073	.035	.004
	4	24.0	4.2	15.0	17.4	CXS-04TH240UN-4215R	★	★	★	★	4	3.1	0.1	33.0	32.3	2.0	1.0	0.1
			.165	.591	.683						.157	.120	.005	1.297	1.272	.077	.040	.004
	5	20.0	5.2	15.0	17.3	CXS-05TH200UN-5215R	★	★	★	★	5	4.0	0.2	38.0	37.3	2.5	1.1	0.1
			.205	.591	.681						.197	.156	.006	1.496	1.469	.096	.044	.005
	6	18.0	6.2	15.0	17.3	CXS-06TH180UN-6215R	★	★	★	★	6	4.9	0.2	38.1	37.3	3.0	1.3	0.2
			.244	.591	.679						.236	.191	.007	1.498	1.469	.116	.049	.006
	6	16.0	6.2	15.0	15.2	CXS-06TH160UN-6215R	★	★	★	★	6	4.8	0.2	38.2	37.3	3.0	1.4	0.2
			.244	.591	.596						.236	.187	.008	1.502	1.469	.116	.054	.006

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand



F2



B189



C111



H37



H22

A

THREAD TURNING

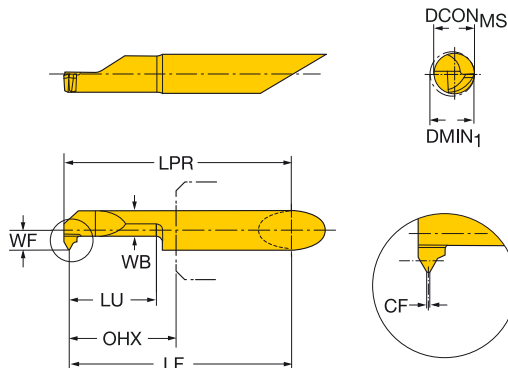
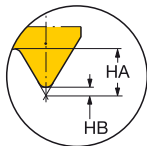
Cutting tools

CoroTurn® XS solid-carbide tool for thread turning

Whitworth 55° (BSW, BSF, BSP) Topping

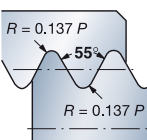
TCTR CLASS A
 STDNO ISO 228-1982
 STDNO BS 2779-1973
 STDNO BS 84-1956

B



C

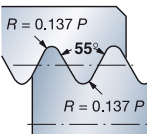
Internal right-hand threads

								P	M	N	S	Dimensions, mm, inch							
	CZC _{MS}	TPI	DMIN ₁	LU	RE	OHX	Ordering code	1025	1025	1025	1025	DCON _{MS}	WB	LPR	LF	WF	HA	HB	
	5	28.0	5.2	15.0	0.120	17.2	CXS-05TH28WH-5215R	★	★	★	★	5	3.8	38.1	37.3	2.5	0.7	0.1	
			.205	.591	.005	.677						.197	.148	1.500	1.469	.096	.029	.006	
	5	26.0	5.2	15.0	0.150	17.2	CXS-05TH26WH-5215R	★	★	★	★	5	3.8	38.1	37.3	2.5	0.8	0.2	
			.205	.591	.006	.677						.197	.148	1.500	1.469	.096	.031	.006	
	5	24.0	5.2	15.0	0.150	17.2	CXS-05TH24WH-5215R	★	★	★	★	5	3.8	38.1	37.3	2.5	0.9	0.2	
			.205	.591	.006	.677						.197	.148	1.500	1.469	.096	.033	.007	
	6	28.0	6.2	15.0	0.120	17.2	CXS-06TH28WH-6215R	★	★	★	★	6	4.0	38.1	37.3	3.0	0.7	0.1	
			.244	.591	.005	.677						.236	.156	1.500	1.469	.116	.029	.006	
	6	22.0	6.2	15.0	0.160	17.0	CXS-06TH22WH-6215R	★	★	★	★	6	4.0	38.3	37.3	3.0	0.9	0.2	
			.244	.591	.006	.669						.236	.156	1.508	1.469	.116	.036	.007	
	6	20.0	6.2	15.0	0.170	17.0	CXS-06TH20WH-6215R	★	★	★	★	6	4.0	38.3	37.3	3.0	1.0	0.2	
			.244	.591	.007	.669						.236	.156	1.508	1.469	.116	.040	.008	
6	19.0	6.2	15.0	0.180	17.0	CXS-06TH19WH-6215R	★	★	★	★	6	4.0	38.3	37.3	3.0	1.1	0.2		
		.244	.591	.007	.669						.236	.156	1.508	1.469	.116	.042	.008		

D

E

Internal left-hand threads

								P	M	N	S	Dimensions, mm, inch						
	CZC _{MS}	TPI	DMIN ₁	LU	RE	OHX	Ordering code	1025	1025	1025	1025	DCON _{MS}	WB	LPR	LF	WF	HA	HB
	6	19.0	6.2	15.0	0.180	17.0	CXS-06TH19WH-6215L	★	★	★	★	6	4.0	38.3	37.3	3.0	1.1	0.2
			.244	.591	.007	.669						.236	.156	1.508	1.469	.116	.042	.008

F

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand

G

H



F2



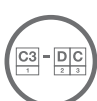
B189



C111



H37

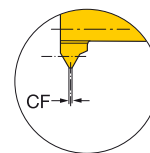
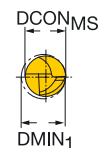
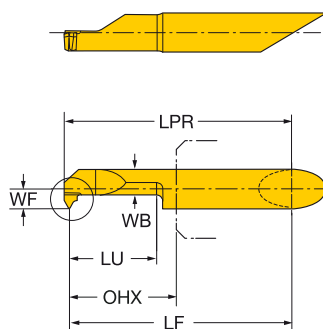
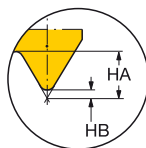


H22

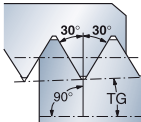
CoroTurn® XS solid-carbide tool for thread turning

NPT 60° (NPSC, NPTR, LINE PIPE) Full form

STDNO ANSI B.1.20.1-1983



Internal right-hand threads

								P	M	N	S	Dimensions, mm, inch						
	CZC _{MS}	TPI	DMIN ₁	LU	RE	OHX	Ordering code	1025	1025	1025	1025	DCON _{MS}	WB	LPR	LF	WF	HA	HB
	6	27.0	6.2	15.0	0.070	17.2	CXS-06TH27NT-6215R	★	★	★	★	6	4.0	38.1	37.3	3.0	1.6	0.0
			.244	.591	.003	.677						.236	.156	1.500	1.469	.116	.064	.001
	6	18.0	6.2	15.0	0.100	17.2	CXS-06TH18NT-6215R	★	★	★	★	6	4.0	38.3	37.3	3.0	1.6	0.0
			.244	.591	.004	.677						.236	.156	1.508	1.469	.116	.065	.002

Internal left-hand threads

							P	M	K	N	S	H	Dimensions, mm, inch						
	CZC _{MS}	TPI	DMIN ₁	LU	RE	OHX	Ordering code	1025	1025	1025	1025	1025	DCON _{MS}	WB	LPR	LF	WF	HA	HB
	6	18.0	6.2	15.0	0.100	17.0	CXS-06TH18NT-6215L	★	★	★	★	★	6	4.0	38.3	37.3	3.0	1.6	0.0
			.244	.591	.004	.669							.236	.156	1.508	1.469	.116	.065	.002

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand



F2



B189



C111



H37



H22

A

THREAD TURNING

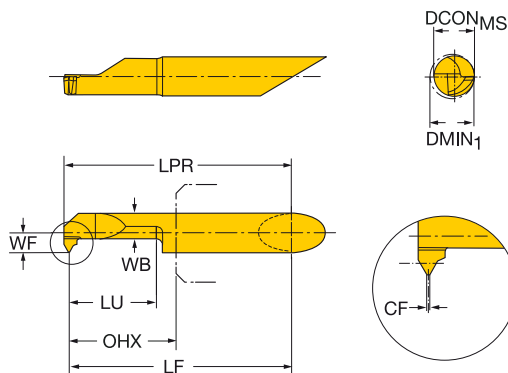
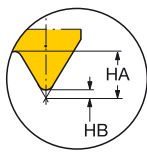
Cutting tools

CoroTurn® XS solid-carbide tool for thread turning

ISO Trapezoidal 30° Chamfered crest form

TCTR IT 7
STDNO ISO 2901-2904
STDNO DIN 103-1977

B



C

Internal right-hand threads

D

						P	M	N	S	Dimensions, mm, inch							
						1025	1025	1025	1025	DCON _{MS}	WB	CF	LPR	LF	WF	HA	HB
	CZC _{MS}	TP	DMIN ₁	LU	OHX	Ordering code											
	6	1.5	6.2	20.0	17.4	CXS-06TH150TR-6220R				6	4.9	0.5	38.2	37.6	3.0	1.8	0.9
		.059	.244	.787	.685	★	★	★	★	.236	.193	.019	1.504	1.480	.116	.071	.036
	6	2.0	6.2	20.0	17.3	CXS-06TH200TR-6220R				6	4.6	0.6	38.4	37.6	3.0	2.4	1.2
		.079	.244	.787	.679	★	★	★	★	.236	.179	.024	1.510	1.480	.116	.095	.046
	7	3.0	7.2	30.0	16.9	CXS-07TH300TR-7230R				7	4.6	1.0	53.4	52.3	3.5	3.5	1.8
		.118	.283	1.181	.665	★	★	★	★	.276	.179	.038	2.100	2.057	.136	.139	.070

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand

E

F

G

H



F2



B189



C111



H37



H22

CoroCut® MB

For internal machining with high precision

Application

- For internal machining of small holes
- Pre-parting
- Grooving
- Face grooving
- Profiling
- Turning
- Copying
- Back boring
- Threading

ISO application area:



Benefits and features

- Vibration-free machining
- Fast setup for both tool and insert
- Stable, high precision interface between interface and tool holder
- Front-mounted exchangeable cutting tool
- Sharp cutting edges
- Geometries and grades for all materials
- Carbide shanks for long overhangs
- Through coolant
- Easy fix clamping
- Grooving tools in a large variety of widths and corner radii—also for standardized grooves such as O-rings and circlip grooves.



www.sandvik.coromant.com/corocutmb

EasyFix

Cylindrical steel and carbide boring bars to be used with EasyFix sleeves for exact center height.

CoroCut® MB boring bars

For stability and accessibility the bars are designed with an eccentric head with oval cross section.

Adapters

Rectangular shank to CoroCut® MB adapter
See page F40

Cylindrical shank to CoroCut® MB adapter
See page F46

Cylindrical shank with flat to CoroCut® MB adapter
See page F53

Inserts

	Pre-parting	Grooving	Face grooving	Profiling	Turning	Copying	Back boring	Threading
								
	MB-..GX	MB-..G	MB-F	MB-..R	MB-..T045	MB-..TE93	MB-..B	MB-..TH
Insert width, mm	1.00	0.73-3.00	1.00-3.00					
Insert width, inch	.039	.039-.118	.039-.118					
Page	B174	B175	B178	Web	Web	Web	Web	C88

A

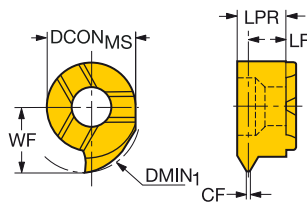
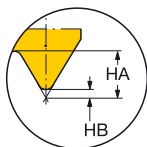
THREAD TURNING

Cutting tools

CoroCut® MB solid-carbide head for thread turning

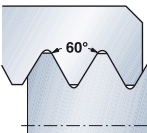
V-profile 60° Non-topping

B



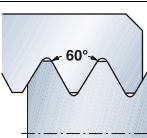
C

Internal right-hand threads

							Ordering code	P M N S Dimensions, mm, inch										
								1025	1025	1025	1025							
	CZC _{MS}	TPN	TPX	TPIN	TPIX	DMIN ₁		DCON _{MS}	CF	LPR	LF	WF	HA	HB				
	07	0.50	0.75	34.0	51.0	10.0	MB-07TH050VM-10R	★	★	★	★	7	0.1	3.8	3.4	5.8	0.5	0.1
		.020	.030			.394						.276	.002	.150	.134	.228	.018	.002
	07	1.00	1.25	20.0	25.0	10.0	MB-07TH100VM-10R	★	★	★	★	7	0.1	3.8	3.2	5.8	0.8	0.1
		.039	.049			.394						.276	.005	.150	.126	.228	.031	.004
	07	1.50	1.75	15.0	17.0	10.0	MB-07TH150VM-10R	★	★	★	★	7	0.2	3.8	3.0	5.8	1.1	0.2
		.059	.069			.394						.276	.007	.150	.118	.228	.044	.006
	07	2.00	2.50	10.0	13.0	10.0	MB-07TH200VM-10R	★	★	★	★	7	0.3	3.8	2.8	5.8	1.6	0.2
		.079	.098			.394						.276	.010	.150	.108	.228	.064	.009
	07	2.50	3.00	8.0	10.0	10.0	MB-07TH250VM-10R	★	★	★	★	7	0.3	3.8	2.6	5.8	2.0	0.3
		.098	.118			.394						.276	.012	.150	.100	.228	.077	.011

D

Internal left-hand threads

							Ordering code	Dimensions, mm, inch										
	CZC _{MS}	TPN	TPX	TPIN	TPIX	DMIN ₁		P	M	N	S	DCON _{MS}	CF	LPR	LF	WF	HA	HB
								1025	1025	1025	1025							
	07	0.50	0.75	34.0	51.0	10.0	MB-07TH050VM-10L	★	★	★	★	7	0.1	3.8	3.4	5.8	0.5	0.1
		.020	.030			.394						.276	.002	.150	.134	.228	.018	.002
	07	1.00	1.25	20.0	25.0	10.0	MB-07TH100VM-10L	★	★	★	★	7	0.1	3.8	3.2	5.8	0.8	0.1
		.039	.049			.394						.276	.005	.150	.126	.228	.031	.004
	07	1.50	1.75	15.0	17.0	10.0	MB-07TH150VM-10L	★	★	★	★	7	0.2	3.8	3.0	5.8	1.1	0.2
		.059	.069			.394						.276	.007	.150	.118	.228	.044	.006
	07	2.00	2.50	10.0	13.0	10.0	MB-07TH200VM-10L	★	★	★	★	7	0.3	3.8	2.8	5.8	1.6	0.2
		.079	.098			.394						.276	.010	.150	.108	.228	.064	.009
	07	2.50	3.00	8.0	10.0	10.0	MB-07TH250VM-10L	★	★	★	★	7	0.3	3.8	2.6	5.8	2.0	0.3
		.098	.118			.394						.276	.012	.150	.100	.228	.077	.011

E

F

CZC_{MS} to correspond with CZC_{WS} on adapter.

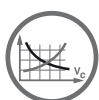
R = Right hand, L = Left hand

G

H



F2



B188



C111



H37



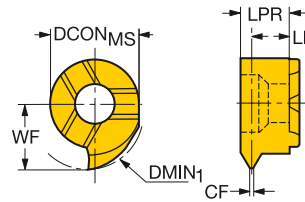
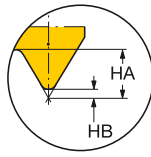
H25

C 88

SANDVIK
Coromant

CoroCut® MB solid-carbide head for thread turning

Metric 60° Topping

TCTR
STDNOIT 6
ISO 956-1998

Internal right-hand threads

	CZC _{MS}	TP	DMIN ₁	Ordering code	P	M	N	S	H	Dimensions, mm, inch						
					1025	1025	1025	1025	7015	DCON _{MS}	CF	LPR	LF	WF	HA	HB
	07	0.5	10.0	MB-07TH050MM-10R	*	*	*	*	*	7	0.1	3.8	3.4	5.8	0.5	0.1
		.020	.394							.276	.002	.150	.134	.228	.018	.002
	07	1.0	10.0	MB-07TH100MM-10R	*	*	*	*	*	7	0.1	3.8	3.2	5.8	0.9	0.1
		.039	.394							.276	.005	.150	.126	.228	.035	.004
	07	1.5	10.0	MB-07TH150MM-10R	*	*	*	*	*	7	0.2	3.8	3.0	5.8	1.4	0.2
		.059	.394							.276	.007	.150	.118	.228	.054	.006
	07	1.8	10.0	MB-07TH175MM-10R	*	*	*	*	*	7	0.2	3.8	2.9	5.8	1.1	0.2
		.069	.394							.276	.008	.150	.114	.228	.044	.007
	07	2.0	10.0	MB-07TH200MM-10R	*	*	*	*	*	7	0.3	3.8	2.8	5.8	1.3	0.2
		.079	.394							.276	.010	.150	.108	.228	.051	.009
	07	2.5	10.0	MB-07TH250MM-10R	*	*	*	*	*	7	0.3	3.8	2.6	5.8	1.6	0.3
		.098	.394							.276	.012	.150	.100	.228	.064	.011

Internal left-hand threads

	CZC _{MS}	TP	DMIN ₁	Ordering code	P	M	N	S	H	Dimensions, mm, inch						
					1025	1025	1025	1025	7015	DCON _{MS}	CF	LPR	LF	WF	HA	HB
	07	0.5	10.0	MB-07TH050MM-10L	*	*	*	*	*	7	0.1	3.8	3.4	5.8	0.5	0.1
		.020	.394							.276	.002	.150	.134	.228	.018	.002
	07	1.0	10.0	MB-07TH100MM-10L	*	*	*	*	*	7	0.1	3.8	3.2	5.8	0.9	0.1
		.039	.394							.276	.005	.150	.126	.228	.035	.004
	07	1.5	10.0	MB-07TH150MM-10L	*	*	*	*	*	7	0.2	3.8	3.0	5.8	1.4	0.2
		.059	.394							.276	.007	.150	.118	.228	.054	.006
	07	1.8	10.0	MB-07TH175MM-10L	*	*	*	*	*	7	0.2	3.8	2.9	5.8	1.1	0.2
		.069	.394							.276	.008	.150	.114	.228	.044	.007
	07	2.0	10.0	MB-07TH200MM-10L	*	*	*	*	*	7	0.3	3.8	2.8	5.8	1.3	0.2
		.079	.394							.276	.010	.150	.108	.228	.051	.009
	07	2.5	10.0	MB-07TH250MM-10L	*	*	*	*	*	7	0.3	3.8	2.6	5.8	1.6	0.3
		.098	.394							.276	.012	.150	.100	.228	.064	.011

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand



F2



B188



C111



H37



H25

A

THREAD TURNING

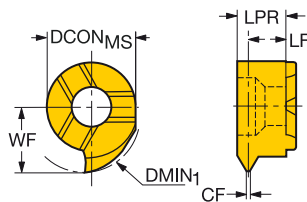
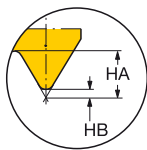
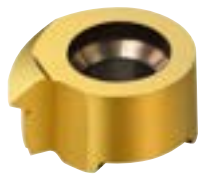
Cutting tools

CoroCut® MB solid-carbide head for thread turning

UN 60° Topping

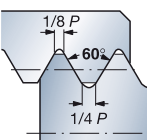
TCTR
STDNO 2B
ISO 5864-1978

B



C

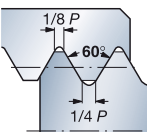
Internal right-hand threads

	CZC _{MS}	TPI	DMIN ₁	Ordering code	P	M	N	S	Dimensions, mm, inch							
					1025	1025	1025	1025	DCON _{MS}	CF	LPR	LF	WF	HA	HB	
	07	32.0	10.0	MB-07TH320UN-10R	★	★	★	★	7	0.1	3.8	3.4	5.8	0.9	0.1	
			.394						.276	.004	.150	.134	.228	.035	.004	
	07	28.0	10.0	MB-07TH280UN-10R	★	★	★	★	7	0.1	3.8	3.4	5.8	0.9	0.1	
			.394						.276	.004	.150	.134	.228	.035	.004	
	07	24.0	10.0	MB-07TH240UN-10R	★	★	★	★	7	0.1	3.8	3.3	5.8	1.0	0.1	
			.394						.276	.005	.150	.130	.228	.040	.004	
	07	20.0	10.0	MB-07TH200UN-10R	★	★	★	★	7	0.2	3.8	3.2	5.8	1.1	0.1	
			.394						.276	.006	.150	.126	.228	.044	.005	
	07	18.0	10.0	MB-07TH180UN-10R	★	★	★	★	7	0.2	3.8	3.2	5.8	1.3	0.2	
			.394						.276	.007	.150	.126	.228	.049	.006	
	07	16.0	10.0	MB-07TH160UN-10R	★	★	★	★	7	0.2	3.8	3.1	5.8	1.4	0.2	
			.394						.276	.007	.150	.122	.228	.054	.006	
	07	14.0	10.0	MB-07TH140UN-10R	★	★	★	★	7	0.2	3.8	3.2	5.8	1.6	0.2	
			.394						.276	.009	.150	.126	.228	.063	.007	

D

E

Internal left-hand threads

					P	M	N	S	Dimensions, mm, inch							
	CZC _{MS}	TPI	DMIN ₁	Ordering code	1025	1025	1025	1025	DCON _{MS}	CF	LPR	LF	WF	HA	HB	
07	28.0	10.0	MB-07TH280UN-10L	★	★	★	★	7	0.1	3.8	3.4	5.8	0.9	0.1		
		.394							.276	.004	.150	.134	.228	.035	.004	
07	24.0	10.0	MB-07TH240UN-10L	★	★	★	★	7	0.1	3.8	3.3	5.8	1.0	0.1		
		.394							.276	.005	.150	.130	.228	.040	.004	
07	20.0	10.0	MB-07TH200UN-10L	★	★	★	★	7	0.2	3.7	3.2	5.8	1.1	0.1		
		.394							.276	.006	.146	.126	.228	.044	.005	
07	18.0	10.0	MB-07TH180UN-10L	★	★	★	★	7	0.2	3.8	3.2	5.8	1.3	0.2		
		.394							.276	.007	.150	.126	.228	.049	.006	
07	16.0	10.0	MB-07TH160UN-10L	★	★	★	★	7	0.2	3.8	3.1	5.8	1.4	0.2		
		.394							.276	.007	.150	.122	.228	.054	.006	
07	14.0	10.0	MB-07TH140UN-10L	★	★	★	★	7	0.2	3.8	3.2	5.8	1.6	0.2		
		.394							.276	.009	.150	.126	.228	.063	.007	

F

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand

G

H



F2



B188



C111



H37



H25

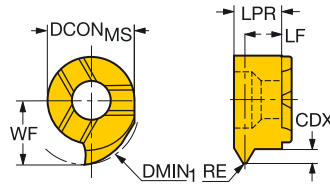
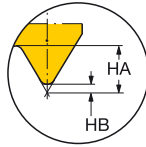
C 90

SANDVIK
Coromant

CoroCut® MB solid-carbide head for thread turning

Whitworth 55° (BSW, BSF, BSP) Topping

TCTR CLASS A
STDNO ISO 228-1982
STDNO BS 2779-1973
STDNO BS 84-1956



Internal right-hand threads

					P M N S				Dimensions, mm, inch					
	CZC _{MS}	TPI	DMIN ₁	RE	Ordering code	1025	1025	1025	DCON _{MS}	LPR	LF	WF	HA	HB
	07	19.0	10.0	0.180	MB-07TH190WH-10R	★	★	★	7	3.8	2.8	5.8	1.1	0.2
			.394	.007					.276	.150	.110	.228	.042	.008
	07	14.0	10.0	0.240	MB-07TH140WH-10R	★	★	★	7	3.8	2.6	5.8	1.4	0.3
			.394	.009					.276	.150	.102	.228	.057	.011
	07	11.0	10.0	0.310	MB-07TH110WH-10R	★	★	★	7	3.8	2.3	5.8	1.8	0.4
			.394	.012					.276	.150	.091	.228	.072	.014

Internal left-hand threads

					P M N S				Dimensions, mm, inch					
	CZC _{MS}	TPI	DMIN ₁	RE	Ordering code	1025	1025	1025	DCON _{MS}	LPR	LF	WF	HA	HB
	07	19.0	10.0	0.180	MB-07TH190WH-10L	★	★	★	7	3.8	2.8	5.8	1.1	0.2
			.394	.007					.276	.150	.110	.228	.042	.008
	07	14.0	10.0	0.240	MB-07TH140WH-10L	★	★	★	7	3.8	2.6	5.8	1.4	0.3
			.394	.009					.276	.150	.102	.228	.057	.011
	07	11.0	10.0	0.310	MB-07TH110WH-10L	★	★	★	7	3.8	2.3	5.8	1.8	0.4
			.394	.012					.276	.150	.091	.228	.072	.014

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand



F2



B188



C111



H37



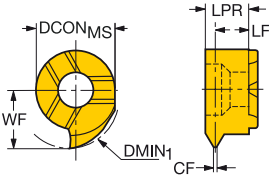
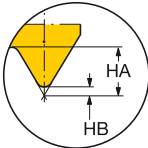
H25

CoroCut® MB solid-carbide head for thread turning

NPT 60° (NPSC, NPTR, LINE PIPE) Full form

STDNO

ANSI B.1.20.1-1983



C

Internal right-hand threads

					P	M	N	S	Dimensions, mm, inch					
					1025	1025	1025	1025	DCON _{MS}	LPR	LF	WF	HA	HB
	CZC _{MS}	TPI	DMIN ₁	RE	Ordering code									
	07	18.0	10.0	0.050	MB-07TH180NT-10R	★	★	★	7	3.8	2.9	5.8	1.4	0.0
			.394	.002					.276	.150	.114	.228	.057	.002
	07	14.0	10.0	0.070	MB-07TH140NT-10R	★	★	★	7	3.8	2.7	5.8	1.5	0.1
			.394	.003					.276	.150	.106	.228	.061	.002

D

Internal left-hand threads

					P	M	N	S	Dimensions, mm, inch					
					1025	1025	1025	1025	DCON _{MS}	LPR	LF	WF	HA	HB
	CZC _{MS}	TPI	DMIN ₁	RE	Ordering code									
	07	18.0	10.0	0.050	MB-07TH180NT-10L	★	★	★	7	3.8	2.9	5.8	1.4	0.0
			.394	.002					.276	.150	.114	.228	.057	.002
	07	14.0	10.0	0.070	MB-07TH140NT-10L	★	★	★	7	3.8	2.7	5.8	1.5	0.1
			.394	.003					.276	.150	.106	.228	.061	.002

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand, L = Left hand

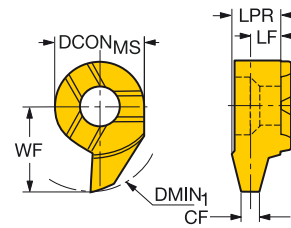
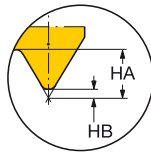
G

CoroCut® MB solid-carbide head for thread turning

ACME 29° partial profile

TCTR
STDNO

2G
ANSI B1.5-1988



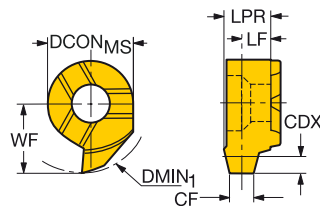
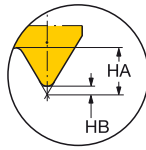
Internal right-hand threads

	CZC _{MS}	TPI	DMIN ₁	Ordering code	P M N S				Dimensions, mm, inch						
					1025	1025	1025	1025	DCON _{MS}	CF	LPR	LF	WF	HA	HB
	07	16.0	11.0	MB-07TH160AC-11R	★	★	★	★	7	0.5	3.9	3.3	6.8	2.1	1.0
			.433						.276	.020	.154	.130	.268	.081	.040
	07	14.0	11.0	MB-07TH140AC-11R	★	★	★	★	7	0.6	3.9	3.2	6.8	2.3	1.2
			.433						.276	.024	.154	.126	.268	.092	.046
	07	12.0	11.0	MB-07TH120AC-11R	★	★	★	★	7	0.7	3.9	3.1	6.8	2.7	1.4
			.433						.276	.028	.154	.122	.268	.106	.054
	07	10.0	11.0	MB-07TH100AC-11R	★	★	★	★	7	0.8	3.9	3.0	6.8	3.3	1.6
			.433						.276	.031	.154	.118	.268	.131	.061
	07	8.0	11.0	MB-07TH080AC-11R	★	★	★	★	7	1.0	3.9	2.8	6.8	4.1	2.0
			.433						.276	.041	.154	.110	.268	.161	.078

STUB-ACME 29° partial profile

TCTR
STDNO

2G
ANSI B1.8-1988



Internal right-hand threads

	CZC _{MS}	TPI	DMIN ₁	Ordering code	P M N S				Dimensions, mm, inch						
					1025	1025	1025	1025	DCON _{MS}	CF	LPR	LF	WF	HA	HB
	07	16.0	10.0	MB-07TH160SA-10R	★	★	★	★	7	0.6	4.0	3.4	5.8	1.9	1.1
			.394						.276	.023	.157	.132	.228	.074	.045
	07	14.0	10.0	MB-07TH140SA-10R	★	★	★	★	7	0.7	4.0	3.3	5.8	2.2	1.3
			.394						.276	.027	.157	.128	.228	.085	.052
	07	12.0	10.0	MB-07TH120SA-10R	★	★	★	★	7	0.8	4.0	3.2	5.8	2.5	1.6
			.394						.276	.032	.157	.126	.228	.099	.063
	07	10.0	10.0	MB-07TH100SA-10R	★	★	★	★	7	0.9	3.9	3.1	5.8	3.0	1.8
			.394						.276	.037	.154	.120	.228	.118	.071
	07	8.0	10.0	MB-07TH080SA-10R	★	★	★	★	7	1.2	3.7	2.5	5.8	3.7	2.3
			.394						.276	.047	.146	.096	.228	.146	.091

CZC_{MS} to correspond with CZC_{WS} on adapter.

R = Right hand



F2



B188



C111



H37



H25

Cutting speed recommendations, metric values

ISO P								
MC No.	CMC No.	Material	Specific cutting force <i>k</i> _{ct} N/mm ²	Hardness Brinell HB	Grades			
					GC1125 Cutting speed (<i>V</i> _c), m/min	GC1135	GC1020	H13A
P1.1.Z.AN	01.1	Unalloyed steel						
P1.2.Z.AN	01.2	C = 0.1–0.25%	1500	125	230	205	185	160
P1.3.Z.AN	01.3	C = 0.25–0.55%	1600	150	195	170	155	130
		C = 0.55–0.80%	1700	170	180	160	145	125
P2.1.Z.AN	02.1	Low-alloy steel (alloying elements ≤5%)						
P2.1.Z.AN	02.12	Non-hardened	1700	180	155	140	125	115
P2.5.Z.HT	02.2	Ball bearing steel	1800	210	145	125	115	105
P2.5.Z.HT	02.2	Hardened and tempered	1850	275	120	105	95	80
		Hardened and tempered	2050	350	95	85	75	65
P3.0.Z.AN	03.11	High-alloy steel (alloying elements >5%)						
P3.0.Z.HT	03.21	Annealed	1950	200	140	120	110	105
		Hardened tool steel	3000	325	115	100	80	70
P1.5.C.UT	06.1	Steel castings						
P2.6.C.UT	06.2	Unalloyed	1550	180	220	200	180	170
P3.0.C.UT	06.3	Low-alloy (alloying elements ≤5%)	1600	200	150	130	120	95
P3.2.C.AQ	06.33	High-alloy (alloying elements >5%)	2050	225	120	105	95	85
		Manganese steel, 12–14% Mn	2900	250	40	38	35	33
ISO M								
P5.0.Z.AN	05.11	Bars/forged						
P5.0.Z.PH	05.12	Ferritic/martensitic						
P5.0.Z.HT	05.13	Non-hardened	1800	200	160	145	130	90
		PH-hardened	2850	330	115	100	90	70
		Hardened	2350	330	105	95	85	65
M1.0.Z.AQ	05.21	Bars/forged						
M1.0.Z.PH	05.22	Austenitic						
M2.0.Z.AQ	05.23	Austenitic	1800	180	140	130	120	75
		PH-hardened	2850	330	100	90	80	60
		Super austenitic	2250	200	80	75	70	50
M3.1.Z.AQ	05.51	Stainless steel – Bars/forged						
M3.2.Z.AQ	05.52	Austenitic-ferritic (Duplex)						
		Non-weldable ≥ 0.05%C	2000	230	110	100	90	-
		Weldable < 0.05%C	2450	260	90	80	70	-
P5.0.C.UT	15.11	Stainless steel – Cast						
	15.12	Ferritic/martensitic						
P5.0.C.HT	15.13	Non-hardened	1700	200	120	100	90	90
		PH-hardened	2450	330	90	80	70	55
		Hardened	2150	330	70	65	60	50
M1.0.C.UT	15.21	Stainless steel – Cast						
	15.22	Austenitic						
M2.0.C.AQ	15.23	Austenitic	1700	180	120	110	100	80
		PH-hardened	2450	330	70	65	60	50
			2150	200	90	80	70	40
M3.1.C.AQ	15.51	Stainless steel – Cast						
M3.2.C.AQ	15.52	Austenitic-ferritic (Duplex)						
		Non-weldable ≥ 0.05%C	1800	230	100	95	85	-
		Weldable < 0.05%C	2250	260	75	70	65	-
ISO K								
K1.1.C.NS	07.1	Malleable cast iron						
	07.2	Ferritic (short chipping)	790	130	170	150	135	95
		Pearlitic (long chipping)	900	230	125	110	100	70
K2.1.C.UT	08.1	Gray cast iron						
K2.2.C.UT	08.2	Low tensile strength	890	180	160	140	130	85
		High tensile strength	970	220	140	130	120	80
K3.1.C.UT	09.1	Nodular SG iron						
K3.3.C.UT	09.2	Ferritic	900	160	140	135	125	110
K3.4.C.UT	09.3	Pearlitic	1350	250	110	100	90	80
		Martensitic	2100	380	80	75	65	60
ISO N								
N1.2.Z.UT	30.11	Aluminum alloys						
N1.2.Z.AG	30.12	Wrought/wrought and						
		+ cold-worked, non-aging	400	60	500	500	500	500
		Aged	650	100	500	500	500	450
N1.3.C.UT	30.21	Aluminum alloys						
N1.3.C.AG	30.22	Cast, non-aging	600	75	500	500	455	425
	30.41	Cast or cast and aged	700	90	400	325	280	250
		Cast Si 13-15%	700	130	300	270	245	210
N1.4.C.NS	30.42	Cast Si 16-22%	700	130	300	270	245	210
N3.3.U.UT	33.1	Copper and copper alloys						
N3.2.C.UT	33.2	Free cutting alloys, ≥1% Pb	550	110	500	460	420	370
N3.1.U.UT	33.3	Brass, leaded bronzes, ≤1% Pb	550	90	300	270	245	210
		Bronze and non-lead copper incl. electrolytic copper	1350	100	210	190	175	150

Cutting speed recommendations, metric values

ISO S									
MC No.	CMC No.	Material	Specific cutting force k_{c1} N/mm ²	Hardness Brinell HB	Grades				
					GC1125	GC1135	GC1020	H13A	CB7015
					Cutting speed (V_c), m/min				
		Heat resistant alloys							
		Iron base							
S1.0.U.AN	20.11	Annealed	2400	200	55	50	45	45	-
S1.0.U.AG	20.12	Aged	2500	280	35	35	30	30	-
		Nickel base							
S2.0.Z.AN	20.21	Annealed	2650	250	25	25	20	19	-
S2.0.Z.AG	20.22	Aged	2900	350	15	15	13	13	-
S2.0.C.NS	20.24	Cast	3000	320	13	13	10	11	-
		Cobalt base							
S3.0.Z.AN	20.31	Annealed	2700	200	30	30	25	22	-
S3.0.Z.AG	20.32	Aged	3000	300	20	18	15	14	-
S3.0.C.NS	20.33	Cast	3100	320	20	18	15	15	-
		Titanium alloys							
S4.1.Z.UT	23.1	Commercial pure (99.5% Ti)	1300	400 Rm	170	160	140	120	-
S4.2.Z.AN	23.21	α , near α and $\alpha + \beta$ alloys, annealed	1400	950 Rm	70	65	60	50	-
S4.3.Z.AG	23.22	$\alpha + \beta$ alloys in aged conditions, β alloys, annealed or aged	1400	1050 Rm	60	55	50	40	-
ISO H									
		Extra hard steel							
H1.1.Z.HA	04.1	Hardened and tempered	2750	47 HRC	60	50	50	-	130
H1.3.Z.HA	04.1		4300	60 HRC	39	32	32	-	130
		Chilled cast iron							
H2.0.C.UT	10.1	Cast or cast and aged	2250	400	45	40	35	50	-

A

Cutting speed recommendations, inch values

ISO P								
MC No.	CMC No.	Material	Specific cutting force k_{c1} lbs/in ²	Hardness Brinell HB	Grades			
					GC1125	GC1135	GC1020	H13A
					Cutting speed (V_c) ft/min			
P1.1.Z.AN	01.1	Unalloyed steel						
P1.2.Z.AN	01.2	C = 0.1 - 0.25%	216,500	125	760	670	610	520
P1.3.Z.AN	01.3	C = 0.25 - 0.55%	233,000	150	640	560	510	430
		C = 0.55 - 0.80%	247,000	170	590	530	475	410
P2.1.Z.AN	02.1	Low-alloy steel (alloying elements ≤5%) Non-hardened	249,500	180	510	460	405	380
P2.1.Z.AN	02.12	Ball bearing steel	259,500	210	475	410	375	-
P2.5.Z.HT	02.2	Hardened and tempered	268,000	275	385	350	310	270
P2.5.Z.HT	02.2	Hardened and tempered	298,000	350	310	280	250	220
P3.0.Z.AN	03.11	High-alloy steel (alloying elements >5%) Annealed	282,000	200	460	395	360	345
P3.0.Z.HT	03.21	Hardened tool steel	435,500	325	375	320	270	230
P1.5.C.UT	06.1	Steel castings Unalloyed	225,000	180	730	660	590	560
P2.6.C.UT	06.2	Low-alloy (alloying elements ≤5%)	230,500	200	490	425	395	305
P3.0.C.UT	06.3	High-alloy (alloying elements >5%)	300,500	225	395	345	310	285
P3.2.C.AQ	06.33	Manganese steel, 12–14% Mn	420,500	250	130	125	115	105
ISO M								
P5.0.Z.AN	05.11	Bars/forged Ferritic/martensitic Non-hardened	262,000	200	520	475	425	295
P5.0.Z.PH	05.12	PH-hardened	411,500	330	375	330	295	235
P5.0.Z.HT	05.13	Hardened	340,000	330	345	310	280	215
M1.0.Z.AQ	05.21	Bars/forged Austenitic Austenitic	259,000	180	460	425	395	250
M1.0.Z.PH	05.22	PH-hardened	414,000	330	330	295	260	190
M2.0.Z.AQ	05.23	Super austenitic	328,000	200	260	245	230	170
M3.1.Z.AQ	05.51	Stainless steel – Bars/forged Austenitic-ferritic (Duplex) Non-weldable ≥ 0.05%C	286,500	230	360	330	295	-
M3.2.Z.AQ	05.52	Weldable < 0.05%C	356,500	260	295	265	230	-
P5.0.C.UT	15.11	Stainless steel – Cast Ferritic/martensitic Non-hardened	246,500	200	395	330	295	300
	15.12	PH-hardened	354,500	330	295	265	230	-
P5.0.C.HT	15.13	Hardened	311,000	330	230	215	195	160
M1.0.C.UT	15.21	Stainless steel – Cast Austenitic-ferritic (Duplex) Austenitic	248,000	180	395	360	325	265
	15.22	PH-hardened	356,000	330	230	215	200	165
M2.0.C.AQ	15.23	Super austenitic	310,500	200	295	265	230	-
M3.1.C.AQ	15.51	Non-weldable ≥ 0.05%C	258,000	230	330	310	280	-
M3.2.C.AQ	15.52	Weldable < 0.05%C	326,500	260	245	230	210	-
ISO K								
K1.1.C.NS	07.1	Malleable cast iron Ferritic (short chipping)	115,000	130	560	490	440	315
	07.2	Pearlitic (long chipping)	131,000	230	410	360	325	230
K2.1.C.UT	08.1	Gray cast iron Low tensile strength	130,000	180	520	460	425	285
K2.2.C.UT	08.2	High tensile strength	140,500	220	460	425	390	265
K3.1.C.UT	09.1	Nodular SG iron Ferritic	130,000	160	460	450	410	355
K3.3.C.UT	09.2	Pearlitic	194,500	250	360	330	290	260
K3.4.C.UT	09.3	Martensitic	307,000	380	260	245	220	195

G

H

Cutting speed recommendations, inch values

ISO N									
MC No.	CMC No.		Specific cutting force k_{c1}	Hardness Brinell	Grades				
			Material	lbs/in ²	GC1125 HB	GC1135 Cutting speed (V_c) ft/min	GC1020	H13A	CB7015
N1.2.Z.UT N1.2.Z.AG	30.11 30.12	Aluminum alloys Wrought/wrought and + cold-worked, non-aging Aged	58,000 94,500	60 100	1650 1650	1650 1650	1650 1650	1650 1450	
N1.3.C.UT N1.3.C.AG	30.21 30.22	Aluminum alloys Cast, non-aging Cast or cast and aged	87,000 101,500	75 90	1650 1300	1650 1050	1500 920	1400 820	
N1.4.C.NS	30.41 30.42	Aluminum alloys Cast Si 13-15% Cast Si 16-22%	101,500 101,500	130 130	980 980	890 890	800 800	690 690	
N3.3.U.UT N3.2.C.UT N3.1.U.UT	33.1 33.2 33.3	Copper and copper alloys Free cutting alloys, $\geq 1\%$ Pb Brass, leaded bronzes, $\leq 1\%$ Pb Bronze and non-leaded copper incl. electrolytic copper	79,500 80,000 196,000	110 90 100	1650 980 690	1500 890 620	1400 800 570	1200 690 490	
ISO S									
S1.0.U.AN S1.0.U.AG	20.11 20.12	Heat resistant super alloys Iron base Annealed or solution treated Aged or solution treated and aged	348,000 359,000	200 280	180 115	165 115	145 100	145 100	
S2.0.Z.AN S2.0.Z.AG	20.21 20.22	Nickel base Annealed or solution treated Aged or solution treated and aged	383,000 420,500	250 350	80 50	80 50	65 45	60 45	
S2.0.C.NS	20.24	Cast or cast and aged	436,500	320	45	45	33	35	
S3.0.Z.AN S3.0.Z.AG S3.0.C.NS	20.31 20.32 20.33	Cobalt base Annealed or solution treated Solution treated and aged Cast or cast and aged	391,500 432,000 450,500	200 300 320	100 65 65	100 60 60	80 50 50	70 45 50	
S4.1.Z.UT S4.2.Z.AN S4.3.Z.AG	23.1 23.21 23.22	Titanium alloys Commercial pure (99.5% Ti) α , near α and $\alpha + \beta$ alloys, annealed α , near α and $\alpha + \beta$ alloys, annealed $\alpha + \beta$ alloys in aged cond, β alloys, annealed or aged	188,500 203,000 203,000	400 Rm 950 Rm 1050 Rm	560 230 195	520 215 180	460 195 165	395 - -	
ISO H									
H1.1.Z.HA H1.3.Z.HA	04.1 04.1	Extra hard steel Hardened and tempered Hardened and tempered	397,000 625,500	47 HRC 60 HRC	200 125	165 105	165 105	- -	420 420
H2.0.C.UT	10.1	Chilled cast iron Cast or cast and aged	326,500	400	150	130	115	170	-

CoroThread® 266

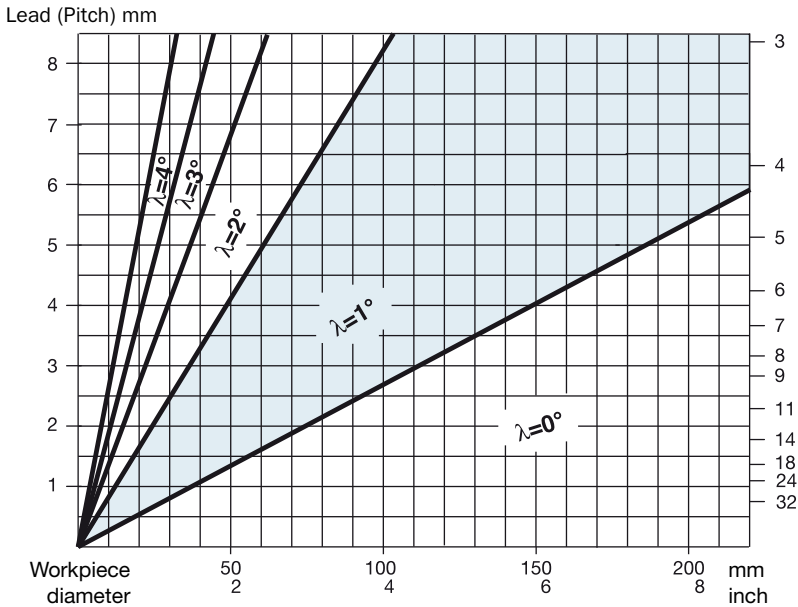
The angle of inclination is calculated by using the formula:

B

$$\lambda = \tan^{-1} \left(\frac{P}{d_2 \times \pi} \right)$$

P = Pitch = 1/TPI
 d_2 = Effective diameter of thread

λ = Angle of inclination



D

Pitch range	Insert size	Inclination angle	Shims	
				
mm (TPI)	 iC		For right hand external tool For left hand internal tool	For left hand external tool For right hand internal tool
0.5-3.0 (32-6)	16 3/8	-2° -1° 0° 1° 2° 3° 4°	5322 389-22 5322 389-21 5322 389-10 5322 389-11 ¹⁾ 5322 389-12 5322 389-13 5322 389-14	5322 390-22 5322 390-21 5322 390-10 5322 390-11 ¹⁾ 5322 390-12 5322 390-13 5322 390-14
2.5-7.0 (11.5-4)	22 1/2	-2° -1° 0° 1° 2° 3° 4°	5322 379-22 5322 379-21 5322 379-10 5322 379-11 ¹⁾ 5322 379-12 5322 379-13 5322 379-14	5322 380-22 5322 380-21 5322 380-10 5322 380-11 ¹⁾ 5322 380-12 5322 380-13 5322 380-14
8.0 (5-3)	27 5/8	0° 1° 2° 3° 4°	5322 387-10 5322 387-11 ¹⁾ 5322 387-12 5322 387-13 5322 387-14	5322 388-10 5322 388-11 ¹⁾ 5322 388-12 5322 388-13 5322 388-14

E

F

Pitch range	Insert size	Inclination angle	Shims for holders 266R/LFA	
				
mm (TPI)	 iC		For right hand external tool For left hand internal tool	For left hand external tool For right hand internal tool
0.5-3.0 (32-6)	16 3/8	-2° -1° 0° 1° 2° 3° 4°	5322 391-22 5322 391-21 5322 391-10 5322 391-11 ¹⁾ 5322 391-12 5322 391-13 5322 391-14	5322 392-22 5322 392-21 5322 392-10 5322 392-11 ¹⁾ 5322 392-12 5322 392-13 5322 392-14
2.5-7.0 (11.5-4)	22 1/2	0° 1° 2° 3° 4°	5322 393-10 5322 393-11 ¹⁾ 5322 393-12 5322 393-13 5322 393-14	5322 394-10 5322 394-11 ¹⁾ 5322 394-12 5322 394-13 5322 394-14

¹⁾ Delivered with the tool.

G

Note!
The last two figures in the shim code indicate + or - and the effective inclination angle with the shim mounted in the holder, e.g., 5322 379-11 = angle + 1° and 5322 379-21 = angle - 1°.

CoroThread® 266

TPI	Inclination angle				
	4°	3°	2° (-2°)	1° (-1°)	0°
	Thread diameter, inch				
32	<.16	.16-.23	.23-.38	.38-1.14	>1.14
28	<.16	.16-.26	.26-.43	.43-1.30	>1.30
24	<.22	.22-.30	.30-.51	.51-1.52	>1.52
20	<.26	.26-.36	.36-.61	.61-1.82	>1.82
18	<.29	.29-.40	.40-.68	.68-2.03	>2.03
16	<.33	.33-.46	.46-.76	.76-2.28	>2.28
14	<.37	.37-.52	.52-.87	.87-2.61	>2.61
13	<.40	.40-.56	.56-.94	.94-2.81	>2.81
12	<.43	.43-.61	.61-1.01	1.01-3.04	>3.04
11	<.47	.47-.66	.66-1.11	1.11-3.32	>3.32
10	<.52	.52-.73	.73-1.22	1.22-3.65	>3.65
9	<.58	.58-.81	.81-1.35	1.35-4.05	>4.05
8	<.65	.65-.91	.91-1.52	1.52-4.56	>4.56
7	<.74	.74-1.04	1.04-1.74	1.74-5.21	>5.21
6	<.87	.87-1.22	1.22-2.03	2.03-6.08	>6.08
5	<1.04	1.04-1.46	1.46-2.43	2.43-7.30	>7.30
4	<1.30	1.30-1.82	1.82-3.04	3.04-9.12	>9.12
3	<1.74	1.74-2.43	2.43-4.05	4.05-12.15	>12.15

Pitch, mm	Inclination angle				
	4°	3°	2° (-2°)	1° (-1°)	0°
	Thread diameter, inch				
0.50	<.10	.10-.14	.14-.72	.24-.72	>.72
0.75	<.15	.15-.22	.22-.36	.36-1.08	>1.08
1.00	<.20	.20-.29	.29-.48	.48-1.44	>1.44
1.25	<.26	.26-.36	.36-.60	.60-1.80	>1.80
1.50	<.31	.31-.43	.43-.72	.72-2.15	>2.15
1.75	<.36	.36-.50	.50-.84	.84-2.51	>2.51
2.00	<.41	.41-.57	.57-.96	.96-2.87	>2.87
2.50	<.51	.51-.72	.72-1.20	1.20-3.59	>3.59
3.00	<.62	.62-.86	.86-1.44	1.44-4.31	>4.31
3.50	<.72	.72-1.00	1.00-1.68	1.68-5.03	>5.03
4.00	<.82	.82-1.15	1.15-1.92	1.92-5.74	>5.74
4.50	<.92	.92-1.29	1.29-2.15	2.15-6.46	>6.46
5.00	<1.02	1.02-1.44	1.44-2.39	2.39-7.18	>7.18
5.50	<1.13	1.13-1.58	1.58-2.63	2.63-7.90	>7.90
6.00	<1.23	1.23-1.72	1.72-2.87	2.87-8.62	>8.62
7.00	<1.26	1.26-2.00	2.00-3.35	3.35-10.04	>10.04
8.00	<1.64	1.64-2.30	2.30-3.83	3.83-11.84	>11.84

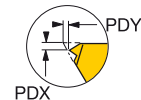
The angle of inclination is calculated by using the formula:

$$\lambda = \tan^{-1} \left(\frac{P}{d_2 \times \pi} \right)$$

P = Pitch = 1/TPI

d_2 = Effective diameter of thread

λ = Angle of inclination



Metric version

ISO Metric (MM), external

	PDY PDX	Pitch, mm														
		0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
		1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.67	1.67	1.67	1.38	1.08	0.88
No. of infeeds		0.50	0.50	0.80	0.80	1.00	1.20	1.40	1.40	1.80	2.50	2.50	2.50	2.50	2.50	2.80
		Radial infeed per pass														
1		0.10	0.16	0.16	0.17	0.20	0.17	0.20	0.20	0.20	0.24	0.24	0.27	0.29	0.27	0.30
2		0.09	0.15	0.15	0.15	0.19	0.17	0.19	0.19	0.19	0.23	0.22	0.25	0.28	0.26	0.29
3		0.08	0.12	0.14	0.14	0.18	0.16	0.18	0.18	0.19	0.22	0.22	0.24	0.27	0.26	0.29
4		0.07	0.07	0.12	0.13	0.16	0.15	0.17	0.17	0.18	0.21	0.21	0.23	0.26	0.25	0.28
5				0.08	0.12	0.14	0.14	0.16	0.17	0.17	0.21	0.21	0.23	0.25	0.25	0.27
6					0.08	0.12	0.13	0.15	0.16	0.17	0.20	0.20	0.22	0.25	0.24	0.26
7							0.11	0.13	0.15	0.16	0.18	0.19	0.21	0.24	0.23	0.26
8							0.08	0.08	0.14	0.15	0.17	0.18	0.20	0.23	0.23	0.25
9									0.12	0.14	0.16	0.17	0.19	0.22	0.22	0.24
10									0.08	0.13	0.15	0.16	0.18	0.20	0.21	0.23
11										0.12	0.13	0.15	0.17	0.19	0.20	0.22
12										0.08	0.08	0.14	0.16	0.17	0.19	0.20
13												0.12	0.14	0.15	0.18	0.19
14												0.08	0.10	0.10	0.16	0.17
15															0.14	0.15
16															0.10	0.10
Total infeed		0.34	0.50	0.65	0.79	0.95	1.11	1.26	1.56	1.88	2.18	2.49	2.79	3.10	3.39	3.70

ISO Metric (MM), internal

	PDY PDX	Pitch, mm														
		0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
		1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.64	1.64	1.64	1.35	1.06	0.87
		0.50	0.50	0.80	0.80	1.00	1.20	1.40	1.40	1.80	2.50	2.50	2.50	2.50	2.50	2.40
No. of infeeds		Radial infeed per pass														
1		0.10	0.15	0.15	0.16	0.20	0.16	0.19	0.19	0.19	0.22	0.24	0.23	0.26	0.25	0.28
2		0.09	0.14	0.14	0.15	0.18	0.15	0.18	0.18	0.18	0.21	0.22	0.23	0.26	0.25	0.27
3		0.08	0.12	0.13	0.14	0.17	0.15	0.17	0.17	0.18	0.20	0.22	0.22	0.25	0.24	0.26
4		0.07	0.07	0.12	0.13	0.15	0.14	0.16	0.17	0.17	0.20	0.21	0.22	0.24	0.24	0.26
5				0.08	0.11	0.13	0.13	0.15	0.16	0.16	0.19	0.21	0.21	0.24	0.23	0.26
6					0.08	0.08	0.12	0.14	0.15	0.16	0.18	0.20	0.20	0.23	0.22	0.24
7							0.11	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.22	0.24
8							0.08	0.08	0.13	0.14	0.16	0.18	0.19	0.21	0.22	0.23
9									0.12	0.14	0.15	0.17	0.18	0.20	0.20	0.22
10									0.08	0.12	0.14	0.16	0.17	0.19	0.20	0.21
11										0.11	0.12	0.15	0.16	0.18	0.19	0.20
12										0.08	0.08	0.14	0.15	0.16	0.18	0.19
13												0.12	0.14	0.15	0.17	0.18
14												0.08	0.10	0.10	0.16	0.16
15															0.14	0.15
16															0.10	0.10
Total infeed		0.34	0.48	0.63	0.77	0.92	1.05	1.20	1.48	1.78	2.03	2.31	2.61	2.88	3.19	3.44

ISO inch (UN), external

	Pitch, mm																		
	32	28	24	20	18	16	14	13	12	11	10	9	8	7	6	5	4.5	4	
	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.67	1.67	1.38	1.09	0.79	
PDY	0.50	0.80	0.80	0.80	1.00	1.00	1.20	1.32	1.40	1.40	1.40	1.40	1.80	1.80	2.50	2.50	2.50	2.65	2.90
PDX																			
No. of infeeds	Radial infeed per pass																		
1	0.17	0.15	0.18	0.18	0.20	0.19	0.18	0.18	0.20	0.22	0.21	0.21	0.22	0.25	0.24	0.29	0.28	0.32	
2	0.16	0.14	0.16	0.17	0.18	0.18	0.18	0.18	0.19	0.21	0.20	0.20	0.20	0.21	0.24	0.23	0.29	0.28	0.32
3	0.13	0.13	0.15	0.15	0.17	0.17	0.17	0.17	0.18	0.20	0.19	0.19	0.19	0.20	0.23	0.23	0.28	0.27	0.31
4	0.08	0.11	0.13	0.14	0.15	0.16	0.16	0.16	0.17	0.19	0.18	0.18	0.19	0.20	0.22	0.22	0.27	0.26	0.30
5		0.08	0.08	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.17	0.18	0.19	0.21	0.21	0.21	0.26	0.26	0.29
6				0.08	0.08	0.12	0.14	0.14	0.15	0.16	0.16	0.17	0.18	0.20	0.21	0.21	0.25	0.25	0.28
7						0.08	0.12	0.12	0.13	0.15	0.15	0.16	0.17	0.19	0.20	0.24	0.24	0.27	
8							0.08	0.08	0.08	0.13	0.14	0.15	0.16	0.18	0.19	0.23	0.23	0.26	
9										0.08	0.12	0.14	0.15	0.17	0.18	0.22	0.22	0.25	
10											0.08	0.12	0.14	0.15	0.17	0.21	0.22	0.24	
11												0.08	0.12	0.14	0.15	0.17	0.21	0.22	0.24
12													0.08	0.12	0.13	0.16	0.19	0.21	0.23
13														0.08	0.08	0.15	0.18	0.19	0.22
14																0.14	0.15	0.18	0.20
15																0.10	0.10	0.17	0.18
16																		0.15	0.16
Total infeed	0.54	0.60	0.70	0.84	0.92	1.04	1.17	1.24	1.35	1.47	1.62	1.79	2.02	2.26	2.64	3.17	3.51	3.94	



Inch version

ISO Metric (MM), external

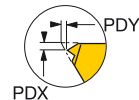
	PDY PDX	Pitch, mm														
		0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
		.052	.052	.052	.052	.052	.052	.052	.052	.052	.066	.066	.066	.054	.043	.035
No. of infeeds		.020	.020	.031	.031	.039	.047	.055	.055	.071	.098	.098	.098	.098	.098	.110
		Radial infeed per pass														
1		.004	.006	.006	.007	.008	.007	.008	.008	.008	.009	.009	.011	.011	.011	.012
2		.004	.006	.006	.006	.007	.007	.007	.007	.007	.009	.009	.010	.011	.010	.011
3		.003	.005	.006	.006	.007	.006	.007	.007	.007	.009	.009	.009	.011	.010	.011
4		.003	.003	.005	.005	.006	.006	.007	.007	.007	.008	.008	.009	.010	.010	.011
5				.003	.005	.006	.006	.006	.007	.007	.008	.008	.009	.010	.010	.011
6					.003	.003	.005	.006	.006	.007	.008	.008	.009	.010	.009	.010
7							.004	.005	.006	.006	.007	.007	.008	.009	.009	.010
8							.003	.003	.006	.006	.007	.007	.008	.009	.009	.010
9									.005	.006	.006	.007	.007	.009	.009	.009
10									.003	.005	.006	.006	.007	.008	.008	.009
11										.005	.005	.006	.007	.007	.008	.009
12										.003	.003	.006	.006	.007	.007	.008
13												.005	.006	.006	.007	.007
14												.003	.004	.004	.006	.007
15															.006	.006
16															.004	.004
Total infeed		.013	.020	.026	.031	.037	.044	.050	.061	.074	.086	.098	.110	.122	.133	.146

ISO Metric (MM), internal

	PDY PDX	Pitch, mm														
		0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
		.051	.051	.051	.051	.051	.051	.051	.051	.051	.065	.065	.065	.053	.042	.034
		.020	.020	.031	.031	.039	.047	.055	.055	.071	.098	.098	.098	.098	.098	.094
No. of infeeds	Radial infeed per pass															
1	.004	.006	.006	.006	.008	.006	.007	.007	.007	.007	.009	.009	.009	.010	.010	.011
2	.004	.006	.006	.006	.007	.006	.007	.007	.007	.007	.008	.009	.009	.010	.010	.011
3	.003	.005	.005	.006	.007	.006	.007	.007	.007	.007	.008	.009	.009	.010	.009	.010
4	.003	.003	.005	.005	.006	.006	.006	.007	.007	.007	.008	.008	.009	.009	.009	.010
5			.003	.004	.005	.005	.006	.006	.006	.006	.007	.008	.008	.009	.009	.010
6				.003	.003	.005	.006	.006	.006	.006	.007	.008	.008	.009	.009	.009
7						.004	.005	.006	.006	.007	.007	.008	.009	.009	.009	.009
8						.003	.003	.005	.006	.006	.007	.007	.008	.009	.009	.009
9								.005	.006	.006	.007	.007	.008	.008	.008	.009
10									.003	.005	.006	.006	.007	.007	.008	.008
11										.004	.005	.006	.006	.007	.007	.008
12										.003	.003	.006	.006	.006	.007	.007
13												.005	.006	.006	.007	.007
14												.003	.004	.004	.006	.006
15															.006	.006
16															.004	.004
Total infeed		.013	.019	.025	.030	.036	.041	.047	.058	.070	.080	.091	.103	.113	.126	.135

ISO inch (UN), external

	PDY PDX	Pitch, mm															
		32	28	24	20	18	16	14	13	12	11	10	9	8	7	6	5
		.052	.052	.052	.052	.052	.052	.052	.052	.052	.052	.052	.052	.052	.066	.066	.054
No. of infeeds		.020	.031	.031	.031	.039	.039	.047	.055	.055	.055	.055	.071	.071	.098	.098	.098
		Radial infeed per pass															
1		.007	.006	.007	.007	.008	.007	.007	.008	.009	.008	.008	.008	.009	.010	.009	.011
2		.006	.006	.006	.007	.007	.007	.007	.008	.008	.008	.008	.008	.009	.009	.011	.011
3		.005	.005	.006	.006	.007	.007	.007	.008	.007	.007	.007	.007	.008	.009	.011	.011
4		.003	.004	.005	.006	.006	.006	.006	.007	.007	.007	.007	.007	.008	.009	.011	.010
5			.003	.003	.005	.005	.006	.006	.006	.007	.007	.007	.007	.007	.008	.008	.010
6					.003	.003	.005	.006	.006	.006	.006	.006	.007	.007	.008	.008	.010
7						.003	.005	.005	.005	.006	.006	.006	.006	.007	.007	.008	.009
8							.003	.003	.003	.005	.006	.006	.006	.006	.007	.007	.009
9										.003	.005	.006	.006	.006	.007	.007	.009
10											.003	.005	.006	.006	.007	.008	.009
11												.003	.005	.005	.006	.007	.008
12														.003	.003	.006	.007
13																.006	.006
14																.004	.004
15																	.006
16																	.004
Total infeed		.021	.024	.028	.033	.036	.041	.046	.049	.053	.058	.064	.070	.080	.089	.104	.125



Metric version

ISO inch (UN), internal

	Pitch, mm																		
	32	28	24	20	18	16	14	13	12	11	10	9	8	7	6	5	4.5	4	
	PDY	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.64	1.64	1.35	1.06	0.87	
PDX	0.50	0.80	0.80	0.80	1.00	1.00	1.20	1.40	1.40	1.40	1.40	1.80	1.80	2.50	2.50	2.50	2.50	2.60	
No. of infeeds	Radial infeed per pass																		
1	0.16	0.14	0.16	0.16	0.18	0.17	0.16	0.16	0.18	0.20	0.19	0.19	0.19	0.22	0.21	0.23	0.26	0.25	0.28
2	0.14	0.13	0.15	0.16	0.17	0.16	0.16	0.16	0.16	0.19	0.18	0.18	0.18	0.21	0.21	0.23	0.26	0.25	0.27
3	0.13	0.12	0.14	0.14	0.16	0.15	0.15	0.15	0.15	0.18	0.18	0.17	0.18	0.20	0.20	0.22	0.25	0.24	0.26
4	0.08	0.11	0.12	0.13	0.14	0.14	0.14	0.14	0.17	0.17	0.17	0.17	0.20	0.19	0.22	0.24	0.24	0.24	0.26
5		0.08	0.08	0.12	0.13	0.13	0.14	0.14	0.16	0.16	0.16	0.16	0.19	0.19	0.21	0.24	0.23	0.25	
6				0.08	0.08	0.12	0.13	0.13	0.14	0.15	0.15	0.16	0.18	0.18	0.20	0.23	0.22	0.24	
7						0.08	0.11	0.11	0.13	0.14	0.14	0.15	0.17	0.18	0.20	0.22	0.22	0.24	
8							0.08	0.08	0.08	0.12	0.13	0.14	0.16	0.17	0.19	0.21	0.21	0.23	
9										0.08	0.12	0.14	0.15	0.16	0.18	0.20	0.20	0.22	
10											0.08	0.12	0.14	0.15	0.17	0.19	0.20	0.21	
11												0.11	0.12	0.14	0.16	0.18	0.19	0.20	
12												0.08	0.08	0.13	0.15	0.16	0.18	0.19	
13														0.12	0.14	0.15	0.17	0.18	
14														0.08	0.10	0.10	0.16	0.16	
15																		0.14	0.15
16																		0.10	0.10
Total infeed	0.51	0.58	0.66	0.78	0.86	0.96	1.07	1.15	1.25	1.36	1.48	1.78	2.03	2.31	2.61	2.88	3.19	3.44	

Whitworth (WH), external and internal

External	PDY PDX	Pitch, mm																
		28	26	20	19	18	16	14	12	11	10	9	8	7	6	5	4.5	4
		1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.67	1.67	1.38	0.99
Internal	PDY PDX	0.80	0.80	0.80	0.80	1.00	1.00	1.40	1.40	1.40	1.40	1.80	1.80	2.50	2.50	2.50	2.65	2.75
					1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.64	1.64	1.35	0.96	0.67
					0.80	0.80	1.00	1.20	1.40	1.40	1.40	1.80	1.80	2.50	2.50	2.50	2.65	2.75
No. of infeeds		Radial infeed per pass																
1		0.16	0.17	0.19	0.20	0.17	0.17	0.20	0.23	0.22	0.22	0.22	0.23	0.26	0.25	0.31	0.30	0.34
2		0.15	0.16	0.18	0.18	0.16	0.16	0.19	0.22	0.21	0.21	0.21	0.22	0.26	0.25	0.30	0.29	0.33
3		0.14	0.14	0.16	0.17	0.16	0.15	0.18	0.21	0.20	0.20	0.20	0.21	0.25	0.24	0.29	0.29	0.32
4		0.12	0.13	0.15	0.15	0.15	0.15	0.17	0.19	0.19	0.19	0.20	0.21	0.24	0.23	0.28	0.28	0.31
5		0.08	0.08	0.13	0.13	0.13	0.14	0.16	0.18	0.18	0.18	0.19	0.20	0.23	0.23	0.28	0.27	0.30
6				0.08	0.08	0.12	0.13	0.14	0.16	0.17	0.17	0.18	0.19	0.22	0.22	0.27	0.26	0.29
7						0.08	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.20	0.21	0.25	0.25	0.28
8							0.08	0.08	0.08	0.13	0.15	0.16	0.17	0.19	0.20	0.24	0.25	0.27
9										0.08	0.13	0.14	0.16	0.18	0.19	0.23	0.24	0.26
10											0.08	0.12	0.14	0.16	0.18	0.22	0.23	0.25
11												0.08	0.12	0.14	0.17	0.20	0.22	0.24
12													0.08	0.08	0.16	0.18	0.20	0.22
13															0.14	0.16	0.19	0.21
14															0.10	0.10	0.17	0.19
15																	0.15	0.16
16																	0.10	0.10
Total infeed		0.64	0.68	0.88	0.92	0.97	1.08	1.23	1.42	1.54	1.70	1.87	2.10	2.39	2.78	3.32	3.69	4.06

BSPT (PT), external and internal

	Pitch, mm				
	28	19	14	11	8
	PDY	1.32	1.32	1.32	1.40
	PDX	0.80	0.80	1.20	1.40
Internal	PDY	1.30	1.30	1.30	1.30
	PDX	0.80	0.80	1.20	1.40
No. of infeeds	Radial infeed per pass				
1	0.15	0.19	0.19	0.22	0.22
2	0.14	0.18	0.18	0.21	0.21
3	0.13	0.17	0.17	0.20	0.21
4	0.12	0.15	0.16	0.19	0.20
5	0.08	0.13	0.15	0.18	0.19
6		0.08	0.14	0.16	0.18
7			0.12	0.15	0.17
8			0.08	0.13	0.16
9				0.08	0.15
10					0.14
11					0.12
12					0.08
Total infeed	0.62	0.90	1.20	1.51	2.05

Round 30° DIN 405 (RN) external

	Pitch, TPI			
	10	8	6	4
	PDY	1.33	1.33	1.43
	PDX	0.83	1.05	1.50
No. of infeeds	Radial infeed per pass			
1	0.21	0.21	0.24	0.30
2	0.20	0.20	0.23	0.29
3	0.19	0.19	0.22	0.28
4	0.18	0.19	0.21	0.27
5	0.16	0.18	0.20	0.26
6	0.15	0.17	0.19	0.25
7	0.13	0.15	0.18	0.24
8	0.08	0.14	0.17	0.23
9		0.12	0.16	0.22
10		0.08	0.15	0.21
11			0.13	0.19
12			0.08	0.18
13				0.15
14				0.10
Total infeed	1.30	1.63	2.17	2.95

Round 30° DIN 405 (RN) internal

	Pitch, TPI			
	10	8	6	4
	PDY	1.30	1.30	1.45
	PDX	1.85	1.05	1.35
No. of infeeds	Radial infeed per pass			
1	0.22	0.21	0.24	0.30
2	0.21	0.20	0.23	0.29
3	0.20	0.20	0.22	0.29
4	0.18	0.19	0.21	0.28
5	0.17	0.18	0.21	0.27
6	0.15	0.17	0.20	0.26
7	0.13	0.16	0.19	0.25
8	0.08	0.14	0.17	0.24
9		0.12	0.16	0.23
10		0.08	0.15	0.21
11			0.13	0.20
12			0.08	0.18
13				0.16
14				0.10
Total infeed	.134	1.64	2.18	2.98



Inch version

ISO inch (UN), internal

	Pitch, mm																	
	32	28	24	20	18	16	14	13	12	11	10	9	8	7	6	5	4.5	4
PDY	.051	.051	.051	.051	.051	.051	.051	.051	.051	.051	.051	.051	.051	.065	.065	.053	.042	.034
PDX	.50	.031	.031	.031	.039	.039	.047	.055	.055	.055	.055	.071	.071	.098	.098	.098	.098	.102
No. of infeeds	Radial infeed per pass																	
1	.006	.006	.006	.006	.007	.007	.006	.007	.008	.007	.007	.007	.009	.008	.009	.010	.010	.011
2	.006	.005	.006	.006	.007	.006	.006	.006	.007	.007	.007	.007	.008	.008	.009	.010	.010	.011
3	.005	.005	.006	.006	.006	.006	.006	.006	.007	.007	.007	.007	.008	.008	.009	.010	.009	.010
4	.003	.004	.005	.005	.006	.006	.006	.006	.007	.007	.007	.007	.008	.007	.009	.009	.009	.010
5		.003	.003	.005	.005	.005	.006	.006	.006	.006	.006	.006	.007	.007	.008	.009	.009	.010
6				.003	.003	.005	.005	.005	.006	.006	.006	.006	.007	.007	.008	.009	.009	.009
7						.003	.004	.004	.005	.006	.006	.006	.007	.007	.008	.009	.009	.009
8							.003	.003	.003	.005	.005	.006	.006	.007	.007	.008	.008	.009
9										.003	.005	.006	.006	.006	.007	.008	.008	.009
10											.003	.005	.006	.006	.007	.007	.008	.008
11												.004	.005	.006	.006	.007	.007	.008
12												.003	.003	.005	.006	.006	.007	.007
13														.005	.006	.006	.007	.007
14														.003	.004	.004	.006	.006
15																	.006	.006
16																	.004	.004
Total infeed	.020	.023	.026	.031	.034	.038	.042	.045	.049	.054	.058	.070	.080	.091	.103	.113	.126	.135

Whitworth (WH), external and internal

		Pitch, mm																
		28	26	20	19	18	16	14	12	11	10	9	8	7	6	5	4.5	4
External	PDY	.052	.052	.052	.052	.052	.052	.052	.052	.052	.052	.052	.066	.066	.054	.039	.023	
	PDX	.031	.031	.031	.031	.039	.039	.055	.055	.055	.055	.071	.071	.098	.098	.098	.104	.108
Internal	PDY				.051	.051	.051	.051	.051	.051	.051	.051	.065	.065	.053	.038	.026	
	PDX				.031	.031	.039	.047	.055	.055	.055	.071	.071	.098	.098	.098	.104	.108
No. of infeeds		Radial infeed per pass																
1		.006	.007	.007	.008	.007	.007	.008	.009	.009	.009	.009	.009	.010	.010	.012	.012	.013
2		.006	.006	.007	.007	.006	.006	.007	.009	.008	.008	.008	.009	.010	.010	.012	.011	.013
3		.006	.006	.006	.007	.006	.006	.007	.008	.008	.008	.008	.008	.010	.009	.011	.011	.013
4		.005	.005	.006	.006	.006	.006	.007	.007	.007	.007	.008	.008	.009	.009	.011	.011	.012
5		.003	.003		.005	.005	.005	.006	.006	.007	.007	.007	.008	.009	.009	.011	.011	.012
6				.003	.003	.005	.005	.006	.006	.007	.007	.007	.007	.009	.009	.011	.010	.011
7						.003	.004	.005	.006	.006	.006	.007	.007	.008	.008	.010	.010	.011
8							.003	.003	.003	.005	.006	.006	.007	.007	.008	.009	.010	.011
9										.003	.005	.006	.006	.007	.007	.009	.009	.010
10											.003	.005	.006	.006	.007	.009	.009	.010
11												.003	.005	.006	.007	.008	.009	.009
12													.003	.003	.006	.007	.008	.009
13															.006	.006	.007	.008
14															.004	.004	.007	.007
15																	.006	.006
16																	.004	.004
Total infeed		.025	.027	.035	.036	.038	.043	.048	.056	.061	.067	.074	.083	.094	.109	.131	.145	.160

BSPT (PT), external and internal

	Pitch, mm				
	28	19	14	11	8
External PDY	.052	.052	.052	.055	.052
Internal PDY	.031	.031	.047	.055	.071
Internal PDX	.031	.031	.047	.055	.071
No. of infeeds	Radial infeed per pass				
1	.006	.007	.007	.009	.009
2	.006	.007	.007	.008	.008
3	.005	.007	.007	.008	.008
4	.005	.006	.006	.007	.008
5	.003	.005	.006	.007	.007
6		.003	.006	.006	.007
7			.005	.006	.007
8			.003	.005	.006
9				.003	.006
10					.006
11					.005
12					.003
Total infeed	.024	.035	.047	.059	.081

Round 30° DIN 405 (RN) external

	Pitch, TPI			
	10	8	6	4
PDY	.052	.052	.056	.054
PDX	.033	.041	.059	.102
No. of infeeds	Radial infeed per pass			
1	.008	.008	.009	.012
2	.008	.008	.009	.011
3	.007	.007	.009	.011
4	.007	.007	.008	.011
5	.006	.007	.008	.010
6	.006	.007	.007	.010
7	.005	.006	.007	.009
8	.003	.006	.007	.009
9		.005	.006	.009
10		.003	.006	.008
11			.005	.007
12			.003	.007
13				.006
14				.004
Total infeed	.051	.064	.085	.116

Round 30° DIN 405 (RN) internal

	Pitch, TPI			
	10	8	6	4
PDY	.051	.051	.057	.053
PDX	.073	.041	.053	.102
No. of infeeds	Radial infeed per pass			
1	.009	.008	.009	.012
2	.008	.008	.009	.011
3	.008	.008	.009	.011
4	.007	.007	.008	.011
5	.007	.007	.008	.011
6	.006	.007	.008	.010
7	.005	.006	.007	.010
8	.003	.006	.007	.009
9		.005	.006	.009
10		.003	.006	.008
11			.005	.008
12			.003	.007
13				.006
14				.004
Total infeed	.053	.065	.086	.117

Metric version

ACME (AC), external

		Pitch, mm								
		16	14	12	10	8	6	5	4	3
	PDY	1.33	1.33	1.33	1.33	1.50	1.37	1.37	0.76	0.54
	PDX	1.00	1.10	1.20	1.30	1.50	1.90	2.10	2.40	3.30
No. of infeeds		Radial infeed per pass								
1		0.22	0.20	0.20	0.20	0.20	0.24	0.26	0.28	0.31
2		0.20	0.19	0.19	0.20	0.20	0.23	0.25	0.28	0.31
3		0.19	0.18	0.18	0.19	0.19	0.23	0.25	0.27	0.30
4		0.17	0.17	0.17	0.18	0.18	0.22	0.24	0.26	0.30
5		0.14	0.15	0.16	0.17	0.18	0.21	0.23	0.26	0.29
6		0.08	0.13	0.15	0.16	0.17	0.20	0.23	0.25	0.28
7			0.08	0.13	0.15	0.16	0.20	0.22	0.24	0.28
8				0.08	0.14	0.15	0.19	0.21	0.23	0.27
9					0.12	0.14	0.18	0.20	0.22	0.26
10					0.08	0.13	0.17	0.19	0.22	0.25
11						0.12	0.16	0.18	0.21	0.24
12						0.08	0.14	0.16	0.19	0.23
13							0.10	0.14	0.18	0.22
14								0.10	0.17	0.21
15									0.15	0.20
16									0.10	0.19
17										0.17
18										0.15
19										.100
Total infeed		0.99	1.10	1.26	1.60	1.91	2.46	2.87	3.51	4.57

NPT (NT), external and internal

		Pitch, TPI				
		27	18	14	11½	8
External	PDY	1.03	1.03	1.03	1.03	1.03
	PDX	0.80	1.00	1.20	1.40	1.60
Internal	PDY	0.72	1.01	1.01	1.01	1.01
	PDX	0.85	1.20	1.20	1.40	1.60
No. of infeeds		Radial infeed per pass				
1		0.15	0.17	0.18	0.18	0.21
2		0.15	0.17	0.17	0.17	0.21
3		0.14	0.16	0.16	0.17	0.20
4		0.13	0.15	0.16	0.16	0.20
5		0.11	0.14	0.15	0.16	0.19
6		0.08	0.13	0.15	0.15	0.18
7			0.11	0.14	0.15	0.18
8			0.08	0.13	0.14	0.17
9				0.11	0.13	0.17
10				0.08	0.12	0.16
11					0.11	0.15
12					0.08	0.14
13						0.13
14						0.11
15						0.08
Total infeed		0.62	0.90	1.20	1.51	2.05

ACME (AC), internal

		Pitch, mm								
		16	14	12	10	8	6	5	4	3
	PDY	1.30	1.30	1.33	1.33	1.14	1.33	0.92	0.81	0.54
	PDX	0.80	1.00	1.10	1.20	1.50	2.00	2.20	2.40	3.30
No. of infeeds		Radial infeed per pass								
1		0.22	0.21	0.21	0.21	0.21	0.24	0.26	0.29	0.31
2		0.21	0.20	0.20	0.20	0.20	0.23	0.26	0.28	0.31
3		0.19	0.19	0.19	0.20	0.20	0.23	0.25	0.27	0.30
4		0.17	0.17	0.18	0.19	0.19	0.22	0.24	0.27	0.29
5		0.14	0.16	0.16	0.18	0.18	0.21	0.24	0.26	0.29
6		0.08	0.13	0.15	0.17	0.17	0.21	0.23	0.25	0.28
7			0.08	0.13	0.16	0.17	0.20	0.22	0.24	0.27
8				0.08	0.14	0.16	0.19	0.21	0.23	0.27
9					0.12	0.15	0.18	0.20	0.23	0.26
10					0.08	0.13	0.17	0.19	0.22	0.25
11						0.12	0.16	0.18	0.21	0.24
12						0.08	0.14	0.16	0.20	0.23
13							0.10	0.15	0.18	0.22
14								0.10	0.17	0.21
15									0.15	0.20
16									0.10	0.19
17										0.17
18										0.15
19										.100
Total infeed		1.02	1.14	1.30	1.64	1.95	2.48	2.90	3.54	4.56

NPTF (NT), external and internal

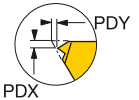
		Pitch, mm				
		27	18	14	11½	8
External	PDY	1.03	1.03	1.03	1.03	1.03
	PDX	0.80	1.00	1.20	1.40	1.60
Internal	PDY			1.01	1.01	1.01
	PDX			1.20	1.40	1.60
No. of infeeds		Radial infeed per pass				
1		0.14	0.16	0.17	0.17	0.19
2		0.13	0.16	0.17	0.17	0.19
3		0.13	0.15	0.16	0.16	0.18
4		0.12	0.14	0.16	0.16	0.18
5		0.11	0.13	0.15	0.15	0.18
6		0.08	0.12	0.15	0.15	0.17
7			0.11	0.13	0.14	0.17
8			0.08	0.12	0.14	0.16
9				0.11	0.13	0.16
10				0.08	0.12	0.15
11					0.11	0.14
12					0.08	0.14
13						0.13
14						0.12
15						0.11
16						0.08
Total infeed		0.70	1.06	1.41	1.69	2.36

Stub-ACME (SA), external and internal

		Pitch, mm								
		16	14	12	19	8	6	5	4	3
External	PDY	1.32	1.32	1.32	1.32	1.23	1.67	1.67	1.67	1.76
	PDX	0.90	1.00	1.10	1.20	1.50	1.80	2.00	2.40	3.10
Internal	PDY		1.64	1.33	1.30	1.20	1.64	1.64	1.64	1.76
	PDX		2.40	1.10	1.20	1.50	1.80	2.00	2.40	3.10
No. of infeeds		Radial infeed per pass								
1		0.18	0.20	0.18	0.21	0.22	0.24	0.25	0.24	0.25
2		0.16	0.18	0.17	0.20	0.21	0.23	0.24	0.24	0.24
3		0.15	0.17	0.16	0.19	0.19	0.22	0.23	0.23	0.24
4		0.13	0.14	0.15	0.17	0.18	0.21	0.22	0.22	0.23
5		0.08	0.08	0.13	0.15	0.17	0.19	0.21	0.21	0.22
6				0.08	0.13	0.15	0.18	0.19	0.20	0.22
7					0.08	0.13	0.16	0.18	0.19	0.21
8						0.08	0.14	0.16	0.18	0.20
9							0.08	0.14	0.17	0.19
10								0.09	0.16	0.18
11									0.14	0.17
12									0.09	0.16
13										0.15
14										0.13
15										0.09
Total infeed		0.70	0.77	0.87	1.13	1.33	1.64	1.90	2.27	2.90

MJ, external

		Pitch, mm	
		1.5	2
	PDY	1.32	1.32
	PDX	1.00	1.40
No. of infeeds		Radial infeed per pass	
1		0.20	0.19
2		0.18	0.18
3		0.17	0.17
4		0.15	0.16
5		0.13	0.15
6		0.08	0.14
7			0.12
8			0.08
Total infeed		0.92	1.21





Inch version

ACME (AC), external

		Pitch, mm								
		16	14	12	10	8	6	5	4	3
	PDY	.052	.052	.052	.052	.059	.054	.054	.030	.021
	PDX	.039	.043	.047	.051	.059	.075	.083	.094	.130
No. of infeeds		Radial infeed per pass								
1		.009	.008	.008	.008	.008	.009	.010	.011	.012
2		.008	.007	.007	.008	.008	.009	.010	.011	.012
3		.007	.007	.007	.007	.007	.009	.010	.011	.012
4		.007	.007	.007	.007	.007	.009	.009	.010	.012
5		.006	.006	.006	.007	.007	.008	.009	.010	.011
6		.003	.005	.006	.006	.007	.008	.009	.010	.011
7			.003	.005	.006	.006	.008	.009	.009	.011
8				.003	.006	.006	.007	.008	.009	.011
9					.005	.006	.007	.008	.009	.010
10					.003	.005	.007	.007	.009	.010
11						.005	.006	.007	.008	.009
12						.003	.006	.006	.007	.009
13							.004	.006	.007	.009
14								.004	.007	.008
15									.006	.008
16									.004	.007
17										.007
18										.006
19										.004
Total infeed		.039	.043	.050	.063	.075	.097	.113	.138	.180

NPT (NT), external and internal

		Pitch, TPI				
		27	18	14	11½	8
External	PDY	.041	.041	.041	.041	.041
	PDX	.031	.039	.047	.055	.063
Internal	PDY	.028	.040	.040	.040	.040
	PDX	.033	.047	.047	.055	.063
No. of infeeds		Radial infeed per pass				
1		.006	.007	.007	.007	.008
2		.006	.007	.007	.007	.008
3		.006	.006	.006	.007	.008
4		.005	.006	.006	.006	.008
5		.004	.006	.006	.006	.007
6		.003	.005	.006	.006	.007
7			.004	.006	.006	.007
8			.003	.005	.006	.007
9				.004	.005	.007
10				.003	.005	.006
11					.004	.006
12					.003	.006
13						.005
14						.004
15						.003
Total infeed		.024	.035	.047	.059	.081

ACME (AC), internal

		Pitch, mm								
		16	14	12	10	8	6	5	4	3
	PDY	.051	.051	.052	.052	.045	.052	.036	.032	.021
	PDX	.031	.039	.043	.047	.059	.079	.087	.094	.130
No. of infeeds		Radial infeed per pass								
1		.009	.008	.008	.008	.008	.009	.010	.011	.012
2		.008	.008	.008	.008	.008	.009	.010	.011	.012
3		.007	.007	.007	.008	.008	.009	.010	.011	.012
4		.007	.007	.007	.007	.007	.009	.009	.011	.011
5		.006	.006	.006	.007	.007	.008	.009	.010	.011
6		.003	.005	.006	.007	.007	.008	.009	.010	.011
7			.003	.005	.006	.007	.008	.009	.009	.011
8				.003	.006	.006	.007	.008	.009	.011
9					.005	.006	.007	.008	.009	.010
10					.003	.005	.007	.007	.009	.010
11						.005	.006	.007	.008	.009
12						.003	.006	.006	.008	.009
13							.004	.006	.007	.009
14								.004	.007	.008
15									.006	.008
16									.004	.007
17										.007
18										.006
19										.004
Total infeed		.040	.045	.051	.065	.077	.098	.114	.139	.180

NPTF (NT), external and internal

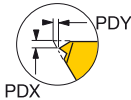
		Pitch, mm				
		27	18	14	11½	8
External	PDY	.041	.041	.041	.041	.041
	PDX	.031	.039	.047	.055	.063
Internal	PDY			.040	.040	.040
	PDX			.047	.055	.063
No. of infeeds		Radial infeed per pass				
1		.006	.006	.007	.007	.007
2		.005	.006	.007	.007	.007
3		.005	.006	.006	.006	.007
4		.005	.006	.006	.006	.007
5		.004	.005	.006	.006	.007
6		.003	.005	.006	.006	.007
7			.004	.005	.006	.007
8			.003	.005	.006	.006
9				.004	.005	.006
10				.003	.005	.006
11					.004	.006
12					.003	.006
13						.005
14						.005
15						.004
16						.003
Total infeed		.028	.042	.056	.067	.093

Stub-ACME (SA), external and internal

		Pitch, mm								
		16	14	12	19	8	6	5	4	3
External	PDY	.052	.052	.052	.052	.048	.066	.066	.066	.069
	PDX	.035	.039	.043	.047	.059	.071	.079	.094	.122
Internal	PDY		.065	.052	.051	.047	.065	.065	.065	.069
	PDX		.094	.043	.047	.059	.071	.079	.094	.122
No. of infeeds		Radial infeed per pass								
1		.007	.008	.007	.008	.009	.009	.010	.009	.010
2		.006	.007	.007	.008	.008	.009	.009	.009	.009
3		.006	.007	.006	.007	.007	.009	.009	.009	.009
4		.005	.006	.006	.007	.007	.008	.009	.009	.009
5		.003	.003	.005	.006	.007	.007	.008	.008	.009
6				.003	.005	.006	.007	.007	.008	.009
7					.003	.005	.006	.007	.007	.008
8						.003	.006	.006	.007	.008
9							.003	.006	.007	.007
10								.004	.006	.007
11									.006	.007
12									.004	.006
13										.006
14										.005
15										.004
Total infeed		.028	.030	.034	.044	.052	.065	.075	.089	.114

MJ, external

		Pitch, mm	
		1.5	2
	PDY	.052	.052
	PDX	.039	.055
No. of infeeds		Radial infeed per pass	
1		.008	.007
2		.007	.007
3		.007	.007
4		.006	.006
5		.005	.006
6		.003	.006
7			.005
8			.003
Total infeed		.036	.048



Metric version

Trapezoidal (TR), external and internal

		Pitch, mm							
		1.5	2	3	4	5	6	7	8
External	PDY	1.37	1.37	1.27	1.42	1.42	0.81	0.81	0.54
	PDX	1.00	1.10	1.60	1.90	2.10	2.40	2.40	3.30
Internal	PDY	1.40	1.29	1.45	1.45	0.83	1.03	0.54	
	PDX		1.00	1.60	1.90	2.10	2.40	2.40	3.30
No. of infeeds		Radial infeed per pass							
1		0.22	0.22	0.20	0.24	0.27	0.29	0.34	0.32
2		0.21	0.21	0.19	0.23	0.27	0.29	0.33	0.31
3		0.19	0.20	0.18	0.22	0.26	0.28	0.32	0.31
4		0.17	0.19	0.18	0.22	0.25	0.27	0.32	0.30
5		0.14	0.17	0.17	0.21	0.24	0.27	0.31	0.29
6		0.08	0.16	0.17	0.20	0.23	0.26	0.30	0.29
7			0.13	0.16	0.19	0.22	0.25	0.29	0.28
8			0.08	0.15	0.18	0.21	0.24	0.28	0.27
9				0.14	0.17	0.20	0.23	0.26	0.26
10				0.13	0.16	0.19	0.22	0.25	0.25
11				0.11	0.14	0.17	0.21	0.24	0.25
12				0.08	0.13	0.16	0.20	0.22	0.24
13					0.08	0.13	0.19	0.21	0.23
14						0.08	0.17	0.19	0.22
15							0.15	0.16	0.20
16							0.10	0.10	0.19
17									0.17
18									0.15
19									0.10
Total infeed		1.02	1.36	1.86	2.37	2.88	3.63	4.12	4.62

UNJ, external

		Pitch, mm									
		32	28	24	20	18	16	14	12	10	8
	PDY	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32
	PDX	0.50	0.80	0.80	0.80	1.00	1.00	1.20	1.40	1.40	1.80
No. of infeeds		Radial infeed per pass									
1		0.16	0.14	0.16	0.16	0.18	0.17	0.17	0.20	0.19	0.20
2		0.14	0.13	0.15	0.15	0.17	0.16	0.16	0.19	0.19	0.20
3		0.13	0.12	0.14	0.14	0.16	0.16	0.16	0.18	0.18	0.19
4		0.08	0.11	0.12	0.13	0.15	0.15	0.15	0.17	0.17	0.18
5			0.08	0.08	0.12	0.13	0.13	0.14	0.16	0.16	0.18
6					0.08	0.08	0.12	0.13	0.15	0.15	0.17
7							0.08	0.11	0.13	0.14	0.16
8								0.08	0.08	0.13	0.15
9										0.12	0.14
10										0.08	0.13
11											0.12
12											0.08
Total infeed		0.51	0.57	0.66	0.78	0.87	0.97	1.10	1.27	1.52	1.90

Multi-point

		ISO metric					ISO metric, external				Whitworth (WH)			NPT
		Pitch					Pitch				Pitch			Pitch
		1.00	1.5	2.00	2.50	3.00	18	16	14	12	19	14	11	11½
External	PDY	1.62	1.42	1.91	1.98	2.79	2.14	1.52	1.79	1.91	2.04	1.73	1.88	1.67
	PDX	2.02	2.20	2.90	3.75	4.40	3.45	2.40	2.70	3.10	3.30	2.70	3.40	3.40
No. of ?infeeds		Radial infeed per pass												
1		0.34	0.36	0.47	0.46	0.55	0.49	0.39	0.44	0.52	0.49	0.47	0.45	0.50
2		0.31	0.33	0.46	0.43	0.52	0.43	0.36	0.41	0.47	0.43	0.43	0.43	0.48
3			0.26	0.33	0.40	0.48		0.29	0.32	0.36		0.33	0.39	0.44
4					0.27	0.33							0.27	0.31
Total infeed		0.65	0.95	1.26	1.56	1.88	0.92	1.04	1.17	1.35	0.92	1.23	1.54	1.73
Internal	PDY PDX	Pitch					Pitch				Pitch		Pitch	
		1.00	1.50	2.00	2.50	3.00	18	16	14	12	19	14	11	11½
		1.63	1.41	1.82	1.98	2.79				1.92		1.72	1.85	1.64
		2.40	2.25	2.85	3.75	4.40				2.95		2.70	3.40	3.40
No. of ?infeeds		Radial infeed per pass												
1		0.33	0.35	0.46	0.45	0.52				0.47		0.45	0.43	0.50
2		0.30	0.32	0.42	0.42	0.49				0.44		0.41	0.41	0.48
3			0.25	0.32	0.36	0.45				0.34		0.32	0.39	0.44
4					0.25	0.32							0.27	0.31
Total infeed		0.63	0.92	1.20	1.48	1.78				1.25		1.18	1.50	1.73



Inch version

Trapezoidal (TR), external and internal

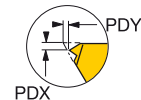
		Pitch, mm							
		1.5	2	3	4	5	6	7	8
External	PDY	.054	.054	.050	.056	.056	.032	.032	.021
	PDX	.039	.043	.063	.075	.083	.094	.094	.130
Internal	PDY		.055	.051	.057	.057	.033	.041	.021
	PDX		.039	.063	.075	.083	.094	.094	.130
No. of infeeds		Radial infeed per pass							
1		.009	.009	.008	.009	.011	.011	.013	.013
2		.008	.008	.007	.009	.011	.011	.013	.012
3		.007	.008	.007	.009	.010	.011	.013	.012
4		.007	.007	.007	.009	.010	.011	.013	.012
5		.006	.007	.007	.008	.009	.011	.012	.011
6		.003	.006	.007	.008	.009	.010	.012	.011
7			.005	.006	.007	.009	.010	.011	.011
8			.003	.006	.007	.008	.009	.011	.011
9				.006	.007	.008	.009	.010	.010
10				.005	.006	.007	.009	.010	.010
11				.004	.006	.007	.008	.009	.010
12				.003	.005	.006	.008	.009	.009
13					.003	.005	.007	.008	.009
14						.003	.007	.007	.009
15							.006	.006	.008
16							.004	.004	.007
17									.007
18									.006
19									.004
Total infeed		.040	.054	.073	.093	.113	.143	.162	.182

UNJ, external

		Pitch, mm									
		32	28	24	20	18	16	14	12	10	8
	PDY	.052	.052	.052	.052	.052	.052	.052	.052	.052	.052
	PDX	.020	.031	.031	.031	.039	.039	.047	.055	.055	.071
No. of infeeds		Radial infeed per pass									
1		.006	.006	.006	.006	.007	.007	.007	.008	.007	.008
2		.006	.005	.006	.006	.007	.006	.006	.007	.007	.008
3		.005	.005	.006	.006	.006	.006	.006	.007	.007	.007
4		.003	.004	.005	.005	.006	.006	.006	.007	.007	.007
5			.003	.003	.005	.005	.005	.006	.006	.006	.007
6					.003	.003	.005	.005	.006	.006	.007
7							.003	.004	.005	.006	.006
8								.003	.003	.005	.006
9										.005	.006
10										.003	.005
11											.005
12											.003
Total infeed		.020	.022	.026	.031	.034	.038	.043	.050	.060	.075

Multi-point

		ISO metric					ISO metric, external				Whitworth (WH)			NPT
		Pitch					Pitch				Pitch			Pitch
		1.00	1.5	2.00	2.50	3.00	18	16	14	12	19	14	11	11½
External	PDY	.064	.056	.075	.078	.110	.084	.060	.070	.075	.080	.068	.074	.066
	PDX	.080	.087	.114	.148	.173	.136	.094	.106	.122	.130	.106	.134	.134
No. of infeeds		Radial infeed per pass												
1		.013	.014	.019	.018	.022	.019	.015	.017	.020	.019	.019	.018	.020
2		.012	.013	.018	.017	.020	.017	.014	.016	.019	.017	.017	.017	.019
3			.010	.013	.016	.019		.011	.013	.014		.013	.015	.017
4					.011	.013							.011	.012
Total infeed		.026	.037	.050	.061	.074	.036	.041	.046	.053	.036	.048	.061	.068
Internal	PDY	Pitch					Pitch				Pitch			Pitch
		1.00	1.50	2.00	2.50	3.00	18	16	14	12	19	14	11	11½
		.064	.056	.072	.078	.110				.076		.068	.073	.065
	PDX	.094	.089	.112	.148	.173				.116		.106	.134	.134
No. of infeeds		Radial infeed per pass												
1		.013	.014	.018	.018	.020				.019		.018	.017	.020
2		.012	.013	.017	.017	.019				.017		.016	.016	.019
3			.010	.013	.014	.018				.013		.013	.015	.017
4					.010	.013							.011	.012
Total infeed		.025	.036	.047	.058	.070				.049		.046	.059	.068



Metric version

API thread forms

B

																				Total infeed
Insert	Pitch, TPI	PDY	PDX	No. of infeeds																
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
API 60° V-0.038R				Radial infeed per pass																
266RG-22V381A0402E	4	0.88	2.50	0.36	0.35	0.33	0.32	0.30	0.29	0.27	0.25	0.23	0.20	0.16	0.08				3.08	
266RL-22V381A0402E	4	0.87	2.50	0.36	0.35	0.33	0.32	0.30	0.29	0.27	0.25	0.23	0.20	0.16	0.08				3.08	
266RG-22V381A0403E	4	0.88	2.50	0.36	0.34	0.33	0.32	0.30	0.29	0.27	0.25	0.23	0.20	0.16	0.08				3.07	
266RL-22V381A0403E	4	0.87	2.50	0.36	0.34	0.33	0.32	0.30	0.29	0.27	0.25	0.23	0.20	0.16	0.08				3.07	
API 60° V-0.040																				
226RG-22V401A0503E	5	1.38	2.50	0.35	0.33	0.32	0.31	0.29	0.28	0.26	0.24	0.22	0.19	0.16	0.08				2.98	
226RL-22V401A0503E	5	1.35	2.50	0.35	0.33	0.32	0.31	0.29	0.28	0.26	0.24	0.22	0.19	0.16	0.08				2.98	
API 60° V-0.050																				
266RG-22V501A0402E	4	0.88	2.80	0.34	0.34	0.33	0.31	0.30	0.29	0.28	0.27	0.25	0.24	0.22	0.20	0.18	0.15	0.08	3.74	
266RL-22V501A0402E	4	0.87	2.80	0.34	0.34	0.33	0.31	0.30	0.29	0.28	0.27	0.25	0.24	0.22	0.20	0.18	0.15	0.08	3.74	
266RG-22V501A0403E	4	0.88	2.80	0.34	0.34	0.32	0.31	0.30	0.29	0.28	0.27	0.25	0.24	0.22	0.20	0.18	0.15	0.08	3.73	
266RL-22V501A0403E	4	0.87	2.90	0.34	0.34	0.32	0.31	0.30	0.29	0.28	0.27	0.25	0.24	0.22	0.20	0.18	0.15	0.08	3.73	
API Round 60°																				
266RG-22RD01A100E	10	1.32	1.30	0.18	0.18	0.17	0.16	0.16	0.15	0.14	0.13	0.11	0.08						1.40	
266RL-22RD01A100E	10	1.30	1.30	0.18	0.18	0.17	0.16	0.16	0.15	0.14	0.13	0.11	0.08						1.40	
266RG-22RD01A080E	8	1.32	1.50	0.19	0.19	0.18	0.18	0.17	0.16	0.16	0.15	0.14	0.13	0.11	0.08				1.80	
266RL-22RD01A080E	8	1.30	1.50	0.20	0.19	0.18	0.18	0.17	0.16	0.16	0.15	0.14	0.13	0.11	0.08				1.81	
API Buttress																				
226RG-22BU01A050E	5	1.87	2.00	0.20	0.19	0.18	0.18	0.17	0.16	0.15	0.14	0.13	0.12	0.08					1.65	
226RL-22BU01A050E	5	1.67	2.00	0.20	0.19	0.18	0.18	0.17	0.16	0.15	0.14	0.13	0.12	0.08					1.65	
226RG-22BU01A0501E	5	1.67	2.00	0.20	0.19	0.18	0.18	0.17	0.16	0.15	0.14	0.13	0.12	0.08					1.65	
226RL-22BU01A0501E	5	1.67	2.00	0.20	0.19	0.18	0.18	0.17	0.16	0.15	0.14	0.13	0.12	0.08					1.65	

C

D

E

F

G

H



Inch version

API thread forms

																			Total infeed
Insert	Pitch, TPI	PDY	PDX	No. of infeeds															
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
API 60° V-0.038R				Radial infeed per pass															
266RG-22V381A0402E	4	.035	.098	.014	.014	.013	.013	.012	.011	.011	.010	.009	.008	.006	.003				.121
266RL-22V381A0402E	4	.034	.098	.014	.014	.013	.013	.012	.011	.011	.010	.009	.008	.006	.003				.121
266RG-22V381A0403E	4	.035	.098	.014	.013	.013	.013	.012	.011	.011	.010	.009	.008	.006	.003				.121
266RL-22V381A0403E	4	.034	.098	.014	.013	.013	.013	.012	.011	.011	.010	.009	.008	.006	.003				.121
API 60° V-0.040																			
226RG-22V401A0503E	5	.054	.098	.014	.013	.013	.012	.011	.011	.010	.009	.009	.007	.006	.003				.117
226RL-22V401A0503E	5	.053	.098	.014	.013	.013	.012	.011	.011	.010	.009	.009	.007	.006	.003				.117
API 60° V-0.050																			
266RG-22V501A0402E	4	.035	.110	.013	.013	.013	.012	.012	.011	.011	.011	.010	.009	.009	.008	.007	.006	.003	.147
266RL-22V501A0402E	4	.034	.110	.013	.013	.013	.012	.012	.011	.011	.011	.010	.009	.009	.008	.007	.006	.003	.147
266RG-22V501A0403E	4	.035	.110	.013	.013	.013	.012	.012	.011	.011	.011	.010	.009	.009	.008	.007	.006	.003	.147
266RL-22V501A0403E	4	.034	.114	.013	.013	.013	.012	.012	.011	.011	.011	.010	.009	.009	.008	.007	.006	.003	.147
API Round 60°																			
266RG-22RD01A100E	10	.052	.051	.007	.007	.007	.006	.006	.006	.006	.005	.004	.003						.055
266RL-22RD01A100E	10	.051	.051	.007	.007	.007	.006	.006	.006	.006	.005	.004	.003						.055
266RG-22RD01A080E	8	.052	.059	.007	.007	.007	.007	.007	.006	.006	.006	.006	.005	.004	.003				.071
266RL-22RD01A080E	8	.051	.059	.008	.007	.007	.007	.007	.006	.006	.006	.006	.005	.004	.003				.071
API Buttress																			
226RG-22BU01A050E	5	.074	.079	.008	.007	.007	.007	.007	.006	.006	.006	.005	.005	.003					.065
226RL-22BU01A050E	5	.066	.079	.008	.007	.007	.007	.007	.006	.006	.006	.005	.005	.003					.065
226RG-22BU01A0501E	5	.066	.079	.008	.007	.007	.007	.007	.006	.006	.006	.005	.005	.003					.065
226RL-22BU01A0501E	5	.066	.079	.008	.007	.007	.007	.007	.006	.006	.006	.005	.005	.003					.065

B

C

D

E

F

G

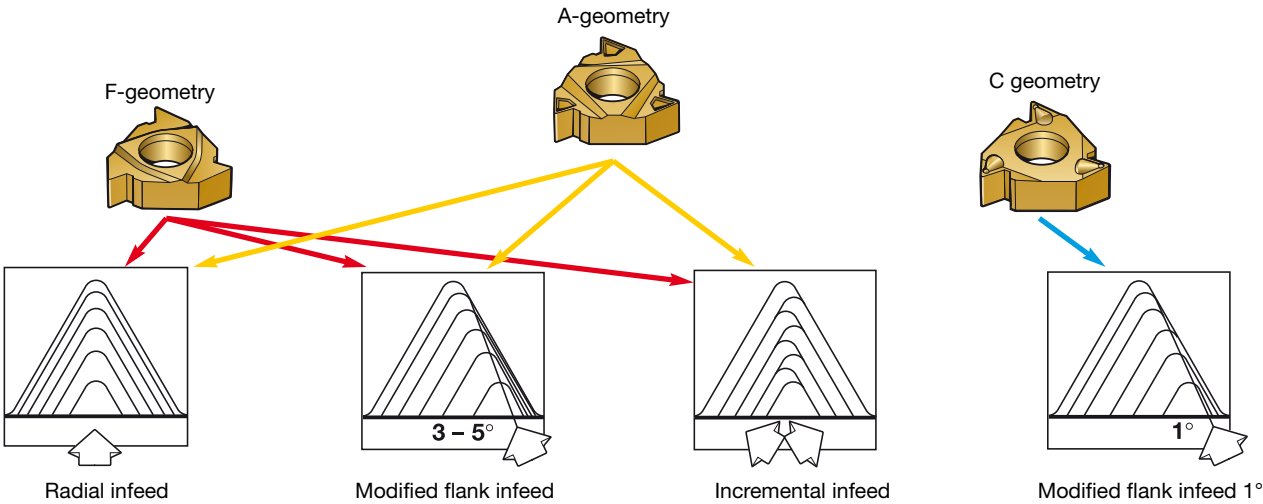
H

Infeed recommendations

The type of infeed, number of passes and size of infeed can have a decisive impact on the threading operation. The infeed recommendations are intended as starting values. Suitable number of passes must be determined by trial and error. The harder the workpiece, the more passes will be required.

- The workpiece diameter should not be more than 0.14 mm (.006 inch) larger than the max diameter of the thread to achieve optimum tool life.
- Infeeds of less than 0.05 mm (.002 inch) should be avoided, for austenitic stainless steels not less than 0.08 mm (.003 inch).

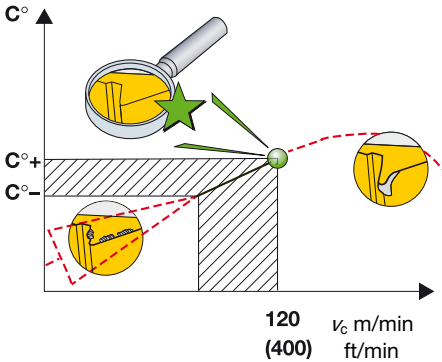
- When using a Cubic Boron Nitride (CBN) grade, the max infeed value should be 0.07 mm (.003 inch).
- For C-geometry inserts, spring pass (a pass without infeed) should not be used.
- For Multi-point inserts, it is essential that the recommendations on page C106 are used.
- For V-profile inserts, use the same recommended number of passes as is used for full form inserts.



Cutting speed

Starting cutting speed recommendations are given on page C94. Careful observation on the cutting edge can help you to achieve the best possible threading results:

- Cutting speed too low - Built-up edge
- Cutting speed too high - Plastic deformation of the edge



Formula

Formula to calculate infeed for each pass in a reduced series.

$$\Delta_{ap\,x} = \frac{a_p}{\sqrt{nap-1}} \times \sqrt{\varphi}$$

Δ_{ap} Radial infeed
 x Actual pass (in a series from 1 to nap)
 a_p Total depth of thread
 nap Number of infeeds. See page C100.
 φ 1st pass = 0.3
 2nd pass = 1
 3rd and higher passes = $x - 1$

Grades for threading



Steel, cast steel, martensitic stainless steel, long-chipping malleable iron



Austenitic/ferritic/martensitic stainless steel, cast steel, manganese steel, alloy cast iron, malleable iron, free cutting steel.



GC1125 (HC) - P20 (P05-P35)

PVD-coated grade with very good wear resistance for various steel threadings. To be used at high cutting speeds and long cutting times.



GC1125 (HC) – M20 (M10-M30)

PVD-coated grade for stainless steels and other smearing materials at higher cutting speed.



GC1020 (HC) - P20 (P10-P40)

Good, general purpose PVD coated grade for steel turning. Combines good wear resistance with sharpness also in low carbon.



GC1020 (HC) - N25 (N10-N30)

Good general purpose PVD coated grade with good wear resistance and edge sharpness in non-ferrous materials.



GC1135 (HC) – P25 (P10-P45)

Good all-purpose PVD-coated grade with good wear resistance and edge line toughness for various steel threadings. To be used at medium cutting speeds.



GC1135 (HC) – M25 (M10-M35)

Good all-purpose PVD-coated grade with good wear resistance and very good edge line toughness for stainless steels and other smearing materials. To be used at medium cutting speeds. First choice in ISO-M materials and toughness-demanding threading operations.



Cast iron, chilled cast iron, short chipping malleable iron



Non-ferrous metals



GC1125 (HC) – K15 (K05-K20)

A PVD-coated grade. Combines the superior wear resistance of a coated grade with the edge sharpness and toughness of an uncoated grade. Optimized for steel threading and for medium to high speeds.



GC1125 (HC) – N25 (N15-N35)

A PVD-coated grade. Combines the superior wear resistance of a coated grade with the edge sharpness and toughness of an uncoated grade. Optimized for steel threading and for medium to high speeds.



GC1020 (HC) – K10 (K01-K20)

Competitive, all-around threading grade. Works best at medium to low cutting speeds with a thin coating ideal for sharp cutting edges.



GC1020 (HC) – N25 (N10-N30)

A competitive, all-around threading grade. Works best at medium to low cutting speeds with a thin coating ideal for sharp cutting edges.



GC1135 (HC) – K20 (K10-K30)

A good all-round, PVD-coated grade with good wear resistance and edge-line toughness for various steel threadings. To be used at medium cutting speeds.



GC1135 (HC) – N25 (N10-N30)

A PVD-coated grade optimized for stainless steel and heat-resistant super alloys. The best choice for sharp profiles in all materials and low to medium speeds.

Letter symbols specifying the designation of hard cutting materials:

Hardmetals:

HW Uncoated hardmetal containing primarily tungsten carbide (WC)

HT Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TiC) or titanium nitrides (TiN) or both.

HC Hardmetals as above, but coated.

Ceramics:

CA Oxide ceramics containing primarily aluminum oxide (Al_2O_3).

CM Mixed ceramics containing primarily aluminum oxide (Al_2O_3) but containing components other than oxides.

CN Nitride ceramics containing primarily silicon nitride (Si_3N_4).

CC Ceramics as above, but coated.

Diamond:

DP Polycrystalline diamond¹⁾.

Cubic boron nitride:

BN Polycrystalline boron nitride¹⁾.

¹⁾ Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

Grades for threading

S

Heat resistant super alloys



GC1020 (HC) – S20 (S05-S30)
A PVD coated carbide grade for toughness demanding super alloy operations. To be used at low cutting speeds.



GC1125 (HC) – S20 (S10-S25)
PVD-coated carbide grade for toughness demanding super alloy operations. To be used at lower cutting speeds.



GC1135 (HC) - S25 (S10-S35)
Good general purpose PVD-coated carbide grade for toughness-demanding super alloy threading. To be used at low cutting speeds. First choice in ISO S-area.

P M K N S O



GC1105 (HC) – S15 (S10-S20)
A PVD-coated carbide grade with high hot hardness and good resistance against plastic deformation, giving even flank wear and outstanding performance.



GC1025 (HC) – S25 (S15 – S35)
A PVD coated grade for toughness demanding operations, recommended for interrupted cuts. Used at low cutting speeds.

Letter symbols specifying the designation of hard cutting materials:

Hardmetals:

- HW

Uncoated hardmetal containing primarily tungsten carbide (WC)
- HT

Uncoated hardmetal, also called cermet, containing primarily titanium carbides (TiC) or titanium nitrides (TiN) or both.
- HC

Hardmetals as above, but coated.

Ceramics:

- CA

Oxide ceramics containing primarily aluminum oxide (Al₂O₃).
- CM

Mixed ceramics containing primarily aluminum oxide (Al₂O₃) but containing components other than oxides.
- CN

Nitride ceramics containing primarily silicon nitride (Si₃N₄).
- CC

Ceramics as above, but coated.

Diamond:

- DP

Polycrystalline diamond¹⁾.

Cubic boron nitride:

- BN

Polycrystalline boron nitride¹⁾.

¹⁾ Polycrystalline diamond and polycrystalline boron nitride are also named *superhard cutting materials*.

Multi-functional tools

CoroPlex™ TT	D2
Inserts	A185
Tools	D3-D4

CoroPlex™ TB	D5
Inserts	A185
Tools	D6

CoroPlex™ MT	D7
Inserts	A41
Tools	D8

CoroPlex™ TT

Two turning tools in one

B

Application

- External turning
- Internal turning
- Profiling

C

ISO application area:



D

Benefits and features

- Reduced tool changing time
- Quick change with Coromant Capto®
- Coolant solution for multi-task machines
- Flexible tool holders optimized in length, stability



E

CoroPlex™ TT is a twin tool with great flexibility. With two turning inserts on the same tool, substantial tool changing time is saved. CoroPlex™ TT gives you a variety of solutions for most turning operations.

www.sandvik.coromant.com/coroplextt

F

Inserts

- T-Max® P – C-style inserts
- Insert geometries and grades for all materials

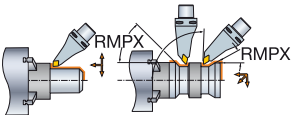
Tools

- Coromant Capto® cutting units

G

With tool spindle tilted 45°

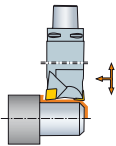
- Face and longitudinal turning
- Profiling



H

With tool spindle tilted 90°

- External longitudinal turning
- External face turning
- Internal turning



CoroPlex™ TT multifunctional tool for turning

Rigid clamp design

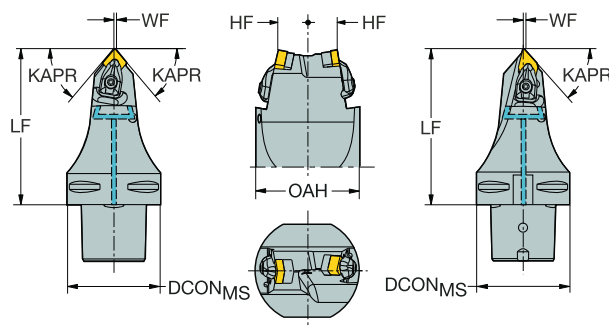
Coromant Capto® - Internal coolant supply

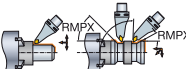


 CNMM
 CNMG
 CNMA, CNGA



 DNMM, DNMX
 DNMG
 DNMA, DNGA



	 					Ordering code	Dimensions, mm, inch							MIID		
	CZC _{MS}	KAPR	CNSC	DCON _{MS}	LF		WF	HF	OAH							
			C5		1	C5-T-DCM12DDM15L115	50 1.969					70 2.756	80	1.8		
	12	1/2		50				115 4.528	0.5 .020	20 .787					3.9	CNMG 12 04 08 CNMG 432
	15	1/2		48				115 4.528	0.5 .020	20 .787					3.9	DNMG 15 06 08 DNMG 442
			C6		1	C6-T-DCM12DDM15L105	63 2.480					70 2.756	80	1.8		
	12	1/2		50				105 4.134	0.5 .020	20 .787					3.9	CNMG 12 04 08 CNMG 432
	15	1/2		48				105 4.134	0.5 .020	20 .787					3.9	DNMG 15 06 08 DNMG 442
			C6		1	C6-T-DCM12DDM15L130	63 2.480						80	2.5		
	12	1/2		50				130 5.118	0.5 .020	20 .787	70 2.756				3.9	CNMG 12 04 08 CNMG 432
	15	1/2		48				130 5.118	0.5 .020	20 .787	70 2.756				3.9	DNMG 15 06 08 DNMG 442
			C8		1	C8-T-DCM16DDM15L160	80 3.150						80	4.7		
	16	5/8		50				160 6.299	0.5 .020	24 .945					3.9	CNMG 12 04 08 CNMG 543
	15	1/2		48				160 6.299	0.5 .020	24 .945					3.9	DNMG 15 06 08 DNMG 442
			C10		1	C10-T-DCM19DDM15L180	100 3.937						80	6.2		
	19	3/4		50				180 7.087	0.5 .020	24 .945					6.4	CNMG 19 06 12 CNMG 643
	15	1/2		48				180 7.087	0.5 .020	24 .945					3.9	DNMG 15 06 08 DNMG 442



A185



F2



H37

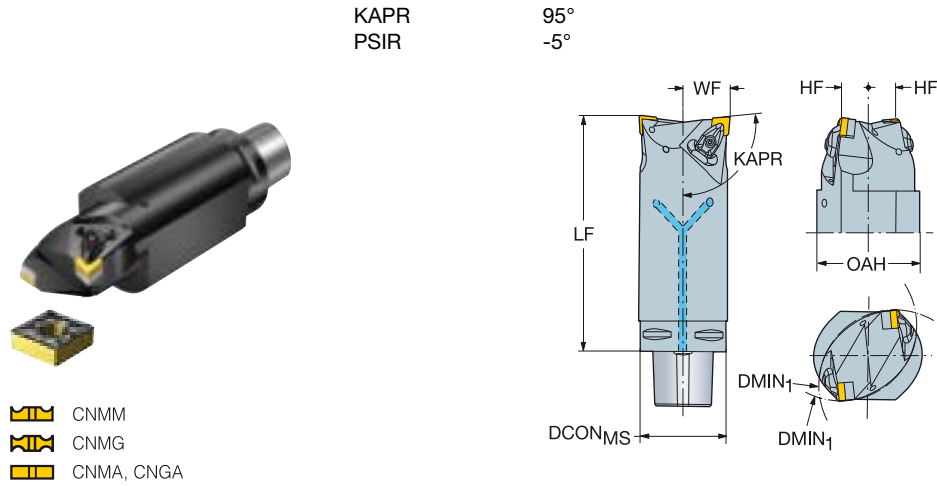


H5

CoroPlex™ TT multifunctional tool for turning

Rigid clamp design
Coromant Capto® - Internal coolant supply

B



CoroPlex™ TB

Multifunctional turning boring bar dedicated for multi-task machines and turning centers.

Application

- Integrated solutions for turning centers:
High volume, such as automotive transmission, bearings, etc.
- Modular solutions for multi-task machines and large turning centers,
such as oil and gas

ISO application area:



Benefits and features

- Chip control and longer tool life
- Reduced set-up times with Coromant Capto®
- Quick tool changing for reduced machine downtime
- Reduced maintenance and downtime costs
- Quick change and modularity with Coromant Capto®
- Two inserts in the same tool
- Increased number of tool positions



www.sandvik.coromant.com/coroplextb

Inserts

- T-Max® P – C-style inserts
- Insert geometries and grades for all materials

Tools

- Coromant Capto® cutting units

Application example – Speed gear with CoroPlex™ TB

The example shows how it is possible to use the same tool for turning of both the outer and inner diameter with no indexing time between the operations.



A185



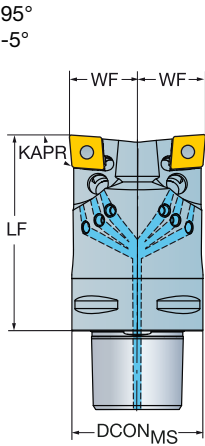
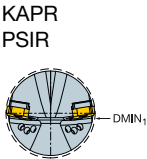
F2

A

CoroPlex™ TB multifunctional tool for turning

Lever clamp design
Coromant Capto® - Internal coolant supply

B



C



- CNMM
- CNMG
- CNMA, CNGA

D

						Ordering code	Dimensions, mm, inch										MIID
			CZC _{MS}	DMIN ₁	CNSC		DCON _{MS}	LF	WF	HF				CICT			
	12	1/2	C4	43	3	C4-TB-CN12CN12-060	40	60	21.0	0.0	80	0.5	5.0	2	CNMG 12 04 08		
				1.693			1.575	2.362	.827	.000							
	12	1/2	C5	53	3	C5-TB-CN12CN12-075	50	75	26.0	0.0	80	1.0	5.0	2	CNMG 12 04 08		
				2.087			1.969	2.953	1.024	.000							
	12	1/2	C6	66	3	C6-TB-CN12CN12-090	63	90	32.0	0.0	80	2.0	5.0	2	CNMG 12 04 08		
				2.598			2.480	3.543	1.260	.000							

E

F

G

H



CoroPlex™ MT

Multifunctional tool for milling and turning, dedicated for multi-task machines.

Application

- Integrated solutions for turning centers:
High volume, such as automotive transmission, bearings, etc.
- Modular solutions for multi-task machines and large turning centers,
such as oil and gas

ISO application area:



Benefits and features

- Quick change and modularity with Coromant Capto®
- Increased number of tool positions
- One milling and two turning tools in one
- Reduced tool changing time
- Saves tool pockets in tool magazine
- Stationary application as a turning tool, external or internal



www.sandvik.coromant.com/coroplexmt

Inserts

- CoroTurn® 107 C and D-style inserts
- CoroMill® 390 inserts, see Rotating Tools catalog

Tools

- Coromant Capto® cutting units

One tool for both rotating and stationary use

The CoroMill® 390 inserts are positioned slightly ahead of the CoroTurn® inserts—axially as well as radially—to guarantee that turning inserts are not in cut when the tool is applied rotating. It is therefore necessary, when internal turning of a blind hole, to stop feed and rotation before the CoroMill® 390 inserts get in contact with bottom face.



Tool lengths optimized for accessibility in multi-tasking

The tool bodies are extended by 65 mm compared to corresponding conventional tools to allow freer use of the working positions possible in multi-task machining without a need for extensions. Length and design of the tool body are optimized for each Coromant Capto® size to provide best accessibility relative to most common chuck sizes.



A1



F2

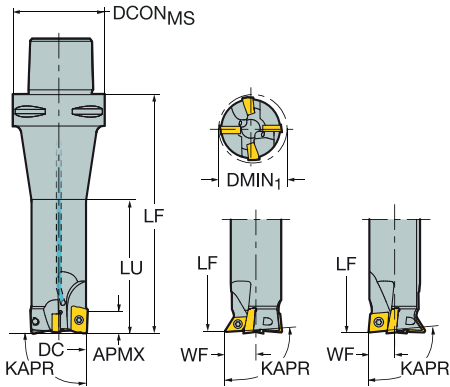
CoroPlex™ MT multifunctional tool for milling and turning

Screw clamp design
Coromant Capto® - Internal coolant supply

B



C



D



	CZC _{MS}	DMIN ₁	CNSC	Ordering code	DCON _{MS}	DC	LF	LU	APMX			MIID
07	C5	35	3	M-32C5-39011C09D07	50	32.0	130	81	10.0	1.1	3.0	R390-11..
		1.378			1.969	1.260	5.118	3.189	0.394			
07	C6	35	3	M-32C6-39011C09D07	63	32.0	165	81	10.0	1.9	3.0	DCMT 07 02 04
		1.378			2.480	1.260	6.496	3.189	0.394			
18		43	3	M-40C6-39018C12D11	63	40	165	92	10.0	2.0	3.0	R390-18..
		1.693			2.480	1.575	6.496	3.622	0.394			
18	C8	43	3	M-40C8-39018C12D11	80	40.0	200	92	10.0	3.6	3.0	DCMT 11 T3 08
		1.693			3.150	1.575	7.874	3.622	0.394			

E

F

G

H



D 8



Tool holding

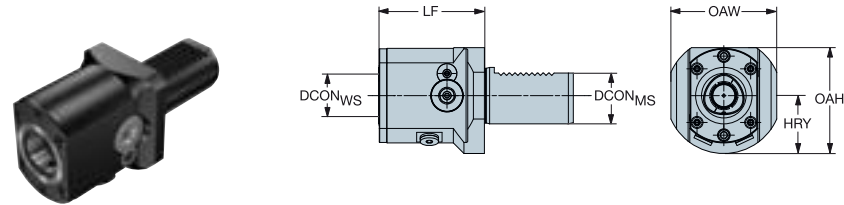
Non-machine specific clamping units

VDI to Coromant Capto® clamping unit	E2-E5
VDI to CoroTurn® SL adapter	E6
VDI to CoroChuck™ 935	E7
VDI to rectangular shank adapter	E8
VDI to blade adapter	E9
VDI to VL adapter	E10
Tool block for blades	E11-E12
Rectangular shank to Coromant Capto® clamping unit	E13
Cylindrical shank with flats to Coromant Capto® clamping unit	E14-E15
Cylindrical shank with flats to VL adapter	E16
Coromant Capto® clamping unit	E17

A

VDI to Coromant Capto® clamping unit
Machine-side interface VDI according to DIN 69880

B



C

				Dimensions, mm, inch											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	OAW	OAH	HRY					
30	C3	6	2	C3-R/LC2030-00060M	30	32	60	50	61	34	80	35	1.4		
					1.181	1.260	2.362	1.969	2.402	1.339	1160				
40	C4	6	2	C4-R/LC2040-00075M	40	40	75	75	75	41	80	50	2.4		
					1.575	1.575	2.953	2.953	2.953	1.614	1160				
	C5	6	2	C5-R/LC2040-00085M	40	50	85	75	82	41	80	70	3.5		
					1.575	1.969	3.346	2.953	3.228	1.614	1160				
50	C4	6	2	C4-R/LC2050-00065M	50	40	65	70	83	49	80	50	2.8		
					1.969	1.575	2.559	2.756	3.268	1.929	1160				
	C5	6	2	C5-R/LC2050-00085M	50	50	85	83	90	49	80	70	4.5		
					1.969	1.969	3.346	3.268	3.543	1.929	1160				
60	C5	6	2	C5-R/LC2060-00075M	60	50	75	80	100	58	80	70	5.7		
					2.362	1.969	2.953	3.150	3.937	2.283	1160				
	C6	6	2	C6-R/LC2060-00095	60	63	95	84	111	58	80	90	7.4		
					2.362	2.480	3.740	3.307	4.370	2.283	1160				

For spare parts, visit www.sandvik.coromant.com R = Right hand, L = Left hand

E

F

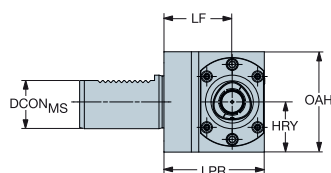
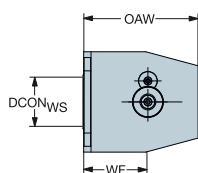
G

H



VDI to Coromant Capto® clamping unit

Machine-side interface VDI according to DIN 69880



					Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LPR	LF	WF	OAW	OAH	HTB	HRV					
30	C3	6	2	C3-R/LC2030-41020M	30	32	60	41	20.0	74	57	38	30	80	35	2.2		
					1.181	1.260	2.362	1.614	.787	2.913	2.244	1.496	1.181	1160				
		6	2	C3-R/LC2030-41030M	30	32	60	41	30.0	74	57	41	30	80	35	2.2		
					1.181	1.260	2.362	1.614	1.181	2.913	2.244	1.614	1.181	1160				
40	C4	6	2	C4-R/LC2040-51030M	40	40	75	51	30.0	86	75	54	38	80	50	3.9		
					1.575	1.575	2.953	2.008	1.181	3.386	2.953	2.126	1.496	1160				
		6	2	C4-R/LC2040-51040M	40	40	75	51	40.0	86	75	60	38	80	50	4.2		
					1.575	1.575	2.953	2.008	1.575	3.386	2.953	2.362	1.496	1160				
	C5	6	2	C5-R/LC2040-53030M	40	50	85	53	30.0	99	82	47	41	80	70	4.8		
					1.575	1.969	3.346	2.087	1.181	3.898	3.228	1.850	1.614	1160				
		6	2	C5-R/LC2040-53040M	40	50	85	53	40.0	99	82	53	41	80	70	5.1		
					1.575	1.969	3.346	2.087	1.575	3.898	3.228	2.087	1.614	1160				
50	C5	6	2	C5-R/LC2050-53030M	50	50	85	53	30.0	99	86	59	43	80	70	6.3		
					1.969	1.969	3.346	2.087	1.181	3.898	3.386	2.323	1.693	1160				
		6	2	C5-R/LC2050-53040M	50	50	85	53	40.0	99	86	65	43	80	70	6.5		
					1.969	1.969	3.346	2.087	1.575	3.898	3.386	2.559	1.693	1160				
60	C5	6	2	C5-R/LC2060-43040M	60	50	75	43	40.0	99	94	76	53	80	70	7.3		
					2.362	1.969	2.953	1.693	1.575	3.898	3.701	2.992	2.087	1160				
	C6	6	2	C6-R/LC2060-53040	60	63	95	53	40.0	122	105	70	53	80	90	9.8		
					2.362	2.480	3.740	2.087	1.575	4.803	4.134	2.756	2.087	1160				

Note! Tighten the screw with a torque wrench. Information on page G16.

R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com

G1



H37



H5



E18

A

TOOL HOLDING

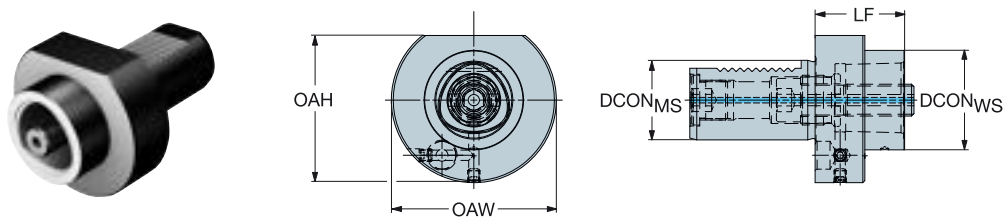
Non-machine-specific clamping unit

VDI to Coromant Capto® clamping unit

Machine-side interface VDI according to DIN 69880

Center bolt clamping

B



C

					Dimensions, mm, inch										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	BD ₁	LB ₁	LF	OAW	OAH				
30	C3	7	1	C3-NC3000-V30-035	30.0	32	32	15	35	68	62	80	35	0.830	
					1.181	1.260	1.260	.591	1.378	2.677	2.441	1160			
	C4	7	1	C4-NC3000-V30-060	30.0	40	40	40	60	68	62	80	50	0.980	
					1.181	1.575	1.575	1.575	2.362	2.677	2.441	1160			
40	C3	7	1	C3-NC3000-V40-030	40.0	32	40	10	30	83	74	80	35	1.460	
					1.575	1.260	1.575	.394	1.181	3.268	2.913	1160			
	C4	7	1	C4-NC3000-V40-030	40.0	40	40	5	30	83	74	80	50	1.537	
					1.575	1.575	1.575	.197	1.181	3.268	2.913	1160			
	C5	7	1	C5-NC3000-V40-045	40.0	50	50	20	45	83	74	80	70	1.661	
					1.575	1.969	1.969	.787	1.772	3.268	2.913	1160			
	C6	7	1	C6-NC3000-V40-090	40.0	63	63	70	90	83	74	80	90	2.590	
					1.575	2.480	2.480	2.756	3.543	3.268	2.913	1160			
50	C3	7	1	C3-NC3000-V50-035	50.0	32	32	10	35	98	84	80	35	2.400	
					1.969	1.260	1.260	.394	1.378	3.858	3.307	1160			
	C4	7	1	C4-NC3000-V50-040	50.0	40	40	15	40	98	84	80	50	2.500	
					1.969	1.575	1.575	.591	1.575	3.858	3.307	1160			
	C5	7	1	C5-NC3000-V50-050	50.0	50	50	25	50	98	84	80	70	2.600	
					1.969	1.969	1.969	.984	1.969	3.858	3.307	1160			
	C6	7	1	C6-NC3000-V50-070	50.0	63	63	45	70	98	84	80	90	3.102	
					1.969	2.480	2.480	1.772	2.756	3.858	3.307	1160			
	C8	7	1	C8-NC3000-V50-100	50.0	80	80	75	100	98	90	80	130	4.556	
					1.969	3.150	3.150	2.953	3.937	3.858	3.543	1160			
60	C5	7	1	C5-NC3000-V60-050	60.0	50	50	20	50	123	104	80	70	4.300	
					2.362	1.969	1.969	.787	1.969	4.843	4.094	1160			
	C6	7	1	C6-NC3000-V60-050	60.0	63	63	20	50	123	104	80	90	4.200	
					2.362	2.480	2.480	.787	1.969	4.843	4.094	1160			
	C8	7	1	C8-NC3000-V60-085	60.0	80	80	55	85	123	104	80	130	5.764	
					2.362	3.150	3.150	2.165	3.346	4.843	4.094	1160			

For spare parts, visit www.sandvik.coromant.com

N = Neutral

F

G

H



G1



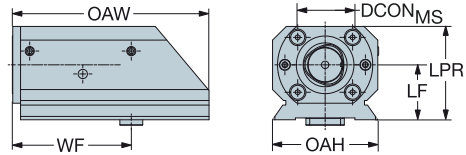
H37



H5

VDI to Coromant Capto® clamping unit

Machine-side interface according to DIN 69881



					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{WS}	LPR	LF	WF	OAW	OAH				
90	C5	2	2	C5-R/LC090-130L	50	82	50	130.0	210	90	80	70	9.7	
					1.969	3.228	1.969	5.118	8.268	3.543	1160			
115	C6	2	2	C6-R/LC115-130L	63	102	60	130.0	215	115	80	90	16.7	
					2.480	4.016	2.362	5.118	8.465	4.528	1160			
140	C6	2	2	C6-R/LC140-165L	63	102	60	165.0	310	140	80	90	25.0	
					2.480	4.016	2.362	6.496	12.205	5.512	1160			
		2	2	C6-R/LC140-205L	63	102	60	205.0	350	140	80	90	28.2	
					2.480	4.016	2.362	8.071	13.780	5.512	1160			
	C8	2	2	C8-R/LC140-165L	80	120	70	135.0	310	140	80	130	30.3	
					3.150	4.724	2.756	5.315	12.205	5.512	1160			
		2	2	C8-R/LC140-205L	80	120	70	165.0	350	140	80	130	35.1	
					3.150	4.724	2.756	6.496	13.780	5.512	1160			

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand



G1



H37



H5

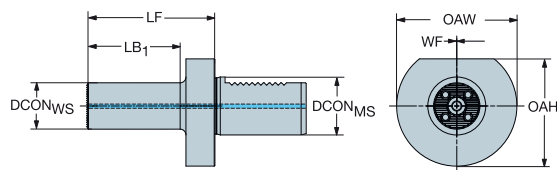
A

TOOL HOLDING

Non-machine-specific clamping unit

VDI to CoroTurn® SL adapter

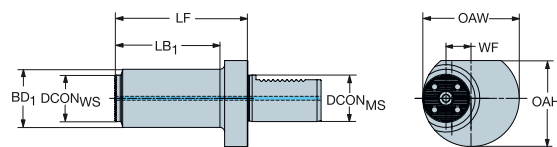
B



C

				Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	OAW	LF	LB ₁				
30.0	32	7	1	VDI30-32-SL32N 088	30.0	32.0	68	88.0	64.0	150	35.0	1.25	
					1.181	1.260	2.677	3.465	2.520	2175			
40.0	32	7	1	VDI40-32-SL32N 088	40.0	32.0	83	88.0	64.0	150	50.0	1.80	
					1.575	1.260	3.268	3.465	2.520	2175			
	40	7	1	VDI40-40-SL40N 104	40.0	40.0	83	104.0	80.0	150	50.0	2.20	
					1.575	1.575	3.268	4.094	3.150	2175			
50.0	40	7	1	VDI50-40-SL40N 109	50.0	40.0	98	109.0	80.0	150	50.0	3.30	
					1.969	1.575	3.858	4.291	3.150	2175			

D



E

					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	OAW	LF	WF	LB ₁	BD ₁			
40.0	40	7	1	VDI40-50-SL40R/L 114	40.0	40.0	83	114.0	21	90.0	50.0	150	50.0	2.80
					1.575	1.575	3.268	4.488	.846	3.543	1.969	2175		
50.0	40	7	1	VDI50-50-SL40R/L 119	50.0	40.0	98	119.0	29	90.0	50.0	150	50.0	3.85
					1.969	1.575	3.858	4.685	1.142	3.543	1.969	2175		
60.0	40	7	1	VDI50-60-SL40R/L 119	60.0	40.0	123	119.0	41	90.0	60.0	150	90.0	4.45
					2.362	1.575	4.843	4.685	1.634	3.543	2.362	2175		

N = Neutral, R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com

G

H



H37

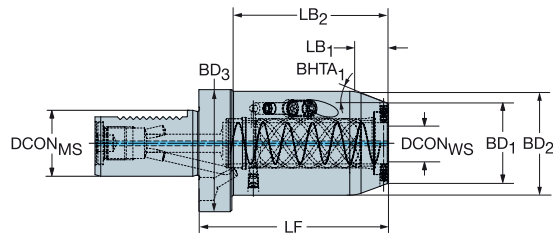


H5



H2

VDI to CoroChuck™ 935



				Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LSC	LF	LB ₁	LB ₂	BD ₁	BD ₂	BD ₃	BHTA ₁	BAR PSI	NM	KG
40.0	20	1	1	935-VDI40-EF20-090	40.0	20.0	80	90.0	18.0	70.0	43.9	57.0	83.0	20°	80	10.0	2.38
					1.575	.787	3.150	3.543	.709	2.756	1.728	2.244	3.268		1160		
	25	1	1	935-VDI40-EF25-115	40.0	25.0	100	115.0	20.0	95.0	48.4	63.0	83.0	20°	80	10.0	3.07
					1.575	.984	3.937	4.528	.787	3.740	1.906	2.480	3.268		1160		
50.0	20	1	1	935-VDI50-EF20-070	50.0	20.0	80	70.0	18.0	45.0	43.9	57.0	98.0	20°	80	10.0	2.98
					1.969	.787	3.150	2.756	.709	1.772	1.728	2.244	3.858		1160		
	25	1	1	935-VDI50-EF25-100	50.0	25.0	100	100.0	20.0	75.0	48.4	63.0	98.0	20°	80	10.0	3.67
					1.969	.984	3.937	3.937	.787	2.953	1.906	2.480	3.858		1160		

For spare parts, visit www.sandvik.coromant.com



H37



H5



H2

A

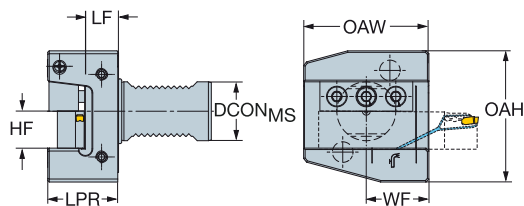
TOOL HOLDING

Non-machine-specific clamping unit

VDI to rectangular shank adapter

Machine-side interface according to DIN 69880

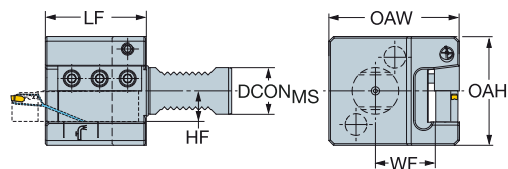
B



C

		Dimensions, mm, inch										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LPR	LF	WF	HF	OAW	OAH	BAR PSI
30	20 x 20	7	6	ASHA-R/L-VDI30-20-HP	30.0	35	15	35.0	20	70	73	80
					1.181	1.398	.610	1.378	.787	2.756	2.874	1160
40	25 x 25	7	6	ASHA-R/L-VDI40-25-HP	40.0	48	23	42.5	25	85	89	80
					1.575	1.890	.906	1.673	.984	3.346	3.504	1160
50	25 x 25	7	6	ASHA-R/L-VDI50-25-HP	50.0	48	23	50.0	25	100	110	80
					1.969	1.890	.906	1.969	.984	3.937	4.331	1160

D



E

		Dimensions, mm, inch										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LF	WF	HF	OAW	OAH	RADH	RADW
30	20 x 20	7	6	ASHN-VDI30-20-HP	30.0	70	35.5	20	85	70	35	55
					1.181	2.756	1.398	.787	3.366	2.756	1.378	2.185
40	25 x 25	7	6	ASHN-VDI40-25-HP	40.0	85	25.5	25	92	88	44	50
					1.575	3.346	1.004	.984	3.642	3.465	1.732	1.988

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

F

G

H



H37



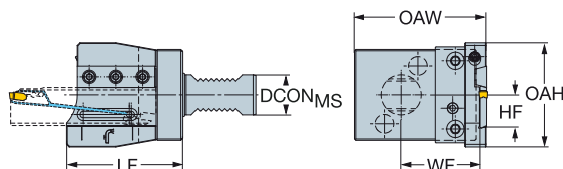
H5



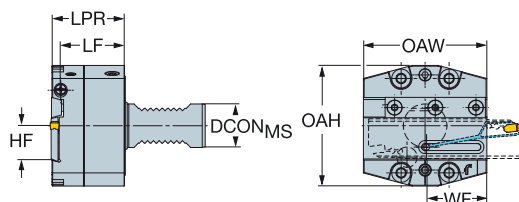
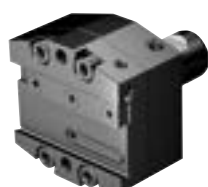
E19

VDI to blade adapter

Machine-side interface according to DIN 69880



				Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LF	WF	HF	OAW	OAH			
25	21R/L	1	2	APBR/L-VDI25-21-HP	25.0 .984	80 3.150	38.0 1.496	21 .843	84 3.307	73 2.874	80 1160	10	1.440
30	25R/L	1	2	APBR/L-VDI30-25-HP	30.0 1.181	87 3.425	46.0 1.811	25 .984	98 3.878	78 3.071	80 1160	10	1.935
40	25R/L	1	2	APBR/L-VDI40-25-HP	40.0 1.575	80 3.150	67.5 2.657	25 .984	118 4.665	100 3.937	80 1160	10	3.212



					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LPR	LF	WF	HF	OAW	OAH			
30	25R/L	6	3	APBA-R/L-VDI30-25-HP	30.0	50	45	42.5	25	85	83	80	10	2.714
					1.181	1.988	1.791	1.673	.984	3.346	3.268	1160		
40	25R/L	6	3	APBA-R/L-VDI40-25-HP	40.0	50	45	42.5	25	85	83	80	10	3.000
					1.575	1.988	1.791	1.673	.984	3.346	3.268	1160		
50	25R/L	6	3	APBA-R/L-VDI50-25-HP	50.0	50	45	42.5	25	85	92	80	10	3.664
					1.969	1.988	1.791	1.673	.984	3.346	3.622	1160		

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand



H37



H5

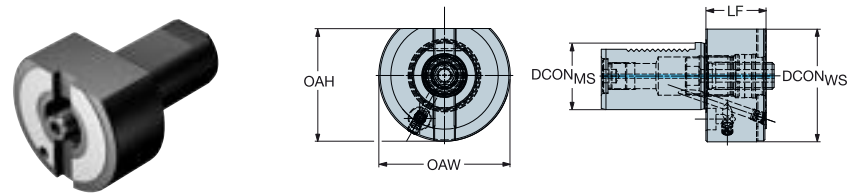


E19

A

VDI to VL adapter

B



C

					Dimensions, mm, inch							
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	OAW	OAH	BAR PSI	NM	KG
50	80	7	1	VL80-NC3000-V50	50.0	80	45	98	84	80	190	3.253
					1.969	3.150	1.772	3.858	3.307	1160		
60	80	7	1	VL80-NC3000-V60	60.0	80	45	123	104	80	190	5.458
					2.362	3.150	1.772	4.843	4.114	1160		

D

For spare parts, visit www.sandvik.coromant.com N = Neutral

E

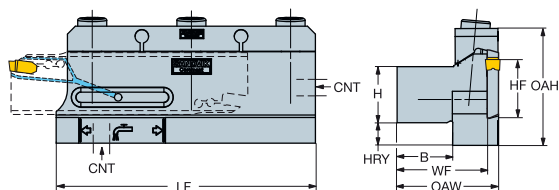
F

G

H



Tool block for blades



Metric version

						Dimensions, mm													
CZC _{MS}	CZC _{WS}	OHX	CNSC	CXSC	Ordering code	B	H	LF	WF	HF	OAW	OAH	RADW	CNT					
20 x 20	21R/L	5.0	2	2	BA-R/LGC2020-21M	20.0	20.0	85.0	34.0	20.0	39.0	46.0	39.0	G 1/8-28	70	0.7			
	25R/L	5.0	2	2	BA-R/LGC2020-25M	20.0	20.0	115.0	35.0	20.0	40.0	51.0	40.0	G 1/8-28	70	1.1			
25 x 25	21R/L	5.0	2	2	BA-R/LGC2525-21M	25.0	25.0	85.0	39.0	25.0	44.0	48.0	44.0	G 1/8-28	70	0.9			
	25R/L	5.0	2	2	BA-R/LGC2525-25M	25.0	25.0	115.0	40.0	25.0	45.5	52.0	45.5	G 1/8-28	70	1.3			
32 x 32	25R/L	5.0	2	2	BA-R/LGC3232-25M	32.0	32.0	115.0	46.0	32.0	52.5	54.0	52.5	G 1/8-28	70	1.6			
	45R/L	5.0	2	2	BA-R/LGC3232-45	32.0	32.0	155.0	47.0	45.0	55.0	77.0	55.0	G 1/8-28	70	2.9			
40 x 40	45R/L	5.0	2	2	BA-R/LGC4040-45	40.0	40.0	155.0	55.0	45.0	63.0	77.0	63.0	G 1/8-28	70	3.5			

Inch version

						Dimensions, inch													
CZC _{MS}	CZC _{WS}	OHX	CNSC	CXSC	Ordering code	B	H	LF	WF	HF	OAW	OAH	RADW	CNT					
3/4 x 3/4	21R/L	.197	2	2	BA-R/LGC12-21M	.750	.750	3.346	1.317	.750	1.535	1.850	1.535	G1/8	1015	1.3			
	25R/L	.197	2	2	BA-R/LGC12-25M	.750	.750	4.528	1.339	.750	1.535	2.008	1.535	G1/8	1015	1.8			
1 x 1	25R/L	.197	2	2	BA-R/LGC16-25M	1.000	1.000	4.528	1.575	1.000	1.772	2.047	1.772	G1/8	1015	2.9			
1 1/4 x 1 1/4	25R/L	.197	2	2	BA-R/LGC20-25M	1.250	1.250	4.528	1.813	1.250	2.067	2.126	2.067	G1/8	1015	3.7			
	45R/L	.197	2	2	BA-R/LGC20-45	1.250	1.250	6.102	1.850	1.772	2.165	3.032	2.165	G1/8	1015	6.0			
1 1/2 x 1 1/2	45R/L	.197	2	2	BA-R/LGC24-45	1.500	1.500	6.102	2.087	1.772	2.402	2.008	2.402	G1/8	1015	7.3			

CZC WS to correspond with CZC MS on tool.

R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com

H37



H5

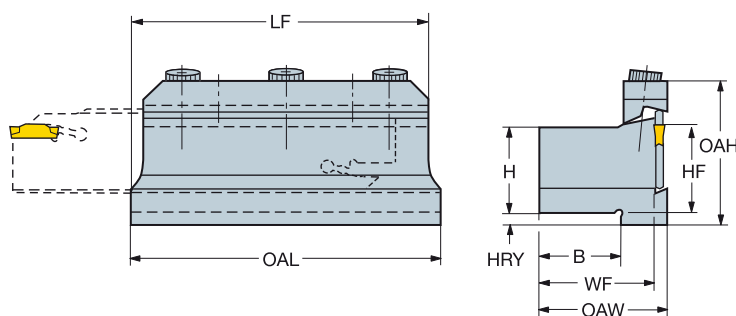
A

TOOL HOLDING

Non-machine-specific clamping unit

Tool block for blades

B



C

Metric version

				Dimensions, mm										
CZC _{MS}	CZC _{WS}	OHX	Ordering code	B	H	LF	WF	HF	OAW	OAH	RADH	RADW	KG	
20 x 20	21	5.0	151.2-2020-21M	20.0	20.0	80.0	33.0	20.0	38.0	45.5	20.0	13.4	0.6	
	25	5.0	151.2-2020-25	20.0	20.0	120.0	33.1	25.0	38.1	52.5	20.0	13.5	1.0	
25 x 20	21	5.0	151.2-2520-21	20.0	25.0	80.0	33.1	25.0	38.1	45.5	25.0	13.5	0.6	
	25	5.0	151.2-2520-25	20.0	25.0	120.0	33.0	25.0	38.0	52.5	25.0	13.4	1.1	
32 x 32	25	5.0	151.2-3232-25	32.0	32.0	120.0	45.0	32.0	50.0	54.5	32.0	13.4	1.6	
	45	5.0	151.2-3232-45	32.0	32.0	160.0	45.0	32.0	52.0	82.5	32.0	13.4	2.9	
40 x 40	45	5.0	151.2-4040-45	40.0	40.0	160.0	53.0	40.0	60.0	82.5	40.0	13.4	3.6	
50 x 50	93	0.0	151.2-5050-93	50.0	50.0	178.0	68.5	50.5	78.1	152.3	50.0	13.5	8.2	

D

Inch version

				Dimensions, inch										
CZC _{MS}	CZC _{WS}	OHX	Ordering code	B	H	LF	WF	HF	OAW	OAH	RADH	RADW	LBS	
3/4 x 3/4	21	.197	151.2-12-21M	.750	.750	3.150	1.262	.750	1.459	1.790	.750	.530	1.4	
1 x 1	25	.197	151.2-16-25M	1.000	1.000	4.720	1.512	1.000	1.709	1.790	1.000	.530	2.8	
1 1/4 x 1 1/4	25	.197	151.2-20-25M	1.250	1.250	4.724	1.762	1.250	1.959	2.150	1.250	.530	3.5	
	45	.197	151.2-20-45	1.250	1.250	6.299	1.762	1.250	2.037	3.250	1.250	.530	6.0	
1 1/2 x 1 1/2	25	.197	151.2-24-25M	1.500	1.500	4.720	2.012	1.500	2.209	2.400	1.500	.530	4.6	
	45	.197	151.2-24-45	1.500	1.500	6.299	2.012	1.500	2.287	3.250	1.500	.530	7.4	
2 x 2	93	.000	151.2-32-93	2.000	2.000	7.008	2.700	2.000	3.075	5.996	1.969	.530	18.3	

For spare parts, visit www.sandvik.coromant.com

F

G

H



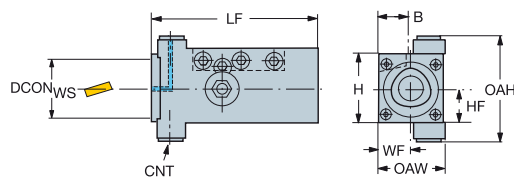
H37



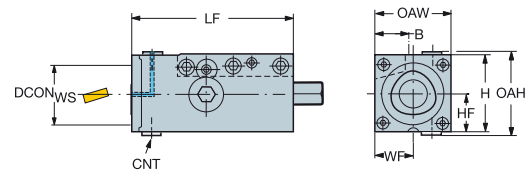
H5

Rectangular shank to Coromant Capto® clamping unit

Cx-R/LC2085



Cx-R/LC2085 (INCH)

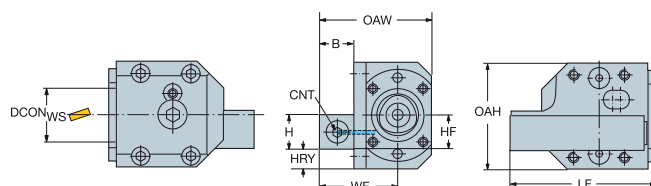


Metric version

					Dimensions, mm												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{WS}	B	H	LF	WF	HF	OAW	OAH	CNT				
40 x 20	C3	6	2	C3-R/LC2085-4038M	32	20	40	95	19.0	20	38	62	G 1/8-28	80	35	1.3	
50 x 25	C4	6	2	C4-R/LC2085-5048	40	25	50	125	24.0	25	48	58	G 1/8-28	80	50	2.3	
64 x 32	C5	6	2	C5-R/LC2085-6464	50	32	64	146	32.0	32	64	72	G 1/8-28	80	70	4.4	

Inch version

				Dimensions, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{WS}	B	H	LF	WF	HF	OAW	OAH	CNT	PSI	FT/ LBS	LBS
2 x 1	C4	6	2	C4-R/LC2085-24102-16M	1.575	1.000	2.000	4.035	.945	1.000	1.890	2.323	G 1/8-28	1160	36	4.5
2 1/2 x 1 1/4	C5	6	2	C5-R/LC2085-32130-20M	1.969	1.250	2.500	5.138	1.260	1.250	2.520	2.835	G 1/8-28	1160	51	8.5



					Dimensions, mm												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{WS}	B	H	LF	WF	HF	OAW	OAH	HRV	CNT	BAR	NM	KG
25 x 26	C4	7	2	C4-R/LC2080-59110A	40	26	25	110	59.0	25	83	77	13	G 1/4-19	80	50	2.9
32 x 33.5	C5	7	2	C5-R/LC2080-77110A	50	33	32	110	77.0	32	109	92	14	G 1/4-19	80	70	5.1
40 x 40	C6	7	2	C6-R/LC2080-93140	63	40	40	140	93.0	40	135	105	13	G 1/4-19	80	90	11.4

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand



G1



H37



H5

A

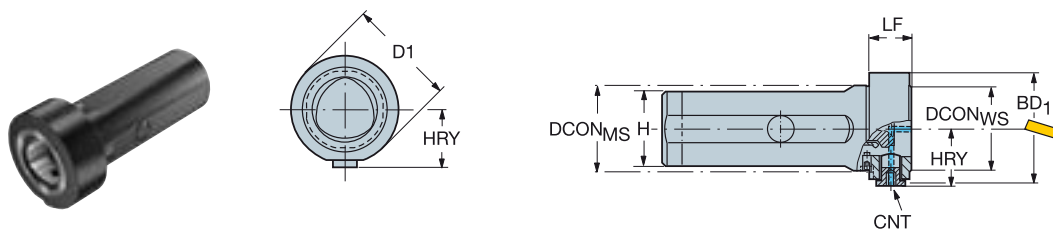
TOOL HOLDING

Non-machine-specific clamping unit

Cylindrical shank with flats to Coromant Capto® clamping unit

Segment clamping

B



C

Metric version

					Dimensions, mm												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	H	LF	OAW	OAH	HRV	CNT	BAR	NM	KG		
32	C3	2	2	C3-NC2000-08018-32	32	32	30	18	45	45	26	G 1/8-28	80	35	0.6		
40	C4	2	2	C4-NC2000-10020-40	40	40	37	20	51	51	28	G 1/8-28	80	50	1.1		
50	C4	2	2	C4-NC2000-12020-50	50	40	47	20	51	51	28	G 1/8-28	80	50	1.6		
	C5	2	2	C5-NC2000-12024-50	50	50	47	24	61	61	33	G 1/8-28	80	70	2.1		
60	C5	2	2	C5-NC2000-14024-60	60	50	57	24	61	61	33	G 1/8-28	80	70	3.1		

D

Inch version

					Dimensions, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	H	LF	OAW	OAH	HRV	CNT	PSI	FT/LBS	LBS		
1 1/4	C3	2	2	C3-NC2000-08018-A20	1.250	1.260	1.181	.709	1.791	1.791	.930	G 1/8-28	1160	25	1.5		
1 1/2	C4	2	2	C4-NC2000-10020-A24	1.500	1.575	1.457	.787	2.028	2.028	1.024	G 1/8-28	1160	36	2.2		
2	C4	2	2	C4-NC2000-12020-A32	2.000	1.575	1.850	.787	2.028	2.028	1.004	G 1/8-28	1160	36	4.1		
	C5	2	2	C5-NC2000-12024-A32	2.000	1.969	1.850	.945	2.421	2.421	1.220	G 1/8-28	1160	51	4.7		

For spare parts, visit www.sandvik.coromant.com

N = Neutral

F

G

H



G1



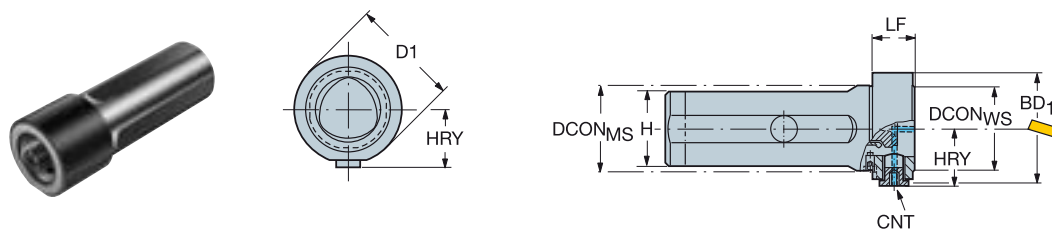
H37



H5

Cylindrical shank with flats to Coromant Capto® clamping unit

Center bolt activated



Metric version

				Ordering code	Dimensions, mm									  		
CZC _{MS}	CZC _{WS}	CNSC	CXSC		DCON _{MS}	DCON _{WS}	H	BD ₁	LF	CNT						
32	C3	2	2	C3-NC3000-08018-32	32.0	32.0	30.0	45.5	18.0	G 1/8-28	80	35.0	0.6			
40	C3	2	2	C3-NC3000-10018-40	40.0	32.0	37.0	45.5	18.0	G 1/8-28	80	35.0	1.1			
	C4	2	2	C4-NC3000-10020-40	40.0	40.0	37.0	51.5	20.0	G 1/8-28	80	50.0	1.1			
50	C5	2	2	C5-NC3000-12024-50	50.0	50.0	47.0	61.5	24.0	G 1/8-28	80	70.0	2.1			
60	C6	2	2	C6-NC3000-14054-60	60.0	63.0	57.0	70.0	54.0	G 1/8-28	80	85.0	4.2			

Inch version

					Dimensions, inch								
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	H	BD ₁	LF	CNT	PSI	FT/ LBS	LBS
1 1/4	C3	2	2	C3-NC3000-08018-A20	1.250	1.260	1.181	1.791	.709	G 1/8-28	1160	25	1.4
1 1/2	C4	2	2	C4-NC3000-10020-A24	1.500	1.575	1.378	2.028	.787	G 1/8-28	1160	36	2.3
2	C4	2	2	C4-NC3000-12020-A32	2.000	1.575	1.850	2.028	.787	G 1/8-28	1160	36	4.2
	C5	2	2	C5-NC3000-12024-A32	2.000	1.969	1.850	2.421	.945	G 1/8-28	1160	51	4.8

For spare parts, visit www.sandvik.coromant.com

N = Neutral



G1



H37

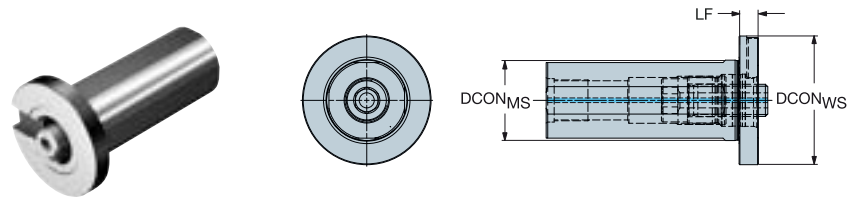


H5

A

B

Cylindrical shank with flats to VL adapter



Metric version

C

				Dimensions, mm							
CZCMS	CZCWS	CNSC	CXSC	Ordering code	DCONMS	DCONWS	H	LF	BAR	NM	KG
50	80	1	1	VL80-NC3000-50	50.0	80.0	47.0	12.0	80	170.0	1.8
60	80	1	1	VL80-NC3000-60	60.0	80.0	57.0	12.0	80	170.0	3.0

Inch version

D

				Dimensions, inch							
CZCMS	CZCWS	CNSC	CXSC	Ordering code	DCONMS	DCONWS	H	LF	PSI	FT/LBS	LBS
2	80	1	1	VL80-NC3000-A32	2.000	3.150	1.850	.472	1160	125	4.2
2 1/2	80	1	1	VL80-NC3000-A40	2.500	3.150	2.362	.472	1160	125	7.5

For spare parts, visit www.sandvik.coromant.com N = Neutral

E

F

G

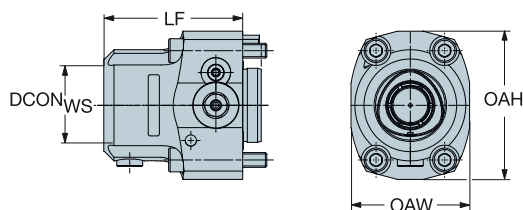
H



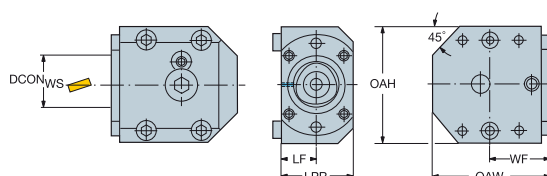
Manual clamping unit

For special applications

Coromant Capto®



					Dimensions, mm, inch								
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{WS}	B	H	LF	OAW	OAH	BAR PSI	NM	KG
64 x 80	C5	6	1	C5-R/LC2095-00075	50	64	80	75	64	80	200	70	1.9
					1.969	2.520	3.150	2.953	2.520	3.150	2900		
74 x 135	C6	6	1	C6-R/LC2095-00090	63	74	135	90	74	135	200	90	4.3
					2.480	2.913	5.315	3.543	2.913	5.315	2900		
93 x 155	C8	6	1	C8-R/LC2095-00110	80	93	155	110	93	155	200	130	7.3
					3.150	3.661	6.102	4.331	3.661	6.102	2900		
126 x 208	C10	6	1	C10-R/LC2095-00182	100	126	208	182	126	208	200	285	19.6
					3.937	4.961	8.201	7.165	4.961	8.201	2900		



					Dimensions, mm, inch										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{WS}	B	H	LPR	LF	WF	OAW	OAH			
73 x 54	C3	6	2	C3-R/LC2090-19039M	32	73	54	38	19	39.0	73	54	80	35	1.1
					1.260	2.874	2.126	1.496	.748	1.535	2.874	2.126	1160		
86 x 77	C4	6	2	C4-R/LC2090-24043A	40	86	77	48	24	43.0	86	77	80	50	2.2
					1.575	3.386	3.032	1.890	.945	1.693	3.386	3.032	1160		
100 x 92	C5	6	2	C5-R/LC2090-32048A	50	100	92	64	32	48.0	100	92	80	70	3.7
					1.969	3.937	3.622	2.520	1.260	1.890	3.937	3.622	1160		
122 x 105	C6	6	1	C6-R/LC2090-42060	63	122	105	84	42	60.0	122	105	80	90	7.0
					2.480	4.803	4.134	3.307	1.654	2.362	4.803	4.134	1160		
146 x 133	C8	6	2	C8-R/LC2090-50088	80	146	133	100	50	88.0	146	133	80	130	13.3
					3.150	5.748	5.236	3.937	1.969	3.465	5.748	5.236	1160		

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

Note! Tighten the screw with a torque wrench. Information on page G16.



G1



H37



H5

VDI

How to choose the right tool - Coromant® Capto

B

External machining

Clockwise spindle direction	Counterclockwise spindle direction
 Note: Polygon sleeve must be turned 180°.	 Note: Polygon sleeve must be turned 180°.

E

Internal machining

Clockwise spindle direction	Counterclockwise spindle direction
 Note: Polygon sleeve must be turned 180°.	 Note: Polygon sleeve must be turned 180°.

VDI

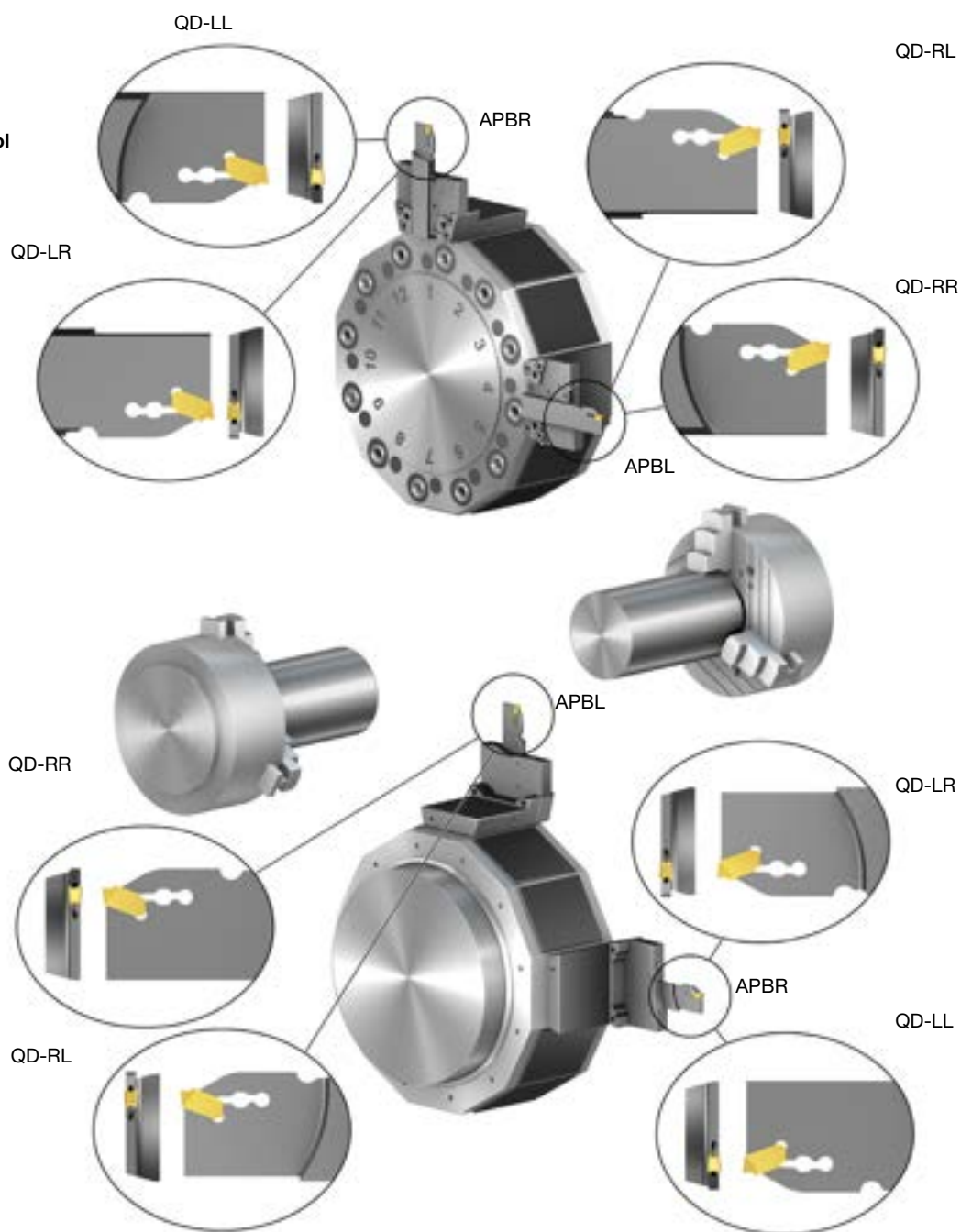
How to choose the right tool - CoroCut® QD

Tool in hand

Axial
VDI
Blade

How to choose the right tool

Right hand or Left hand
Tools and adapters



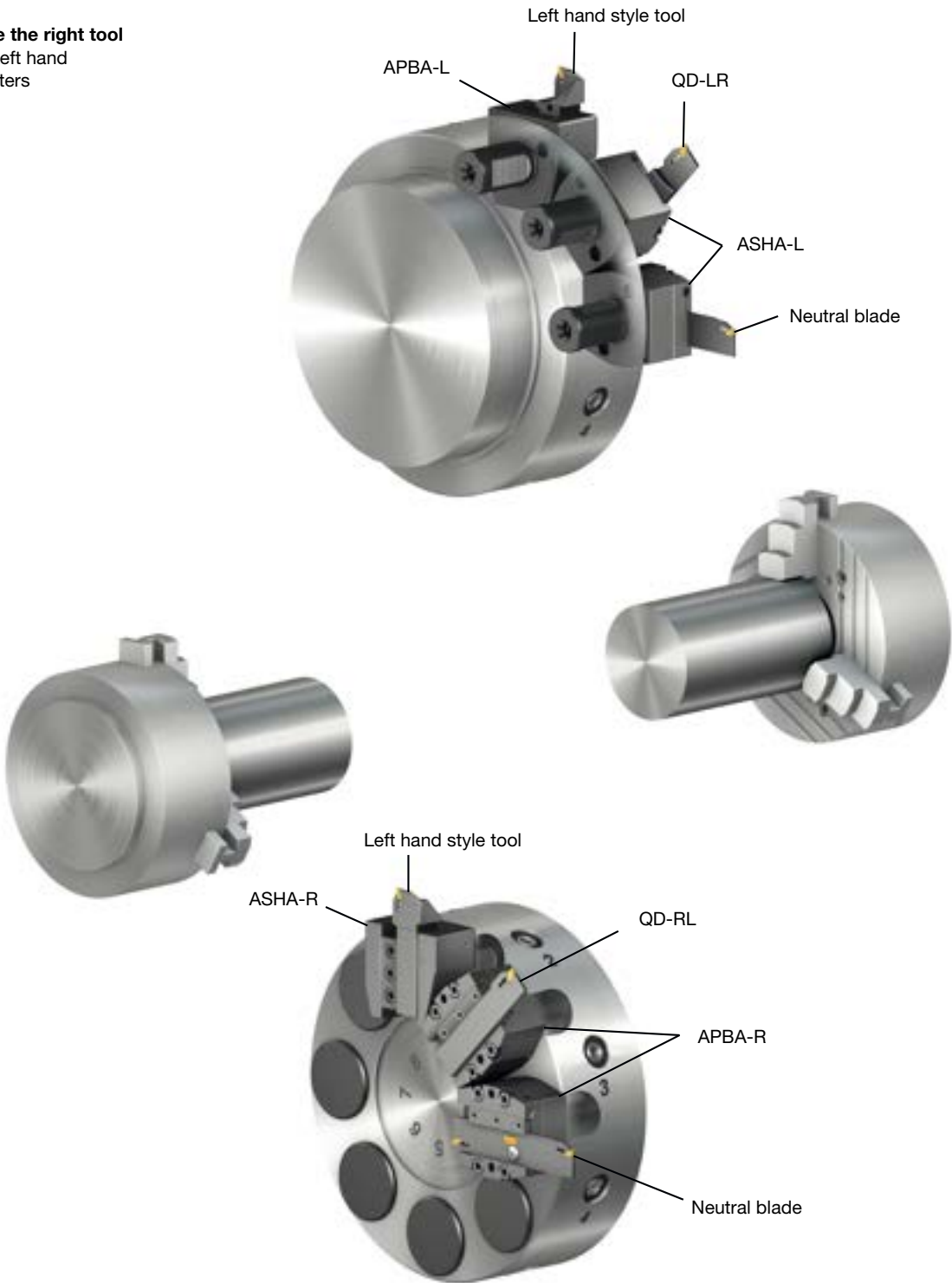
VDI

How to choose the right tool

Tool in hand

Radial
VDI Blade
QS Shank

How to choose the right tool
Right hand or Left hand
Tools and adapters



Turning tool adapters

Conventional adapters

Coromant Capto®	F3-F31
HSK	F32-F38
Rectangular shank	F39-F43
Cylindrical shank	F44-F46
Cylindrical shank with flat	F47-F53
CoroTurn® SL	F54-F60

Damped adapters

	F61
Coromant Capto®	F62-F70
HSK	F71-F72
Cylindrical shank	F73-F80

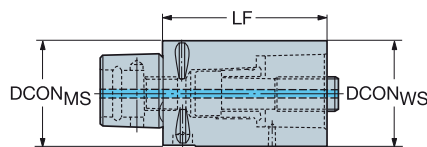
Conventional adapters

		Machine side						
		Coromant Capto®	HSK	Rectangular shank	Cylindrical shank	Cylindrical shank with flats	Bolt pattern	CoroTurn® SL
Workpiece side	Coromant Capto®	-Extension -Reduction -90° F3-F9						-Quick change F55
	CoroTurn® SL	-Adapter -Mini-turret -SL70 F10-F22	-Adapter -SL70 F33-F35	-Adapter F40-F41	-Adapter F45	-Adapter F48-F49	-Adapter F58	-Reduction -Quick change -SL70 -Mini-turret -570-80 to SL Quick change F56-F59
	Rectangular shank	-Adapter -Mini-turret F24-F28	-Adapter F36					-Adapter F60
	CoroChuck™ 935	-Adapter F27	-Adapter F37			-Adapter F50		
	Cylindrical shank	-Adapter -EasyFix F24	-Adapter F38					
	CoroTurn® XS	-Adapter F30		-Adapter F42		-Adapter -Double-ended F51-F52		
	Blade	-Adapter F31	-Adapter F38					
	CoroCut® MB			-Adapter F43	-Adapter F46	-Adapter F53		
	VL					-Adapter E16		

Damped adapters

		Machine side		
		Coromant Capto®	Cylindrical shank	HSK
Workpiece side	Coromant Capto®		-Adapter F74	
	CoroTurn® SL	-Adapter -Two heads -Carbide reinforced -Elliptical F62-F69	-Adapter -Carbide reinforced F74-F77	-Adapter F72
	CoroTurn® SL quick change	-Adapter F70	-Adapter -Carbide reinforced F78-F72	

Coromant Capto® extension adapter



					Dimensions, mm, inch					
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	BAR PSI	NM	KG
C3	C3	3	1	C3-391.01-32 060A	32.0	32.0	60.0	80	45.0	0.36
					1.260	1.260	2.362	1160		
	C3	3	1	C3-391.01-32 080A	32.0	32.0	80.0	80	45.0	0.47
					1.260	1.260	3.150	1160		
	C3	3	1	C3-391.01-32 095	32.0	32.0	95.0	80	45.0	0.56
					1.260	1.260	3.740	1160		
C4	C4	3	1	C4-391.01-40 060A	40.0	40.0	60.0	80	55.0	0.57
					1.575	1.575	2.362	1160		
	C4	3	1	C4-391.01-40 080A	40.0	40.0	80.0	80	55.0	0.70
					1.575	1.575	3.150	1160		
	C4	3	1	C4-391.01-40 120	40.0	40.0	120.0	80	55.0	1.11
					1.575	1.575	4.724	1160		
C5	C5	3	1	C5-391.01-50 080A	50.0	50.0	80.0	80	95.0	1.15
					1.969	1.969	3.150	1160		
	C5	3	1	C5-391.01-50 100A	50.0	50.0	100.0	80	95.0	1.38
					1.969	1.969	3.937	1160		
	C5	3	1	C5-391.01-50 150	50.0	50.0	150.0	80	95.0	2.17
					1.969	1.969	5.906	1160		
C6	C6	3	1	C6-391.01-63 100A	63.0	63.0	100.0	80	170.0	2.26
					2.480	2.480	3.937	1160		
	C6	3	1	C6-391.01-63 140A	63.0	63.0	140.0	80	170.0	3.17
					2.480	2.480	5.512	1160		
	C6	3	1	C6-391.01-63 185	63.0	63.0	185.0	80	170.0	4.19
					2.480	2.480	7.283	1160		
C8	C8	3	1	C8-391.01-80 100A	80.0	80.0	100.0	80	170.0	3.70
					3.150	3.150	3.937	1160		
	C8	3	1	C8-391.01-80 125A	80.0	80.0	125.0	80	170.0	4.64
					3.150	3.150	4.921	1160		
	C8	3	1	C8-391.01-80 200	80.0	80.0	200.0	80	170.0	7.47
					3.150	3.150	7.874	1160		
C10	C10	3	1	C10-391.01-100 140	100.0	100.0	140.0	80	380.0	7.93
					3.937	3.937	5.512	1160		
	C10	3	1	C10-391.01-100 200	100.0	100.0	200.0	80	380.0	11.49
					3.937	3.937	7.874	1160		

For spare parts, visit www.sandvik.coromant.com

G1



H37



H28



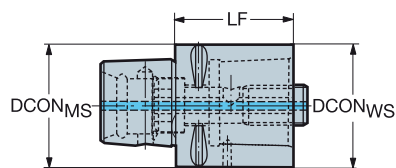
H5

A

Coromant Capto® extension adapter

Short version, for segment clamping only

B



C

				Dimensions, mm, inch						
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	BAR PSI	NM	KG
C3	C3	3	1	C3-391.01-32 035	32.0	32.0	35.0	80	45.0	0.22
					1.260	1.260	1.378	1160		
C4	C4	3	1	C4-391.01-40 040	40.0	40.0	40.0	80	55.0	0.40
					1.575	1.575	1.575	1160		
C5	C5	3	1	C5-391.01-50 050	50.0	50.0	50.0	80	95.0	0.73
					1.969	1.969	1.969	1160		
C6	C6	3	1	C6-391.01-63 060	63.0	63.0	60.0	80	170.0	1.36
					2.480	2.480	2.362	1160		
C8	C8	3	1	C8-391.01-80 065	80.0	80.0	65.0	80	170.0	2.41
					3.150	3.150	2.559	1160		

D

Polygon 180 degrees rotated

				Dimensions, mm, inch						
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	BAR PSI	NM	KG
C5	C5	3	1	C5-391.01R-50 050	50.0	50.0	50.0	80	95.0	0.74
					1.969	1.969	1.969	1160		
C6	C6	3	1	C6-391.01R-63 060	63.0	63.0	60.0	80	170.0	1.36
					2.480	2.480	2.362	1160		
C8	C8	3	1	C8-391.01R-80 065	80.0	80.0	65.0	80	170.0	2.40
					3.150	3.150	2.559	1160		

E

For spare parts, visit www.sandvik.coromant.com

Note!

F

Not possible to use together with basic holders using center bolt clamping.

G

H



G1



H37

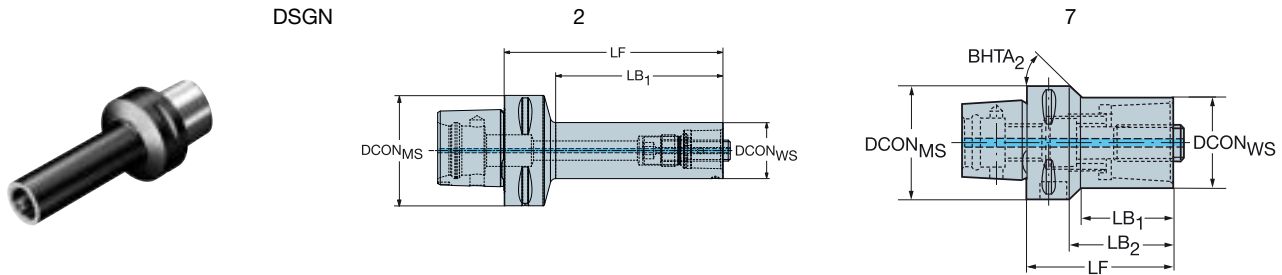


H28



H5

Coromant Capto® reduction adapter



					Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₂	BD ₃	BHTA ₂	BAR PSI	NM	KG
C4	C3	3	1	2	C4-391.02-32 055A	40.0	32.0	55.0	31.0	55.0		40.0		0°	80	45.0	0.49
	C3	3	1	2	C4-391.02-32 120	1.575	1.260	2.165	1.220	2.165		1.575		0°	80	45.0	0.81
						40.0	32.0	120.0	95.7	120.0		40.0					
						1.575	1.260	4.724	3.768	4.724		1.575					
C5	C3	3	1	2	C5-391.02-32 060A	50.0	32.0	60.0	34.8	60.0		50.0		0°	80	45.0	0.68
	C3	3	1	2	C5-391.02-32 120	1.969	1.260	2.362	1.370	2.362		1.969		0°	80	45.0	0.99
						50.0	32.0	120.0	94.4	120.0		50.0					
						1.969	1.260	4.724	3.717	4.724		1.969					
	C4	3	1	2	C5-391.02-40 065A	50.0	40.0	65.0	40.0	65.0		50.0		0°	80	55.0	0.80
						1.969	1.575	2.559	1.575	2.559		1.969					
	C4	3	1	2	C5-391.02-40 140	50.0	40.0	140.0	115.5	140.0		50.0		0°	80	55.0	1.46
						1.969	1.575	5.512	4.547	5.512		1.969					
C6	C3	3	1	2	C6-391.02-32 070A	63.0	32.0	70.0	39.0	70.0		63.0		0°	80	45.0	1.12
						2.480	1.260	2.756	1.535	2.756		2.480					
	C3	3	1	2	C6-391.02-32 125	63.0	32.0	125.0	95.6	125.0		63.0		0°	80	45.0	1.43
						2.480	1.260	4.921	3.764	4.921		2.480					
	C4	3	1	2	C6-391.02-40 080A	63.0	40.0	80.0	51.4	80.0		63.0		0°	80	55.0	1.32
						2.480	1.575	3.150	2.024	3.150		2.480					
	C4	3	1	2	C6-391.02-40 145	63.0	40.0	145.0	116.7	145.0		63.0		0°	80	55.0	1.86
						2.480	1.575	5.709	4.594	5.709		2.480					
	C5	3	1	2	C6-391.02-50 080A	63.0	50.0	80.0	51.5	80.0		63.0		0°	80	95.0	1.53
						2.480	1.969	3.150	2.028	3.150		2.480					
	C5	3	1	2	C6-391.02-50 175	63.0	50.0	175.0	148.1	175.0		63.0		0°	80	95.0	2.79
						2.480	1.969	6.890	5.831	6.890		2.480					
C8	C3	3	1	2	C8-391.02-32 060B	80.0	32.0	60.0	20.7	60.0		80.0		0°	80	45.0	2.07
						3.150	1.260	2.362	.815	2.362		3.150					
	C3	3	1	2	C8-391.02-32 135	80.0	32.0	135.0	95.7	135.0		80.0		0°	80	45.0	2.53
						3.150	1.260	5.315	3.768	5.315		3.150					
	C4	3	1	2	C8-391.02-40 070B	80.0	40.0	70.0	31.4	70.0		80.0		0°	80	55.0	2.20
						3.150	1.575	2.756	1.236	2.756		3.150					
	C4	3	1	2	C8-391.02-40 155	80.0	40.0	155.0	116.4	155.0		80.0		0°	80	55.0	2.97
						3.150	1.575	6.102	4.583	6.102		3.150					
	C5	3	1	2	C8-391.02-50 080B	80.0	50.0	80.0	42.8	80.0		80.0		0°	80	95.0	2.43
						3.150	1.969	3.150	1.685	3.150		3.150					
	C5	3	1	2	C8-391.02-50 185	80.0	50.0	185.0	147.8	185.0		80.0		0°	80	95.0	3.88
						3.150	1.969	7.283	5.819	7.283		3.150					
	C6	3	1	2	C8-391.02-63 080B	80.0	63.0	80.0	44.5	80.0		80.0		0°	80	170.0	2.65
						3.150	2.480	3.150	1.752	3.150		3.150					
	C6	3	1	7	C8-391.02-63 120A	80.0	63.0	120.0	12.0	90.0	120.0	63.0	80.0	6°	80	170.0	4.10
						3.150	2.480	4.724	.472	3.543	4.724	2.480	3.150				
	C6	3	1	2	C8-391.02-63 200	80.0	63.0	200.0	164.5	200.0		80.0		0°	80	170.0	5.37
						3.150	2.480	7.874	6.476	7.874		3.150					
C10	C3	3	1	7	C10-391.02-32 085	100.0	32.0	85.0	29.4	49.0	85.0	32.0	100.0	60°	80	45.0	4.15
						3.937	1.260	3.346	1.157	1.929	3.346	1.260	3.937				
	C4	3	1	7	C10-391.02-40 090	100.0	40.0	90.0	36.7	54.0	90.0	40.0	100.0	60°	80	55.0	4.25
						3.937	1.575	3.543	1.445	2.126	3.543	1.575	3.937				
	C5	3	1	7	C10-391.02-50 095	100.0	50.0	95.0	44.6	59.0	95.0	50.0	100.0	60°	80	95.0	4.42
						3.937	1.969	3.740	1.756	2.323	3.740	1.969	3.937				
	C6	3	1	7	C10-391.02-63 095	100.0	63.0	95.0	48.3	59.0	95.0	63.0	100.0	60°	80	170.0	4.68
						3.937	2.480	3.740	1.902	2.323	3.740	2.480	3.937				
	C6	3	1	2	C10-391.02-63 200	100.0	63.0	200.0	155.8	200.0		100.0		0°	80	170.0	6.92
						3.937	2.480	7.874	6.134	7.874		3.937					
	C8	3	1	7	C10-391.02-80 100	100.0	80.0	100.0	58.2	64.0	100.0	80.0	100.0	60°	80	170.0	5.25
						3.937	3.150	3.937	2.291	2.520	3.937	3.150	3.937				
	C8	3	1	2	C10-391.02-80 200	100.0	80.0	200.0	158.1	200.0		100.0		0°	80	170.0	8.92
						3.937	3.150	7.874	6.224	7.874		3.937					

For spare parts, visit www.sandvik.coromant.com

G1



H37



H28



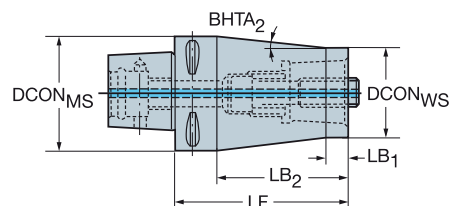
H5



A

Coromant Capto® reduction adapter

B



C

					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	BHTA ₂			
C4	C3	3	1	7	C4-391.02-32 070A	40.0	32.0	70.0	12.0	50.0	6°	80	45.0	0.59
						1.575	1.260	2.756	.472	1.969		1160		
C5	C3	3	1	7	C5-391.02-32 150	50.0	32.0	150.0	5.0	128.2	8°	80	45.0	1.65
						1.969	1.260	5.906	.197	5.047		1160		
	C4	3	1	7	C5-391.02-40 085A	50.0	40.0	85.0	12.0	65.0	5°	80	45.0	1.10
						1.969	1.575	3.346	.472	2.559		1160		
C6	C3	3	1	7	C6-391.02-32 185	63.0	32.0	185.0	5.0	162.2	11°	80	45.0	2.99
						2.480	1.260	7.283	.197	6.386		1160		
	C4	3	1	7	C6-391.02-40 185	63.0	40.0	185.0	5.0	162.2	8°	80	55.0	3.23
						2.480	1.575	7.283	.197	6.386		1160		
	C5	3	1	7	C6-391.02-50 110A	63.0	50.0	110.0	12.0	88.0	5°	80	95.0	2.23
						2.480	1.969	4.331	.472	3.465		1160		
C8	C4	3	1	7	C8-391.02-40 200	80.0	40.0	200.0	5.0	169.2	13°	80	55.0	5.42
						3.150	1.575	7.874	.197	6.661		1160		
	C5	3	1	7	C8-391.02-50 200	80.0	50.0	200.0	5.0	169.2	10°	80	95.0	5.84
						3.150	1.969	7.874	.197	6.661		1160		

For spare parts, visit www.sandvik.coromant.com

E

F

G

H



G1



H37



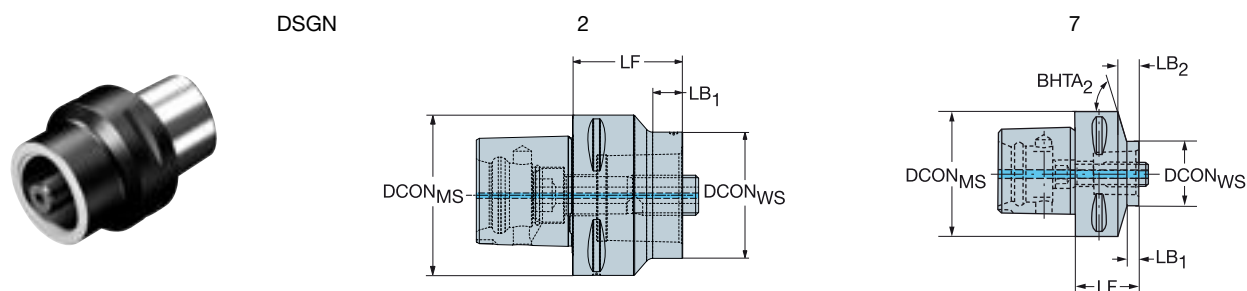
H28



H5

Coromant Capto® reduction adapter

Short version, for segment clamping only



		Dimensions, mm, inch															
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁	LB ₂	LB ₃	BD ₂	BD ₃	BHTA ₂			
C5	C3	3	1	2	C5-391.02-32 033A	50.0	32.0	33.0	5.0	33.0		50.0		0°	80	45.0	0.54
						1.969	1.260	1.299	.197	1.299		1.969			1160		
	C4	3	1	2	C5-391.02-40 040A	50.0	40.0	40.0	15.0	40.0		50.0		0°	80	55.0	0.59
						1.969	1.575	1.575	.591	1.575		1.969			1160		
C6	C3	3	1	2	C6-391.02-32 032	63.0	32.0	32.0	6.0	32.0		63.0		0°	80	45.0	0.91
						2.480	1.260	1.260	.236	1.260		2.480			1160		
	C4	3	1	2	C6-391.02-40 040	63.0	40.0	40.0	11.0	40.0		63.0		0°	80	55.0	0.98
						2.480	1.575	1.575	.433	1.575		2.480			1160		
	C5	3	1	2	C6-391.02-50 050A	63.0	50.0	50.0	20.0	50.0		63.0		0°	80	95.0	1.11
						2.480	1.969	1.969	.787	1.969		2.480			1160		
C8	C5	3	1	2	C8-391.02-50 045A	80.0	50.0	45.0	5.0	45.0		80.0		0°	80	95.0	2.00
						3.150	1.969	1.772	.197	1.772		3.150			1160		
	C6	3	1	2	C8-391.02-63 055A	80.0	63.0	55.0	15.0	55.0		80.0		0°	80	170.0	2.15
						3.150	2.480	2.165	.591	2.165		3.150			1160		
C10	C6	3	1	7	C10-391.02-63 055	100.0	63.0	55.0	14.0	19.0	55.0	63.0	100.0	75°	80	170.0	3.70
						3.937	2.480	2.165	.551	.748	2.165	2.480	3.937		1160		
	C8	3	1	7	C10-391.02-80 065	100.0	80.0	65.0	25.4	29.0	65.0	80.0	100.0	70°	80	170.0	3.92
						3.937	3.150	2.559	1.000	1.142	2.559	3.150	3.937		1160		

Polygon 180 degrees rotated

					Dimensions, mm, inch											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	LB ₁							
C8	C6	3	1	2	C8-391.02R-63 055A	80.0	63.0	55.0	15.0	80	170.0	2.13				
						3.150	2.480	2.165	.591	1160						

For spare parts, visit www.sandvik.coromant.com

Note!

Not possible to use together with basic holders using center bolt clamping.



G1



H37



H28

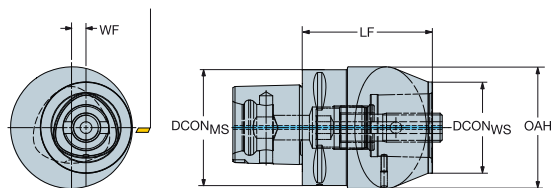


H5

A

Coromant Capto® offset reduction adapter

For segment clamping only



B

C

					Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LB _i	LF	WF	OAW	OAH	RADH	RADW	DIX			
C8	C6	3	1	C8-391.02-63 090R/L	80.0	63	3	90	10.0	80	84	42	42	84	80	170	3.577
					3.150	2.480	.118	3.543	.394	3.150	3.307	1.654	1.654	3.307	1160		
C10	C8	3	1	C10-391.02-80 080R/L	100.0	80	3	80	13.0	100	107	53	53	107	80	170	5.254
					3.937	3.150	.118	3.150	.512	3.937	4.213	2.106	2.106	4.213	1160		

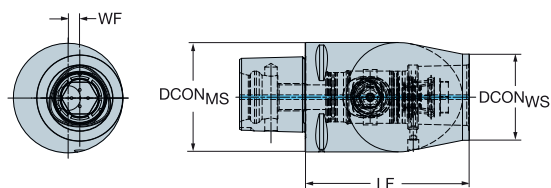
R = Right hand, L = Left hand

D

Note!

Not possible to use together with basic holders using center bolt clamping.

Coromant Capto® offset reduction adapter with quick change



E

F

						Dimensions, mm, inch							
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LF	WF				
C6	C5	3	1	2	C6-QC-C5-100R/L07	63.0	50	100	6.5	150	70	2.099	
						2.480	1.969	3.937	.256	2175			
C8	C6	3	1	2	C8-QC-C6-120R/L09	80.0	63	120	8.5	150	90	4.220	
						3.150	2.480	4.724	.335	2175			
C10	C6	3	1	2	C10-QC-C6-125R19	100.0	63	125	18.5	150	130	6.200	
						3.937	2.480	4.921	.728	2175			

G

For spare parts, visit www.sandvik.coromant.com

R = Right hand

H



G1

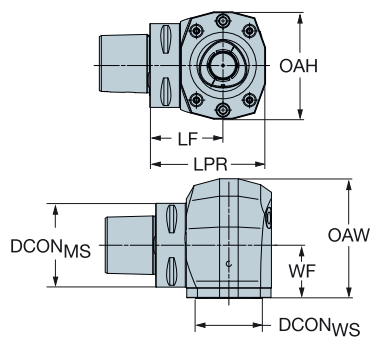


H37



H5

Coromant Capto® 90° reduction adapter



				Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LPR	LF	WF	OAW	OAH	RADW				
C5	C4	3	1	C5-R/L-C4-L-44035	50.0	40	68	44	35.0	79	66	35	200	50	1.783	
					1.969	1.575	2.677	1.732	1.378	3.110	2.598	1.378	2900			
		3	1	C5-R/L-C4-R-44035	50.0	40	68	44	35.0	79	66	35	200	50	1.763	
					1.969	1.575	2.677	1.732	1.378	3.110	2.598	1.378	2900			
C6	C5	3	1	C6-R/L-C5-L-55040	63.0	50	87	55	40.0	90	81	40	200	70	3.169	
					2.480	1.969	3.425	2.165	1.575	3.543	3.189	1.575	2900			
		3	1	C6-R/L-C5-R-55040	63.0	50	87	55	40.0	90	81	40	200	70	3.210	
					2.480	1.969	3.425	2.165	1.575	3.543	3.189	1.575	2900			
C8	C6	3	1	C8-R/L-C6-L-72050	80.0	63	106	69	50.0	109	104	50	200	90	6.243	
					3.150	2.480	4.173	2.717	1.969	4.291	4.114	1.969	2900			
		3	1	C8-R/L-C6-R-72050	80.0	63	106	69	50.0	109	104	50	200	90	6.237	
					3.150	2.480	4.173	2.717	1.969	4.291	4.114	1.969	2900			

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand



G1

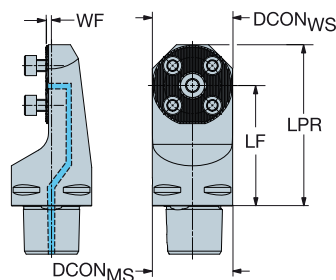


H37



H5

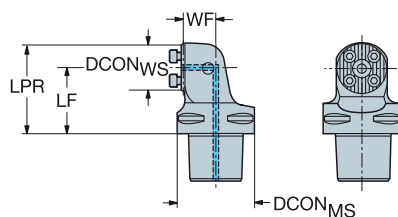
Coromant Capto® to CoroTurn® SL adapter



C For face grooving

					Dimensions, mm, inch								
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LPR	LF	WF				
C4	32	3	1	C4-SL-32-60-R/LF	40.0	32	76	60	6.5	150	8	0.561	
					1.575	1.260	3.004	2.362	.256	2175			
C5	32	3	1	C5-SL-32-75-R/LF	50.0	32	91	75	11.5	150	8	0.975	
					1.969	1.260	3.594	2.953	.453	2175			
C6	32	3	1	C6-SL-32-90-R/LF	63.0	32	106	90	16.5	150	8	1.550	
					2.480	1.260	4.185	3.543	.650	2175			
	40	3	1	C6-SL-40-90-R/LF	63.0	40	110	90	12.5	150	17	1.650	
					2.480	1.575	4.343	3.543	.492	2175			

R = Right hand, L = Left hand



					Dimensions, mm, inch								
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LPR	LF	WF				
C4	25	3	1	C4-570-25-R/LF	40.0	25	49	37	13.0	70	3	0.399	
					1.575	.984	1.961	1.457	.512	1015			
	32	3	1	C4-570-32-R/LF	40.0	32	59	43	13.0	70	8	0.500	
					1.575	1.260	2.354	1.713	.512	1015			
	40	3	1	C4-570-40-R/LF	40.0	40	68	48	13.0	70	17	0.646	
					1.575	1.575	2.709	1.909	.512	1015			
C5	25	3	1	C5-570-25-R/LF	50.0	25	48	36	21.0	70	3	0.598	
					1.969	.984	1.921	1.417	.827	1015			
	32	3	1	C5-570-32-R/LF	50.0	32	58	42	21.0	70	8	0.714	
					1.969	1.260	2.295	1.654	.827	1015			
	40	3	1	C5-570-40-R/LF	50.0	40	66	46	21.0	70	17	0.909	
					1.969	1.575	2.610	1.811	.827	1015			
C6	32	3	1	C6-570-32-R/LF	63.0	32	54	38	31.0	70	8	1.017	
					2.480	1.260	2.157	1.516	1.220	1015			
	40	3	1	C6-570-40-R/LF	63.0	40	62	42	31.0	70	17	1.239	
					2.480	1.575	2.472	1.673	1.220	1015			
C8	32	3	1	C8-570-32-R/LF	80.0	32	62	46	41.0	70	8	2.023	
					3.150	1.260	2.453	1.811	1.614	1015			
	40	3	1	C8-570-40-R/LF	80.0	40	70	50	41.0	70	17	2.304	
					3.150	1.575	2.768	1.969	1.614	1015			

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

To correspond with coupling size, CZC_{WS} for respective CoroCut® SL and T-Max Q-Cut® SL heads. Right 0° fits left hand heads, right 45° fits right hand heads. Left and right 90° fit both left and right hand heads. Neutral 90° fits both left and right hand heads.



G1



H37



H5



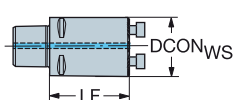
H2

Coromant Capto® to CoroTurn® SL adapter

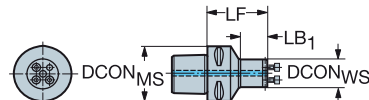


DSGN

1



2



					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LB ₁	LF	BAR PSI	NM	KG		
C3	32	3	1	1	C3-570-32-NG	32.0	32	22	22	150	8	0.194		
						1.260	1.260	.866	.866	2175				
C4	32	3	1	2	C4-570-32-NG	40.0	32	8	32	150	8	0.367		
						1.575	1.260	.315	1.260	2175				
	40	3	1	1	C4-570-40-NG	40.0	40	32	32	150	17	0.416		
						1.575	1.575	1.260	1.260	2175				
C5	40	3	1	2	C5-570-40-NG	50.0	40	17	42	150	17	0.700		
						1.969	1.575	.669	1.654	2175				
C6	40	3	1	2	C6-570-40-NG	63.0	40	16	47	150	17	1.115		
						2.480	1.575	.630	1.850	2175				

For spare parts, visit www.sandvik.coromant.com

N = Neutral



G1



H37



H5

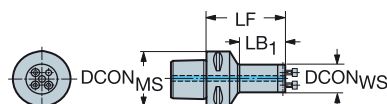


H2

A

Coromant Capto® to CoroTurn® SL adapter

B



C

						Dimensions, mm, inch							
CZC _{MS}	CZC _{WS}	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LB ₁	LF				
C3	20	50.0 1.969	3	1	C3-570-2C 20 050	32.0 1.260	20 .787	32 1.260	50 1.969	70 1015	2	0.220	
	25	64.0 2.520	3	1	C3-570-2C 25 064	32.0 1.260	25 .984	46 1.811	64 2.520	70 1015	3	0.320	
	32	37.0 1.457	3	1	C3-570-2C 32 037	32.0 1.260	32 1.260	37 1.457	37 1.457	70 1015	8	0.286	
		53.0 2.087	3	1	C3-570-2C 32 053	32.0 1.260	32 1.260	53 2.087	53 2.087	70 1015	8	0.400	
C4	16	48.0 1.890	3	1	C4-570-2C 16 048	40.0 1.575	16 .630	23 .906	48 1.890	70 1015	2	0.334	
	20	58.0 2.283	3	1	C4-570-2C 20 058	40.0 1.575	20 .787	34 1.339	58 2.283	70 1015	2	0.400	
	25	64.0 2.520	3	1	C4-570-2C 25 064	40.0 1.575	25 .984	42 1.654	64 2.520	70 1015	3	0.450	
	32	74.0 2.913	3	1	C4-570-2C 32 074	40.0 1.575	32 1.260	51 2.008	74 2.913	70 1015	8	0.611	
	40	53.0 2.087	3	1	C4-570-2C 40 053	40.0 1.575	40 1.575	40 1.575	53 2.087	70 1015	17	0.627	
		73.0 2.874	3	1	C4-570-2C 40 073	40.0 1.575	40 1.575	73 2.874	73 2.874	70 1015	17	0.814	
	C5	16	52.0 2.047	3	1	C5-570-2C 16 052	50.0 1.969	16 .630	28 1.102	52 2.047	70 1015	2	0.543
	20	59.0 2.323	3	1	C5-570-2C 20 059	50.0 1.969	20 .787	33 1.299	59 2.323	70 1015	2	0.600	
C5	25	67.0 2.638	3	1	C5-570-2C 25 067	50.0 1.969	25 .984	41 1.614	67 2.638	70 1015	3	0.644	
	32	75.0 2.953	3	1	C5-570-2C 32 075	50.0 1.969	32 1.260	48 1.890	75 2.953	70 1015	8	0.825	
	40	94.0 3.701	3	1	C5-570-2C 40 094	50.0 1.969	40 1.575	72 2.835	94 3.701	70 1015	17	1.220	
	C6	16	56.0 2.205	3	1	C6-570-2C 16 056	63.0 2.480	16 .630	28 1.102	56 2.205	70 1015	2	0.942
C6	20	68.0 2.677	3	1	C6-570-2C 20 068	63.0 2.480	20 .787	40 1.575	67 2.638	70 1015	2	1.000	
	25	82.0 3.228	3	1	C6-570-2C 25 082	63.0 2.480	25 .984	55 2.165	82 3.228	70 1015	3	1.105	
	32	81.0 3.189	3	1	C6-570-2C 32 081	63.0 2.480	32 1.260	51 2.008	81 3.189	70 1015	8	1.242	
	40	92.0 3.622	3	1	C6-570-2C 40 092	63.0 2.480	40 1.575	63 2.480	92 3.622	70 1015	17	1.480	
C8	40	110.0 4.331	3	1	C8-570-2C 40 110	80.0 3.150	40 1.575	78 3.071	110 4.331	150 2175	17	2.540	

For spare parts, visit www.sandvik.coromant.com

G

H



G1



H37



H5

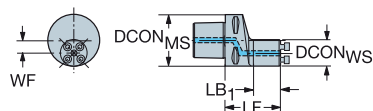


H2

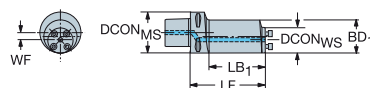
Coromant Capto® to CoroTurn® SL adapter



Cx-570-2C..R/L



Cx-570-2C..R/L40



				Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	BD ₁	LB ₁	LF	WF			
C4	16	3	1	C4-570-2C 16 041R/L	40.0	16	16	12	41	12.0	70	2	0.336
					1.575	.630	.630	.472	1.614	.472	1015		
	20	3	1	C4-570-2C 20 047R/L	40.0	20	20	20	47	10.0	70	2	0.357
					1.575	.787	.787	.787	1.850	.394	1015		
	25	3	1	C4-570-2C 25 051R/L	40.0	25	25	25	51	7.5	70	3	0.420
C5					1.575	.984	.984	.984	2.008	.295	1015		
	32	3	1	C4-570-2C 32 056R/L	40.0	32	32	32	56	4.0	70	8	0.516
					1.575	1.260	1.260	1.260	2.205	.157	1015		
	20	3	1	C5-570-2C 20 050R	50.0	20	20	20	50	15.0	70	2	0.575
					1.969	.787	.787	.787	1.969	.591	1015		
C6	25	3	1	C5-570-2C 25 054R/L	50.0	25	25	25	54	12.5	70	3	0.625
					1.969	.984	.984	.984	2.126	.492	1015		
	32	3	1	C5-570-2C 32 061R/L	50.0	32	32	32	61	9.0	70	8	0.800
					1.969	1.260	1.260	1.260	2.402	.354	1015		
	40	3	1	C5-570-2C 40 075R/L	50.0	40	40	48	75	5.0	70	17	1.024
C8					1.969	1.575	1.575	1.890	2.953	.197	1015		
	25	3	1	C6-570-2C 25 056R/L	63.0	25	25	25	56	19.0	70	3	0.986
					2.480	.984	.984	.984	2.205	.748	1015		
	32	3	1	C6-570-2C 32 066R/L	63.0	32	32	32	66	15.5	70	8	1.150
					2.480	1.260	1.260	1.260	2.598	.610	1015		
C8	40	3	1	C6-570-2C 40 080R/L	63.0	40	40	48	80	11.5	70	17	1.457
					2.480	1.575	1.575	1.890	3.150	.453	1015		
			1	C6-570-2C 50 097R/L40	63.0	40	50	68	97	12.0	70	17	1.965
					2.480	1.575	1.969	2.677	3.819	.472	1015		
			1	C6-570-2C 60 112R/L40	63.0	40	60	88	112	10.0	70	17	2.734
C8					2.480	1.575	2.362	3.465	4.409	.394	1015		
	40	3	1	C8-570-2C 40 089R/L	80.0	40	40	89	89	20.0	150	17	2.380
					3.150	1.575	1.575	3.504	3.504	.787	2175		

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand



G1



H37



H5

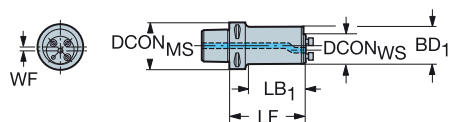


H2

A

Coromant Capto® to CoroTurn® SL adapter

B



C

				Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	BD ₁	LB ₁	LF	WF			
C5	40	3	1	C5-570-2C 50 073-40R/L	50.0	40	50	73	73	5.0	70	17	1.259
					1.969	1.575	1.969	2.874	2.874	.197	1015		
					1.969	1.575	1.969	3.858	3.858	.197	1015		
		3	1	C5-570-2C 50 098-40R/L	50.0	40	50	98	98	5.0	70	17	1.655
					1.969	1.575	1.969	3.858	3.858	.197	1015		
					1.969	1.575	1.969	3.858	3.858	.197	1015		
C6	40	3	1	C6-570-2C 50 124-40R/L	63.0	40	50	98	124	5.0	70	17	2.380
					2.480	1.575	1.969	3.858	4.882	.197	1015		
					2.480	1.575	2.362	4.843	5.827	.394	1015		
		3	1	C6-570-2C 60 148-40R/L	63.0	40	60	123	148	10.0	70	17	3.500
					2.480	1.575	2.362	4.843	5.827	.394	1015		
					2.480	1.575	2.362	4.843	5.827	.394	1015		
C8	40	3	1	C8-570-2C 50 107-40R/L	80.0	40	50	73	107	20.0	150	17	2.890
					3.150	1.575	1.969	2.874	4.213	.787	2175		
					3.150	1.575	1.969	4.094	5.236	.197	2175		
		3	1	C8-570-2C 50 133-40R/L	80.0	40	50	104	133	5.0	150	17	3.290
					3.150	1.575	1.969	4.094	5.236	.197	2175		
					3.150	1.575	1.969	4.094	5.236	.197	2175		
		3	1	C8-570-2C 60 125-40R/L	80.0	40	60	94	125	20.0	150	17	3.750
					3.150	1.575	2.362	3.701	4.921	.787	2175		
					3.150	1.575	2.362	3.701	4.921	.787	2175		
		3	1	C8-570-2C 60 158-40R/L	80.0	40	60	131	158	10.0	150	17	4.450
					3.150	1.575	2.362	5.157	6.220	.394	2175		

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

E

F

G

H



G1



H37

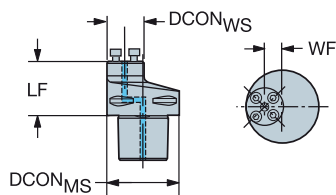


H5



H2

Coromant Capto® to CoroTurn® SL adapter



						Dimensions, mm, inch							
CZC _{MS}	CZC _{WS}	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	WF	BAR PSI	NM	KG	
C5	32	42.0	3	1	C5-570-32-R/LG	50.0	32	42	9.0	150	8	0.615	
		1.654				1.969	1.260	1.654	.354	2175			
	40	40.0	3	1	C5-570-40-R/LG	50.0	40	40	11.0	150	17	0.661	
		1.575				1.969	1.575	1.575	.433	2175			
C6	32	47.0	3	1	C6-570-32-R/LG	63.0	32	47	15.5	150	8	1.019	
		1.850				2.480	1.260	1.850	.610	2175			
	40	40.0	3	1	C6-570-40-R/LG	63.0	40	45	21.0	150	17	1.080	
		1.575				2.480	1.575	1.772	.827	2175			
C8	32	66.0	3	1	C8-570-32-R/LGM	80.0	32	66	24.0	150	8	2.070	
		2.598				3.150	1.260	2.598	.945	2175			
	40	67.0	3	1	C8-570-40-R/LGM	80.0	40	67	20.0	150	17	2.170	
		2.638				3.150	1.575	2.638	.787	2175			
C10	40	78.0	3	1	C10-570-40-R/LG	100.0	40	78	30.0	150	17	4.188	
		3.071				3.937	1.575	3.071	1.181	2175			

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand



G1



H37



H5



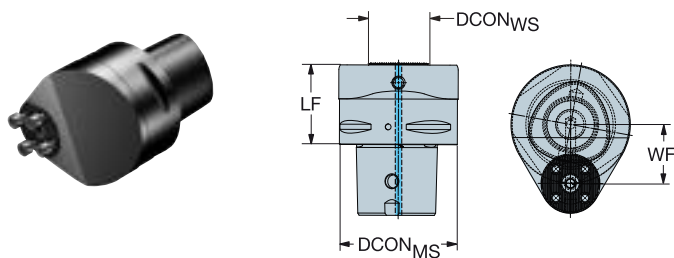
H2

A

Coromant Capto® to CoroTurn® SL adapter

Machine-specific design

B



C

Mazak

				Dimensions, mm, inch							
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	WF			
C8	40	3	1	C8-570-40-LG-040-MZ	80.0	40	55	40.0	150	17	2.796
					3.150	1.575	2.165	1.575	2175		

D

Mori Seiki - NT6600

				Dimensions, mm, inch							
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	WF			
C8	40	3	1	C8-570-40-RG-040-MS	80.0	40	55	40.0	150	17	2.804
					3.150	1.575	2.165	1.575	2175		

Adapted for vertical turning lathes

E

				Dimensions, mm, inch							
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	WF			
C6	40	3	1	C6-570-40-RG-045	63.0	40	62	45.0	150	17	1.872
					2.480	1.575	2.441	1.772	2175		

Okuma Multus B750

WFL M100, M120, M150

F

				Dimensions, mm, inch							
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	WF			
C8	40	3	1	C8-570-40-LG-040	80.0	40	55	40.0	150	17	2.780
					3.150	1.575	2.165	1.575	2175		

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

G

H



G1



H37

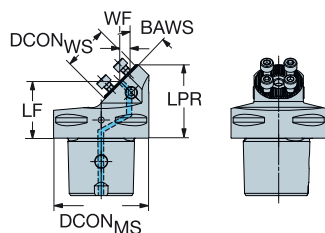


H5

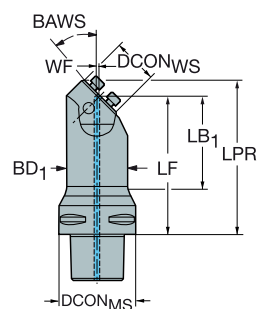


H2

Coromant Capto® to CoroTurn® SL adapter



				Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LPR	LF	WF				
C5	32	3	1	C5-570-32-R/LX-045	50.0	32	45	34	6.0	70	8	0.559	
					1.969	1.260	1.772	1.339	.236	1015			
C6	32	3	1	C6-570-32-R/LX-045	63.0	32	48	37	12.5	70	8	0.907	
					2.480	1.260	1.890	1.476	.492	1015			
	40	3	1	C6-570-40-R/LX-045-060	63.0	40	74	60	14.5	150	17	1.221	
					2.480	1.575	2.913	2.362	.571	2175			



				Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	BD ₁	LB ₁	LPR	LF	WF					
C5	32	3	1	C5-570-32-RX-045-L1	50.0	32	40	70	101	90	2.0	70	8	1.168		
					1.969	1.260	1.575	2.756	3.976	3.543	.079	1015				
C6	32	3	1	C6-570-32-RX-045-L1	63.0	32	45	68	111	100	2.0	70	8	1.786		
					2.480	1.260	1.772	2.677	4.370	3.937	.079	1015				
	40	3	1	C6-570-40-RX-045-L1	63.0	40	45	71	114	100	5.0	70	17	1.883		
					2.480	1.575	1.772	2.795	4.488	3.937	.197	1015				
C8	40	3	1	C8-570-40-RX-045-L1	80.0	40	50	74	149	135	5.0	70	17	3.680		
					3.150	1.575	1.969	2.913	5.866	5.315	.197	1015				

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

To correspond with coupling size, CZC_{WS} for respective CoroCut® SL and T-Max Q-Cut® SL heads. Right 0° fits left hand heads, right 45° fits right hand heads. Left and right 90° fit both left and right hand heads. Neutral 90° fits both left and right hand heads.



G1



H37



H5



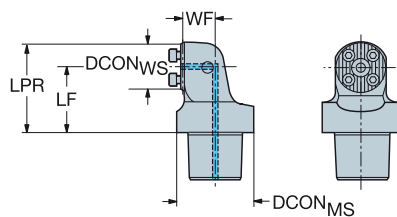
H2

A

Coromant Capto® to CoroTurn® SL adapter

Short version, for segment clamping only

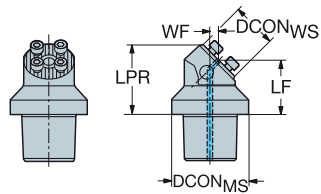
B



C

					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LPR	LF	WF					
C3	25	3	1	C3-570-25-R/LF-T	32.0	25	36	23	17.0	70	3	0.210		
					1.260	.984	1.429	.925	.669	1015				
	32	3	1	C3-570-32-R/LF-T	32.0	32	43	27	17.0	70	8	0.315		
					1.260	1.260	1.705	1.063	.669	1015				
C4	32	3	1	C4-570-32-R/LF-T	40.0	32	43	27	20.0	70	8	0.401		
					1.575	1.260	1.705	1.063	.787	1015				
	40	3	1	C4-570-40-R/LF-T	40.0	40	51	31	20.0	70	17	0.523		
					1.575	1.575	2.020	1.220	.787	1015				
C5	32	3	1	C5-570-32-R/LF-T	50.0	32	43	27	27.0	70	8	0.595		
					1.969	1.260	1.705	1.063	1.063	1015				
	40	3	1	C5-570-40-R/LF-T	50.0	40	51	31	27.0	70	17	0.769		
					1.969	1.575	2.020	1.220	1.063	1015				

D



E

F

					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LPR	LF	WF					
C4	32	3	1	C4-570-32-R/LX-045-T	40.0	32	33	22	1.0	70	8	0.300		
					1.575	1.260	1.299	.866	.039	1015				

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

To correspond with coupling size, CZC_{WS} for respective CoroCut® SL and T-Max Q-Cut® SL heads. Right 0° fits left hand heads, right 45° fits right hand heads. Left and right 90° fit both left and right hand heads. Neutral 90° fits both left and right hand heads.

G

Note: For segment clamping only. Can't be used in basic holders and extension/ reductions. Not for automatic tool change. Has no gripper grooves.

H



G1



H37

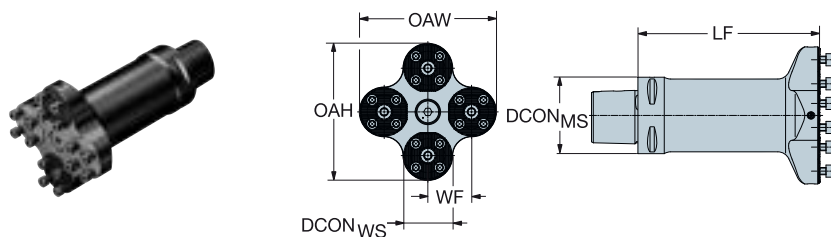


H5



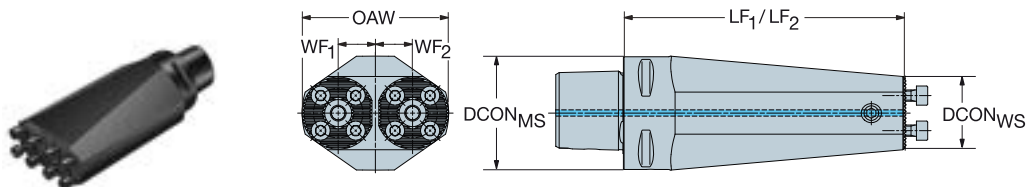
H2

Coromant Capto® mini-turret for four CoroTurn® SL heads



					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	WF	OAW	OAH				
C6	40	3	1	C6-4-SL40 113 150-AX	63.0	40	150	36.0	113	113	150	17	4.444	
					2.480	1.575	5.906	1.417	4.449	4.449	2175			
C8	40	3	1	C8-4-SL40 113 180-AX	80.0	40	180	36.0	113	113	150	17	6.192	
					3.150	1.575	7.087	1.417	4.449	4.449	2175			

Boring bar for two CoroTurn® SL heads



					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	WF	OAW	DIX	BAR PSI	NM	KG	
C6	32	3	1	C6-SL-2C65 150-32-2	63.0	32	150	16.5	65	65	70	8	3.590	
					2.480	1.260	5.906	.650	2.559	2.559	1015			
C8	40	3	1	C8-SL-2C81 180-40-2	80.0	40	180	20.5	81	81	70	17	6.939	
					3.150	1.575	7.087	.807	3.189	3.189	1015			

For spare parts, visit www.sandvik.coromant.com

G1



H37



H5

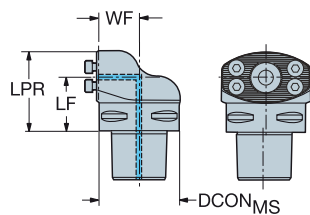


H2

A

Coromant Capto® to CoroTurn® SL70 adapter

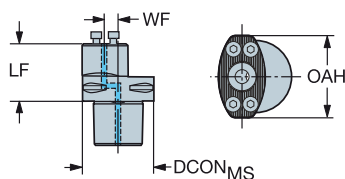
B



C

				Dimensions, mm, inch							
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LPR	LF	WF	BAR PSI	NM	KG
C5	70	3	1	C5-SL70-R/LF-043	50.0	63	43	33.0	150	30	1.400
					1.969	2.490	1.693	1.299	2175		
C6	70	3	1	C6-SL70-R/LF-043	63.0	63	43	33.0	150	30	1.774
					2.480	2.488	1.693	1.299	2175		
C8	70	3	1	C8-SL70-R/LF-051	80.0	71	51	41.5	150	30	3.280
					3.150	2.805	2.008	1.634	2175		
C10	70	3	1	C10-SL70-R/LF-070	100.0	90	70	51.5	150	30	6.218
					3.937	3.551	2.756	2.028	2175		

D



E

					Dimensions, mm, inch							
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LF	WF	OAW	OAH			
C5	70	3	1	C5-SL70-R/LG-050	50.0	50	11.5	56	70	150	30	1.028
					1.969	1.969	.453	2.234	2.776	2175		
C6	70	3	1	C6-SL70-R/LG-050	63.0	50	11.5	63	70	150	30	1.326
					2.480	1.969	.453	2.480	2.776	2175		
C8	70	3	1	C8-SL70-R/LG-090	80.0	90	35.0	95	70	150	30	3.100
					3.150	3.543	1.378	3.740	2.776	2175		
C10	70	3	1	C10-SL70-R/LG-100	100.0	100	48.0	118	70	150	30	5.229
					3.937	3.937	1.890	4.646	2.776	2175		

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

G

H



G1



H37



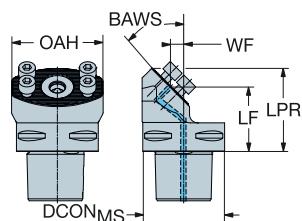
H5



H2

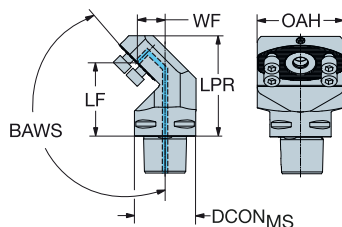
Coromant Capto® to CoroTurn® SL70 adapter

BAWS 45°



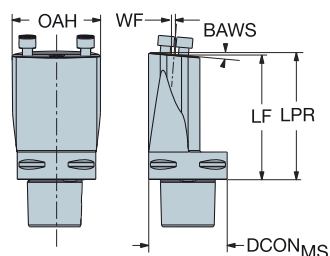
					Dimensions, mm, inch							
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LPR	LF	WF	OAH			
C5	70	3	1	C5-SL70-R/LX-045-050M	50.0	65	50	6.0	70	150	30	0.990
					1.969	2.559	1.969	.236	2.776	2175		
C6	70	3	1	C6-SL70-R/LX-045-050M	63.0	64	50	10.0	70	150	30	1.360
					2.480	2.520	1.969	.394	2.776	2175		
		3	1	C6-SL70-RX-045-100	63.0	113	100	5.0	70	150	30	2.610
					2.480	4.449	3.937	.197	2.776	2175		
C8	70	3	1	C8-SL70-R/LX-045-090M	80.0	104	90	18.0	80	150	30	3.479
					3.150	4.094	3.543	.709	3.150	2175		

BAWS 135°



				Dimensions, mm, inch								
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LPR	LF	WF	OAH			
C5	70	3	1	C5-SL70-R/LX-135-060	50.0	82	60	23.0	70	150	30	1.615
					1.969	3.228	2.362	.906	2.776	2175		

BAWS 5°



				Dimensions, mm, inch								
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LPR	LF	WF	OAW			
C6	70	3	1	C6-SL70-R/LX-005-100	63.0	102	100	11.0	70	150	30	2.109
					2.480	4.016	3.937	.433	2.776	2175		

For spare parts, visit www.sandvik.coromant.com

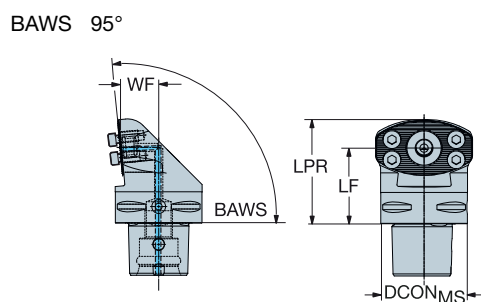
R = Right hand, L = Left hand

A

Coromant Capto® to CoroTurn® SL70 adapter

US

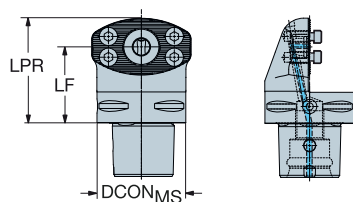
B



C

				Dimensions, mm, inch								
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LPR	LF	WF	OAW	BAR PSI	NM	KG
C6	70	3	1	C6-SL70-R/LX-005-055	63.0	75	55	28.0	70	150	30	1.681
					2.480	2.982	2.165	1.102	2.776	2175		

D



E

					Dimensions, mm, inch						
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LPR	LF	OAW	BAR PSI	NM	KG
C6	70	3	1	C6-SL70-RF-054-00	63.0	74	54	70	150	30	1.312
					2.480	2.923	2.126	2.776	2175		

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

F

G

H



G1



H37

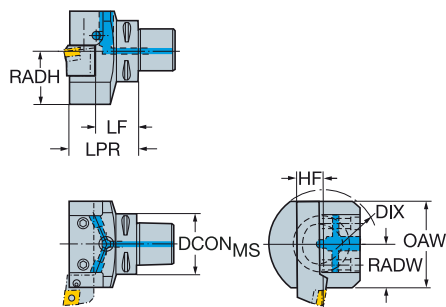


H5



H2

Coromant Capto® to rectangular shank adapter



Metric version

					Dimensions, mm												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LPR	LF	WF	HF	OAW	OAH	RADH	RADW	DIX			
C5	20 x 20	3	6	C5-ASHA-065-20HP	50.0	65.0	45.0	32.0	20.0	64.0	69.0	37.0	32.0	85	150	1.4	
C6	20 x 20	3	6	C6-ASHA-070-20HP	63.0	70.0	50.0	32.0	20.0	64.0	69.0	37.0	32.0	85	150	1.8	
	25 x 25	3	6	C6-ASHA-080-25HP	63.0	80.0	55.0	38.0	25.0	76.0	78.0	46.0	38.0	100	150	2.4	
C8	25 x 25	3	6	C8-ASHA-075-25HP	80.0	75.0	50.0	38.0	25.0	80.0	86.0	46.0	38.0	103	150	3.0	

Inch version

					Dimensions, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LPR	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	PSI	LBS	
C5	3/4 x 3/4	3	6	C5-ASHA-065-12AHP	1.969	2.559	1.809	1.260	.750	2.520	2.717	1.457	1.260	3.346	2175	3.2	
C6	3/4 x 3/4	3	6	C6-ASHA-070-12AHP	2.480	2.756	1.809	1.260	.750	2.520	2.717	1.457	1.260	3.346	2175	4.1	
	1 x 1	3	6	C6-ASHA-080-16AHP	2.480	3.150	2.150	1.496	1.000	2.992	3.071	1.811	1.496	3.937	2175	5.3	

For spare parts, visit www.sandvik.coromant.com

Warning!

The adapters are designed for automatic tool change. Make sure that there is no risk of interference in the magazine and tool-changing cycle.



G1



H37

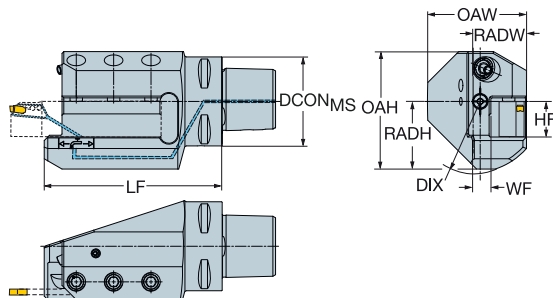


H5

A

Coromant Capto® to rectangular shank adapter

B



C

Metric version

					Dimensions, mm											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LF	WF	HF	OAW	OAH	RADH	RADW	DIX			
C5	20 x 20	3	5	C5-ASHR/L-095-20HP	50.0	95.0	10.0	20.0	55.5	69.0	37.0	30.0	85	150	1.6	
C6	20 x 20	3	6	C6-ASHR/L-105-20HP	63.0	105.0	10.0	20.0	63.5	69.0	37.0	30.0	85	150	2.3	
	25 x 25	3	6	C6-ASHR/L-122-25HP	63.0	122.0	13.0	25.0	70.0	78.0	46.0	38.0	100	150	3.1	
C8	25 x 25	3	5	C8-ASHR/L-122-25HP	80.0	122.0	15.0	25.0	80.0	86.0	46.0	40.0	103	150	4.3	

D

Inch version

					Dimensions, inch										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	PSI	LBS
C5	3/4 x 3/4	3	5	C5-ASHR/L-095-12AHP	1.969	3.740	.431	.750	2.185	2.717	1.457	1.181	3.346	2175	3.6
C6	3/4 x 3/4	3	6	C6-ASHR/L-105-12AHP	2.480	4.134	.431	.750	2.500	2.717	1.457	1.181	3.346	2175	5.2
	1 x 1	3	6	C6-ASHR/L-122-16AHP	2.480	4.803	.496	1.000	2.756	3.071	1.811	1.496	3.937	2175	6.5

E

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

F

G

H



G1

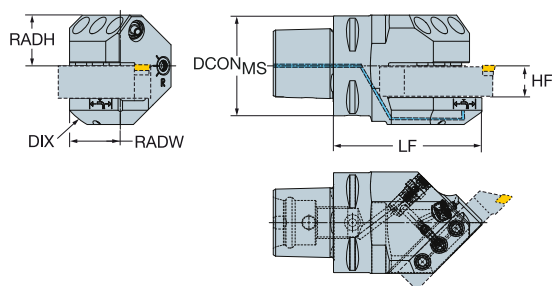


H37



H5

Coromant Capto® to rectangular shank adapter



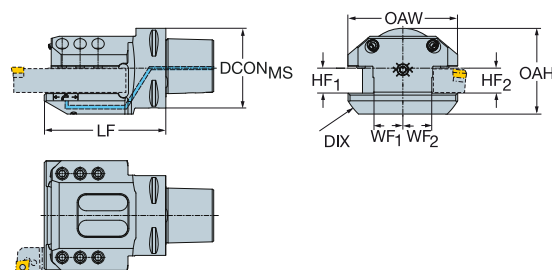
Metric version

		Dimensions, mm													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LF	HF	OAW	OAH	RADH	RADW	DIX		BAR	KG
C5	20 x 20	3	6	C5-ASHR/L45-085-20HP	50.0	85.0	20.0	64.0	69.0	37.0	32.0	85	150	1.6	
C6	20 x 20	3	6	C6-ASHR/L45-095-20HP	63.0	95.0	20.0	64.0	69.0	37.0	32.0	85	150	2.2	
	25 x 25	3	6	C6-ASHR/L45-114-25HP	63.0	114.0	25.0	72.0	78.0	46.0	36.0	100	150	2.8	

Inch version

					Dimensions, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LPR	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	PSI	LBS		
C5	3/4 x 3/4	3	6	C5-ASHR/L45-085-12AHP	1.969	3.346	3.346	.000	.750	2.520	2.717	1.457	1.260	3.346	2175	3.4		
C6	3/4 x 3/4	3	6	C6-ASHR/L45-095-12AHP	2.480	3.740	3.740	.000	.750	2.520	2.717	1.457	1.260	3.346	2175	4.7		
	1 x 1	3	6	C6-ASHR/L45-114-16AHP	2.480	4.488	4.488	.000	1.000	2.835	3.071	1.811	1.417	3.937	2175	6.6		
C8	1 1/4 x 1 1/4	3	6	C8-ASHR/L45-50135-20-A	3.150	5.315	4.488	.677	1.250	1.772	4.331	1.250		5.512	1160	15.0		

R = Right hand, L = Left hand



Metric version

					Dimensions, mm																
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LF ₁	LF ₂	WF ₁	WF ₂	HF ₁	HF ₂	OAW	OAH	RADH	RADW	DIX	BAR	KG			
C6	25 x 25	3	6	C6-ASHS-122-25HP	63.0	122.0	122.0	20.0	20.0	25.0	25.0	90.0	78.0	46.0	45.0	114	150	4.1			
C8	25 x 25	3	6	C8-ASHS-122-25HP	80.0	122.0	122.0	30.0	30.0	25.0	25.0	110.0	78.0	46.0	55.0	128	150	4.7			

For spare parts, visit www.sandvik.coromant.com

G1



H37

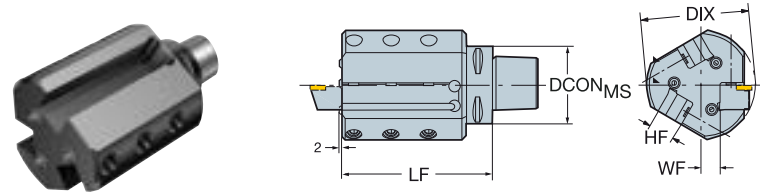


H5

A

Coromant Capto® mini-turret for three rectangular shank tools

B



C

Metric version

					Dimensions, mm							
CZCMS	CZCMS	CNSC	CXSC	Ordering code	DCONMS	LF	WF	HF	DIX	BAR	KG	
C5	20 x 20	3	5	C5-ASHR3-36123-20	50.0	123.0	16.0	20.0	90	80	3.6	
C6	20 x 20	3	5	C6-ASHR/L3-36125-20	63.0	125.0	16.0	20.0	90	80	3.9	

D

Inch version

					Dimensions, inch							
CZCMS	CZCMS	CNSC	CXSC	Ordering code	DCONMS	LF	WF	HF	DIX	PSI	LBS	
C6	3/4 x 3/4	3	5	C6-ASHR3-36125-12-A	2.480	4.843	.614	.750	3.543	1160	8.6	

For spare parts, visit www.sandvik.coromant.com R = Right hand, L = Left hand

Warning!

The adapters are designed for automatic tool change. Make sure that there is no risk of interference in the magazine and tool-changing cycle.

E

F

G

H



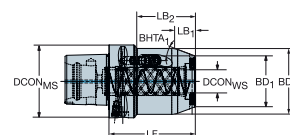
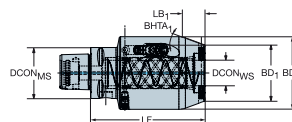
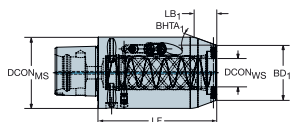
Coromant Capto® to CoroChuck™ 935

For segment clamping only

DSGN 3

3

6



Metric version

						Dimensions, mm															
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LSC	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₁	BAR	NM	KG		
C4	20	3	1	3	935-C4-EF20-090	40.0	20.0	80	90.0	18.0	90.0		43.9	57.0		20°	80	10.00	1.32		
C5	20	3	1	3	935-C5-EF20-090	50.0	20.0	80	90.0	18.0	90.0		43.9	57.0		20°	80	10.00	1.52		
	25	3	1	3	935-C5-EF25-110	50.0	25.0	100	110.0	20.0	110.0		48.4	63.0		20°	80	10.00	2.08		
C6	20	3	1	6	935-C6-EF20-075	63.0	20.0	80	75.0	18.0	51.0	75.0	43.9	57.0	63.0	20°	80	10.00	1.55		
	25	3	1	3	935-C6-EF25-105	63.0	25.0	100	105.0	20.0	105.0		48.4	63.0		20°	80	10.00	2.28		
C8	20	3	1	6	935-C8-EF20-075	80.0	20.0	80	75.0	18.0	41.0	75.0	43.9	57.0	80.0	20°	80	10.00	2.41		
	25	3	1	6	935-C8-EF25-090	80.0	25.0	100	90.0	20.0	56.0	90.0	48.4	63.0	80.0	20°	80	10.00	2.74		

Inch version

					Dimensions															
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LSC	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₁	PSI	FT/LBS	LBS	
C6	3/4	3	1	6	935-C6-EFA12-075	2.480	.750	3.150	2.953	.709	2.008	2.953	1.728	2.244	2.480	20°	1160	7.38	3.46	
	1	3	1	3	935-C6-EFA16-105	2.480	1.000	3.937	4.134	.787	4.134		1.906	2.480		20°	1160	7.38	5.00	
C8	3/4	3	1	6	935-C8-EFA12-075	3.150	.750	3.150	2.953	.709	1.614	2.953	1.728	2.244	3.150	20°	1160	7.38	5.36	
	1	3	1	6	935-C8-EFA16-090	3.150	1.000	3.937	3.543	.787	2.205	3.543	1.906	2.480	3.150	20°	1160	7.38	6.00	

For spare parts, visit www.sandvik.coromant.com

G1



H37

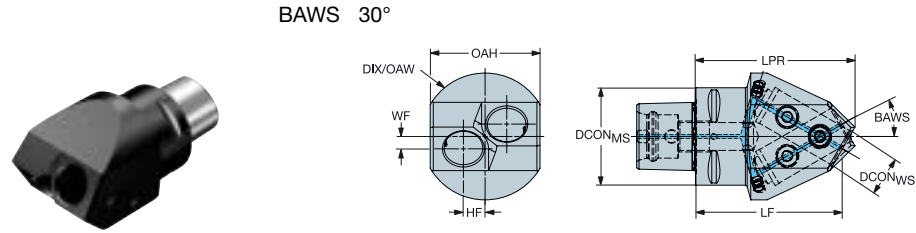


H5

A

Coromant Capto® mini-turret for two boring bars

B



C

			Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	Ordering code	DCON _{MS}	DCON _{WS}	LPR	LF	WF	HF	OAW	OAH	DIX	BAR PSI	KG	
C6	25	3	C6-ABB-25-2	63.0	25	103	95	8.0	14	82	70	82	80	2.570	
				2.480	.984	4.059	3.740	.315	.551	3.228	2.771	3.228	1160		

For spare parts, visit www.sandvik.coromant.com

D

E

F

G

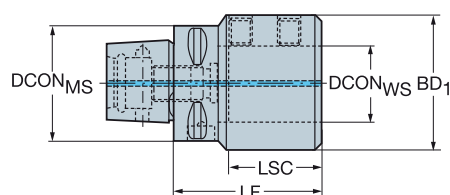
H



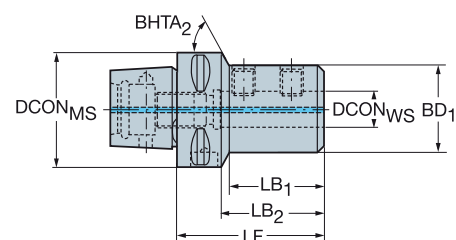
Coromant Capto® to cylindrical shank adapter

Cylindrical shank with flat according to ISO 9766

DSGN 1



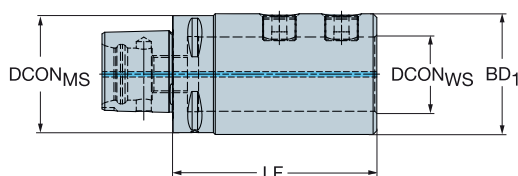
7



Metric version

						Dimensions, mm																
CZC _{MS}	CZC _{WS}	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	LSC	LF	LB ₁	LB ₂	LB ₃	BD ₁	BD ₂	BD ₃	BHTA ₂						
C3	20	3	1	1	C3-391.27-20 060	32.0	20.0	51	60.0	60.0			40.0				20	12.00	0.46			
	25	3	1	1	C3-391.27-25 080	32.0	25.0	57	80.0	80.0			45.0				20	20.00	0.70			
C4	20	3	1	1	C4-391.27-20 060	40.0	20.0	51	60.0	60.0			40.0				20	12.00	0.55			
	25	3	1	1	C4-391.27-25 077	40.0	25.0	57	77.0	77.0			45.0				20	20.00	0.75			
	32	3	1	1	C4-391.27-32 088	40.0	32.0	61	88.0	88.0			52.0				20	30.00	0.99			
C5	20	3	1	7	C5-391.27-20 060	50.0	20.0	51	60.0	37.7	40.0	60.0	40.0	40.0	50.0	65°	20	12.00	0.74			
	25	3	1	7	C5-391.27-25 071	50.0	25.0	57	71.0	46.7	51.0	71.0	45.0	45.0	50.0	30°	20	20.00	0.46			
	32	3	1	1	C5-391.27-32 075	50.0	32.0	61	75.0	75.0			52.0				20	30.00	0.97			
	40	3	1	1	C5-391.27-40 100	50.0	40.0	71	100.0	100.0			65.0				20	40.00	1.79			
C6	20	3	1	7	C6-391.27-20 070	63.0	20.0	51	70.0	43.8	48.0	70.0	40.0	40.0	63.0	70°	20	12.00	1.18			
	25	3	1	7	C6-391.27-25 070A	63.0	25.0	57	72.0	45.8	50.0	72.0	45.0	45.0	63.0	65°	20	20.00	1.23			
	32	3	1	7	C6-391.27-32 075	63.0	32.0	61	75.0	49.8	53.0	75.0	52.0	52.0	63.0	60°	20	30.00	1.30			
	40	3	1	1	C6-391.27-40 085	63.0	40.0	71	85.0	85.0			65.0				20	40.00	1.74			

Adapter for long easy fix sleeves for Silent Tools



Metric pilot

		Dimensions, mm									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	BD ₁	LF	BAR	KG	
C6	40	3	1	C6-131-00110-40	63.0	40.0	80.0	110.0	80	2.1	
C8	40	3	1	C8-131-00110-40	80.0	40.0	80.0	110.0	80	2.9	

For spare parts, visit www.sandvik.coromant.com

N = Neutral



G1

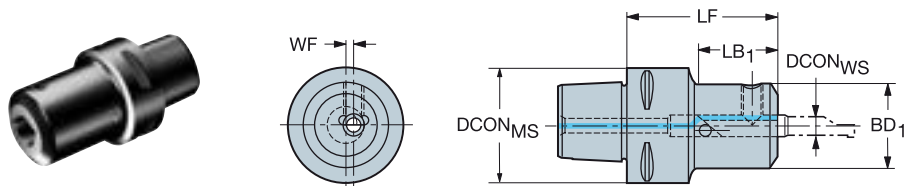


H37



H5

Coromant Capto® to CoroTurn® XS adapter



C

				Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	BD ₁	LB ₁	LF	WF			
C3	4	3	1	C3-CXS-42-04	32.0	4	21	22	42	1.1	10	7	0.218
	5	3	1	C3-CXS-42-05	32.0	5	22	22	42	1.3	10	7	0.224
	6	3	1	C3-CXS-42-06	32.0	6	23	22	42	2.0	10	7	0.233
	7	3	1	C3-CXS-42-07	32.0	7	25	22	42	2.9	10	7	0.240
	10	3	1	C3-CXS-42-10	32.0	10	21	27	42	0.0	10	7	0.240
C4	4	3	1	C4-CXS-47-04	40.0	4	21	22	47	1.1	10	7	0.380
	5	3	1	C4-CXS-47-05	40.0	5	22	22	47	1.3	10	7	0.387
	6	3	1	C4-CXS-47-06	40.0	6	23	22	47	2.0	10	7	0.392
	7	3	1	C4-CXS-47-07	40.0	7	25	22	47	2.9	10	7	0.397
	8	3	1	C4-CXS-47-08	40.0	8	22	27	47	0.0	10	7	0.341
	10	3	1	C4-CXS-47-10	40.0	10	22	27	47	0.0	10	7	0.351
C5	4	3	1	C5-CXS-49-04	50.0	4	21	22	49	1.1	10	7	0.606
	5	3	1	C5-CXS-49-05	50.0	5	22	22	49	1.3	10	7	0.587
	6	3	1	C5-CXS-49-06	50.0	6	23	22	49	2.0	10	7	0.597
	7	3	1	C5-CXS-49-07	50.0	7	25	22	49	2.9	10	7	0.600
C6	4	3	1	C6-CXS-95-04	63.0	4	21	22	95	1.1	10	7	1.452
	5	3	1	C6-CXS-95-05	63.0	5	22	22	95	1.3	10	7	1.480
	6	3	1	C6-CXS-95-06	63.0	6	23	22	95	2.0	10	7	1.510
	7	3	1	C6-CXS-95-07	63.0	7	25	22	95	2.9	10	7	1.560

For spare parts, visit www.sandvik.coromant.com

G

H



G1



H37

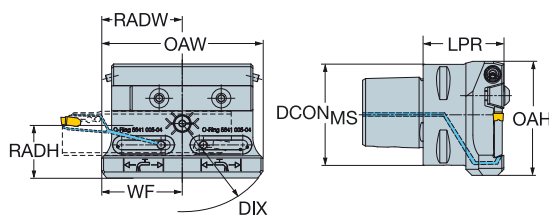


H5

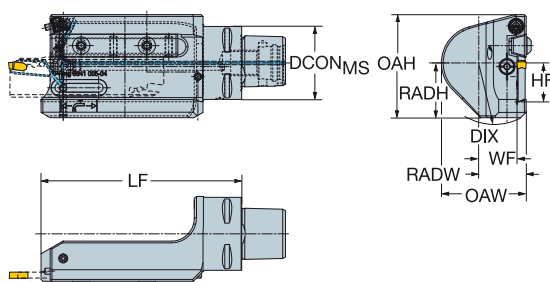


B163

Coromant Capto® to blade adapter



					Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LPR	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	BAR PSI	NM	KG	
C5	21	3	6	C5-APBA-040-21HP	50.0	40	35	40.0	21	80	56	30	40	96	70	10	0.880	
					1.969	1.575	1.378	1.575	.827	3.150	2.224	1.181	1.575	3.780	1015			
C6	25	3	6	C6-APBA-050-25HP	63.0	50	45	41.0	25	82	69	37	41	103	70	10	1.570	
					2.480	1.969	1.772	1.614	.984	3.228	2.717	1.457	1.614	4.055	1015			
C8	25	3	6	C8-APBA-050-25HP	80.0	50	45	41.0	25	82	80	37	41	103	70	10	2.370	
					3.150	1.969	1.772	1.614	.984	3.228	3.150	1.457	1.614	4.055	1015			



						Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	OHN	CNSC	CXSC	Ordering code	DCON _{MS}	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	BAR PSI	NM	KG		
C4	21L		3	6	C4-APBL-122-21HP	40.0	122	21.0	21	46	48	32	26	75	70	10	1.090		
	21R		3	6	C4-APBR-122-21HP	1.575	4.803	.827	.827	1.831	1.909	1.260	1.024	2.953	1015				
						40.0	122	21.0	21	46	48	32	26	75	70	10	1.090		
						1.575	4.803	.827	.827	1.831	1.909	1.260	1.024	2.953	1015				
C5	21L		3	6	C5-APBR/L-122-21HP	50.0	122	26.0	21	56	48	32	31	85	70	10	1.310		
						1.969	4.803	1.024	.827	2.224	1.909	1.260	1.220	3.346	1015				
	25L	150.0	3	6	C5-APBR/L-150-25HP	50.0	150	26.0	25	56	69	37	31	90	70	10	1.830		
		5.906				1.969	5.906	1.024	.984	2.215	2.717	1.457	1.220	3.543	1015				
C6	25L		3	6	C6-APBR/L-160-25HP	63.0	160	32.0	25	69	69	37	37	100	70	10	2.480		
						2.480	6.299	1.260	.984	2.717	2.717	1.457	1.457	3.937	1015				
C8	25L		3	6	C8-APBR/L-160-25HP	80.0	160	40.5	25	86	81	37	45	111	70	10	3.370		
						3.150	6.299	1.594	.984	3.386	3.189	1.457	1.791	4.370	1015				
	45L		3	6	C8-APBR/L-235-45HP	80.0	235	40.5	45	98	102	62	48	144	70	10	6.560		
						3.150	9.252	1.594	1.772	3.878	4.035	2.441	1.890	5.669	1015				
C10	45L		3	6	C10-APBR/L-240-45HP	100.0	240	52.5	45	110	112	62	60	158	70	10	9.267		
						3.937	9.449	2.067	1.772	4.350	4.429	2.441	2.362	6.220	1015				

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand



G1

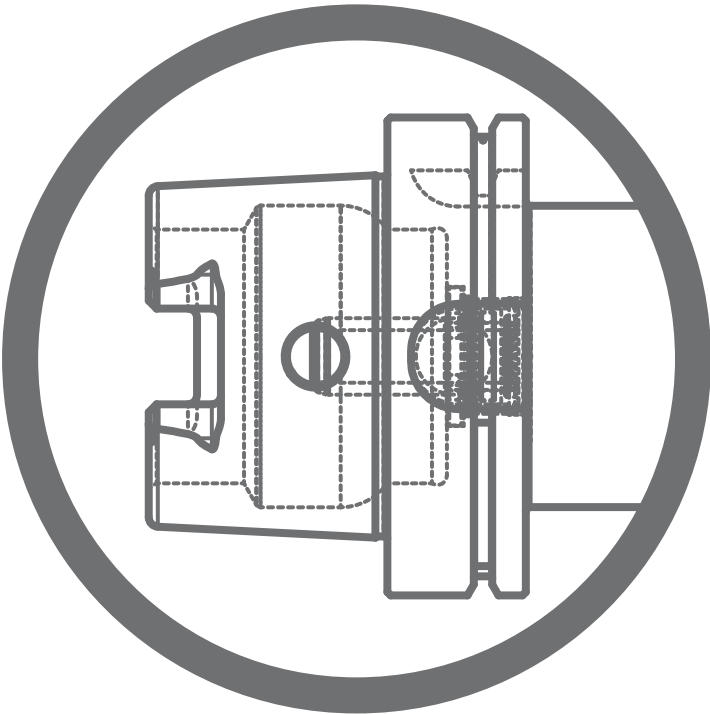


H37



H5

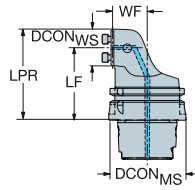
Machine-side interface HSK



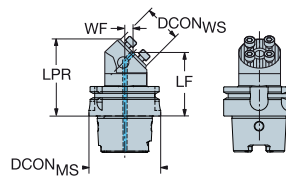
HSK to CoroTurn® SL adapter



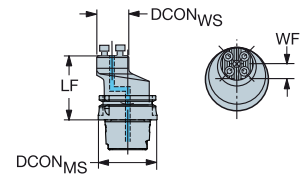
BAWS 90°



45°



0°



BAWS 90°

					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LPR	LF	WF	BAR PSI	NM	KG		
63	32	1	1	392.T63SL-32RF	63.0	32	76	60	31.0	70	8	1.162	2.480	1.260
	40	1	1	392.T63SL-40RF	63.0	40	85	65	31.0	70	17	1.400	2.480	1.575
100	40	1	1	392.T100SL-40RF	100.0	40	90	70	51.5	70	17	3.550	3.937	1.575

BAWS 45°

					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LPR	LF	WF	BAR PSI	NM	KG		
63	32	1	1	392.T63SL-32RX-045	63.0	32	66	55	5.0	70	8	0.929	2.480	1.260
	40	1	1	392.T63SL-40RX-045	63.0	40	74	60	5.0	70	17	1.113	2.480	1.575

BAWS 0°

					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	WF	BAR PSI	NM	KG			
63	32	1	1	392.T63SL-32RG	63.0	32	67	15.5	150	8	1.090	2.480	1.260	2.638
	40	1	1	392.T63SL-40RG	63.0	40	67	11.5	150	17	1.210	2.480	1.575	2.638
100	40	1	1	392.T100SL-40RG	100.0	40	78	30.0	70	17	3.100	3.937	1.575	3.071

For spare parts, visit www.sandvik.coromant.com

R = Right hand



G1



H37



H5

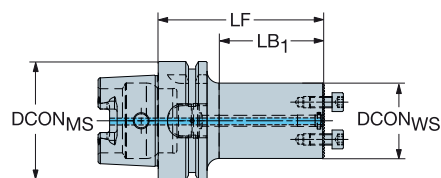


H2

A

HSK to CoroTurn® SL adapter

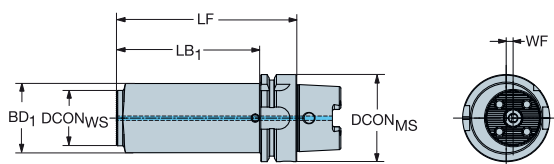
B



C

					Dimensions, mm, inch						
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LB ₁	LF	BAR PSI	NM	KG
63	32	1	1	HT06-32-SL32N 094	63.0	32	64	94	150	8	1.050
					2.480	1.260	2.520	3.701	2175		
	40	1	1	HT06-40-SL40N 110	63.0	40	80	110	150	17	1.450
					2.480	1.575	3.150	4.331	2175		

D



E

					Dimensions, mm, inch								
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	BD ₁	LB ₁	LF	WF	BAR PSI	NM	KG
63	40	1	1	HT06-50-SL40R/L 130	63.0	40	50	100	130	5.0	150	17	2.200
					2.480	1.575	1.969	3.937	5.118	.197	2175		

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

F

G

H



G1



H37



H5

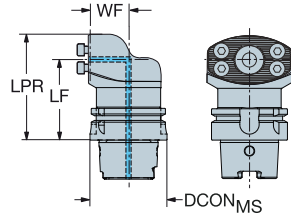


H2

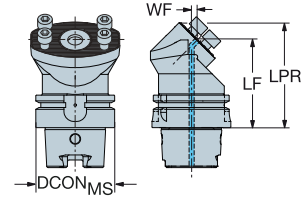
HSK to CoroTurn® SL70 adapter



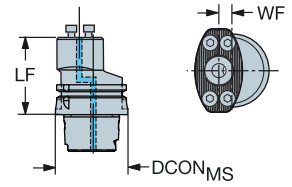
BAWS 90°



45°



0°



BAWS 90°

				Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LPR	LF	WF	OAW	BAR PSI	NM	KG	
63	70	1	1	392.T63SL70RF	63.0	87	67	33.0	70	150	30	1.970	
					2.480	3.435	2.638	1.299	2.756	2175			
100	70	1	1	392.T100SL70RF	100.0	90	70	51.5	100	150	30	4.520	
					3.937	3.553	2.756	2.028	3.937	2175			

BAWS 45°

				Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LPR	LF	WF	OAW	BAR PSI	NM	KG	
63	70	1	1	392.T63SL70RX-045	63.0	84	70	5.0	70	150	30	1.576	
					2.480	3.307	2.756	.197	2.756	2175			
100	70	1	1	392.T100SL70RX-045	100.0	105	90	5.0	100	150	30	3.770	
					3.937	4.134	3.543	.197	3.937	2175			

BAWS 0°

				Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LF	WF	BAR PSI	NM	KG			
63	70	1	1	392.T63SL70RG	63.0	70	11.5	150	30	1.438			
					2.480	2.756	.453	2175					
100	70	1	1	392.T100-SL70RG	100.0	110	48.0	150	30	4.630			
					3.937	4.331	1.890	2175					

For spare parts, visit www.sandvik.coromant.com

R = Right hand



G1



H37



H5

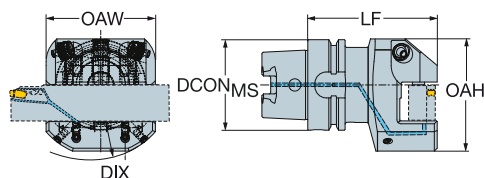


H2

A

HSK to rectangular shank adapter

B



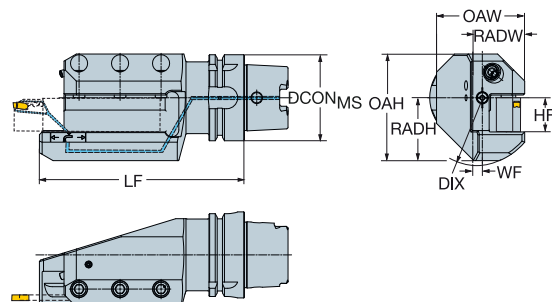
Metric version

					Dimensions, mm																
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LPR	LF	WF	HF	OAW	OAH	RADH	RADW	DIX							
63	25 x 25	1	6	HT06-ASHA-090-25HP	63.0	90.0	65.0	38.0	25.0	76.0	78.0	46.0	38.0	100	150	2.2					
100	25 x 25	1	6	HT10-ASHA-090-25HP	100.0	90.0	65.0	38.0	25.0	99.9	99.9	46.0	38.0	103	150	4.0					

Inch version

				Dimensions, inch														
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LPR	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	PSI	LBS		
63	1 x 1	3	6	HT06-ASHA-090-16AHP	2.480	3.543	2.543	1.496	1.000	2.992	3.071	1.811	1.496	3.937	2175	5.0		

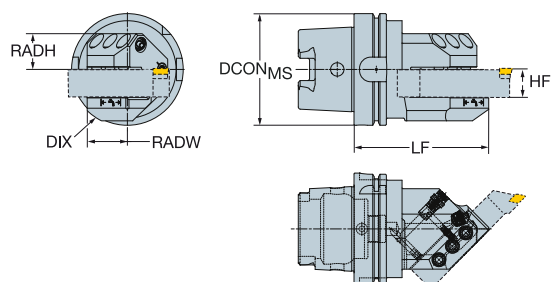
D



E

					Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LF	WF	HF	OAW	OAH	RADH	RADW	DIX				
63	25 x 25	3	6	HT06-ASHR/L-132-25HP	63.0	132	13.0	25	69	78	46	38	100	150	3.118		
					2.480	5.197	.512	.984	2.735	3.071	1.811	1.496	3.937	2175			
100	25 x 25	3	6	HT10-ASHR/L-132-25HP	100.0	132	15.0	25	99	99	46	40	103	150	4.700		
					3.937	5.197	.591	.984	3.934	3.934	1.811	1.575	4.055	2175			

F



G

				Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LF	HF	OAW	OAH	RADH	RADW	DIX	BAR PSI	KG		
100	25 x 25	3	6	HT10-ASHR/L45-122-25HP	100.0	122	25	99	99	46	36	103	150	4.375		
					3.937	4.803	.984	3.934	3.934	1.811	1.417	4.055	2175			

H

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

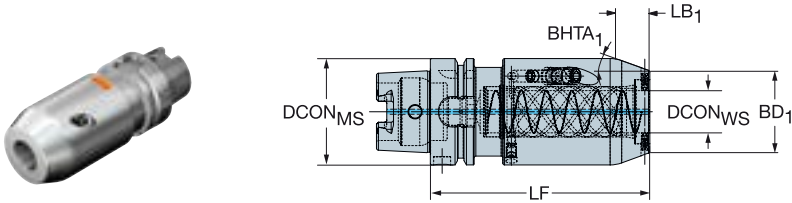
G1

H37

H5



HSK to CoroChuck™ 935



				Dimensions, mm, inch														
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	DCON_{MS}	DCON_{WS}	LSC	LF	LB₁	LB₂	LB₃	BD₁	BD₂	BD₃	BHTA₁	BAR PSI	NM	KG
63.0	20	1	1	935-HT06-EF20-110	63.0	20.0	80	110.0	18.0	84.0	110.0	43.9	57.0	63.0	20°	80	10.0	1.95
					2.480	.787	3.150	4.331	.709	3.309	4.331	1.728	2.244	2.480		1160		
	25	1	1	935-HT06-EF25-130	63.0	25.0	100	130.0	20.0	130.0		48.4	63.0		20°	80	10.0	2.50
					2.480	.984	3.937	5.118	.787	5.118		1.906	2.480			1160		

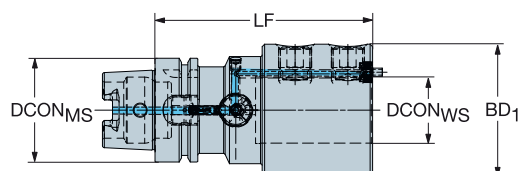
For spare parts, visit www.sandvik.coromant.com



A

HSK to cylindrical shank adapter

B

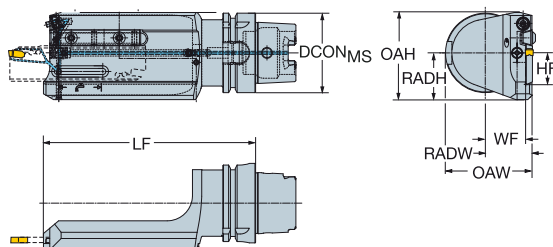


C

				Dimensions, mm, inch					
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	BD ₁	LF	BAR PSI KG
63	25	1	7	392.T63-131-124-25	63.0	25	63	124	80 2.630
					2.480	.984	2.480	4.882	1160
	40	1	7	392.T63-131-132-40	63.0	40	80	132	80 3.380
					2.480	1.575	3.150	5.197	1160

HSK to blade adapter

D



E

				Dimensions, mm, inch										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	LF	WF	HF	OAW	OAH	RADH	RADW	DIX	BAR PSI NM KG
63	25R/L	3	6	HT06-APBR/L-175-25HP	63.0	175	32.0	25	69	69	37	37	100	70 10 2.500
					2.480	6.890	1.260	.984	2.717	2.717	1.457	1.457	3.937	1015

F

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

G

H



G1



H37



H5

Machine-side interface rectangular shank

B

C

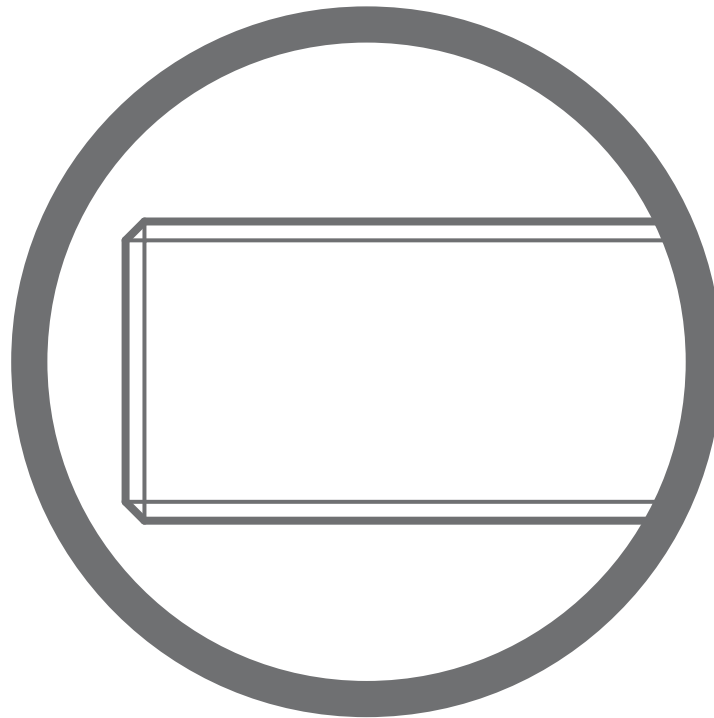
D

E

F

G

H



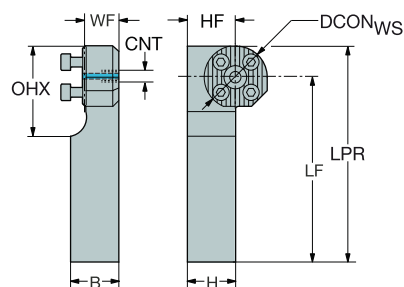
A

Rectangular shank to CoroTurn® SL adapter

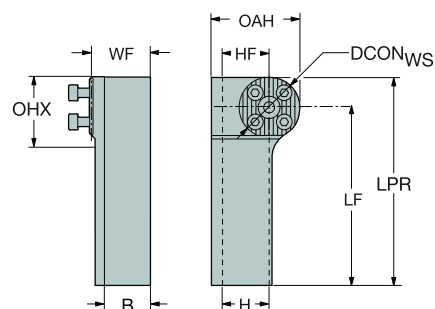
B



570-xxR/LF



570-xxR/LF-J/N



C

Metric version

						Dimensions, mm														
CZC _{MS}	CZC _{WS}	OHX	CNSC	CXSC	Ordering code	DCON _{WS}	B	H	LPR	LF	WF	HF	OAH	CNT				BAR	NM	KG
20 x 20	32	29.0	2	1	570-32R/LF-2020	32.0	20.0	20.0	113.7	97.7	18.0	20.0		G 1/8-28	70	8.8	0.4			
25 x 25	32	32.0	2	1	570-32R/LF-2525	32.0	25.0	25.0	131.7	115.7	18.0	25.0		G 1/8-28	70	8.8	0.6			
		25.0	0	0	570-32R/LF-2525N	32.0	25.0	25.0	135.7	119.7	32.5	25.0	47.3				8.8	0.9		
	40	30.0	0	0	570-40R/LF-2525N	40.0	25.0	25.0	131.7	111.3	32.5	25.0	51.3				17.0	0.9		
32 x 32	32	30.0	2	1	570-32R/LF-3232	32.0	32.0	32.0	151.7	135.7	26.0	32.0		G 1/8-28	70	8.8	1.2			
	40	36.0	2	1	570-40R/LF-3232	40.0	32.0	32.0	154.0	134.0	26.0	32.0		G 1/8-28	70	17.0	1.3			

D

Inch version

						Dimensions, inch														
CZC _{MS}	CZC _{WS}	OHX	CNSC	CXSC	Ordering code	DCON _{WS}	B	H	LPR	LF	WF	HF	OAH	CNT				PSI	FT/LBS	LBS
1 x 1	32	1.260	2	1	570-32R/LF-16	1.260	1.000	1.000	5.278	4.648	.709	1.000		NPSF 1/8-27	1015	6	1.6			
		.984	0	0	570-32R/LF-16N	1.260	1.000	1.000	5.278	4.648	1.295	1.000	1.879				6	2.0		
1 1/4 x 1 1/4	32	1.220	2	1	570-32R/LF-20	1.260	1.250	1.250	6.278	5.648	1.024	1.250		NPSF 1/8-27	1015	6	2.9			
	40	1.181	2	1	570-40R/LF-20	1.575	1.250	1.250	6.169	5.382	1.024	1.250		NPSF 1/8-27	1015	12	3.0			

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

J or N in code = reinforced adapter with increased support areas. No coolant through possible.

F

G

H



H37

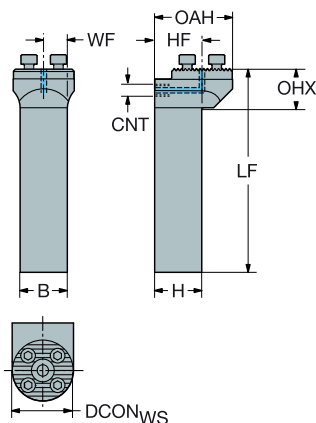


H5



H2

Rectangular shank to CoroTurn® SL adapter



Metric version

					Dimensions, mm														
CZC _{MS}	CZC _{WS}	OHX	CNSC	CXSC	Ordering code	DCON _{WS}	B	H	LF	WF	HF	OAH	CNT	BAR	NM	KG			
20 x 20	25	21.0	2	1	570-25NG-2020	25.0	20.0	20.0	111.0	10.0	20.0	32.6	G 1/8-28	80	3.7	0.4			
	32	21.0	2	1	570-32NG-2020	32.0	20.0	20.0	103.0	10.0	20.0	36.2	G 1/8-28	80	8.8	0.4			
25 x 25	25	21.0	2	1	570-25NG-2525	25.0	25.0	25.0	132.0	12.5	25.0	37.6	G 1/8-28	80	3.7	0.7			
	32	21.0	2	1	570-32NG-2525	32.0	25.0	25.0	132.0	12.5	25.0	41.2	G 1/8-28	80	8.8	0.7			
	40	25.0	2	1	570-40NG-2525	40.0	25.0	25.0	132.0	12.5	25.0	45.2	G 1/8-28	80	17.0	0.0			
32 x 32	32	21.0	2	1	570-32NG-3232	32.0	32.0	32.0	152.0	16.0	32.0	48.2	G 1/8-28	80	8.8	1.2			
	40	26.0	2	1	570-40NG-3232	40.0	32.0	32.0	152.0	16.0	32.0	52.2	G 1/8-28	80	17.0	1.3			

Inch version

						Dimensions, inch												PSI	FT/ LBS	LBS
CZC _{MS}	CZC _{WS}	OHX	CNSC	CXSC	Ordering code	DCON _{WS}	B	H	LF	WF	HF	OAH	CNT							
3/4 x 3/4	32	.827	2	1	570-32NG-12	1.260	.750	.750	4.120	.374	.750	1.386	G 1/8-28	1160	6	0.9				
1 x 1	32	.827	2	1	570-32NG-16	1.260	1.000	1.000	5.291	.499	1.000	1.638	G 1/8-28	1160	6	1.7				
1 1/4 x 1 1/4	32	.827	2	1	570-32NG-20	1.260	1.250	1.250	6.291	.625	1.250	1.886	G 1/8-28	1160	6	2.9				
	40	1.024	2	1	570-40NG-20	1.575	1.250	1.250	6.094	.625	1.250	2.047	G 1/8-28	1160	12	3.1				

For spare parts, visit www.sandvik.coromant.com

N = Neutral



H37



H5

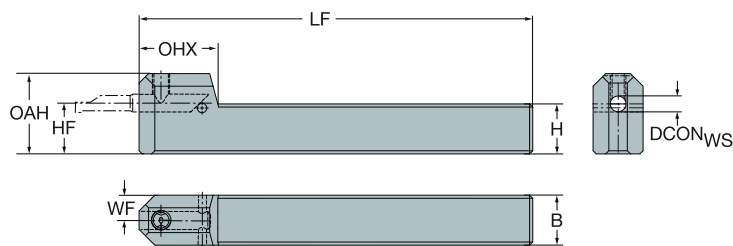


H2

A

Rectangular shank to CoroTurn® XS adapter

B



C

Metric version

		Dimensions, mm										
CZC _{MS}	CZC _{WS}	OHX	Ordering code	DCON _{WS}	B	H	LF	WF	HF	OAH	NM	KG
12 x 12	4	19.0	CXS-1212-04FN	4.0	12.0	12.0	100.0	6.0	12.0	21.0	7.0	0.1
	5	25.0	CXS-1212-05FN	5.0	12.0	12.0	100.0	6.0	12.0	21.5	7.0	0.1
	6	26.0	CXS-1212-06FN	6.0	12.0	12.0	100.0	6.0	12.0	22.0	7.0	0.1
16 x 16	4	19.0	CXS-1616-04FN	4.0	16.0	16.0	125.0	8.0	16.0	25.0	7.0	0.2
	5	25.0	CXS-1616-05FN	5.0	16.0	16.0	125.0	8.0	16.0	25.5	7.0	0.2
	6	26.0	CXS-1616-06FN	6.0	16.0	16.0	125.0	8.0	16.0	26.0	7.0	0.2
	7	26.5	CXS-1616-07FN	7.0	16.0	16.0	125.0	8.0	16.0	26.5	7.0	0.2
20 x 20	4	19.0	CXS-2020-04FN	4.0	20.0	20.0	125.0	10.0	20.0	29.0	7.0	0.4
	5	25.0	CXS-2020-05FN	5.0	20.0	20.0	125.0	10.0	20.0	29.5	7.0	0.4
	6	25.5	CXS-2020-06FN	6.0	20.0	20.0	125.0	10.0	20.0	30.0	7.0	0.4
	7	26.5	CXS-2020-07FN	7.0	20.0	20.0	125.0	10.0	20.0	30.5	7.0	0.4
	8	32.5	CXS-2020-08FN	8.0	20.0	20.0	125.0	10.0	20.0	31.0	7.0	0.4
	10	34.5	CXS-2020-10FN	10.0	20.0	20.0	125.0	10.0	20.0	32.0	7.0	0.4
25 x 25	5	25.9	CXS-2525-05FN	5.0	25.0	25.0	150.0	12.5	25.0	34.5	7.0	0.7
	6	25.5	CXS-2525-06FN	6.0	25.0	25.0	150.0	12.5	25.0	35.0	7.0	0.7
	7	26.5	CXS-2525-07FN	7.0	25.0	25.0	150.0	12.5	25.0	35.5	7.0	0.7
	8	32.5	CXS-2525-08FN	8.0	25.0	25.0	150.0	12.5	25.0	36.0	7.0	0.7
	10	34.5	CXS-2525-10FN	10.0	25.0	25.0	150.0	12.5	25.0	37.0	7.0	0.7

D

E

Inch version

		Dimensions, inch										
CZC _{MS}	CZC _{WS}	OHX	Ordering code	DCON _{WS}	B	H	LF	WF	HF	OAH	FT/LBS	LBS
3/4 x 3/4	8	1.280	CXS-12-08FN	.315	.750	.750	4.921	.375	.750	1.181	5	1.0
	10	1.358	CXS-12-10FN	.394	.750	.750	4.921	.375	.750	1.220	5	1.0
1 x 1	8	1.280	CXS-16-08FN	.315	1.000	1.000	5.906	.500	1.000	1.417	5	1.8
	10	1.358	CXS-16-10FN	.394	1.000	1.000	5.906	.500	1.000	1.457	5	1.8

F

For spare parts, visit www.sandvik.coromant.com

N = Neutral

G

H



H37

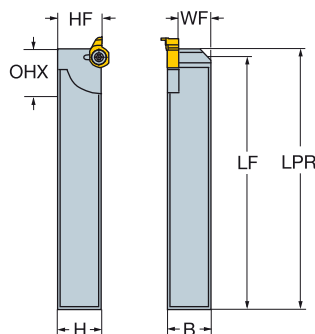


H5



B163

Rectangular shank to CoroCut® MB adapter



Metric version

			Dimensions, mm										
CZC _{MS}	CZC _{WS}	OHX	Ordering code	DCON _{WS}	B	H	LPR	LF	WF	HF	NM	KG	
12 x 12	09	20.0	MBG-1212-09R/L	9.0	12.0	12.0	100.0	95.5	15.1	12.0	3.0	0.1	
16 x 16	09	20.0	MBG-1616-09R/L	9.0	16.0	16.0	120.0	115.5	19.1	16.0	3.0	0.2	
20 x 20	09	20.0	MBG-2020-09R/L	9.0	20.0	20.0	120.0	115.5	23.1	20.0	3.0	0.4	
25 x 25	09	20.0	MBG-2525-09R/L	9.0	25.0	25.0	150.0	145.5	28.1	25.0	3.0	0.7	

Inch version

			Dimensions, inch										
CZC _{MS}	CZC _{WS}	OHX	Ordering code	DCON _{WS}	B	H	LPR	LF	WF	HF	FT/LBS	LBS	
5/8 x 5/8	09	.787	MBG-10C-09R/L	.354	.625	.625	4.724	4.547	.747	.625	2	0.6	
3/4 x 3/4	09	.787	MBG-12C-09R/L	.354	.750	.750	4.724	4.547	.872	.750	2	0.8	
1 x 1	09	.787	MBG-16D-09R/L	.354	1.000	1.000	5.906	5.728	1.122	1.000	2	1.7	

General minimum hole depends on insert; see respective insert ordering page.

R = Right hand, L = Left hand

Note: Right hand tools use left hand inserts and vice versa.

For spare parts, visit www.sandvik.coromant.com



H37

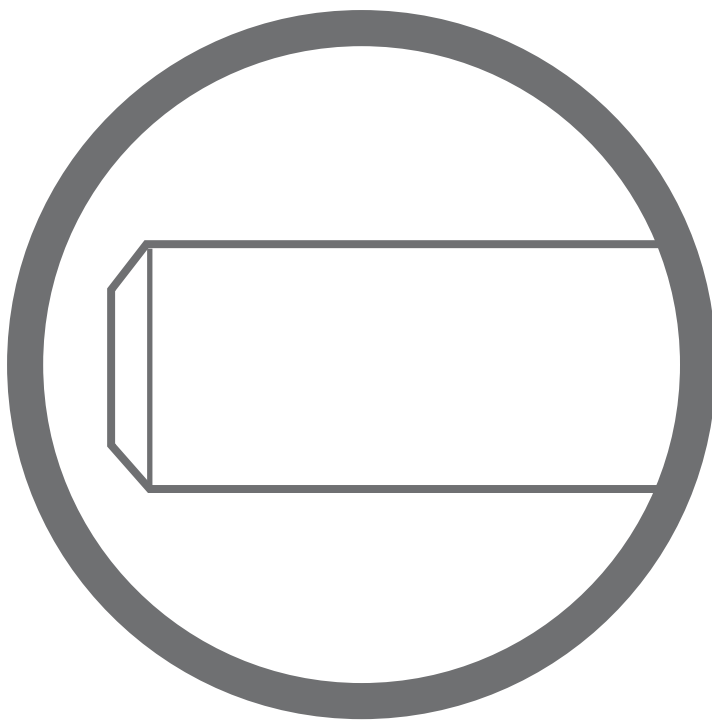


H5



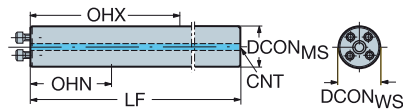
B173

Machine-side interface cylindrical shank



Cylindrical shank to CoroTurn® SL adapter

With groove for EasyFix sleeve



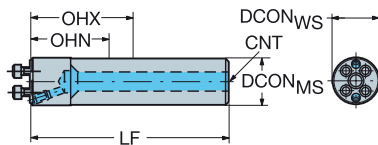
Metric version

							Dimensions, mm					
CZC _{MS}	CZC _{WS}	OHN	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	BAR	NM	KG
16	16	16.0	41.0	1	1	SL-2C 16 105	16.0	16.0	105.0	150	2.0	0.1
20	20	20.0	60.0	1	1	SL-2C 20 140	20.0	20.0	140.0	150	2.8	0.3
25	25	25.0	100.0	1	1	SL-2C 25 200	25.0	25.0	200.0	150	3.7	0.7

Inch version

							Dimensions, inch					
CZC _{MS}	CZC _{WS}	OHN	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	BD ₁	LF	PSI	FT/LBS
5/8	16	.630	1.614	1	1	SL-2C A10 105-16	.625	.630	.630	4.134	2175	1
3/4	20	.787	2.362	1	1	SL-2C A12 140-20	.750	.787	.787	5.512	2175	2
1	25	.984	3.937	1	1	SL-2C A16 200-25	1.000	.984	1.000	7.874	2175	2

Cylindrical shank to CoroTurn® SL solid-carbide adapter



Metric version

							Dimensions, mm					
CZC _{MS}	CZC _{WS}	OHN	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	BAR	NM	KG
16	16	16.0	76.0	1	3	A570-2C D10 07-16 CR	16.0	16.0	170.0	150	2.0	0.4
20	20	20.0	100.0	1	3	A570-2C D12 08-20 CR	20.0	20.0	200.0	150	2.8	0.8
25	25	25.0	130.0	1	3	A570-2C D16 10-25 CR	25.0	25.0	250.0	150	3.7	1.5

Inch version

							Dimensions, inch					
CZC _{MS}	CZC _{WS}	OHN	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	BD ₁	LF	PSI	FT/LBS
5/8	16	.630	2.963	1	3	A570-2C D10 07-16 CR	.625	.630	.630	7.087	2175	1
3/4	20	.787	3.713	1	3	A570-2C D12 08-20 CR	.750	.787	.787	8.071	2175	2
1	25	.984	5.213	1	3	A570-2C D16 10-25 CR	1.000	.984	1.000	10.039	2175	2

For spare parts, visit www.sandvik.coromant.com

N = Neutral



H37



H5



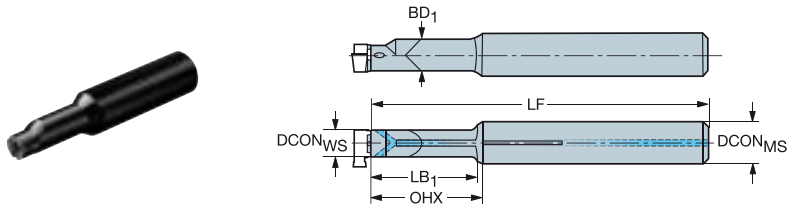
H2

Cylindrical shank to CoroCut® MB adapter

With groove for EasyFix sleeve

Carbide shank

B



C

Metric version

						Dimensions, mm							
CZC _{MS}	CZC _{WS}	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	BD ₁	LB ₁	LF	BAR	KG	
12	07	24.0	1	1	MB-E12-24-07R	12.0	7.0	7.4	20.1	88.1	10	0.1	
		32.0	1	1	MB-E12-32-07R	12.0	7.0	7.4	28.1	96.1	10	0.1	
		48.0	1	1	MB-E12-48-07R	12.0	7.0	7.4	44.1	111.1	10	0.1	
		64.0	1	3	MB-E12-64-07R	12.0	7.0	9.0	60.1	126.1	80	0.1	
		34.0	1	1	MB-E12-34-09R	12.0	9.0	9.5	28.7	94.7	10	0.1	
	09	45.0	1	1	MB-E12-45-09R	12.0	9.0	9.5	39.7	104.7	10	0.1	
		64.0	1	1	MB-E12-64-09R	12.0	9.0	9.5	59.7	124.7	10	0.0	
		34.0	1	1	MB-E16-34-09R	16.0	9.0	9.5	28.7	94.7	10	0.2	
		45.0	1	1	MB-E16-45-09R	16.0	9.0	9.5	39.7	104.7	10	0.2	
		64.0	1	1	MB-E16-64-09R	16.0	9.0	9.5	58.7	124.7	10	0.2	
	11	75.0	1	3	MB-E16-75-09R	16.0	9.0	11.0	69.8	134.8	80	0.2	
		42.0	1	1	MB-E16-42-11R	16.0	11.0	11.0	42.0	94.4	10	0.2	
		60.0	1	1	MB-E16-60-11R	16.0	11.0	11.0	60.0	124.4	10	0.3	
		85.0	1	1	MB-E16-85-11R	16.0	11.0	11.0	85.0	154.4	10	0.4	
		85.0	1	1	MB-E20-85-11R	20.0	11.0	11.0	85.0	154.4	10	0.5	

E

General minimum hole depends on insert; see respective insert ordering page.

For spare parts, visit www.sandvik.coromant.com

F

G

H



H37



H5



B173

Machine-side interface cylindrical shank with flat

B

C

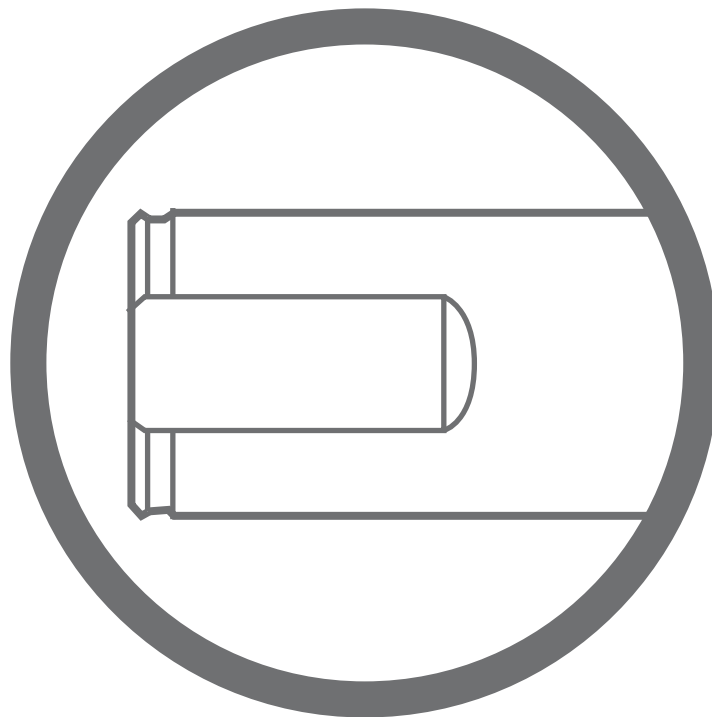
D

E

F

G

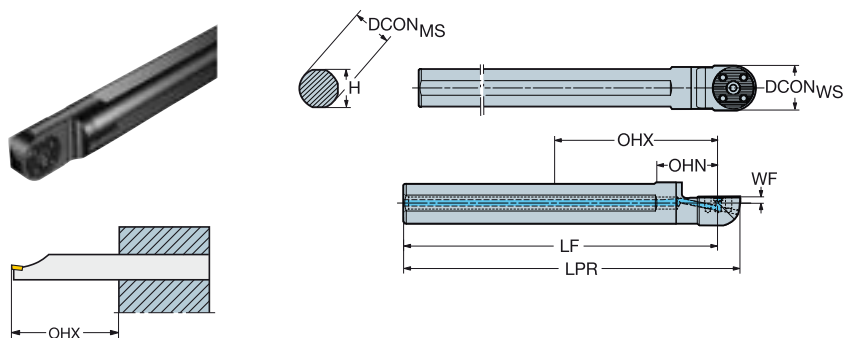
H



A

Cylindrical shank with flat to CoroTurn® SL adapter

Boring bars for facegrooving



C

Metric version

							Dimensions, mm												
CZC _{MS}	CZC _{WS}	OHN	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	H	LPR	LF	WF	BAR	NM	KG				
25	32	41.0	100.0	1	1	SL-25-32NF	25.0	32.0	23.0	216.0	200.0	5.9	70	8.8	0.8				
32	32	41.0	128.0	1	1	SL-32-32NF	32.0	32.0	30.0	266.0	250.0	5.9	70	8.8	1.4				
40	32	50.0	160.0	1	1	SL-40-32NF	40.0	32.0	37.0	320.0	300.0	5.9	70	8.8	2.7				
	40	50.0	160.0	1	1	SL-40-40NF	40.0	40.0	37.0	320.0	300.0	5.9	70	17.0	2.7				
50	32	50.0	200.0	1	1	SL-50-32NF	50.0	32.0	47.0	375.0	350.0	12.0	70	8.8	5.5				

D

Inch version

							Dimensions, inch												
CZC _{MS}	CZC _{WS}	OHN	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	H	LPR	LF	WF	PSI	FT/LBS	LBS				
1	32	1.969	4.000	1	1	SL-D16-32NF	1.000	1.260	.906	8.661	8.000	.232	1015	6	4.0				
1 1/4	32	1.969	5.000	1	1	SL-D20-32NF	1.250	1.260	1.181	10.630	10.000	.232	1015	6	3.4				
1 1/2	32	1.969	6.000	1	1	SL-D24-32NF	1.500	1.260	1.378	12.795	12.000	.232	1015	6	5.6				
	40	1.969	6.000	1	1	SL-D24-40NF	1.500	1.575	1.378	12.795	12.000	.232	1015	12	5.6				
2	32	1.969	8.000	1	1	SL-D32-32NF	2.000	1.260	1.874	14.961	14.016	.472	1015	6	12.6				

For spare parts, visit www.sandvik.coromant.com

N = Neutral

F

G

H



H37

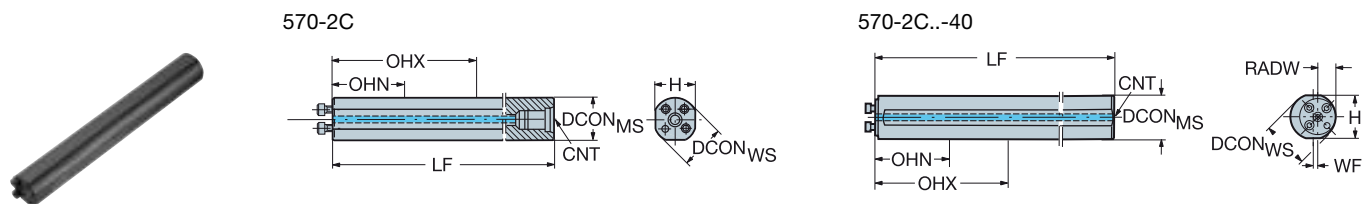


H5



H2

Cylindrical shank with flat to CoroTurn® SL adapter



Metric version

							Dimensions, mm												
CZC _{MS}	CZC _{WS}	OHN	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	H	LF	WF	CNT							
16	16	0.0	44.0	1	3	570-2C 16 105	16.0	16.0	15.0	105.0	0.0	G 1/8-28	150	2.0	0.1				
20	20	0.0	60.0	1	3	570-2C 20 140	20.0	20.0	18.0	140.0	0.0	G 1/4-19	150	2.8	0.3				
25	25	0.0	80.0	1	3	570-2C 25 200	25.0	25.0	23.0	200.0	0.0	G 1/4-19	150	3.7	0.7				
32	32	0.0	96.0	1	1	570-2C 32 218	32.0	32.0	30.0	218.0	0.0	G 3/8-19	150	8.8	1.1				
40	40	0.0	128.0	1	1	570-2C 40 283	40.0	40.0	37.0	283.0	0.0	G 1/2-14	150	17.0	2.4				
50	40	0.0	168.0	1	1	570-2C 50 368-40	50.0	40.0	47.0	368.0	5.0	G 1/2-14	150	17.0	5.2				
60	40	0.0	208.0	1	1	570-2C 60 468-40	60.0	40.0	57.0	468.0	10.0	G 1/2-14	150	17.0	9.4				

Inch version

							Dimensions, inch												
CZC _{MS}	CZC _{WS}	OHN	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	H	BD ₁	LF	WF	CNT	PSI	FT/LBS	LBS			
5/8	16	.000	1.713	1	3	A570-2C D10 04-16	.625	.630	.560	.630	4.210	.000	G 1/8-28	2175	1	0.3			
3/4	20	.000	2.213	1	3	A570-2C D12 05-20	.750	.787	.710	.787	5.200	.000	G 1/4-19	2175	2	0.6			
1	25	.000	3.213	1	3	A570-2C D16 07-25	1.000	.984	.910	.984	7.200	.000	G 1/4-19	2175	2	1.5			
1 1/4	32	.000	3.740	1	1	A570-2C D20 09-32	1.250	1.260	1.180	1.260	8.740	.000	G 3/8-19	2175	6	2.6			
1 1/2	40	.000	4.740	1	1	A570-2C D24 11-40	1.500	1.575	1.370	1.575	10.750	.000	G 1/2-14	2175	12	4.7			
1 3/4	40	.000	5.740	1	1	A570-2C D28 13-40	1.750	1.575	1.624	1.750	12.992	.000	G 1/2-14	2175	12	8.1			
2	40	.000	6.740	1	1	A570-2C D32 15-40	2.000	1.575	1.870	2.000	14.720	.213	G 1/2-14	2175	12	11.9			
2 1/2	40	.000	8.740	1	1	A570-2C D40 19-40	2.500	1.575	2.380	2.500	18.740	.462	G 1/2-14	2175	12	24.5			

For spare parts, visit www.sandvik.coromant.com

H37



H5

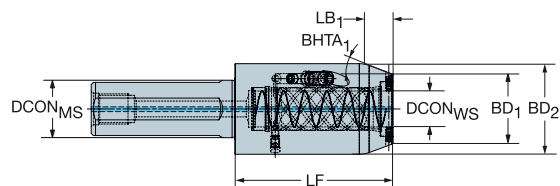


H2

A

Cylindrical shank with flats to CoroChuck™ 935

B



C

Metric version

					Dimensions, mm												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LSC	LF	LB ₁	BD ₁	BD ₂	BHTA ₁					
40	20	1	1	935-L40-EF20-070	40.0	20.0	100	70.0	18.0	43.9	57.0	20°	80	10.00	1.92		
	25	1	1	935-L40-EF25-110	40.0	25.0	100	110.0	20.0	48.4	63.0	20°	80	10.00	2.95		
50	20	1	1	935-L50-EF20-070	50.0	20.0	120	70.0	18.0	53.9	57.0	20°	80	10.00	2.74		
	25	1	1	935-L50-EF25-090	50.0	25.0	120	90.0	20.0	48.4	63.0	20°	80	10.00	3.32		

D

Inch version

				Dimensions												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LSC	LF	LB ₁	BD ₁	BD ₂	BHTA ₁	PSI	FT/ LBS	LBS	
2	3/4	1	1	935-LA32-EFA12-070	2.000	.750	4.724	2.756	.709	1.728	2.244	20°	1160	7.38	6.17	
	1	1	1	935-LA32-EFA16-090	2.000	1.000	4.724	3.543	.787	1.906	2.480	20°	1160	7.38	7.34	

E

For spare parts, visit www.sandvik.coromant.com

F

G

H



G1



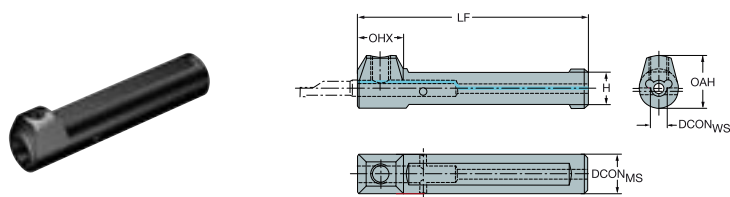
H37



H5

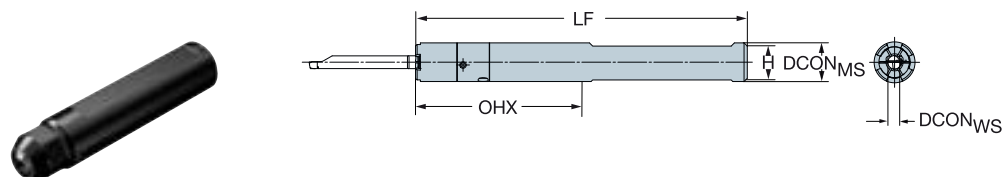
Cylindrical shank with flat to CoroTurn® XS adapter

Cylindrical with two flats



Steel shank

						Dimensions, mm, inch						
CZC _{MS}	CZC _{WS}	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	H	LF	OAH	BAR PSI	KG
10	4	14.0	1	1	CXS-A10-04	10.0	4	8	65	14	10	0.062
		.551				.394	.157	.315	2.559	.571	145	
	5	14.0	1	1	CXS-A10-05	10.0	5	8	65	15	10	0.060
		.551				.394	.197	.315	2.559	.591	145	
12	4	14.0	1	1	CXS-A12-04	12.0	4	10	70	15	10	0.084
		.551				.472	.157	.394	2.756	.610	145	
	5	14.0	1	1	CXS-A12-05	12.0	5	10	70	16	10	0.080
		.551				.472	.197	.394	2.756	.630	145	
	6	14.0	1	1	CXS-A12-06	12.0	6	10	70	16	10	0.081
		.551				.472	.236	.394	2.756	.650	145	
16	4	14.0	1	1	CXS-A16-04	16.0	4	14	75	17	10	0.120
		.551				.630	.157	.551	2.953	.689	145	
	5	14.0	1	1	CXS-A16-05	16.0	5	14	75	18	10	0.131
		.551				.630	.197	.551	2.953	.709	145	
	6	14.0	1	1	CXS-A16-06	16.0	6	14	75	18	10	0.120
		.551				.630	.236	.551	2.953	.728	145	
	7	14.0	1	1	CXS-A16-07	16.0	7	14	75	19	10	0.129
		.551				.630	.276	.551	2.953	.748	145	
	8	14.0	1	1	CXS-A16-08	16.0	8	14	75	19	10	0.130
		.551				.630	.315	.551	2.953	.768	145	
20	4	14.0	1	1	CXS-A20-04	20.0	4	18	90	20	10	0.231
		.551				.787	.157	.709	3.543	.787	145	
	5	14.0	1	1	CXS-A20-05	20.0	5	18	90	20	10	0.213
		.551				.787	.197	.709	3.543	.787	145	
	6	14.0	1	1	CXS-A20-06	20.0	6	18	90	22	10	0.229
		.551				.787	.236	.709	3.543	.866	145	
	7	14.0	1	1	CXS-A20-07	20.0	7	18	90	22	10	0.227
		.551				.787	.276	.709	3.543	.866	145	
	8	14.0	1	1	CXS-A20-08	20.0	8	18	90	25	10	0.010
		.551				.787	.315	.709	3.543	.984	145	
	10	14.0	1	1	CXS-A20-10	20.0	10	18	90	25	10	0.230
		.551				.787	.394	.709	3.543	.984	145	
25	8	15.0	1	1	CXS-A25-08	25.0	8	23	110	25	10	0.413
		.591				.984	.315	.906	4.331	.984	145	
	10	15.0	1	1	CXS-A25-10	25.0	10	23	110	25	10	0.410
		.591				.984	.394	.906	4.331	.984	145	



						Dimensions, mm, inch						
CZC _{MS}	CZC _{WS}	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	H	LF	BAR PSI	NM	KG
12 (x 10)	4	53.0	1	3	CXS-E12-04-X	12.0	4	11	103	80	8	0.152
		2.087				.472	.157	.433	4.055	1160		
	5	58.0	1	3	CXS-E12-05-X	12.0	5	24	108	80	8	0.274
		2.283				.472	.197	.945	4.252	1160		

For spare parts, visit www.sandvik.coromant.com

H37



H5

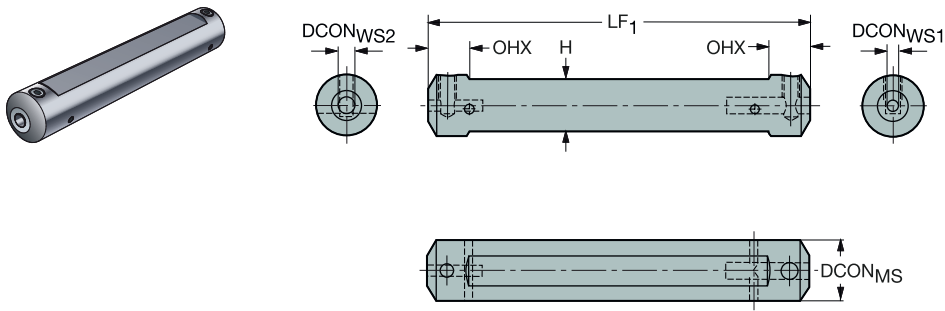


B163

A

Cylindrical shank with flat to CoroTurn® XS double-ended adapter

B



C

For Citizen machines

						Dimensions, mm, inch							
CZC _{MS}	CZC _{WS}	OHN	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	H	LF	BAR PSI	NM	KG	
3/4	6	15.0	1	1	CXS-A075-04-06	19.1	6	18	140	10	7	0.280	
.591						.750	.236	.709	5.512	145			

D

						Dimensions, mm, inch						
CZC _{MS}	CZC _{WS}	OHN	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	H	LF ₁	BAR PSI	KG	
20	6	15.0	1	1	CXS-A20-04-06	20.0	6	18	140	10	0.336	
						.787	.236	.709	5.512	145		

For spare parts, visit www.sandvik.coromant.com

E

F

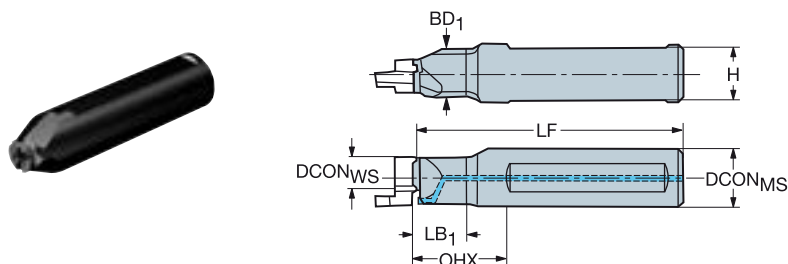
G

H



Cylindrical shank with flat to CoroCut® MB adapter

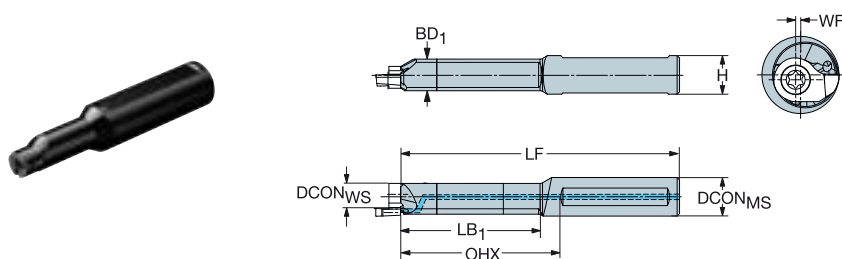
Steel shank



Metric version

						Dimensions, mm									
CZC _{MS}	CZC _{WS}	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	H	BD ₁	LB ₁	LF				
16	09	15.7	1	1	MB-A16-05-09R/L-HP	16.0	9.0	14.0	16.0	5.3	64.7	80	0.1		
		20.0	1	1	MB-A16-20-09R/L-HP	16.0	9.0	14.0	9.0	20.0	74.7	80	0.1		
20	11	5.6	1	1	MB-A20-05-11R/L-HP	20.0	11.0	18.0	11.0	5.6	79.4	80	0.2		

Carbide shank



Metric version

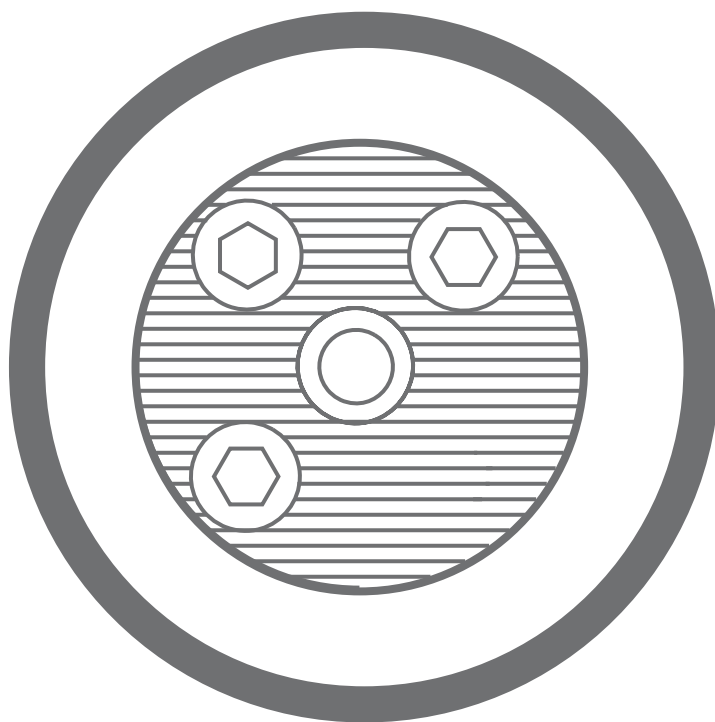
						Dimensions, mm									
CZC _{MS}	CZC _{WS}	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	H	BD ₁	LB ₁	LF	WF			
12	07	27.0	1	3	MB-E12-24-07	12.0	7.0	10.0	7.4	20.1	87.9	0.0	10	0.0	
		35.0	1	3	MB-E12-32-07	12.0	7.0	10.0	7.4	28.1	96.1	0.0	10	0.1	
		50.0	1	3	MB-E12-48-07	12.0	7.0	10.0	7.4	44.1	111.1	0.0	10	0.2	
	09	34.0	1	3	MB-E12-34-09	12.0	9.0	10.0	9.5	28.7	94.7	0.0	10	0.1	
		45.0	1	3	MB-E12-45-09	12.0	9.0	10.0	9.5	39.7	104.7	0.0	10	0.1	
		64.0	1	3	MB-E12-64-09	12.0	9.0	10.0	9.5	59.7	124.7	0.0	10	0.1	
16	09	45.0	1	3	MB-E16-45-09	16.0	9.0	14.0	9.5	39.7	104.7	0.0	10	0.2	
		64.0	1	3	MB-E16-64-09	16.0	9.0	14.0	9.5	58.7	124.7	0.0	10	0.2	
		42.0	1	3	MB-E16R/L-42-09	16.0	9.0	15.0	13.0	36.7	94.8	1.0	80	0.2	
		60.0	1	3	MB-E16R/L-60-09	16.0	9.0	15.0	13.0	56.7	114.8	1.0	80	0.1	

General minimum hole depends on insert; see respective insert ordering page.

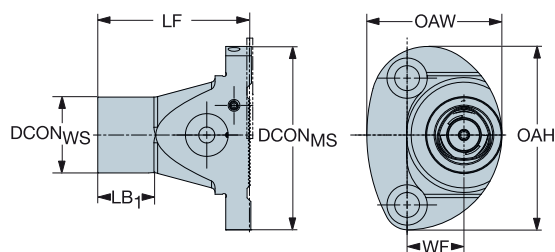
R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com

Machine-side interface CoroTurn® SL



CoroTurn® SL to Coromant Capto® adapter with quick change



				Dimensions, mm, inch											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	H	LB ₁	LF	WF	OAW	OAH	BAR PSI	NM	KG
80	C3	1	1	C3-QC-SL80-R	80.0	32	37	24	64	24.0	57	77	150	35	0.580
					3.150	1.260	1.476	.965	2.520	.945	2.244	3.047	2175		
100	C3	1	1	C3-QC-SL100-R	100.0	32	37	24	64	34.0	80	76	150	35	0.720
					3.937	1.260	1.476	.965	2.520	1.339	3.150	3.012	2175		

For spare parts, visit www.sandvik.coromant.com

R = Right hand



H37



H5

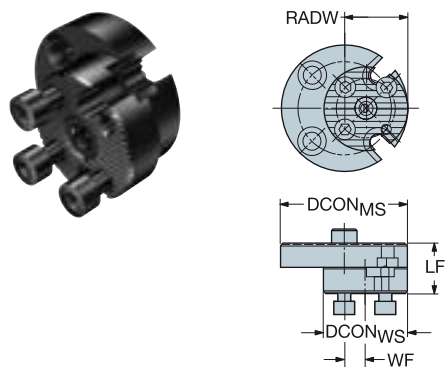


H2

A

CoroTurn® SL reduction adapter

B

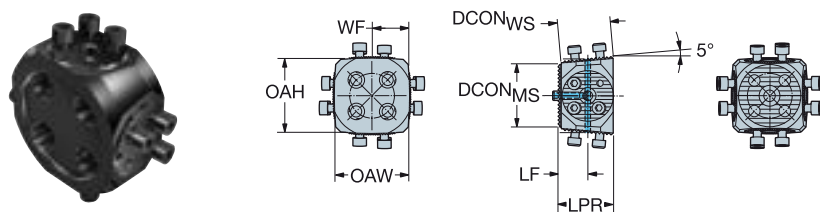


C

					Dimensions, mm, inch											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	BD ₁	LB ₁	LF	WF	OAW	RADW				
40	32	1	1	570-40 22-32	40.0	32	50	22	22	8.0	44	24	8	0.200		
					1.575	1.260	1.969	.866	.866	.315	1.732	.945				
50	32	1	1	570-50 23-32	50.0	32	50	11	23	9.0	50	25	8	0.234		
					1.969	1.260	1.969	.449	.906	.354	1.969	.984				
	40	1	1	570-50 23-40	50.0	40	50	11	23	10.0	55	30	17	0.276		
					1.969	1.575	1.969	.449	.906	.394	2.165	1.181				
60	40	1	1	570-60 23-40	60.0	40	60	11	23	10.0	60	30	17	0.400		
					2.362	1.575	2.362	.449	.906	.394	2.362	1.181				

D

Mini-turret for four CoroTurn® SL heads



E

				Dimensions, mm, inch											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LPR	LF	WF	OAW	OAH	BAR PSI	NM	KG	
40	32	1	1	570-4-32-40-050-RA	40.0	32	34	18	23.0	49	49	20	8	0.477	
					1.575	1.260	1.358	.709	.906	1.941	1.941	290			

F

For spare parts, visit www.sandvik.coromant.com

G

H



H37

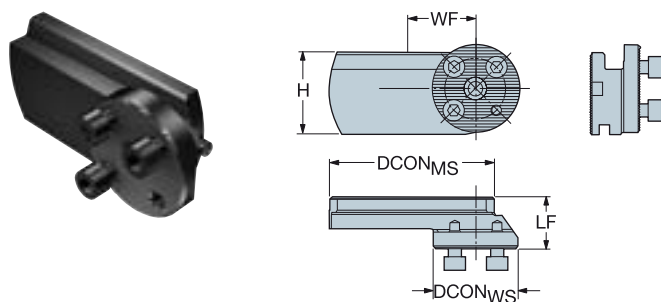


H5

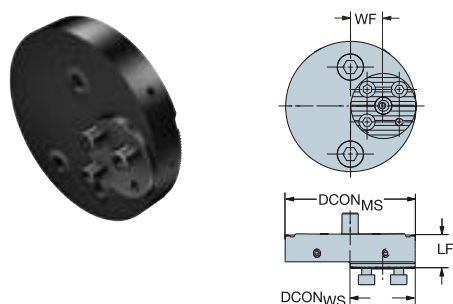


H2

CoroTurn® SL quick change to CoroTurn® SL adapter



		Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	Ordering code	DCON _{MS}	DCON _{WS}	H	LF	WF	HF	NM	KG	
80	40	570-80 23-40R/L	80.0	40	37	23	70.0	20	17	0.392	
			3.150	1.575	1.476	.906	2.756	.787			



					Dimensions, mm, inch								
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	H	LF	WF				
80	40	1	1	570-80 20 20-40R	80.0	40	37	20	20.0	80	17	0.800	
					3.150	1.575	1.476	.787	.787	1160			
100	40	1	1	570-100 20 30-40R	100.0	40	37	20	30.0	80	17	1.184	
					3.937	1.575	1.476	.787	1.181	1160			

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand



H37



H5

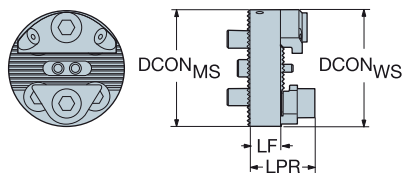


H2

A

CoroTurn® SL to CoroTurn® SL quick change adapter

B

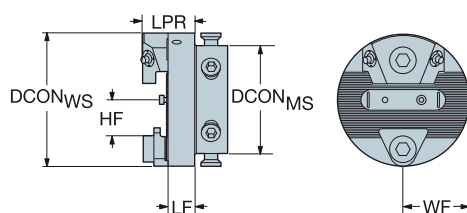


C

				Dimensions, mm, inch							
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LPR	LF	BAR PSI	KG	
32	32	1	2	SL-32 11-32-QC	32.0	32	19	11	70	0.110	
					1.260	1.260	.768	.433	1015		
40	32	1	2	SL-40 12-32-QC	40.0	32	21	12	70	0.171	
					1.575	1.260	.859	.472	1015		

570-80 to CoroTurn® SL quick change adapter

D



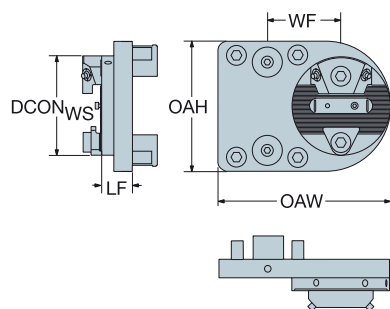
Conversion from 580 coupling to CoroTurn® SL quick change

				Dimensions, mm, inch							
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LPR	LF	BAR PSI	NM	KG
80	80	1	2	570-80 17-580-80	65.0	80	32	17	80	50	1.100
					2.559	3.150	1.280	.669	1160		

E

Bolt pattern to CoroTurn® SL adapter

F



G

The adapter fits all boring bars from diameter 200 mm (7.874 inch).

				Dimensions, mm, inch										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{WS}	B	H	LF	WF	OAW	OAH	BAR PSI	NM	KG
122 x 105	80	1	1	570-80 200R	80	122	105	25	59.5	139	104	80	50	2.345
					3.150	4.803	4.134	.984	2.343	5.472	4.094	1160		

For spare parts, visit www.sandvik.coromant.com

H



H37

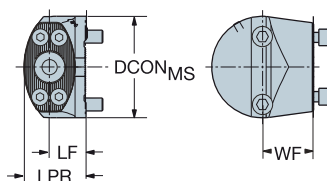


H5

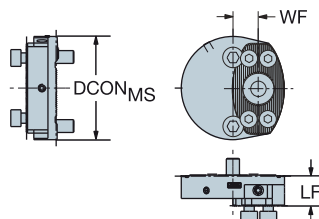


H2

CoroTurn® SL quick change to CoroTurn® SL70 adapter



				Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	H	LPR	LF	WF	BAR PSI	NM	KG	
80	70	1	1	SL70-80 40-RF	80.0	37	48	28	40.0	70	30	1.380	
					3.150	1.476	1.890	1.102	1.575	1015			



				Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	H	LF	WF	BAR PSI	NM	KG		
80	70	1	1	SL70-80 23-RG	80.0	37	23	20.0	80	30	1.000		
					3.150	1.476	.906	.787	1160				

For spare parts, visit www.sandvik.coromant.com



H37



H5

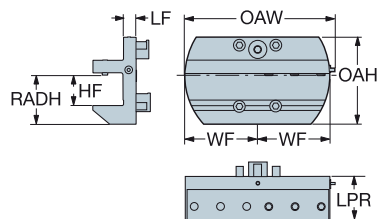


H2

A

CoroTurn® SL to rectangular shank adapter

B

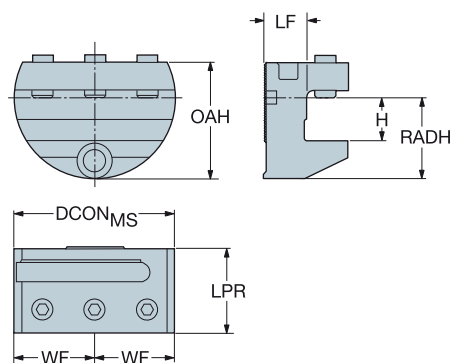


C

				Ordering code	Dimensions, mm, inch											
CZC _{MS}	CZC _{WS}	CNSC	CXSC		B	H	LPR	LF	WF	HF	OAW	OAH	RADH	BAR PSI	KG	
122 x 105	32 x 32	1	2		570-200 3232-M	122	105	55	23	97.4	32	205	115	60	80	8.660
					4.803	4.134	2.165	.906	3.835	1.260	8.071	4.528	2.362	1160		

D

CoroTurn® SL quick change to rectangular shank adapter



E

		Dimensions, mm, inch											
CZC _{MS}	CZC _{WS}	Ordering code	DCON _{MS}	H	LPR	LF	WF	HF	OAW	OAH	KG		
80	20 x 20	570-80 20 2020R	80.0	37	40	20	38.5	20	77	56	0.783		
			3.150	1.476	1.575	.787	1.516	.787	3.032	2.205			

For spare parts, visit www.sandvik.coromant.com

F

G

H



H37



H5



H2

Silent Tools®

Adapters with a dampening mechanism

Application

- Turning, Threading, and Grooving
- In operations with long overhangs ($3-14 \times D$ or vibration tendencies)

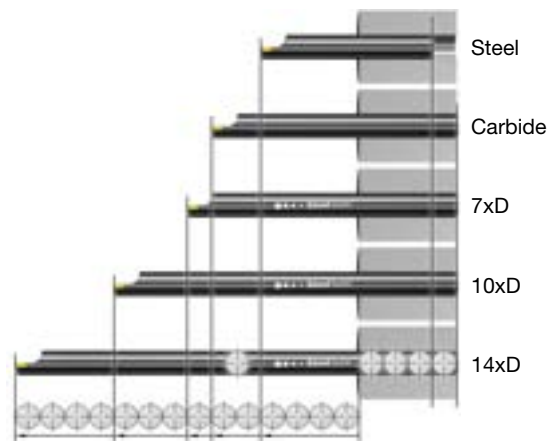
Minimizing vibration at long overhangs over $3 \times D$

Silent Tools adapters minimize vibration through a dampener inside the tool maintaining good productivity and close tolerances even at long overhangs



● ● ● ● SilentTools®

Silent Tools damped boring bars and adapters also make it possible to maintain good productivity and close tolerances for long tool overhangs beyond $3 \times$ bar diameter. Silent Tools damped steel bars make it possible to machine up to $10 \times$ bar diameter, and damped carbide reinforced bars go even higher, up to $14 \times$ bar diameter tool overhang.

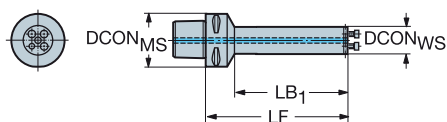


Can be combined with CoroTurn® SL cutting heads for customized solution for turning, threading, and grooving



The dampening system consists of a heavy mass supported on rubber spring elements

Coromant Capto® to CoroTurn® SL damped adapter



● ● ● SilentTools®

C

				Dimensions, mm, inch							
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LB ₁	LF	BAR PSI	NM	KG
C3	16	3	3	C3-570-3C 16 082	32.0	16	63	82	70	2	0.250
					1.260	.630	2.496	3.228	1015		
	20	3	3	C3-570-3C 20 101	32.0	20	82	101	70	2	0.330
					1.260	.787	3.264	3.976	1015		
	25	3	3	C3-570-3C 25 125	32.0	25	107	125	70	3	0.600
D					1.260	.984	4.236	4.921	1015		
		3	3	C3-570-3C 25 180	32.0	25	161	180	70	3	0.802
					1.260	.984	6.370	7.087	1015		
		3	1	C3-SL-3C 25 125	32.0	25	106	125	70	3	0.637
					1.260	.984	4.205	4.921	1015		
E					32.0	25	161	180	70	3	0.802
	32	3	1	C3-570-3C 32 133	32.0	32	133	133	70	8	1.000
					1.260	1.260	5.236	5.236	1015		
		3	1	C3-570-3C 32 224	32.0	32	224	224	70	8	1.800
					1.260	1.260	8.819	8.819	1015		
F	C4	16	3	C4-570-3C 16 088	40.0	16	63	88	70	2	0.400
					1.575	.630	2.492	3.465	1015		
		20	3	C4-570-3C 20 107	40.0	20	82	107	70	2	0.538
					1.575	.787	3.260	4.213	1015		
		25	3	C4-570-3C 25 132	40.0	25	108	132	70	3	0.800
G					1.575	.984	4.272	5.197	1015		
			3	C4-570-3C 25 180	40.0	25	155	180	70	3	0.964
					1.575	.984	6.130	7.087	1015		
			3	C4-SL-3C 25 132	40.0	25	107	132	70	3	0.810
					1.575	.984	4.240	5.197	1015		
H			3	C4-SL-3C 25 180	40.0	25	155	180	70	3	1.080
					1.575	.984	6.130	7.087	1015		
		32	3	C4-570-3C 32 154	40.0	32	131	154	70	8	0.001
					1.575	1.260	5.173	6.063	1015		
			3	C4-570-3C 32 224	40.0	32	200	224	70	8	2.080
I					1.575	1.260	7.898	8.819	1015		
		40	3	C4-570-3C 40 173	40.0	40	173	173	70	17	1.745
					1.575	1.575	6.811	6.811	1015		
			3	C4-570-3C 40 288	40.0	40	288	288	70	17	3.416
					1.575	1.575	11.339	11.339	1015		

CXSC=1 to be used with cutting heads with precision coolant

CXSC=3 to be used with cutting heads with axial coolant

For spare parts, visit www.sandvik.coromant.com



E4



G1



H37

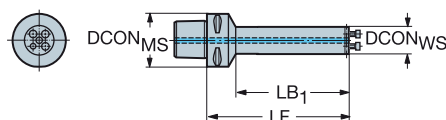


H5



H2

Coromant Capto® to CoroTurn® SL damped adapter



● ● ● ● SilentTools®

					Dimensions, mm, inch						
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LB ₁	LF	BAR PSI	NM	KG
C5	16	3	3	C5-570-3C 16 085	50.0	16	58	85	70	2	0.570
					1.969	.630	2.303	3.346	1015		
	20	3	3	C5-570-3C 20 109	50.0	20	83	109	70	2	0.744
					1.969	.787	3.287	4.291	1015		
	25	3	3	C5-570-3C 25 133	50.0	25	107	133	70	3	1.000
					1.969	.984	4.240	5.236	1015		
	3	3	3	C5-570-3C 25 180	50.0	25	154	180	70	3	1.230
					1.969	.984	6.075	7.087	1015		
	3	3	3	C5-570-3C 25 230	50.0	25	201	230	70	3	1.400
					1.969	.984	7.913	9.055	1015		
	3	1	3	C5-SL-3C 25 133	50.0	25	106	133	70	3	1.045
					1.969	.984	4.197	5.236	1015		
	3	1	3	C5-SL-3C 25 180	50.0	25	154	180	70	3	1.223
					1.969	.984	6.075	7.087	1015		
	3	1	3	C5-SL-3C 25 230	50.0	25	200	230	70	3	1.433
					1.969	.984	7.894	9.055	1015		
C5	32	3	1	C5-570-3C 32 154	50.0	32	129	154	70	8	1.400
					1.969	1.260	5.102	6.063	1015		
	3	1	3	C5-570-3C 32 224	50.0	32	199	224	70	8	1.880
					1.969	1.260	7.846	8.819	1015		
	3	1	3	C5-570-3C 32 288	50.0	32	261	288	70	8	2.400
					1.969	1.260	10.276	11.339	1015		
	40	3	1	C5-570-3C 40 194	50.0	40	170	194	70	17	2.244
					1.969	1.575	6.720	7.638	1015		
C5	3	1	3	C5-570-3C 40 288	50.0	40	263	288	70	17	3.620
					1.969	1.575	10.370	11.339	1015		
	3	1	3	C5-570-3C 40 368	50.0	40	344	368	70	17	4.200
					1.969	1.575	13.563	14.488	1015		
C6	16	3	3	C6-570-3C 16 088	63.0	16	58	88	70	2	1.016
					2.480	.630	2.303	3.465	1015		
	20	3	3	C6-570-3C 20 108	63.0	20	78	108	70	2	1.000
					2.480	.787	3.091	4.252	1015		
	25	3	3	C6-570-3C 25 132	63.0	25	103	132	70	3	1.500
					2.480	.984	4.055	5.197	1015		
	3	3	3	C6-570-3C 25 180	63.0	25	146	180	70	3	1.600
					2.480	.984	5.780	7.087	1015		
	3	3	3	C6-570-3C 25 230	63.0	25	197	230	70	3	1.700
					2.480	.984	7.756	9.055	1015		
	3	1	3	C6-SL-3C 25 132	63.0	25	101	132	70	3	1.395
					2.480	.984	4.012	5.197	1015		
	3	1	3	C6-SL-3C 25 180	63.0	25	146	180	70	3	1.597
					2.480	.984	5.780	7.087	1015		
	3	1	3	C6-SL-3C 25 230	63.0	25	196	230	70	3	1.808
					2.480	.984	7.748	9.055	1015		
C6	32	3	1	C6-570-3C 32 159	63.0	32	129	159	70	8	1.800
					2.480	1.260	5.110	6.260	1015		
	3	1	3	C6-570-3C 32 224	63.0	32	191	224	70	8	2.222
					2.480	1.260	7.547	8.819	1015		
C6	3	1	3	C6-570-3C 32 288	63.0	32	257	288	70	8	2.700
					2.480	1.260	10.150	11.339	1015		

CXSC=1 to be used with cutting heads with precision coolant
CXSC=3 to be used with cutting heads with axial coolant

For spare parts, visit www.sandvik.coromant.com



E4



G1



H37



H5

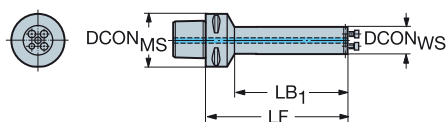


H2

A

Coromant Capto® to CoroTurn® SL damped adapter

B



● ● ● SilentTools®

C

				Dimensions, mm, inch							
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LB ₁	LF			
C6	40	3	1	C6-570-3C 40 198	63.0	40	169	198	70	17	2.600
					2.480	1.575	6.669	7.795	1015		
				C6-570-3C 40 288	63.0	40	257	288	70	17	3.950
					2.480	1.575	10.122	11.339	1015		
		3	1	C6-570-3C 40 368	63.0	40	338	368	70	17	4.200
					2.480	1.575	13.343	14.488	1015		
C8	25	3	3	C8-570-3C 25 147	80.0	25	107	147	70	3	2.300
					3.150	.984	4.236	5.787	1015		
				C8-SL-3C 25 147	80.0	25	106	147	70	3	2.557
					3.150	.984	4.197	5.787	1015		
	32	3	1	C8-570-3C 32 172	80.0	32	133	172	70	8	2.800
					3.150	1.260	5.260	6.772	1015		
				C8-570-3C 32 224	80.0	32	184	224	70	8	3.620
					3.150	1.260	7.264	8.819	1015		
	40	3	1	C8-570-3C 40 224	80.0	40	186	224	70	17	3.700
					3.150	1.575	7.346	8.819	1015		
				C8-570-3C 40 288	80.0	40	246	288	70	17	5.250
					3.150	1.575	9.705	11.339	1015		
		3	1	C8-570-3C 40 368	80.0	40	330	368	70	17	5.400
					3.150	1.575	13.028	14.488	1015		

D

E

CXSC=1 to be used with cutting heads with precision coolant
CXSC=3 to be used with cutting heads with axial coolant

For spare parts, visit www.sandvik.coromant.com

F

G

H



E4



G1



H37

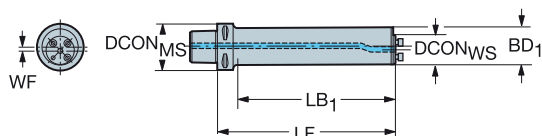


H5



H2

Coromant Capto® to CoroTurn® SL damped adapter



● ● ● ● SilentTools®

				Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	BD ₁	LB ₁	LF	WF	BAR PSI	NM	KG
C5	40	3	1	C5-570-3C 50 223-40R/L	50.0	40	50	223	223	5.0	70	17	3.600
					1.969	1.575	1.969	8.780	8.780	.197	1015		
		3	1	C5-570-3C 50 368-40R/L	50.0	40	50	368	368	5.0	70	17	6.006
					1.969	1.575	1.969	14.488	14.488	.197	1015		
		3	1	C5-570-3C 50 468-40R/L	50.0	40	50	468	468	5.0	70	17	7.700
					1.969	1.575	1.969	18.425	18.425	.197	1015		
C6	40	3	1	C6-570-3C 50 247-40R/L	63.0	40	50	222	247	5.0	70	17	4.200
					2.480	1.575	1.969	8.740	9.724	.197	1015		
		3	1	C6-570-3C 50 368-40R/L	63.0	40	50	341	368	5.0	70	17	6.000
					2.480	1.575	1.969	13.433	14.488	.197	1015		
		3	1	C6-570-3C 50 468-40R/L	63.0	40	50	440	468	5.0	70	17	7.400
					2.480	1.575	1.969	17.323	18.425	.197	1015		
		3	1	C6-570-3C 60 295-40R/L	63.0	40	60	273	295	10.0	70	17	6.800
					2.480	1.575	2.362	10.748	11.614	.394	1015		
		3	1	C6-570-3C 60 448-40R/L	63.0	40	60	424	448	10.0	70	17	11.000
					2.480	1.575	2.362	16.724	17.638	.394	1015		
		3	1	C6-570-3C 60 568-40R/L	63.0	40	60	545	568	10.0	70	17	12.200
					2.480	1.575	2.362	21.457	22.362	.394	1015		
C8	40	3	1	C8-570-3C 50 297-40R/L	80.0	40	50	261	297	5.0	70	17	5.800
					3.150	1.575	1.969	10.276	11.693	.197	1015		
		3	1	C8-570-3C 50 368-40R/L	80.0	40	50	330	368	5.0	70	17	7.500
					3.150	1.575	1.969	13.028	14.488	.197	1015		
		3	1	C8-570-3C 50 468-40R/L	80.0	40	50	434	468	5.0	70	17	8.300
					3.150	1.575	1.969	17.087	18.425	.197	1015		
		3	1	C8-570-3C 60 355-40R/L	80.0	40	60	320	355	10.0	70	17	8.900
					3.150	1.575	2.362	12.610	13.976	.394	1015		
		3	1	C8-570-3C 60 448-40R/L	80.0	40	60	409	448	10.0	70	17	11.800
					3.150	1.575	2.362	16.110	17.638	.394	1015		
		3	1	C8-570-3C 60 568-40R/L	80.0	40	60	531	568	10.0	70	17	13.000
					3.150	1.575	2.362	20.917	22.362	.394	1015		

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand



E4



G1



H37



H5



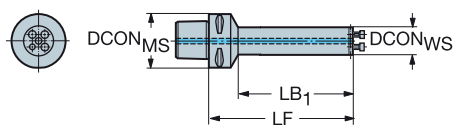
H2

A

Coromant Capto® to CoroTurn® SL damped adapter

For threading and grooving operations

B

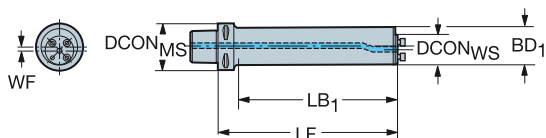


● ● ● ● SilentTools®

C

						Dimensions, mm, inch						
CZC _{MS}	CZC _{WS}	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LB ₁	LF	BAR PSI	NM	KG
C4	40	120.0	3	1	C4-570-4C 40 120	40.0	40	120	120	70	17	1.400
		4.724				1.575	1.575	4.724	4.724	1015		
C5	40	120.0	3	1	C5-570-4C 40 120	50.0	40	98	120	70	17	1.600
		4.724				1.969	1.575	3.858	4.724	1015		
C6	40	94.0	3	1	C6-570-4C 40 120	63.0	40	94	120	70	17	1.900
		3.701				2.480	1.575	3.701	4.724	1015		

D



E

● ● ● ● SilentTools®

					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	BD ₁	LB ₁	LF	WF			
C5	40	150.0	3	1	C5-570-4C 50 150-40R/L	50.0	40	50	150	150	5.0	70	17	2.500
		5.906				1.969	1.575	1.969	5.906	5.906	.197	1015		
C6	40	150.0	3	1	C6-570-4C 50 150-40R/L	63.0	40	50	122	150	5.0	70	17	2.800
		5.906				2.480	1.575	1.969	4.803	5.906	.197	1015		
		180.0	3	1	C6-570-4C 60 180-40R/L	63.0	40	60	157	180	10.0	70	17	4.100
		7.087				2.480	1.575	2.362	6.181	7.087	.394	1015		
C8	40	147.0	3	1	C8-570-4C 60 180-40R/L	80.0	40	60	147	180	10.0	70	17	4.900
		5.787				3.150	1.575	2.362	5.787	7.087	.394	1015		

For spare parts, visit www.sandvik.coromant.com

R = Right hand, L = Left hand

G

H



E4



G1



H37



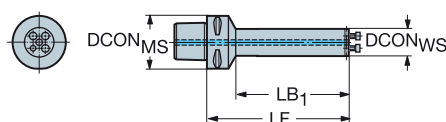
H5



H2

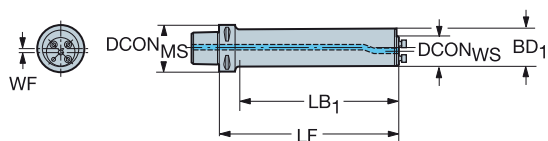
Coromant Capto® to CoroTurn® SL damped adapter

Carbide-reinforced boring bar



● ● ● ● SilentTools®

					Dimensions, mm, inch						
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LB ₁	LF	BAR PSI	NM	KG
C6	25	3	1	C6-SL-3C 25 280 CR-M	63.0	25	248	280	70	3	2.000
					2.480	.984	9.772	11.024	1015		
		3	3	C6-SL3C25280CR	63.0	25	245	280	70	3	2.000
					2.480	.984	9.646	11.024	1015		
	32	3	1	C6-SL3C32352CR	63.0	32	317	352	70	8	3.500
					2.480	1.260	12.480	13.858	1015		
	40	3	1	C6-SL3C40448CR	63.0	40	416	448	70	17	5.500
					2.480	1.575	16.378	17.638	1015		
C8	25	3	1	C8-SL-3C 25 280 CR-M	80.0	25	248	280	70	3	3.000
					3.150	.984	9.772	11.024	1015		
	32	3	1	C8-SL3C32352CR	80.0	32	317	352	70	8	4.500
					3.150	1.260	12.480	13.858	1015		
	40	3	1	C8-SL3C40448CR	80.0	40	416	448	70	17	6.500
					3.150	1.575	16.378	17.638	1015		



● ● ● ● SilentTools®

				Ordering code	Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC		DCON _{MS}	DCON _{WS}	BD ₁	LB ₁	LF	WF	BAR PSI	NM	KG	
C8	40	3	1	C8-SL3C50568CR-40R/L	80.0	40	50	528	568	5.0	70	17	11.000	
					3.150	1.575	1.969	20.787	22.362	.197	1015			
		3	1	C8-SL3C60688CR-40R/L	80.0	40	60	648	688	10.0	70	17	17.700	
					3.150	1.575	2.362	25.512	27.087	.394	1015			

CXSC=1 to be used with cutting heads with precision coolant
CXSC=3 to be used with cutting heads with axial coolant

R = Right hand, L = Left hand

For spare parts, visit www.sandvik.coromant.com



E4



G1



H37



H5



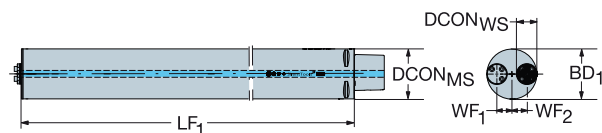
H2

A

Coromant Capto® to CoroTurn® SL damped adapter

Boring bar for two CoroTurn® SL heads

B



● ● ● SilentTools®

C

				Dimensions, mm, inch									
CZCMS	CZCWS	CNSC	CXSC	Ordering code	DCONMS	DCONWS	BD1	LB1	LF1	WF1	WF2	BAR PSI	KG
C8	40	3	1	C8-570-3C 80 608-40-2	80.0	40	80	608	608	20.0	20.0	70	20.600
					3.150	1.575	3.150	23.937	23.937	.787	.787	1015	
		3	1	C8-570-3C80365-40-2	80.0	40	80	365	365	20.0	20.0	70	13.100
					3.150	1.575	3.150	14.370	14.370	.787	.787	1015	
		3	1	C8-570-3C80768-40-2	80.0	40	80	768	768	20.0	20.0	70	28.200
					3.150	1.575	3.150	30.236	30.236	.787	.787	1015	
C10	40	3	1	C10-SL3C100968-40-2	100.0	40	100	968	968	30.0	30.0	70	58.000
					3.937	1.575	3.937	38.110	38.110	1.181	1.181	1015	
		3	1	C10-SL3C80768-40-2	100.0	40	80	729	768	20.0	20.0	70	29.500
					3.937	1.575	3.150	28.701	30.236	.787	.787	1015	

For spare parts, visit www.sandvik.coromant.com

E

F

G

H



E4



G1



H37



H5

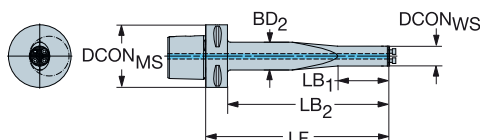


H2

Coromant Capto® to CoroTurn® SL damped adapter

Elliptical boring bar

Internal coolant supply



● ● ● ● SilentTools®

						Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LB ₁	LB ₂	LF	BAR PSI	NM	KG		
C6	16	133.0	3	1	C6-SL-D 23E 133-16	63.0	16	46	111	133	70	2	1.000		
		5.236				2.480	.630	1.811	4.370	5.236	1015				
	20	185.0	3	1	C6-SL-D 28E 185-20	63.0	20	52	163	185	70	2	1.250		
		7.283				2.480	.787	2.047	6.417	7.283	1015				
	25	255.0	3	1	C6-SL-D 35E 230-25	63.0	25	64	205	230	70	3	1.917		
		10.039				2.480	.984	2.520	8.070	9.055	1015				
C6	32	313.0	3	1	C6-SL-D 45E 313-32	63.0	32	102	291	313	70	8	3.650		
		12.323				2.480	1.260	4.016	11.456	12.323	1015				
	40	393.0	3	1	C6-SL-D 56E 393-40	63.0	40	124	371	393	70	17	5.770		
		15.472				2.480	1.575	4.882	14.606	15.472	1015				
	16	133.0	3	1	C8-SL-D 23E 133-16	80.0	16	46	100	133	70	2	2.202		
		5.236				3.150	.630	1.811	3.937	5.236	1015				
C8	20	185.0	3	1	C8-SL-D 28E 185-20	80.0	20	52	152	185	70	2	2.404		
		7.283				3.150	.787	2.047	5.984	7.283	1015				
	25	230.0	3	1	C8-SL-D 35E 230-25	80.0	25	64	197	230	70	3	3.246		
		9.055				3.150	.984	2.520	7.755	9.055	1015				
	32	313.0	3	1	C8-SL-D 45E 313-32	80.0	32	102	283	313	70	8	4.200		
		12.323				3.150	1.260	4.016	11.141	12.323	1015				
C8	40	393.0	3	1	C8-SL-D 56E 393-40	80.0	40	124	363	393	70	17	6.624		
		15.472				3.150	1.575	4.882	14.291	15.472	1015				

For spare parts, visit www.sandvik.coromant.com



E4



G1



H37



H5



H2

A

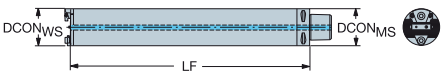
Coromant Capto® to CoroTurn® SL quick-change damped adapter

B

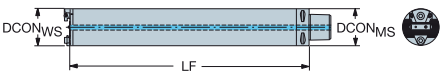


SilentTools®

DSGN 1



2



C

						Dimensions, mm, inch					
CZCMS	CZCWS	CNSC	CXSC	DSGN	Ordering code	DCONMS	DCONWS	LB1	LF	BAR PSI	KG
C6	80	3	1	1	C6-570-3C 80 355	63.0	80	355	355	70	12.000
						2.480	3.150	13.976	13.976	1015	
C8	80	3	1	1	C8-570-3C 80 475	80.0	80	475	475	70	17.100
						3.150	3.150	18.701	18.701	1015	
C10	80	3	1	2	C10-570-3C80755-80	100.0	80	714	755	70	29.000
						3.937	3.150	28.110	29.724	1015	
	100/80	3	1	1	C10-570-3C100955-80	100.0	100	955	955	70	55.800
						3.937	3.937	37.598	37.598	1015	

For spare parts, visit www.sandvik.coromant.com

D

E

F

G

H



Machine-side interface HSK

B

C

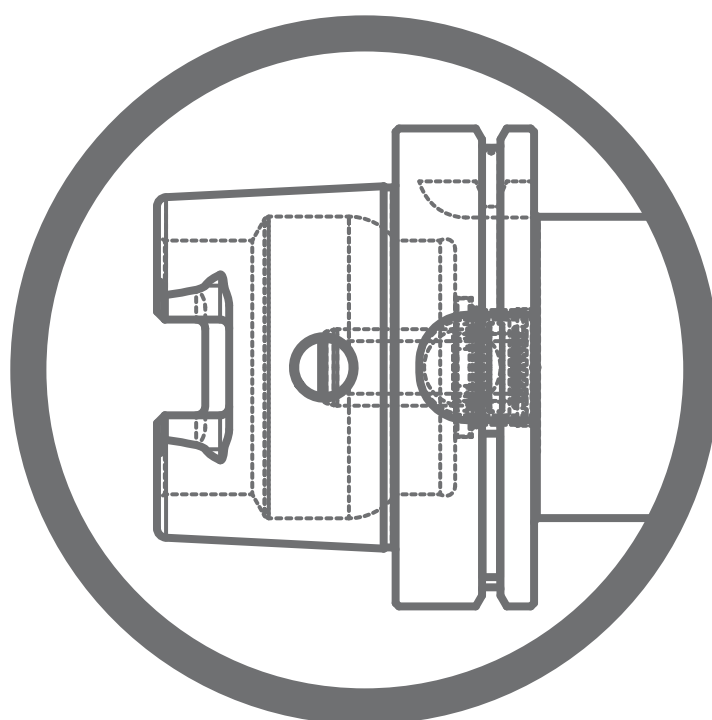
D

E

F

G

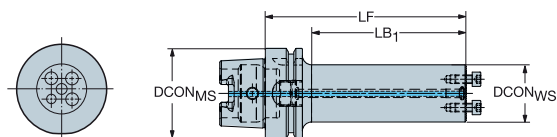
H



A

HSK to CoroTurn® SL damped adapter

B

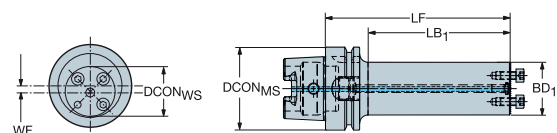


● ● ● SilentTools®

C

				Dimensions, mm, inch							
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LB ₁	LF	BAR PSI	NM	KG
63	32	1	1	HT06-SL32D-172	63.0	32	143	172	70	8	1.800
					2.480	1.260	5.630	6.772	1015		
	40	1	1	HT06-SL40D-208	63.0	40	179	208	70	17	2.700
					2.480	1.575	7.047	8.189	1015		
100	40	1	1	HT10-SL40D-208	100.0	40	176	208	70	17	4.000
					3.937	1.575	6.929	8.189	1015		

D



● ● ● SilentTools®

E

					Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	BD ₁	LB ₁	LF	WF	BAR PSI	NM	KG	
63	40	1	1	HT06-SL50D-268-40R	63.0	40	50	239	268	5.0	70	17	4.600	
					2.480	1.575	1.969	9.409	10.551	.197	1015			
100	40	1	1	HT10-SL50D-268-40R	100.0	40	50	236	268	5.0	70	17	5.800	
					3.937	1.575	1.969	9.291	10.551	.197	1015			
		1	1	HT10-SL60D-328-40R	100.0	40	60	296	328	10.0	70	17	8.700	
					3.937	1.575	2.362	11.654	12.913	.394	1015			

F

CXSC = 1 to be used with cutting heads with precision coolant
For the complete list of spare parts, visit www.sandvik.coromant.com

R = Right hand

G

H



E4



G1



H37



H5



H2

Machine-side interface cylindrical shank

B

C

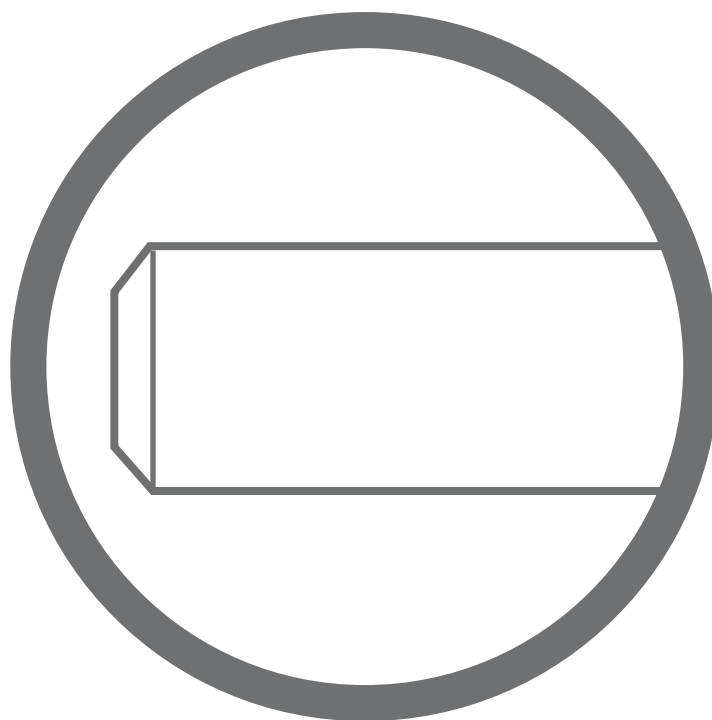
D

E

F

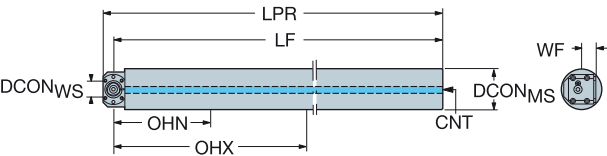
G

H



Cylindrical shank to Coromant Capto® damped adapter

B



SilentTools®

C

										Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	OHN	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LB _I	LPR	LF	WF	CNT	BAR PSI	NM	KG			
80	C3	298.0	778.0	1	1	CU-3C801200-C3	80.0	32	1234	1234	1215	37.0	G 3/4-14	70	35	58.000			
		11.732	30.630				3.150	1.260	48.583	48.583	47.835	1.457		1015					
100	C3	378.0	978.0	1	1	CU-3C1001500-C3	100.0	32	1534	1534	1515	26.0	G 3/4-14	70	35	103.000			
		14.882	38.504				3.937	1.260	60.394	60.394	59.646	1.024		1015					
	C4	373.0	973.0	1	1	CU-3C1001500-C4	100.0	40	1544	1544	1520	41.0	G 3/4-14	70	50	90.000			
		14.685	38.307				3.937	1.575	60.787	60.787	59.843	1.614		1015					

For spare parts, visit www.sandvik.coromant.com

D

E

F

G

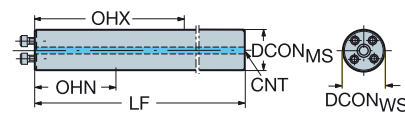
H



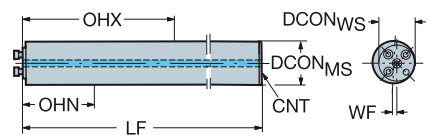
Cylindrical shank to CoroTurn® SL damped adapter



570-3C



570-3C..-40



● ● ● ● SilentTools®

Metric version

							Dimensions, mm								
CZC _{MS}	CZC _{WS}	OHN	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	WF	CNT				
16	16	55.0	92.0	1	3	570-3C 16 156	16.0	16.0	156.0	0.0	G 1/8-28	70	2.0	0.2	
20	20	70.0	120.0	1	3	570-3C 20 200	20.0	20.0	200.0	0.0	G 1/4-19	70	2.8	0.4	
25	25	88.0	158.0	1	3	570-3C 25 255	25.0	25.0	255.0	0.0	G 1/4-19	70	3.7	0.9	
		155.0	230.0	1	3	570-3C 25 330	25.0	25.0	330.0	0.0	G 1/4-19	70	3.7	1.2	
		88.0	158.0	1	1	SL-3C 25 255	25.0	25.0	255.0	0.0	G 1/4-19	70	3.7	0.9	
32	32	155.0	230.0	1	1	SL-3C 25 330	25.0	25.0	330.0	0.0	G 1/4-19	70	3.7	1.2	
		100.0	192.0	1	1	570-3C 32 320	32.0	32.0	320.0	0.0	G 3/8-19	70	8.8	1.9	
		192.0	288.0	1	1	570-3C 32 416	32.0	32.0	416.0	0.0	G 3/8-19	70	8.8	2.6	
40	40	128.0	248.0	1	1	570-3C 40 408	40.0	40.0	408.0	0.0	G 1/2-14	70	17.0	3.5	
		248.0	368.0	1	1	570-3C 40 528	40.0	40.0	528.0	0.0	G 1/2-14	70	17.0	5.1	
50	40	168.0	318.0	1	1	570-3C 50 518-40	50.0	40.0	518.0	5.0	G 1/2-14	70	17.0	7.3	
		318.0	468.0	1	1	570-3C 50 668-40	50.0	40.0	668.0	5.0	G 1/2-14	70	17.0	9.3	
60	40	208.0	388.0	1	1	570-3C 60 628-40	60.0	40.0	628.0	10.0	G 3/4-14	70	17.0	12.7	
		388.0	568.0	1	1	570-3C 60 808-40	60.0	40.0	808.0	10.0	G 3/4-14	70	17.0	16.5	

Inch version

								Dimensions, inch												
CZC _{MS}	CZC _{WS}	OHN	OHX	CNSC	CXSC	DSGN	Ordering code	DCON _{MS}	DCON _{WS}	BD ₁	LB ₁	LF	WF	CNT	PSI	FT/ LBS	LBS			
5/8	16	2.165	3.583	1	3		A570-3C D10 06-16	.625	.630	.630	6.142	6.142	.000	G 1/8-28	1015	1	0.5			
3/4	20	3.071	4.449	1	3		A570-3C D12 08-20	.750	.787	.787	7.874	7.874	.000	G 1/8-28	1015	2	0.9			
1	25	3.346	6.220	1	3		A570-3C D16 10-25	1.000	.984	1.000	10.197	10.197	.000	G 1/4-19	1015	2	2.2			
		6.102	9.213	1	3		A570-3C D16 13-25	1.000	.984	1.000	13.213	13.213	.000	G 1/4-19	1015	2	2.9			
		3.346	6.220	1	1		SL-3C D16 10-25	1.000	.984	1.000	10.200	10.200	.000	G 1/4-19	1015	2	2.2			
		6.102	9.213	1	1		SL-3C D16 13-25	1.000	.984	1.000	13.213	13.213	.000	G 1/4-19	1015	2	2.9			
1 1/4	32	3.937	7.480	1	1		A570-3C D20 12-32	1.250	1.260	1.250	12.480	12.480	.000	G 3/8-19	1015	6	4.0			
		7.559	11.260	1	1		A570-3C D20 16-32	1.250	1.260	1.250	16.221	16.221	.000	G 3/8-19	1015	6	5.7			
1 1/2	32	5.039	9.252	1	1		A570-3C D24 15-32	1.500	1.260	1.500	15.264	15.264	.120	G 1/2-14	1015	6	6.6			
		9.764	13.740	1	1		A570-3C D24 20-32	1.500	1.260	1.500	19.803	19.803	.120	G 1/2-14	1015	6	9.7			
1 3/4	40	5.748	10.984	1	1	2	A570-3C D28 17-40	1.750	1.575	1.575	4.606	17.028	.088	G 1/2-14	1015	12	9.4			
		10.984	16.221	1	1	2	A570-3C D28 23-40	1.750	1.575	1.575	9.331	23.012	.088	G 1/2-14	1015	12	13.2			
2	40	6.811	12.756	1	1	1	A570-3C D32 21-40	2.000	1.575	2.000	20.784	20.784	.213	G 1/2-14	1015	12	17.0			
		12.520	18.740	1	1	1	A570-3C D32 27-40	2.000	1.575	2.000	26.732	26.732	.213	G 1/2-14	1015	12	21.8			
2 1/2	40	8.189	16.221	1	1	1	A570-3C D40 26-40	2.500	1.575	2.500	26.280	26.280	.465	G 3/4-14	1015	12	34.0			
		15.276	23.701	1	1	1	A570-3C D40 34-40	2.500	1.575	2.500	33.760	33.760	.465	G 3/4-14	1015	12	52.5			

EasyFix for 16-25 mm (5/8 - 1")

N = Neutral

CXSC=1 to be used with cutting heads with precision coolant
 CXSC=3 to be used with cutting heads with axial coolant

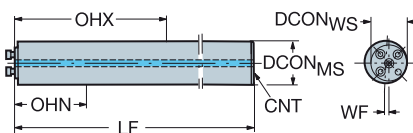
For spare parts, visit www.sandvik.coromant.com

A

Cylindrical shank to CoroTurn® SL damped adapter

For threading and grooving operations

B



● ● ● SilentTools®

C

Metric version

							Dimensions, mm								
CZC _{MS}	CZC _{WS}	OHN	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	WF	CNT	BAR	NM	KG	
40	40	80.0	128.0	1	1	570-4C 40 330	40.0	40.0	330.0	0.0	G 1/2-14	70	17.0	3.1	
50	40	90.0	168.0	1	1	570-4C 50 430-40	50.0	40.0	430.0	5.0	G 1/2-14	70	17.0	6.3	
60	40	90.0	208.0	1	1	570-4C 60 510-40	60.0	40.0	510.0	10.0	G 3/4-14	70	17.0	10.1	

D

Inch version

							Dimensions, inch								
CZC _{MS}	CZC _{WS}	OHN	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	WF	CNT	PSI	FT/ LBS	LBS	
1 1/2	32	3.150	4.724	1	1	A570-4C D24 13-32	1.500	1.260	13.150	.120	G 1/2-14	1015	6	6.0	
1 3/4	40	3.543	5.669	1	1	A570-4C D28 15-40	1.750	1.575	14.921	.088	G 1/2-14	1015	12	9.3	
2	40	3.543	6.811	1	1	A570-4C D32 17-40	2.000	1.575	17.165	.213	G 1/2-14	1015	12	13.9	
2 1/2	40	3.543	8.740	1	1	A570-4C D40 22-40	2.500	1.575	22.047	.463	G 3/4-14	1015	12	29.1	

For spare parts, visit www.sandvik.coromant.com

F

G

H



H37



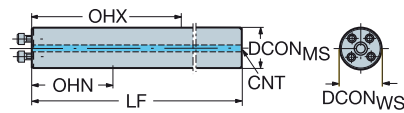
H5



H2

Cylindrical shank to CoroTurn® SL damped adapter

Carbide-reinforced boring bar



● ● ● ● SilentTools®

Metric version

							Dimensions, mm								
CZC _{MS}	CZC _{WS}	OHN	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	WF	CNT				
16	16	96.0	140.0	1	3	570-3C 16 204 CR	16.0	16.0	204.0	0.0		70	2.0	0.4	
20	20	120.0	180.0	1	3	570-3C 20 260 CR	20.0	20.0	260.0	0.0		70	2.8	0.8	
25	25	230.0	280.0	1	3	570-3C 25 380 CR	25.0	25.0	380.0	0.0	G 1/8-28	70	3.7	6.3	
		280.0	330.0	1	3	570-3C 25 430 CR	25.0	25.0	430.0	0.0	G 1/8-28	70	3.7	6.4	
		225.0	280.0	1	1	SL-3C 25 380 CR	25.0	25.0	380.0	0.0	G 1/8-28	70	3.7	6.0	
		275.0	330.0	1	1	SL-3C 25 430 CR	25.0	25.0	430.0	0.0	G 1/8-28	70	3.7	6.2	
32	32	288.0	352.0	1	1	570-3C 32 480 CR	32.0	32.0	480.0	0.0	G 1/4-19	70	8.8	10.2	
		352.0	416.0	1	1	570-3C 32 544 CR	32.0	32.0	544.0	0.0	G 1/4-19	70	8.8	8.0	
40	40	368.0	448.0	1	1	570-3C 40 608 CR	40.0	40.0	608.0	0.0	G 3/8-19	70	17.0	11.0	
		448.0	528.0	1	1	570-3C 40 688 CR	40.0	40.0	688.0	0.0	G 3/8-19	70	17.0	13.0	
50	40	468.0	568.0	1	1	570-3C 50 760-40 CR	50.0	40.0	760.0	5.0	G 1/2-14	70	17.0	22.0	
		568.0	668.0	1	1	570-3C 50 861-40 CR	50.0	40.0	861.0	5.0	G 1/2-14	70	17.0	22.5	
60	40	688.0	808.0	1	1	570-3C 60 1040-40 CR	60.0	40.0	1040.0	10.0	G 3/4-14	70	17.0	25.7	
		588.0	688.0	1	1	570-3C 60 920-40 CR	60.0	40.0	920.0	10.0	G 3/4-14	70	17.0	28.0	

Inch version

							Dimensions, inch						
CZC _{MS}	CZC _{WS}	OHN	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	BD ₁	LF	PSI	FT/LBS	LBS
5/8	16	3.150	5.512	1	3	A570-3C D10 08-16 CR	.625	.630	.638	8.032	1015	1	1.0
3/4	20	4.016	7.087	1	3	A570-3C D12 10-20 CR	.750	.787	.787	10.236	1015	2	1.8

EasyFix for 16-25 mm (5/8 - 1")

CXSC=1 to be used with cutting heads with precision coolant
CXSC=3 to be used with cutting heads with axial coolant

For spare parts, visit www.sandvik.coromant.com



H37



H5

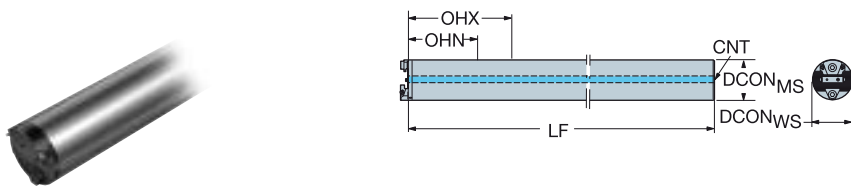


H2

A

Cylindrical shank to CoroTurn® SL quick-change damped adapter

B



● ● ● SilentTools®

C

Metric version

							Dimensions, mm						
CZC _{MS}	CZC _{WS}	OHN	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	CNT			
80	80	360.0	755.0	1	1	570-3C 80 1200	80.0	80.0	1200.0	G 3/4-14	70	50.0	43.4
		360.0	515.0	1	1	570-3C 80 880	80.0	80.0	880.0	G 3/4-14	70	50.0	31.3
100	100/80	415.0	655.0	1	1	570-3C 100 1100	100.0	100.0	1100.0	G 3/4-14	70	50.0	63.0
		415.0	955.0	1	1	570-3C 100 1500	100.0	100.0	1500.0	G 3/4-14	70	50.0	65.0

D

Inch version

							Dimensions, inch						
CZC _{MS}	CZC _{WS}	OHN	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	BD ₁	LF	CNT		
3	80	12.717	19.228	1	1	A570-3C D48 33	3.000	3.150	3.150	33.000	G 3/4-14	1015	36
		24.803	28.228	1	1	A570-3C D48 45	3.000	3.150	3.150	45.000	G 3/4-14	1015	36
4	100/80	16.339	26.228	1	1	A570-3C D64 44	4.000	3.937	4.000	44.000	G 3/4-14	1015	36
		16.339	38.228	1	1	A570-3C D64 60	4.000	3.937	4.000	60.000	G 3/4-14	1015	36

For spare parts, visit www.sandvik.coromant.com

F

G

H



H37

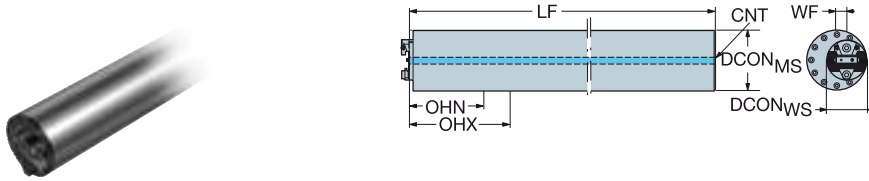


H5



H2

Cylindrical shank to CoroTurn® SL quick-change damped adapter



● ● ● SilentTools®

Metric version

							Dimensions, mm								
CZC _{MS}	CZC _{WS}	OHN	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	WF	CNT				
120	80	795.0	1155.0	1	1	570-3C 120 1900R	120.0	80.0	1900.0	20.0	G 3/4-14	70	50.0	133.7	
130	80	865.0	1255.0	1	1	570-3C 130 2000R	130.0	80.0	2000.0	25.0	G 3/4-14	70	50.0	188.0	
140	80	935.0	1355.0	1	1	570-3C 140 2200R	140.0	80.0	2200.0	30.0	G 3/4-14	70	50.0	241.0	
150	80	1005.0	1455.0	1	1	570-3C 150 2400R	150.0	80.0	2400.0	35.0	G 3/4-14	70	50.0	252.3	
160	80	1075.0	1555.0	1	1	570-3C 160 2600R	160.0	80.0	2600.0	40.0	G 3/4-14	70	50.0	339.0	
180	80	1215.0	1755.0	1	1	570-3C 180 2800R	180.0	80.0	2800.0	50.0	G 3/4-14	70	50.0	474.0	
200	80	1355.0	1955.0	1	1	570-3C 200 3200R	200.0	80.0	3200.0	59.5	G 1"-11	70	50.0	728.0	
220	80	1495.0	2155.0	1	1	570-3C 220 3450R	220.0	80.0	3450.0	70.0	G 1"-11	70	50.0	546.0	
250	80	1705.0	2455.0	1	1	570-3C 250 4000R	250.0	80.0	4000.0	85.0	G 1"-11	70	50.0	980.1	

Inch version

							Dimensions, inch								
CZC _{MS}	CZC _{WS}	OHN	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	WF	CNT	PSI	FT/ LBS	LBS	
5	80	31.299	45.472	1	1	A570-3C D80 75R	5.000	3.150	74.803	.787	G 3/4-14	1015	36	341.7	
6	80	39.567	57.284	1	1	A570-3C D96 95R	6.000	3.150	94.488	1.378	G 3/4-14	1015	36	579.8	
8	80	53.347	76.969	1	1	A570-3C D128 126R	8.000	3.150	125.984	2.343	G 1"-11	1015	36	1386.7	
10	80	67.126	96.654	1	1	A570-3C D160 157R	10.000	3.150	157.480	3.346	G 1"-11	1015	36	2645.6	

For spare parts, visit www.sandvik.coromant.com



H37



H5

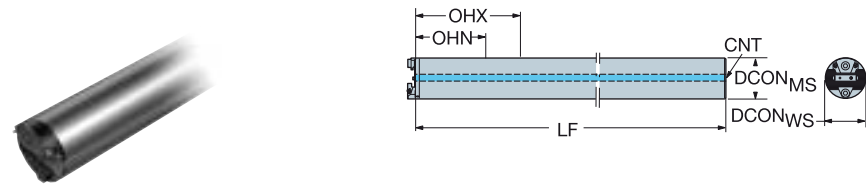


H2

Cylindrical shank to CoroTurn® SL quick-change damped adapter

Carbide-reinforced boring bar

B



SilentTools®

C

Metric version

							Dimensions, mm						
CZC _{MS}	CZC _{WS}	OHN	OHX	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	CNT	BAR	NM	KG
80	80	755.0	916.0	1	1	570-3C 80 1240 CR	80.0	80.0	1240.0	G 3/4-14	70	50.0	40.0
		916.0	1076.0	1	1	570-3C 80 1400 CR	80.0	80.0	1400.0	G 3/4-14	70	50.0	80.0
100	100/80	955.0	1155.0	1	1	570-3C 100 1560 CR	100.0	100.0	1560.0	G 3/4-14	70	50.0	125.0
		1155.0	1355.0	1	1	570-3C 100 1760 CR	100.0	100.0	1760.0	G 3/4-14	70	50.0	150.0

For spare parts, visit www.sandvik.coromant.com

If 16xD overhang is required, please contact your local salesmen

D

E

F

G

H



F 80



Accessories

Sleeves and collets	G2-G5
Stop for QS™ holding system	G6
Coolant connectors	G7-G8
Coromant Capto®	G9-G14
CoroTurn® SL	G18-G19
Torque wrench and bits	G20

B

EasyFix™

Sleeves for cylindrical bars

C

Benefits and features

- D
- Fast set-up time
 - Simple to use
 - Extended tool life
 - Excellent surface finish
 - Correct cutting edge center height and position



E

Precision coolant

F

The slot in the cylindrical sleeve is metallic sealed, which allows the existing coolant supply system to be used. The metallic sealing offers good performance also for high coolant pressure.

- Silicon sealing for coolant pressures up to 20 bar (290 psi)
- Metallic sealing for coolant pressure up to 150 bar (2200 psi)

G

Always correct center height

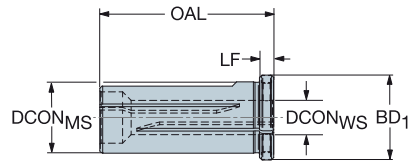
Spring plunger solution (spring loaded ball) in the sleeve and the bar groove gives correct center height of the insert every time you make a tool setup.



Cylindrical sleeve with EasyFix™ positioning

ISO 9766

Metallic sealed for high pressure coolant through tool



Metric version

					Dimensions, mm								
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	BD ₁	H	OAL	LF			
16	5	1	1	EF-16-05	16	5	21	14	48	5	150	0.130	
	6	1	1	EF-16-06	16	6	21	14	48	5	150	0.110	
	8	1	1	EF-16-08	16	8	21	14	48	5	150	0.100	
	10	1	1	EF-16-10	16	10	21	14	48	5	150	0.080	
	12	1	1	EF-16-12	16	12	21	14	48	5	150	0.065	
20	5	1	1	EF-20-05	20	5	25	18	55	5	150	0.120	
	6	1	1	EF-20-06	20	6	25	18	55	5	150	0.118	
	8	1	1	EF-20-08	20	8	25	18	55	5	150	0.115	
	10	1	1	EF-20-10	20	10	25	18	55	5	150	0.109	
	12	1	1	EF-20-12	20	12	25	18	55	5	150	0.099	
	16	1	1	EF-20-16	20	16	25	18	55	5	150	0.080	
25	20	1	1	EF-25-20	25	20	30	23	61	5	150	0.080	
	5	1	1	EF-25-05	25	5	30	23	61	5	150	0.208	
	6	1	1	EF-25-06	25	6	30	23	61	5	150	0.199	
	8	1	1	EF-25-08	25	8	30	23	61	5	150	0.200	
	10	1	1	EF-25-10	25	10	30	23	61	5	150	0.190	
	12	1	1	EF-25-12	25	12	30	23	61	5	150	0.178	
32	16	1	1	EF-25-16	25	16	30	23	61	5	150	0.150	
	25	1	1	EF-32-25	32	25	36	30	65	5	150	0.120	
	5	1	1	EF-32-05	32	5	36	30	65	5	150	0.344	
	6	1	1	EF-32-06	32	6	36	30	65	5	150	0.345	
	8	1	1	EF-32-08	32	8	36	30	65	5	150	0.340	
	10	1	1	EF-32-10	32	10	36	30	65	5	150	0.350	
	12	1	1	EF-32-12	32	12	36	30	65	5	150	0.332	
	16	1	1	EF-32-16	32	16	36	30	65	5	150	0.299	
40	20	1	1	EF-32-20	32	20	36	30	65	5	150	0.269	
	5	1	1	EF-40-05	40	5	44	38	75	5	150	0.606	
	6	1	1	EF-40-06	40	6	44	38	75	5	150	0.604	
	8	1	1	EF-40-08	40	8	44	38	75	5	150	0.620	
	10	1	1	EF-40-10	40	10	44	38	75	5	150	0.632	
	12	1	1	EF-40-12	40	12	44	38	75	5	150	0.629	
	16	1	1	EF-40-16	40	16	44	38	75	5	150	0.587	
	20	1	1	EF-40-20	40	20	44	38	75	5	150	0.562	
25	1	1	EF-40-25	40	25	44	38	75	5	150	0.461		

Inch version

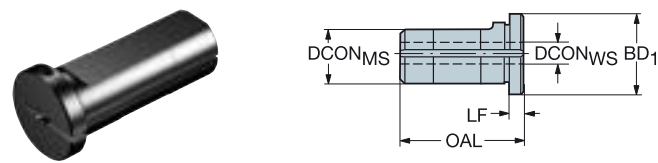
					Dimensions, mm, inch								
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	BD ₁	H	OAL	LF	PSI	LBS	
1	1/4	1	1	EF-A16-A04	1.000	.250	1.181	.941	2.402	.197	2175	.453	
	5/16	1	1	EF-A16-A05	1.000	.313	1.181	.941	2.402	.197	2175	.447	
	3/8	1	1	EF-A16-A06	1.000	.375	1.181	.941	2.402	.197	2175	.440	
	1/2	1	1	EF-A16-A08	1.000	.500	1.181	.941	2.402	.197	2175	.394	
	5/8	1	1	EF-A16-A10	1.000	.625	1.181	.941	2.402	.197	2175	.345	
1 1/4	1/4	1	1	EF-A20-A04	1.250	.250	1.417	1.191	2.559	.197	2175	.792	
	5/16	1	1	EF-A20-A05	1.250	.313	1.417	1.191	2.559	.197	2175	.748	
	3/8	1	1	EF-A20-A06	1.250	.375	1.417	1.191	2.559	.197	2175	.752	
	1/2	1	1	EF-A20-A08	1.250	.500	1.417	1.191	2.559	.197	2175	.706	
	5/8	1	1	EF-A20-A10	1.250	.625	1.417	1.191	2.559	.197	2175	.647	
	3/4	1	1	EF-A20-A12	1.250	.750	1.417	1.191	2.559	.197	2175	.609	
1 1/2	1/4	1	1	EF-A24-A04	1.500	.250	1.732	1.441	2.953	.197	2175	1.243	
	5/16	1	1	EF-A24-A05	1.500	.313	1.732	1.441	2.953	.197	2175	1.232	
	3/8	1	1	EF-A24-A06	1.500	.375	1.732	1.441	2.953	.197	2175	1.225	
	1/2	1	1	EF-A24-A08	1.500	.500	1.732	1.441	2.953	.197	2175	1.177	
	5/8	1	1	EF-A24-A10	1.500	.625	1.732	1.441	2.953	.197	2175	1.122	
	3/4	1	1	EF-A24-A12	1.500	.750	1.732	1.441	2.953	.197	2175	1.133	
	1	1	1	EF-A24-A16	1.500	1.000	1.732	1.441	2.953	.197	2175	.858	

H37



Cylindrical sleeve with EasyFix™ positioning

B



Metric version

C

		Dimensions, mm											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	BD	H	LSC	OAL	LF	BAR	KG
32	20	1	1	132L-3220085-B	32	20	38	30	80.0	85	5	20	0.326
40	20	1	1	132L-4020105-B	40	20	46	38	100.0	105	5	20	0.758
	25	1	1	132L-4025105-B	40	25	46	38	100.0	105	5	20	0.620
50	20	1	1	132L-5020125-B	50	20	56	47	120.0	125	5	20	1.576
	25	1	1	132L-5025125-B	50	25	56	47	120.0	125	5	20	1.396

Inch version

D

		Dimensions, inch											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	BD	H	LSC	OAL	LF	PSI	LBS
3/4	5	1	1	132L-1205050-B	.750	.197	.984	.669	1.969	2.165	.197	290	.278
	6	1	1	132L-1206050-B	.750	.236	.984	.669	1.969	2.165	.197	290	.271
	8	1	1	132L-1208050-B	.750	.315	.984	.669	1.969	2.165	.197	290	.251
	10	1	1	132L-1210050-B	.750	.394	.984	.669	1.969	2.165	.197	290	.229
	12	1	1	132L-1212050-B	.750	.472	.984	.669	1.969	2.165	.197	290	.198
1	5	1	1	132L-1605050-B	1.000	.197	1.236	.921	1.969	2.165	.197	290	.479
	6	1	1	132L-1606050-B	1.000	.236	1.236	.921	1.969	2.165	.197	290	.472
	8	1	1	132L-1608050-B	1.000	.315	1.236	.921	1.969	2.165	.197	290	.450
	10	1	1	132L-1610050-B	1.000	.394	1.236	.921	1.969	2.165	.197	290	.425
	12	1	1	132L-1612050-B	1.000	.472	1.236	.921	1.969	2.165	.197	290	.399
	16	1	1	132L-1616050-B	1.000	.630	1.236	.921	1.969	2.165	.197	290	.322
1 1/4	3/4	1	1	132P-201233-B	1.250	.750	1.488	1.173	2.362	3.346	.197	290	.970
1 1/2	3/4	1	1	132P-241241-B	1.500	.750	1.736	1.421	2.756	4.134	.197	290	1.521
	1	1	1	132P-241641-B	1.500	1.000	1.736	1.413	2.756	4.134	.197	290	1.140
2	3/4	1	1	132P-321249-B	2.000	.750	2.236	1.913	3.150	4.921	.197	290	3.616
	1	1	1	132P-321649-B	2.000	1.000	2.236	1.913	3.150	4.921	.197	290	3.200

Groove for EasyFix sleeve is available on all cylindrical boring bars in diameter 5-25 mm (.197-1.000 inch).

F

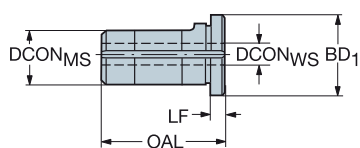
G

H



Cylindrical split sleeve

Screw down (No EasyFix)



Metric version

					Dimensions, mm							
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	BD	LSC	OAL	LF		
40	32	1	1	132L-40-32	40	32	50	123.0	128	5	150	0.430
50	32	1	1	132L-50-32	50	32	60	123.0	128	5	150	1.100
	40	1	1	132L-50-40	50	40	60	155.0	160	5	150	0.840
60	32	1	1	132L-60-32	60	32	70	123.0	128	5	150	1.900
	40	1	1	132L-60-40	60	40	70	155.0	160	5	150	1.900
	50	1	1	132L-60-50	60	50	70	195.0	200	5	150	1.300

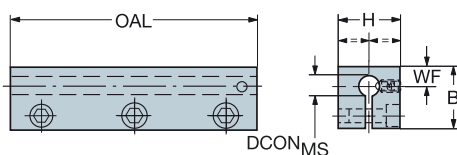
Inch version

					Dimensions, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	BD	LSC	OAL	LF	PSI	LBS		
1 1/2	1 1/4	1	1	132L-A24-A20	1.500	1.250	1.894	4.803	5.000	.197	2175	.728		
2	1 1/4	1	1	132L-A32-A20	2.000	1.250	2.394	4.803	5.000	.197	2175	2.646		
	1 1/2	1	1	132L-A32-A24	2.000	1.500	2.394	5.803	6.000	.197	2175	2.577		
2 1/2	1 1/4	1	1	132L-A40-A20	2.500	1.250	2.894	4.803	5.000	.197	2175	5.071		
	1 1/2	1	1	132L-A40-A24	2.500	1.500	2.894	5.803	6.000	.197	2175	5.071		
	2	1	1	132L-A40-A32	2.500	2.000	2.894	7.803	8.000	.197	2175	4.409		

Screw down (No EasyFix)

Square sleeve with EasyFix positioning

Square sleeves



Metric version

					Dimensions, mm							
CZC _{MS}	CZC _{WS}	Ordering code			DCON _{MS}	B	H	LSC	OAL	WF	HF	KG
20 x 20	5	131-2005-B			5	20	20	80.0	80	5.5	10.0	0.232
	6	131-2006-B			6	20	20	80.0	80	6.0	10.0	0.228
	8	131-2008-B			8	20	20	80.0	80	7.0	10.0	0.218
	10	131-2010-B			10	20	20	80.0	80	7.5	10.0	0.201
25 x 25	12	131-2512-B			12	25	25	80.0	80	9.0	12.5	0.328
	16	131-2516-B			16	25	25	80.0	80	10.0	12.5	0.276
32 x 40	20	131-3220-B			20	40	32	100.0	100	12.0	16.0	0.752
	25	131-3225-B			25	40	32	100.0	100	14.5	16.0	0.630

H37



Stop for QS™ holding system



C

	Dimensions, mm				
Ordering code	OAL	B	H	CNT	
QS-2020HP	44.0	20.0	20.0	G1/8"	
QS-2525HP	44.0	25.0	25.0	G1/8"	

D

E

F

G

H



Coolant connection kit

Precision coolant supply



Tube length, mm	Straight to straight fitting		Banjo to straight fitting		Banjo to banjo fitting	
	Kit	Included parts	Pcs	Kit	Included parts	Pcs
150	5693 066-011		5693 067-011		5693 068-011	
		5693 066-01 ¹⁾ 1		5693 067-01 ¹⁾ 1		5693 068-01 ¹⁾ 1
		5692 063-01 1		5692 063-01 1		5692 063-01 1
		5692 063-02 1		5692 063-02 1		5692 063-02 1
		5692 063-03 2		5692 063-03 1		5692 063-05 1
		5692 063-04 1		5692 063-05 1		5692 063-06 2
		5692 063-08 2		5692 063-06 1		5692 063-07 1
200	5693 066-021		5693 067-021		5693 068-021	
		5693 066-02 ¹⁾ 1		5693 067-02 ¹⁾ 1		5693 068-02 ¹⁾ 1
		5692 063-01 1		5692 063-01 1		5692 063-01 1
		5692 063-02 1		5692 063-02 1		5692 063-02 1
		5692 063-03 2		5692 063-03 1		5692 063-05 1
		5692 063-04 1		5692 063-05 1		5692 063-06 2
		5692 063-08 2		5692 063-06 1		5692 063-07 1
250	5693 066-031		5693 067-031		5693 068-031	
		5693 066-03 ¹⁾ 1		5693 067-03 ¹⁾ 1		5693 068-03 ¹⁾ 1
		5692 063-01 1		5692 063-01 1		5692 063-01 1
		5692 063-02 1		5692 063-02 1		5692 063-02 1
		5692 063-03 2		5692 063-03 1		5692 063-05 1
		5692 063-04 1		5692 063-05 1		5692 063-06 2
		5692 063-08 2		5692 063-06 1		5692 063-07 1
300	5693 066-041		5693 067-041		5693 068-041	
		5693 066-04 ¹⁾ 1		5693 067-04 ¹⁾ 1		5693 068-04 ¹⁾ 1
		5692 063-01 1		5692 063-01 1		5692 063-01 1
		5692 063-02 1		5692 063-02 1		5692 063-02 1
		5692 063-03 2		5692 063-03 1		5692 063-05 1
		5692 063-04 1		5692 063-05 1		5692 063-06 2
		5692 063-08 2		5692 063-06 1		5692 063-07 1
				5692 063-07 1		5692 063-08 4
				5692 063-08 3		

¹⁾ Hose. Cannot be ordered separately.

Other included parts can be ordered separately. Minimum ordering quantity is two pieces.

Included parts

							
VDI Coolant feed plug G1/8"x 0.907 5692 063-01	VDI Coolant blanking plug 5692 063-02	G1/8"x 0.907 5692 063-03	M10x1.5 5692 063-04	M10x1.5 5692 063-05	G1/8"x 0.907 5692 063-06	G1/4"x 1.337 - G1/8"x 0.907 5692 063-07	Washer (M10) 5692 063-08

INFORMATION:

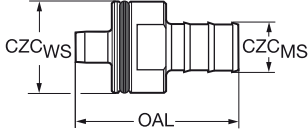
This coolant connection kit replaces CoroTurn HP tubes (and extension tube adapter 5692 067-01) 5693 065-01, 5693 065-02, 5693 065-03. "CoroTurn HP connection kit" (5692 070-01) is still available to order for; ø 6 mm copper or steel pipe connection with accessories; (5692 061-01) and (5692 062-01).

B

Coolant connectors

C

Internal coolant supply

	For bar diameter	Ordering code	Dimensions, mm, inch		
	DCON		CZCMS	CZCWS	OAL
	mm	Metric			
	6	CS-060-054	5.4	6.0	25.0
	8	CS-080-066	6.6	8.0	28.5
	10	CS-100-086	8.6	10.0	28.5
	12	CS-120-086	8.6	12.0	38.0
	16	CS-160-137	13.7	16.0	40.0
	20	CS-200-137	13.7	20.0	40.0
	25	CS-250-137	13.7	25.0	44.0
	Inch	Inch			
	.250	CS-063-054	.213	.250	.984
	.312	CS-079-066	.260	.312	1.122
	.375	CS-095-086	.339	.375	1.122
	.500	CS-127-086	.339	.500	1.496
	.625	CS-159-137	.539	.625	1.575
	.750	CS-190-137	.539	.750	1.575
	1.000	CS-254-137	.539	1.000	1.732

Coromant Capto®

Three systems in one

Application

- Coromant Capto® works in all machine types:
- Turning centers – Quick-change and high-pressure coolant delivery.
- Multi-task machines and machining centers – Rotating spindle interface, modular tooling, and quick change.
- Available in six sizes, there is a flexible Coromant Capto® solution for every need: C3-C10



Benefits and features

- Flexible with extensive modularity
- High basic stability and accuracy
- Minimized tool inventory
- Reduced set-up time
- High torque transmission
- High bending strength
- Quick-change and automated tool change
- Advanced nozzle technology for process security even at low pressures
- Through-tool delivery of high-pressure coolant, from machine to cutting edge
- Balanced and concentric
- Self-centering

Quick change

- Turning centers
- Vertical lathes

Coromant Capto clamping units and driven tool holders reduce setup and tool change time for high machine utilization.

Integrated spindle

- Multi-task machines
- Vertical lathes
- Machining centers with turning option

Coromant Capto integrated in the spindle adds stability and versatility.

Modular system

- Machining centers
- Multi-task machines
- Vertical lathes

Coromant Capto machine interface adapters in combination with extension and reduction adapters enable assembling of tools with different lengths and design regardless of the machine interface.

Coromant Capto® range

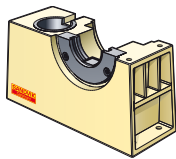
Coromant Capto program includes machine interface adapters, clamping units, tool holders, integrated cutting tools, adapters, and chucks.



Assembly fixture

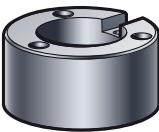
Fixture body
Ordering code:

391.500



Fixture body for sleeves
Ordering code:

391.501



Ordering code



Sleeve	For holder type, size
391.540-C3	Coromant Capto Size C3
391.540-C4	Coromant Capto Size C4
391.540-C5	Coromant Capto Size C5
391.540-C6	Coromant Capto Size C6
391.540-C8	Coromant Capto Size C8
391.540-C10	Coromant Capto Size C10
391.540-HA04	HSK 40 Form A/C
391.540-HA05	HSK 50 Form A/C
391.540-HA06	HSK 63 Form A/C
391.540-HA08	HSK 80 Form A/C
391.540-HA10	HSK 100 Form A/C
391.540-30	MAS-BT/CAT/ISO 30
391.540-40	MAS-BT/CAT/ISO 40
391.540-50	MAS-BT/CAT/ISO 50

Ordering code

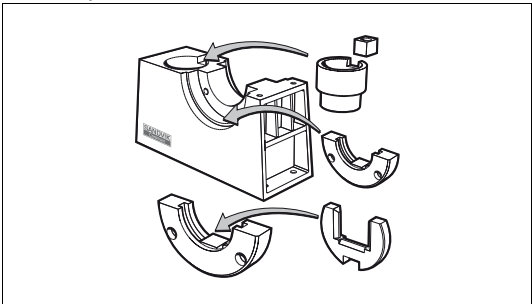


Flange	Collar	For holder type, size
391.510-140 50	391.530-C3	Coromant Capto Size C3
391.510-140 50	391.530-C4	Coromant Capto Size C4
391.510-140 50	391.530-C5	Coromant Capto Size C5
391.510-140 50	391.530-C6	Coromant Capto Size C6
391.510-140 50	391.530-C8	Coromant Capto Size C8
	391.530-C10*	Coromant Capto Size C10
391.510-HA04		HSK 40 Form A
391.510-HA05		HSK 50 Form A
391.510-HA06		HSK 63 Form A
391.510-HA08		HSK 80 Form A
391.510-HA10		HSK 100 Form A
391.510-HA12		HSK 125 Form A
391.510-55 30		MAS-BT 30
391.510-55 40		MAS-BT 40
391.510-55 50		MAS-BT 50
391.510-562-40		BIG-PLUS, MAS-BT 40
391.510-562-50		BIG-PLUS, MAS-BT 50
391.510-140 40		DIN 69871/40, ANSIB 5.50-40. ISO7388/1-40, CAT 40
391.510-140 50		DIN 69871/50, ANSIB 5.50-40. ISO7388/1-50, CAT 50
391.510-540 40		BIG-PLUS DIN69871/1-40, BIG-PLUS 7388/1-40, CAT 40
391.510-540 50		BIG-PLUS DIN69871/1-50, BIG-PLUS 7388/1-50, CAT 50
391.510-00 40		DIN 2080-40/NMTB 40
391.510-00 50		DIN 2080-50/NMTB 50
A391.510-45 40		ANSIB 5.50-2009, CAT-V 40-2009
A391.510-45 50		ANSIB 5.50-2009, CAT-V 50-2009
A391.510-545 40		BIG-PLUS ANSIB 5.50-2009, CAT-V 40-2009
A391.510-545 50		BIG-PLUS ANSIB 5.50-2009, CAT-V 50-2009

Note: Key is delivered with the sleeve.

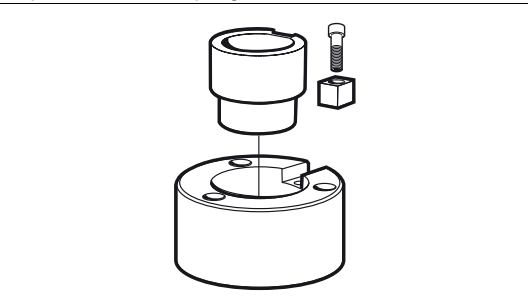
* Combined collar and flange

Assembly fixture 391.500



Choose flange, collar and sleeve to suit tool to be assembled.

Fixture 391.501 for maintenance of tools with Coromant Capto and HSK couplings



Choose sleeve to suit coupling.
The fixture should be fastened to the bench with three socket head screws (not delivered with fixture).

Tool cart for Coromant Capto

Quick change tooling



1. Cradle carrier
2. Tool cradles
3. Molded tool holders (to be ordered separately)

Ordering code	Kit consists of:		
CCW-KIT	TC-0	4 pieces	Tool cradles
	TCC-2	4 pair	Frame carriers for tool cradle

To order a complete cart 1 pcs CCW-KIT + toolholders

Bench stand



Ordering code
BS-KIT

To order a complete bench stand 1 pcs BS-KIT + molded tool holders

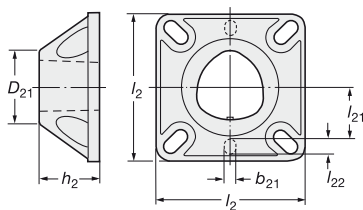
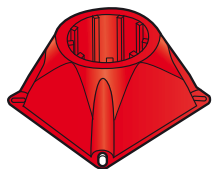
Molded tool holders - to be ordered separately



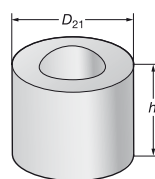
Ordering code	Width (B)	Max. number of coupling sizes
C3-IC-1	58	C3 = 9
C4-IC-1	58	C4 = 9
C5-IC-1	65.5	C5 = 8
C6-IC-1	81.5	C6 = 6
C8-IC-1	105	C8 = 5
C10-IC-1	120	C10 = 4

Cassettes (polygon seating)

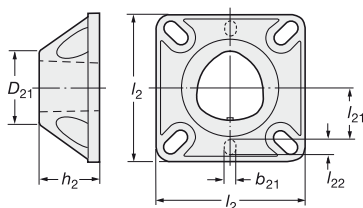
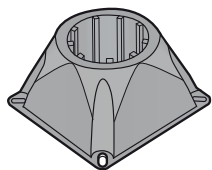
Coromant Capto®

**-4000**

Plastic storage cassettes (red)

-6000-B

Aluminum cassette blanks

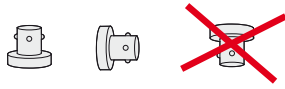
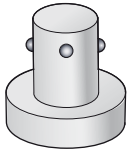
**-5000**

High grade plastic in-machine tool storage (black)

Coupling size	Ordering code	Dimensions, mm						
			b_{21}	D_{21}	h_2	l_2	l_{21}	
C3	C3-C-4000	-	32	26	65	-	-	All plastic cassettes conforming to hole pattern 17 mm, 20 mm, 25 mm and 1". High grade plastic. Red color. To be used: – alone for upright storage – with mechanism type PL-01 for horizontal or upright position.
C4	C4-C-4000	6	50	39	74	26	8	
C5	C5-C-4000	6	50	39	74	26	8	
C6	C6-C-4000	8	80	63	116	41	10	
C8	C8-C-4000	8	80	63	116	41	10	
C4	C4-C-5000	6	50	39	74	26	8	High grade reinforced black plastic. For in-machine tool storage with mechanism AL-01.
C5	C5-C-5000	6	50	39	74	26	8	
C6	C6-C-5000	8	80	63	116	41	10	
C8	C8-C-5000	8	80	63	116	41	10	
C10	C10-C-5000	8	100	80	150	60	68	
C6	C6-C-6000-B	-	120	63	-	-	-	Aluminum cassette blanks for individual adaptation. To be used with AL-01.
C8	C8-C-6000-B		120	63	-	-	-	
C10	C10-C-6000-B		138	80	-	-	-	

Locking mechanism for cassettes

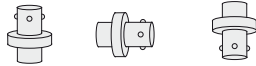
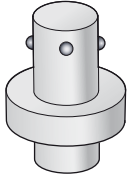
-PL



Passive locking mechanism

For vertical upwards and horizontal storage. NEVER upside down storage.

-AL



Active locking mechanism

For storage at all angles: vertical upwards and downwards or horizontal.

CZC	Ordering code	Pull action force, N	
C4	C4-PL-01	55	Central passive locking mechanism. Spring loaded clamping. Fits directly into all cassettes type 4000.
C5	C5-PL-01	120	
C6	C6-PL-01	150	
C8	C8-PL-01	240	
CZC	Ordering code	Rec. max. tool weight, Kg	
C4	C4-AL-01	40	Active locking mechanism – mechanical push action. Fits directly into all cassettes type 5000/6000.
C5	C5-AL-01	60	
C6	C6-AL-01	75	
C8	C8-AL-01	110	
C10	C10-AL-01	150	
CZC	Ordering code	Rec. max. tool weight, Kg	
C6	C6-AL-02	75	Active locking mechanism – mechanical push action. Fits directly into all cassettes type 5000/6000.
C8	C8-AL-02	110	

B

C

D

E

F

G

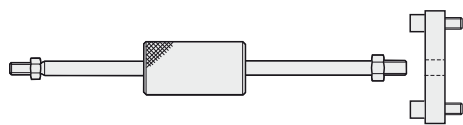
H

A

Assembly item

Extracting tool for disassembling the polygon socket on manual and automatic clamping units

B



Extracting tool

Withdrawal tool

Note: Withdrawal tool to be ordered separately.

	Ordering code
CZC	
C3	CC-ET-01
C4	CC-ET-01
C5	CC-ET-02
C6	CC-ET-02
C8	CC-ET-02

C

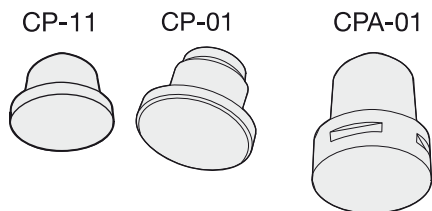
Withdrawal tool to remove polygon sleeve from clamping units, can be used together with CC-ET-01/02



	Ordering code	Spare parts	
CZC		Center screw	Peripheral screw
C3	C3-WDT-01M	3214 030-463	5512 040-03
C4	C4-WDT-02	3214 030-464	5512 040-04
C5	C5-WDT-02	3214 030-516	5512 040-05
C6	C6-WDT-02	3214 030-516	5512 040-06
C8	C8-WDT-02	3214 030-516	3212 010-511

D

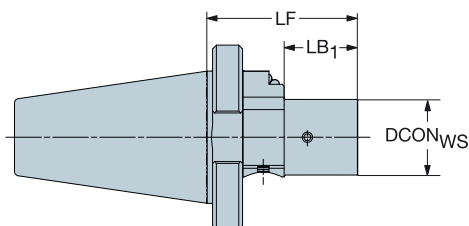
Cover plug



	Ordering code		
CZC	Manual unit	Automatic unit	Type 3000
C3	C3-CP-01	-	C3-CP-11
C4	C4-CP-01	C4-CPA-01	C4-CP-11
C5	C5-CP-01	C5-CPA-01	C5-CP-11
C6	C6-CP-01	C6-CPA-01	-
C8	C8-CP-01	C8-CPA-01	-
C10	-	C10-CPA-01	-

E

Pre-measuring unit



F

G

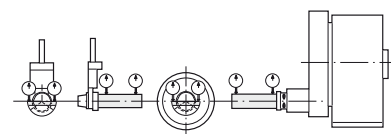
				Dimensions, mm, inch			
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{WS}	LF	LB ₁
50	C3	0	0	C3-PMU-I50	32	75	36
	C4	0	0	C4-PMU-I50	1.260	2.953	1.417
	C5	0	0	C5-PMU-I50	40	80	39
	C6	0	0	C6-PMU-I50	1.575	3.150	1.535
	C8	0	0	C8-PMU-I50	50	90	45
					1.969	3.543	1.772
					63	107	56
					2.480	4.213	2.205
					80	127	60
					3.150	5.000	2.362

H

Assembly item

Master setting gauges

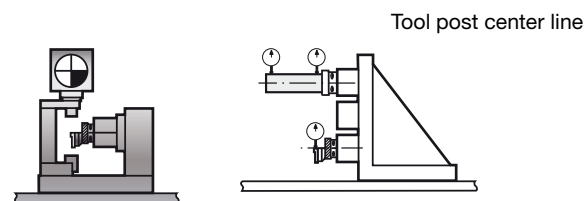
Checking position for grippers Spindle orientation



The Coromant Capto system guarantees exceptional, repeatable accuracy but this is of little use unless the various other components in the total machining process are correctly and accurately positioned.

Coromant offers a range of axial and center height master setting gauges for the various coupling sizes, which are strongly recommended for setting important parameters such as:

- The centerline of the tool post
- Spindle orientation
- The position of the tool for grippers
- Tool center height and cutting edge position (f_1 and l_1 dimensions). Gauges can be used in a pre-measuring fixture.
- Component fixtures

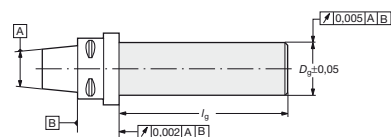


Tool presetting

Component fixture geometric control

Axial gauge

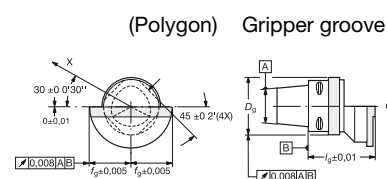
Master setting gauges MAS-11



Coupling size	Ordering code	Dimensions, mm	
		D_g	l_g
C3	C3-MAS-11	25	160
C4	C4-MAS-11	25	160
C5	C5-MAS-11	32	210
C6	C6-MAS-11	40	315
C8	C8-MAS-11	40	315
C10	C10-MAS-11	60	420

Center height gauge

Master setting gauges MAS-01



Coupling size	Ordering code	Dimensions, mm		
		f_g	l_g	D_g
C3	C3-MAS-01	22	40	34
C4	C4-MAS-01	27	50	42
C5	C5-MAS-01	35	60	52
C6	C6-MAS-01	45	65	65
C8	C8-MAS-01	55	80	82
C10	C10-MAS-01	65	100	102

Center height gauge

Coupling size	Ordering code	Dimensions, mm	
		l_g	D_g
C4	C4-MAS-25 140	140	25
C5	C5-MAS-32 145	145	32
C6	C6-MAS-40 180	180	40
C8	C8-MAS-40 240	240	40

A

Torque wrenches

Coromant Capto®

B

Torque wrench for manual clamping units, quick change

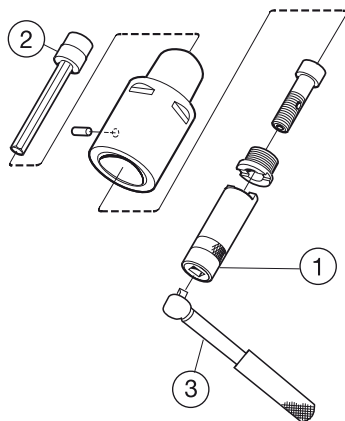


C

CZC	Torque wrench		Dimensions, mm, inch		Key adapter		Driven unit	
	Ordering code	Torque range, Nm, ft-lbs	WSC	OAL	Ordering code	KIC	Ordering code	KIC
C3	C-TK-01M	20-100	1/2"	400	5680 035-14	8	5680 035-17	5
		15-74		15.748			.315	.200
C4	C-TK-01M	20-100	1/2"	400	5680 035-06	10	5680 035-14	8
		15-74		15.748			.394	.315
C5	C-TK-01M	20-100	1/2"	400	5680 035-07	12	5680 035-06	10
		15-74		15.748			.472	.394
C6	C-TK-01M	20-100	1/2"	400	5680 035-07	12	5680 035-07	12
		15-74		15.748			.472	.472
C8	C-TK-02	40-200	1/2"	520	5680 035-07	12		
		30-148		20.472			.472	
C10	C-TK-03	60-300	1/2"	620	5680 035-10	17		
		44-220		24.409			.669	

D

Torque wrench for modular assemblies, center bolt clamping



E

F

CZC	3. Torque wrench		Dimensions, mm, inch		2. Extension key		1. Retaining nut spanner	
	Ordering code	Torque range, Nm, ft-lbs	WSC	OAL	Ordering code	KIC	Ordering code	
C3	C-TK-02	40-200	1/2"	345	5680 015-05	8	5680 065-13	
		30-148		13.583				
C4	C-TK-02	40-200	1/2"	345	5680 015-05	8	5680 065-10	
		30-148		13.583				
C5	C-TK-02	40-200	1/2"	345	5680 015-01	10	5680 065-11	
		30-148		13.583				
C6	C-TK-02	40-200	1/2"	345	5680 015-02	14	5680 065-12	
		30-148		13.583				
C8	C-TK-02	40-200	1/2"	440	5680 015-02	14	5680 065-12	
		30-148		17.323				
C10	C-TK-04	80-400	3/4"	683	5680 015-06	17	5680 065-14	
		60-295		26.890				

G

To be calibrated according to ISO 6789, accuracy within 4%.

H

Torque wrenches

Tightening torque recommendations

Coromant Capto tightening torque:

Manual clamping units types 2000 and 3000

CZC	Torque Nm	ft-lbs
C3	35	26
C4	50	37
C5	70	52

Coromant Capto tightening torque:

Manual clamping units and driven tool holders with camshaft mechanism

CZC	Torque Nm	ft-lbs
C3	35	26
C4	50	37
C5	70	52
C6	90	66
C8	130	96
C10	285	210

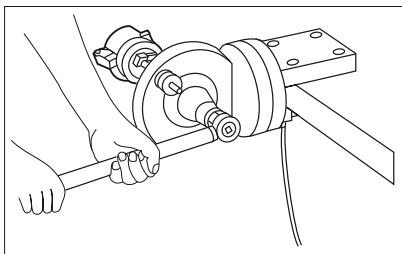
Coromant Capto® required pressure:

Hydraulic clamping units type 5000

CZC	Clamping Pressure, bar (PSI)	Ejecting Pressure, bar (PSI)
C4	100 (1450)	100 (1450)
C5	80 (1160)	80 (1160)
C6	80 (1160)	80 (1160)
C8	80 (1160)	80 (1160)
C10	80 (1160)	80 (1160)

Required oil flow in all cases: 6 l/min (1.6 gal/min)

Coromant Capto® basic holders



Center bolt clamping

CZC	Torque Nm	ft-lbs
C3	45	33
C4	55	40
C5	95	70
C6	170	125
C8	170	125
C10	380	277

Center height setting tool

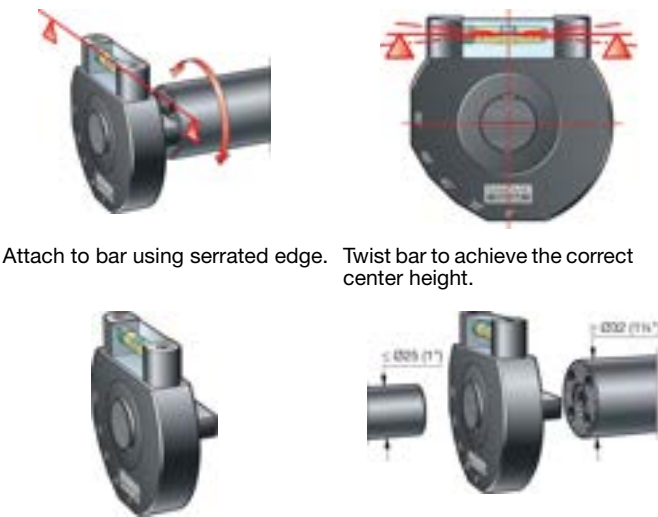
A new setting tool can be used to set the correct center height of the cutting edge for cylindrical CoroTurn® SL boring bars.

Procedure for correct usage:

- Attach setting tool to serrated edge of cylindrical boring bar
- Twist the boring bar to the right position
- When the bubble is in the center position, the bar is parallel and ready to use.

The easy-to-use setting tool offers a quick and simple method to achieve the correct setting of large boring bars over 25 mm (.984 inch) diameter. This setting tool can also be used for bars in multi-task machines.

Ordering code: SL-CHS-01



Attach to bar using serrated edge. Twist bar to achieve the correct center height.

When the bubble is in the correct position, the bar is parallel.

Cover plate



Accessories (to be ordered separately)

CZC _{WS}	Ordering code
25	SL25-CP
32	SL32-CP
40	SL40-CP

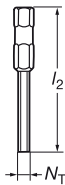
Assembly tools

Torque information for CoroTurn® SL adapters



Size	Bit	Key size	Torque wrench	Torque value in-lbs (Nm)
16	5680 111-01	3/32"	5680 105-02	2.0 Nm (1.47 ft-lbs)
20	5680 111-01	7/64"	5680 105-02	2.8 Nm (2.06 ft-lbs)
25	5680 110-01	3mm	5680 105-05	3.7 Nm (2.73 ft-lbs)
32	5680 110-01	4mm	5680 105-06	8.8 Nm (6.49 ft-lbs)
40	5680 110-01	5mm	5680 099-01	17 Nm (12.55 ft-lbs)
70	5680 035-11	6mm	C-TK-01M	30 Nm (22.14 ft-lbs)

Hexagon bits



Bit	OAL		Metric box N _T mm	Inch box N _T Inch
	mm	Inch		
5680 110-01	50	1.969	1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0	
5680 111-01	50	1.969		1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"

Assembly tools

Information

To get the best performance out of our tools, especially in parting and grooving, it is of great importance to have the correct insert tightening torque.
In the Sandvik Coromant assortment, four metric and four inch torque wrenches, using bits for different Torx Plus sizes, are available.

B

C

5680 105-01
5680 105-02
5680 105-03
5680 105-04



5680 105-05
5680 105-06
5680 105-07
5680 105-08



D

Torque wrench	Torque range		Handle
	Nm	In-lbs	
5680 105-01	0.3 - 1.2		Straight
5680 105-02	1.2 - 3.0		Straight
5680 105-05	3.0 - 6.0		Angled
5680 105-06	4.0 - 8.8		Angled
5680 105-03		2.5 - 11.5	Straight
5680 105-04		11.0 - 26.0	Straight
5680 105-07		26.0 - 55.0	Angled
5680 105-08		35.4 - 78.0	Angled

Bit	OAL	NT
	mm	Torx Plus
5680 084-01	50	8IP
5680 084-02	50	15IP
5680 084-03	89	15IP
5680 084-04	50	7IP
5680 084-05	50	9IP
5680 084-06	50	10IP
5680 084-07	50	20IP
5680 084-08	89	20IP
5680 084-09	89	25IP
5680 084-10	89	30IP
5680 084-11	50	6IP
5680 084-12	80	27IP
5680 084-13	35	50IP

Bit	OAL	NT
	mm	Torx Plus
5680 084-14	50	30IP
5680 084-15	25	15IP
5680 084-16	25	30IP
5680 084-17	25	6IP
5680 084-18	25	7IP
5680 084-19	25	8IP
5680 084-20	25	9IP
5680 084-21	25	10IP
5680 084-22	25	20IP
5680 084-23	25	25IP
5680 083-01	25	HEX3
5680 083-04	50	HEX2,5

General information

Modular system of adapters with exchangeable cutting heads

- For internal and external turning, grooving, and threading
- Perfect in combination with Silent Tools™ dampening boring bars in operations with long overhangs or vibration tendencies
- For all material groups

- The Serration Lock (SL) interface is extremely robust, enabling the creation of a wide range of tool combinations from a small inventory of adapters and cutting heads
- Adapters available for both internal and external machining
- The high-precision nozzles on the cutting heads put the coolant exactly where you need it, for good chip breaking and long tool life
- Tool wear is mainly on the exchangeable cutting head, extending the life of the adapter

Quick change with Coromant Capto®

- Adapters with internal coolant for efficient coolant supply



CoroTurn® SL is divided into four different systems:

2. CoroTurn® SL70 for profiling and pocketing



4. Quick change for small bores



Advanced cutting materials

In negative and positive basic shape inserts

Cubic boron nitride (CBN)

Unique CBN-grade chain for hard part turning (HPT) with materials designed for high performance in target application area.

T-Max® P
CoroTurn® 107
CoroTurn® TR



Ceramics

The ceramic grade chain includes solutions for machining cast iron, heat resistant super alloys, and hardened materials.

T-Max®



Polycrystalline Diamond (PCD)

Effective for machining non-ferrous materials.

CoroTurn® 107
T-Max®



B

Wiper

Inserts for increased productivity

For increased feed rates without affecting surface finish

C

Wiper

The corner-radius design of wiper inserts allows for machining at high feed rates without affecting surface finish or chip-breaking ability.

- Two times the feed – same surface finish
- Same feed – twice as good surface finish



D

iLock™

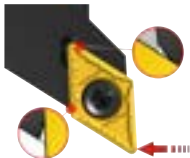
Preventing insert movement for improved machining performance

E

Application

- F
- High dimensional accuracy
 - Long tool life
 - Good chip control

Tools with iLock™ design have rails or serrations on the tool holder and corresponding slots on the insert for a tight locking. This prevents the cutting forces from affecting the tool position.

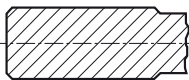
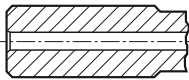
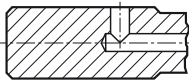
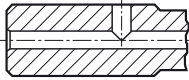
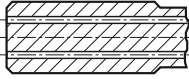
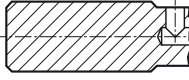
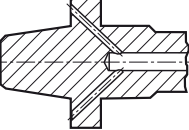
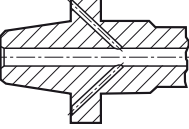


Forces cause micro-movements of the insert in its seat.

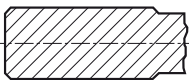
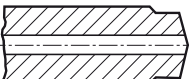
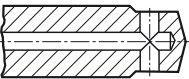
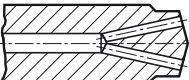
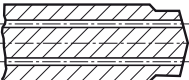
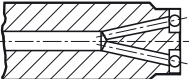
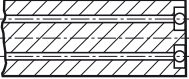
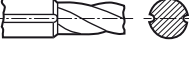
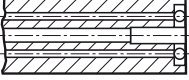


With the T-railed interface on CoroTurn TR, the insert stays fixed in its position.

CNSC**Coolant entry style code**

Code	Description	Image
0	Without coolant	
1	Axial concentric entry	
2	Radial entry	
3	Axial concentric and radial entry	
4	Axial concentric entry on circle	
5	Radial entry before adapter	
6	Decentral over flange	
7	Decentral over flange and axial	
8	Decentral over slots on the shank	

CXSC**Coolant exit style code**

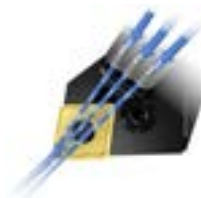
Code	Description	Image
0	No coolant exit	
1	Axial concentric exit	
2	Radial exit	
3	Axial inclined exit	
4	Axial concentric on circle	
5	Axial inclined exit with nozzle, adjustable	
6	Decentral exit with nozzle, adjustable	
7	Decentral over slots on the shank	
8	Axial or decentral with nozzle, adjustable	

Precision coolant supply

Holders with nozzles designed for precision coolant

For chip control, process security, and extended tool life

Designed for coolant pressures up to 275 bar (4000 psi)



Sandvik Coromant's fixed, pre-directed high precision nozzles create parallel laminar jets of coolant with high velocity directed at the right place on the insert edge. It is the precision and character of these jets that make the difference in terms of chip control and process security. The positive effects start at low coolant pressure, but the higher the pressure is, the more demanding the material that can successfully be machined.

General turning inserts

Inserts, metric

C	N	M	G	12	04	08	-			-	PF
1	2	3	4	5	6	7		8	9		12

Inserts, inch

C	N	M	G	4	3	2	-			-	PF
1	2	3	4	5	6	7		8	9		12

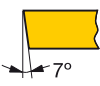
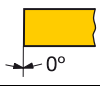
Inserts, advanced cutting materials, metric

C	N	G	A	12	04	08	-	T	010	20
1	2	3	4	5	6	7		8	10	11

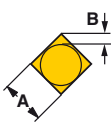
Inserts, advanced cutting materials, inch

C	N	G	A	4	3	2	-	T	03	20
1	2	3	4	5	6	7		8	10	11

1 Insert shape			
C		D	
K		R	
S		T	
V		W	

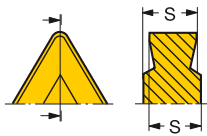
2 Insert clearance angle			
B		C	
E		N	
P		O	Special description

3 Tolerances, metric		
Class	S	IC / W1
G	±0.13	±0.025
M	±0.13	±0.05 – ±0.15 ¹⁾
U	±0.13	±0.08 – ±0.25 ¹⁾
E	±0.025	±0.025
¹⁾ Varies depending on the size of IC. See below.		
Inscribed circle IC mm	Tolerance class	
	M	U
3.97		
5.0		
5.56		
6.0		
6.35		
8.0		
9.525		
10.0		
12.0	±0.05	±0.08
12.7		
15.875		
16.0		
19.05	±0.10	±0.18
20.0		
25.0		
25.4	±0.13	±0.25
31.75		
32.0	±0.15	±0.25
For positive inserts, <i>iC</i> is valid for a sharp corner. See cutting edge condition F. (Picture 8).		

3 Tolerances, inch		
		
A: Theoretical diameter of the insert inscribed circle. T: Thickness of the insert. B: See figures.		
Tolerances in inch		
Class B:	A:	T:
A ±.0002	±.001	±.001
B .0002	.001	.005
C .0005	.001	.001
D .0005	.001	.005
E .001	.001	.001
F .0002	.0005	.001
G .001	.001	.005
H .0005	.0005	.001
J .0002	.002-.005	.001
K .0005	.002-.005	.001
L .001	.002-.005	.001
M .002-.005	.002-.005	.005
U .005-.012	.005-.010	.005
N .002-.010	.002-.004	.001

General turning inserts

6 Insert thickness, S



01	S = 1.59
T1	S = 1.98
02	S = 2.38
03	S = 3.18
T3	S = 3.97
04	S = 4.76
05	S = 5.56
06	S = 6.35
07	S = 7.94
09	S = 9.52
10	S = 10.00
12	S = 12.00

7 Nose radius, RE mm

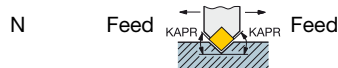


00* = 0
01 = 0.1
02 = 0.2
04 = 0.4
05 = 0.5
08 = 0.8
10 = 1.0
12 = 1.2
15 = 1.5
16 = 1.6
24 = 2.4
32 = 3.2

8 Cutting edge condition

F		Sharp cutting edge
A		ER treated cutting edge (ANSI)
E		ER treated cutting edge
T		Negative land
K		Double negative lands
S		Negative land and ER treated cutting edge

9 Hand of tool



12 Manufacturer's option

The ISO code consists of nine symbols including 8 and 9 which are used only when required. In addition the manufacturer may add further three symbols, e. g.,

- WF = Wiper – finishing
- WMX = Wiper, medium machining
- PF = ISO P – finishing
- PR = ISO P – roughing
- HGR = Chip breaker for removal of hardened layer

7 * Code on round inserts

Code 00 or M0 in position 7 is used on round inserts in the metric code. M0 shows that the diameter of the insert has an even metric dimension. In the inch code for round inserts, position 7 isn't used at all. It's blank.

Advanced cutting material inserts

Metric

C	N	G	A	12	04	08	T	010	20	R	A	WG
1	2	3	4	5	6	7	8	9	10	11	12	13

Inch

C	N	G	A	4	3	2	T	03	20	R	A	WG
1	2	3	4	5	6	7	8	9	10	11	12	13

1 Insert shape

C		D	
K		R	
S		T	
V		W	

2 Insert clearance angle

B		C	
E		N	
P		O	Special description

4 Insert type

A		V	
G		R	
M		T	
N		W	
P		X	
Q			Special design

3 Tolerances, metric

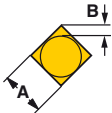
Class	S	IC / W1
G	±0.13	±0.025
M	±0.13	±0.05 – ±0.15 ¹⁾
U	±0.13	±0.08 – ±0.25 ¹⁾
E	±0.025	±0.025

¹⁾Varies depending on the size of IC. See below.

Inscribed circle	Tolerance class	
IC mm	M	U
3.97		
5.0		
5.56		
6.0	±0.05	±0.08
6.35		
8.0		
9.525		
10.0		
12.0	±0.08	±0.13
12.7		
15.875		
16.0	±0.10	±0.18
19.05		
20.0		
25.0	±0.13	±0.25
25.4		
31.75	±0.15	±0.25
32.0		

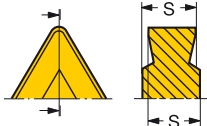
For positive inserts, *iC* is valid for a sharp corner. See cutting edge condition F. (Picture 8).

3 Tolerances, inch

		
A: Theoretical diameter of the insert inscribed circle. T: Thickness of the insert. B: See figures.		
Tolerances in inch		
Class B:	A:	T:
A ±.0002	±.001	±.001
B .0002	.001	.005
C .0005	.001	.001
D .0005	.001	.005
E .001	.001	.001
F .0002	.0005	.001
G .001	.001	.005
H .0005	.0005	.001
J .0002	.002-.005	.001
K .0005	.002-.005	.001
L .001	.002-.005	.001
M .002-.005	.002-.005	.005
U .005-.012	.005-.010	.005
N .002-.010	.002-.004	.001

5 Insert size

Inscribed circle, inch		Cutting edge length, metric									
				C	D	R	S	T	V	W	K
   		IC mm	IC inch								
Inscribed circle is indicated in 1/8".		3.18	1/8"					05			
		3.97	5/32"					06			
		5.0				05		09			
		6.0									
Cutting edge length, inch		6.35	1/4"	06	06			11	11		
		8.0				08					
		9.525	3/8"	09	11		09	16	16	06	16 ¹⁾
		10.0				10					
  		12.0				12		22	22	08	
		12.7	1/2"	12	15		12	22			
		15.875	5/8"	16			15	27			
		16.0				16					
For rectangular and rhombic inserts, cutting edge length is indicated in mm.		19.0	3/4"	19		19	19	33			
		20.0				20					
		25.0				25 ¹⁾					
		25.4	1"	25		25 ²⁾	25				
		31.75	1 1/4"			31					
		32				32					
¹⁾ For rectangular and rhombic inserts cutting edge length is indicated in mm.											
¹⁾ Metric base design											
²⁾ Inch base design											

6 Insert thickness, S, mm, inch		
		
Metric:		Inch:
01 s = 1.59	1. s = .0625	
T1 s = 1.98	(1.2) s = .075	
02 s = 2.38	(1.5) s = 3/32	
03 s = 3.18	2 s = 1/8	
T3 s = 3.97	(2.5) s = 5/32	
04 s = 4.76	3 s = 3/16	
05 s = 5.56	4 s = 1/4	
06 s = 6.35	5 s = 5/16	
07 s = 7.94	6 s = 3/8	
09 s = 9.52	6.3 s = .394	
10 s = 10.00	7.6 s = .475	
12 s = 12.00		

7 Nose radius, RE, mm, inch		
Metric:		**Inch:**
00* = 0	0 = 0	
01 = 0.1	.30 = .004	
02 = 0.2	.50 = .008	
04 = 0.4	1 = .016	
05 = 0.5		
08 = 0.8	2 = .031	
10 = 1.0		
12 = 1.2	3 = .047	
15 = 1.5		
16 = 1.6	4 = .063	
24 = 2.4	6 = .094	
32 = 3.2	8 = .125	
Note: See example for approximation of metric nose radius. 16=1.6mm=.063=.0625		
8 Cutting edge condition		
F		Sharp cutting edge
E (A)		ER treated cutting edge A (inch) E (metric)
T		Negative land
K		Double negative lands
S		Negative land and ER treated cutting edge
9 Chamfer width		
	ISO mm	ANSI inch
	010 bγn = 0.10	03 bγn = (.003)
	015 bγn = 0.15	06 bγn = (.006)
	020 bγn = 0.20	08 bγn = (.0078)
	025 bγn = 0.25	08 bγn = (.0098)
	070 bγn = 0.70	30 bγn = (.030)
	150 bγn = 1.50	60 bγn = (.060)
	200 bγn = 2.00	80 bγn = (.080)
10 Chamfer angle, degrees		
	15 γn = 15°	30 γn = 30°
	20 γn = 20°	35 γn = 35°
	25 γn = 25°	
11 Hand of insert		
Inserts designed solely for machining in left or right direction are indicated as below.		
R	Right hand design	
L	Left hand design	
12 Insert Type (CBN)		
To allow a variety of machining demands to be met several types of inserts comprising CBN and PCD are manufactured. To easily identify the different types, Sandvik Coromant uses a letter to denote the variants.		
A CBN, Multi Corner Inserts - Fully indexable - CBN top to bottom of the carbide carrier corners		
B CBN, Multi Corner Inserts - Fully indexable - CBN brazed to the top and bottom of the carbide carrier corners.		
E CBN, Single tip inserts - Non-indexable - CBN brazed to the top of one of the carbide carrier corners		
F CBN, Multi tip inserts - Indexable - CBN brazed to each corner of the carbide carrier		
D CBN, Full Top inserts - Indexable - CBN sintered to the complete top surface of the carbide carrier		
M CBN, Solid inserts - Fully indexable - Complete insert made from CBN		
13 Wiper Geometry		
Our unique Wiper and Xcel technologies can be used to boost productivity and generate superior surface finish.		
WG Wiper geometry for general purpose machining Allows high feed rates in HPT Suitable for finish machining of GCI		
WH Wiper geometry optimized for HPT Low cutting forces for superior surface finish Designed for peak performance at HPT finishing feed rates		
Xcel Allows the use of higher feed rates than other wiper geometries		
XA Maintains surface finish		

7 * Code on round inserts

Code 00 or M0 in position 7 is used on round inserts in the metric code. M0 shows that the diameter of the insert has an even metric dimension. In the inch code for round inserts, position 7 isn't used at all. It's blank.

Shank tools and Coromant Capto® cutting units

Coromant Capto®

C3	-	D	C	L	N	R	22	040	-	09	-	
1		2	3	4	5	6	9	10		11		12

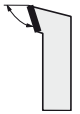
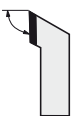
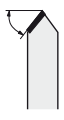
Shank tool, metric

D	C	L	N	R	25	25	M	12	-	2
2	3	4	5	6	7	8	10	11		13

Shank tool, inch

D	C	L	N	R	16	4	D	-	
2	3	4	5	6	7-8	11	10		12

1 Coupling size, mm	2 Clamping system												
C = Coromant Capto® DCON = Coupling size  <table> <tr> <td>CZC_{MS}</td><td>DCON</td></tr> <tr> <td>C3</td><td>32</td></tr> <tr> <td>C4</td><td>40</td></tr> <tr> <td>C5</td><td>50</td></tr> <tr> <td>C6</td><td>63</td></tr> <tr> <td>C8</td><td>80</td></tr> </table> Coromant Capto®	CZC _{MS}	DCON	C3	32	C4	40	C5	50	C6	63	C8	80	C  Top clamping D  Top and hole clamping (RC) M, W  Top and hole clamping P  Hole clamping S  Screw clamping
CZC _{MS}	DCON												
C3	32												
C4	40												
C5	50												
C6	63												
C8	80												

3 Insert shape	4 Holder style entering angle (lead angle)
C  D 	A  90° (0°) B  75° (15°) D  45° (45°) E  60° (30°) F  91° (-1°) G  91° (-1°) H  107.5° (-17.5°)
K  R 	J  93° (-3°) K  75° (15°) L  95° (-5°) M  50° (40°) N  62.5° (27.5°) R  75° (15°)
S  T 	S  45° (45°) T  60° (30°) U  93° (-3°) V  72.5° (17.5°) Y(X)  85° (5°) Y(Z)  85° (5°)
V  W 	

5 Insert clearance angle		6 Hand of tool	7 & 8 Shank size (B, width and H, height) inch
B		R L N	05 = $\frac{5}{16} \times \frac{5}{16}$ 85 = $1 \times 1 \frac{1}{4}$ 06 = $\frac{3}{8} \times \frac{3}{8}$ 86 = $1 \times 1 \frac{1}{2}$ 08 = $\frac{1}{2} \times \frac{1}{2}$ 20 = $1 \frac{1}{4} \times 1 \frac{1}{4}$ 10 = $\frac{5}{8} \times \frac{5}{8}$ 24 = $1 \frac{1}{2} \times 1 \frac{1}{2}$ 12 = $\frac{3}{4} \times \frac{3}{4}$ 32 = 2×2 16 = 1×1
C			
D			
E			
N			The seventh and eighth position shall be a single significant two digit number which indicates the holder's cross section. For shanks 5/8" square and over, the number will represent the number of sixteenths inch of width and height. For shanks under 5/8" square, the number of sixteenths inch of cross section will be preceded by a zero. For rectangular holders the first digit represents the number of eighths inch width, and the second digit the number of quarters inch of height.
P			
O	Specific description		

7 & 8 Shank size (B, width and H, height) metric	9 WF dimension, Coromant Capto®	10 Tool length and width, inch
7 Shank height * Integers to be preceded by 0, e.g. H = 8 mm indicated by 08 8 Shank width * Integers to be preceded by 0, e.g. B = 8 mm indicated by 08	 WF dimension in mm (2 digits)	 A LF= 4" B LF= 4.5" C LF= 5" D LF= 6" E LF= 7" F LF= 8" M LF= 4" N LF= 4.5" P LF= 5" R LF= 6" S LF= 7" T LF= 8"
10 Shank tool length, metric	10 Coromant Capto® tool length, metric	SANDVIK standard
 A = 32 mm N = 150 mm B = 40 mm P = 170 mm C = 50 mm Q = 180 mm D = 60 mm R = 200 mm E = 70 mm S = 250 mm G = 80 mm T = 300 mm H = 100 mm U = 350 mm J = 110 mm V = 400 mm K = 125 mm W = 400 mm L = 140 mm M = 150 mm X = Special	 LF dimension in mm (3 digits)	G LF= 5.5" U LF= 5.5" V LF= 3.5" K LF= 14"

11 Insert size	12 Manufacturer's option
Metric Cutting edge length Cutting edge length is indicated in mm. Cutting edge length is indicated in mm.	Inch Inscribed circle is indicated in 1/8". 1.2 = $\frac{5}{32}$ 1.5 = $\frac{3}{16}$ 1.8 = $\frac{7}{32}$ 2 = $\frac{1}{4}$ 2.5 = $\frac{5}{8}$ 3 = $\frac{3}{8}$ 4 = $\frac{1}{2}$ 5 = $\frac{5}{8}$ 6 = $\frac{3}{4}$ 8 = 1 10 = $1 \frac{1}{4}$
	When required a supplementary symbol of max. 3 letters may be added to the ISO code, separated by a dash, e.g. W for wedge design.
	13 Clamping system, ceramics -2 = CoroTurn® RC holders for inserts with hole -4 = CoroTurn® RC holders for inserts without hole

Boring bars

Coromant Capto®

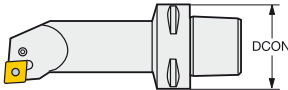
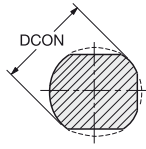
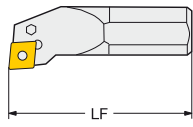
C3	-	S	C	L	C	R	-	11065	-	09	
1		5	6	7	8	9		13		10	11

Boring bars, metric

S	40	V	-	S	C	L	C	R		12		-	ID
2	3	4		5	6	7	8	9		10		11	12

Boring bars, inch

S	24	V	-	S	C	L	C	R		4	-	
2	3	4		5	6	7	8	9		10		11

1 Coupling size C = Coromant Capto® DCON = Coupling size <table><tr><td>CZC_{MS}</td><td>DCON</td></tr><tr><td>C3</td><td>32</td></tr><tr><td>C4</td><td>40</td></tr><tr><td>C5</td><td>50</td></tr><tr><td>C6</td><td>63</td></tr><tr><td>C8</td><td>80</td></tr></table>	CZC _{MS}	DCON	C3	32	C4	40	C5	50	C6	63	C8	80	2 Type of bar A = Solid steel bar with internal coolant supply. E = Carbide shank bar F = Damped, carbide shank bar S = Solid steel bar without coolant	3 Bar diameter mm¹⁾ inch 03 = .1875 04 = .250 05 = .3125 06 = .375 08 = .500 10 = .625 12 = .750 16 = 1.000 20 = 1.250 24 = 1.500 28 = 1.750 32 = 2.000 36 = 2.250 40 = 2.500 																																								
CZC _{MS}	DCON																																																					
C3	32																																																					
C4	40																																																					
C5	50																																																					
C6	63																																																					
C8	80																																																					
4 Tool length, LF mm, inch Shank tool <table><tr><th></th><th>Metric</th><th>Inch</th><th></th><th>Metric</th><th>Inch</th></tr><tr><td>F =</td><td>80</td><td>3.250</td><td>S =</td><td>250</td><td>10.000</td></tr><tr><td>H =</td><td>100</td><td>4.000</td><td>T =</td><td>300</td><td>12.000</td></tr><tr><td>K =</td><td>125</td><td>5.000</td><td>U =</td><td>350</td><td>14.000</td></tr><tr><td>M =</td><td>150</td><td>6.000</td><td>V =</td><td>400</td><td>15.750</td></tr><tr><td>P =</td><td>170</td><td>6.250</td><td>W =</td><td>450</td><td>17.750</td></tr><tr><td>Q =</td><td>180</td><td>7.250</td><td>Y =</td><td>500</td><td>20.000</td></tr><tr><td>R =</td><td>200</td><td>8.000</td><td>X =</td><td>Special</td><td></td></tr></table>		Metric	Inch		Metric	Inch	F =	80	3.250	S =	250	10.000	H =	100	4.000	T =	300	12.000	K =	125	5.000	U =	350	14.000	M =	150	6.000	V =	400	15.750	P =	170	6.250	W =	450	17.750	Q =	180	7.250	Y =	500	20.000	R =	200	8.000	X =	Special		5 Clamping system <table><tr><td> C  Top clamping </td><td> D  Top and hole clamping (RC) </td><td> M,W  Top and hole clamping </td><td> P  Hole clamping </td><td> S  Screw clamping </td></tr></table>	C  Top clamping	D  Top and hole clamping (RC)	M,W  Top and hole clamping	P  Hole clamping	S  Screw clamping
	Metric	Inch		Metric	Inch																																																	
F =	80	3.250	S =	250	10.000																																																	
H =	100	4.000	T =	300	12.000																																																	
K =	125	5.000	U =	350	14.000																																																	
M =	150	6.000	V =	400	15.750																																																	
P =	170	6.250	W =	450	17.750																																																	
Q =	180	7.250	Y =	500	20.000																																																	
R =	200	8.000	X =	Special																																																		
C  Top clamping	D  Top and hole clamping (RC)	M,W  Top and hole clamping	P  Hole clamping	S  Screw clamping																																																		

1) For metric bars DCON in mm.

6 Insert shape		7 Bar style, lead angle (entering angle)		8 Clearance angle on major cutting edge	
C		D		B	
K		R		C	
S		T		D	
V		W		E	
				N	
				O	Special description
				P	

9 Hand of tool		10 Cutting edge length		11 Manufacturer's option	
R		Metric		When required a supplementary symbol of max. 3 letters may be added to the ISO code, separated by a dash, e.g.:	
L		Cutting edge length is indicated in mm.		C = Coolant thru capabilities.	
		Integer (not rounded off).		D = Extended WF dimension, + 1.0 mm (.04")	
		Inch		E = Extended WF dimension, + 2.0 mm (.08")	
		1.2 = 5/32		F = Extended WF dimension, + 3 mm (.12")	
		1.5 = 3/16		G = Altered dimensions	
		1.8 = 7/32		L = Extended LF dimension	
		2 = 1/4		R = Round shank	
		2.5 = 5/16		W = Wedge design	
		3 = 3/8		X = Back boring	
		4 = 1/2		B1 = For inserts with thickness 03 = 3.18 mm.	
		5 = 5/8			
		6 = 3/4			
		8 = 1			
		10 = 1 1/4			

12 Clamping system Ceramics		13 Coromant Capto cutting unit size, mm	
ID = Clamp with pressure plate		WF x LF	
		Example C4-SCLCR 11065-09 WF = 11 mm (2 digits) LF = 065 mm (3 digits)	

B

CoroTurn® Prime



C

Code key for inserts

CP	-	A	11	08	-	M5	W	4325
1		2	3	4		5	6	7

- 1 Family name CoroTurn® Prime

CP
- 2 Insert type

A = Variant for light machining and profiling
B = Variant for rough machining
- 3 Insert size, IC

11 = 11 mm (.433 inch)
- 4 Nose radius

04 = 0.4 mm (.016 inch)
08 = 0.8 mm (.031 inch)
- 5 Insert geometry

L5 = Finishing
M5 = Medium
- 6 W = Wiper (if available)

W
- 7 Grade

4325

D

Code key for holders

E

Coromant Capto®



C4	-	CP	-	30	A	R	-	WF	LFx	-	11	C
1		2		3	4	5		6	7		8	9

F

QS™ shank



QS	-	CP	-	25	B	R	-	2020	-		11	B
1		2		3	4	5		6		7	8	9

- 1 Connection type (and size for Coromant Capto®)

C4 = Capto® , size 4
QS = QS
- 2 Family name
- 3 Entering angle

25 = 25 degrees, KAPR
30 = 30 degrees, KAPR
- 4 Insert type

A = Variant for light machining and profiling
B = Variant for rough machining
- 5 Positioning of cutting edge

R = Right hand
L = Left hand
- 6 Shank size

2020 = shank size H x B mm
12 = shank size B x H inch
- 6 WF Capto® dimension

WF = For Capto® WF dimensions (2 digits)
- 7 LF Capto® dimension

LF = For Capto® LF dimensions (3 digits)
- 8 Insert size, IC

11 = 11 mm (.433 inch)
- 9 Coolant type

A = Precision coolant (over-coolant)
B = Precision coolant (under-coolant)
C = Precision coolant (over- and under-coolant)
No letter = No coolant

CoroTurn® 300



Code key for inserts

3	-	80	-	10	11	08	-	8	-	L4
1		2		3	4	5		6		7

1 Family name CoroTurn® 300

3

2 Point angle of inserts

80 degrees

3 Insert width

10 = 10 mm (.394 inch)

4 Insert height

11 = 11 mm (.433 inch)

5) Nose radius, RE

04 = 0.4 mm (.016 inch)

08 = 0.8 mm (.031 inch)

12 = 12 mm (.472 inch)

6 Number of edges

8

7 Insert geometry

L4 = Finishing

M5 = Medium

M5W = Medium wiper

Code key for holders

Coromant Capto®



C4	-	3	-	80	-	L	R	27	050	-	10	C
1		2		3		4	5	6	7		9	10

QST™ shank (inch)

QS	-	3	-	80	-	L	R	16	-	20	-	10	C
1		2		3		4	5	6-7		8		9	10



QST™ shank (mm)

QS	-	3	-	80	-	L	R	20	20	34	-	10	C
1		2		3		4	5	6	7	8		9	10

1 Connection type (and size for Coromant Capto®)

C4 = Capto®, size 4

QS = QS

2 Family name

3

3 Point angle of inserts

80 degrees

4 Entering angle

L = 95 degrees

5 Positioning of cutting edge

R = Right hand

L = Left hand

N = Neutral

6 Shank height

20 = 20 mm

6 WF Capto® dimension

WF = For Capto® WF dimension (2 digits, e.g., 27)

7 Shank width

20 = 20 mm

7 LF Capto® dimension

LF = For LF Capto® dimension (3 digits, e.g., 050)

6-7 Shank size, inch

B, Width and H, Height

16 = 1 X 1

12 = 3/4 X 3/4

8 Functional length in mm (parts of inch)

9 Insert width in mm

10 Coolant type

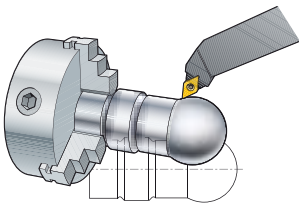
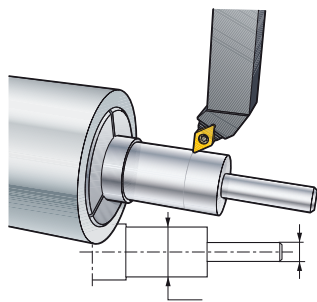
A = Precision coolant (over-coolant)

B = Precision coolant (under-coolant)

C = Precision coolant (over- and under-coolant)

No letter = No coolant

CoroTurn® TR



Profile turning operations place extreme demands on the insert and tool holder through variations in forces. This can cause the problem of reduced component quality in medium to finish machining.

CoroTurn TR provides a unique design solution in this area, with an innovative clamping interface to enable highly secure and stable positioning of the insert in the insert seat. This firm location will improve quality and productivity in turning operations for V (35°) and D (55°) style inserts.

The new design ensures quality requirements are met in external machining and is well suited to medium and finish profile turning in a wide range of materials.

Code key for inserts

TR	-	D	C	13	04	-	F
1		2	3	4	5		6

1 Family name CoroTurn TR

2 Insert shape

D=55° , V=35°

3 Insert clearance angle

C=7° , B=5°

Code key for shank holder

Metric

TR	-	D	13	J	C	R	-	20	20	K
1		2	3	4	5	6		7	8	9

Inch

TR	-	D	13	J	C	R	-	12	B
1		2	3	4	5	6		13	9

2 Insert shape

D=55° , V=35°

3 Insert size

4 Holder style, lead angle

J=-3° , N=27.5° , V=17.5°

5 Insert clearance angle

C=7° , B=5°

4 Insert size

Cutting edge length, 13 mm (.512 inch)

5) Nose radius, RE

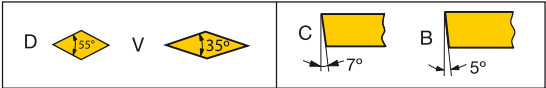
04 = 0.4 mm (.016 inch)

08 = 0.8 mm (.031 inch)

12 = 1.2 mm (.047 inch)

2. Insert shape

3/ 5. Insert clearance angle



6 Insert geometry

F = Finishing

M = Medium machining

Coromant Capto®

TR	-	C4	-	D	13	J	C	R	-	27	050
1		10		2	3	4	5	6		11	12

6 Holder style

R = Right hand

L = Left hand

N = Neutral

7 Shank-size height, Hmm

8 Shank-size width, B mm

9 Shank-tool length, LF mm/inch

K = 125 mm

M = 150 mm

P = 170 mm

B = 4.5 inch

D = 6 inch

10. Coromant Capto coupling size

11 Coromant Capto WF dimension mm

12 Coromant Capto tool length, mm

13 Shank size, inch width and height

12 = ¾x¾

16 = 1x1

CoroCut® 1-2-3 edge inserts

N	123	H	2	-	0400	-	00	04	-	TF
1	2	3	4		5		6	7		8

B

1 Hand of insert	2 Main code	3 Seat size
R  N  L 	123	CoroCut® 1-2 D G K E H L F J M R CoroCut® 3 T = Right hand cutting U = Left hand cutting To correspond with seat size on holder.

C

D

Insert seat interchangeability:					
Insert seat size	Size, mm	Holder	Insert seat size	Size, mm	Holder
D	1.5	D	H	4.0	H
E	2.0	E	J	5.0	J, H
F	2.5	F, E	K	6.0	K, J, H
G	3.0	G, F, E	L	8.0	L
			M	9.0	M
			R	15.0	R

E

4 Number of edges	5 Insert width	6 Front angle
1 or 2  3 	E.g.: 0400 = .157 inch (4 mm) 0400 = .157 inch (4 mm)	E.g.: 00 = 0° 05 = 5°

F

7 Corner radius	8 Geometry designation
E.g.: 04 = .016 inch (0.4 mm) 08 = .031 inch (0.8 mm) 	First digit: Type of operation A = Aluminum/profiling C = Cut off T = Turning G = Grooving R = Profiling B = Blank Second digit: E = ER treated cutting edge F = Low feed M = Medium feed R = High feed O = Optimized for special areas S = Sharp cutting edge G = Blank

G

H

CoroCut® 1-2-3 tools

Coromant Capto®

C4	-	R	F	123	E	15	-	27055	B
1		2	3	4	5	6		7	8

Shank holder

Metric

R	F	123	E	08	-	1616	B	-	007	064	B
2	3	4	5	6		7	8		10	12	13

Inch

R	F	123	E	059	-	08	B	-	S
2	3	4	5	6		7	8		11

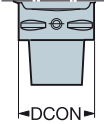
Blade

N	123	F	55	-	25	A	2
2	4	5	6		7	8	9

1 Coupling size

C = Coromant Capto®

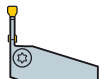
DCON = Coupling size



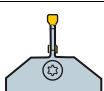
	DCON	
C3	32	Inch (1.260)
C4	40	(1.575)
C5	50	(1.968)
C6	63	(2.480)
C8	80	(3.150)

2 Hand of tool

R



N



L



3 Holder style

F



G



X



0°

90°

1-70°

4 Main code

123

5 Insert seat size

CoroCut® 1-2

D	G	K
E	H	L
F	J	M
		R

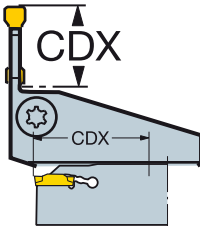
CoroCut® 3

T = Right hand cutting

U = Left hand cutting

To correspond with seat size on insert.

6 Machining limitations



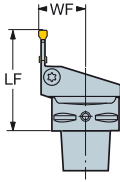
Max cutting depth, CDX in mm

Metric 08 = 8 mm

Inch 059 = .590 inch

7 Shank/cutting unit dimension

Coromant Capto®



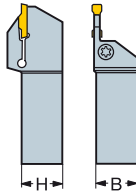
WF

LF

For example:

WF	LF
27 mm	55 mm
1.063 inch	2.165 inch

Shank tool



H

B

Inch

Shank size in 1/16 inch

eg. 08 = 8/16 = 1/2 inch

H x B

08

Metric

Integers to be preceded by 0, e.g., b = 8 mm indicated by 08

H B

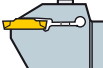
16 16

8 Clamping system

A Spring clamp



B Screw clamp



C Shallow grooving



D Screw clamp reinforced



9 Number of insert seats

1 One insert seat

2 Two insert seats

10 Holder angle

007 = 7°

045 = 45°

070 = 70°

Valid for holder style = X

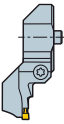
11 Special application

S = Holder for small part machines

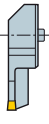
12 Min. diameter for first cut, for facegrooving

Min. diameter for first cut in mm.

13 Type of curve, for facegrooving



B = B curve



A = A curve

H 18

SANDVIK

Coromant

CoroCut® QD insert for parting

Q	D	-	N	G	-	0300	00	02	-	CM
1	2		3	4		5	6	7		8

B

1	System	2	Application	3	Hand of insert
Q =	CoroCut® QD	D =	Deep parting and grooving	N/R/L	
				N = Neutral, R = Right hand, L = Left hand	

C

4	Seat size
Insert seat size	Holder seat size
SSC	SSC
B	B
C	C (B)
D	D
E	E
F	F (E)
G	G (F, E)
H	H
J	J
K	K (J)
L	L

D

5	Insert width	6	Insert front angle	7	Insert corner radius
CW		PSIRL, PSIRR		RE	
0400 = 4 mm (.157 inch)		E.g.: 00 = 0°		04 = 0.40 mm (.016 inch)	

E

8	Insert geometry
First digit	Second letter
C = Cut off	F = Low feed
T = Turning	M = Medium feed
B = Blank	R = High feed
	O = Optimizer
	L = Low carbon
	G = Blank

F

G

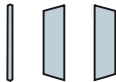
H

CoroCut® QD blade for parting

US

B

Q	D	-	N	N	2	G	60	C	25	A
1	2		3	4	5	6	7	8	9	10

1 System Q = CoroCut® QD	2 Application D = Deep parting and grooving	3 Tool coupling in hand N R L  N = Neutral, R = Right hand, L = Left hand																																				
4 Tool in hand - insert side N/R/L N = Neutral, R = Right hand, L = Left hand	5 Number of insert seats 1 = One insert 2 = Two inserts	6 Seat size <table><tr><th>Insert seat size</th><th></th><th>Holder seat size</th></tr><tr><td>SSC</td><td>mm (inch)</td><td>SSC</td></tr><tr><td>B</td><td>1.00 - 1.19 (.039 - .047)</td><td>B</td></tr><tr><td>C</td><td>1.20 - 1.49 (.047 - .059)</td><td>C (B)</td></tr><tr><td>D</td><td>1.50 - 1.99 (.059 - .078)</td><td>D</td></tr><tr><td>E</td><td>2.00 - 2.30 (.079 - .091)</td><td>E</td></tr><tr><td>F</td><td>2.31 - 2.99 (.091 - .118)</td><td>F (E)</td></tr><tr><td>G</td><td>3.00 - 3.99 (.118 - .157)</td><td>G (F, E)</td></tr><tr><td>H</td><td>4.00 - 4.99 (.157 - .196)</td><td>H</td></tr><tr><td>J</td><td>5.00 - 5.99 (.197 - .236)</td><td>J</td></tr><tr><td>K</td><td>6.00 - 7.80 (.236 - .307)</td><td>K (J)</td></tr><tr><td>L</td><td>7.81 - 8.90 (.307 - .354)</td><td>L</td></tr></table>	Insert seat size		Holder seat size	SSC	mm (inch)	SSC	B	1.00 - 1.19 (.039 - .047)	B	C	1.20 - 1.49 (.047 - .059)	C (B)	D	1.50 - 1.99 (.059 - .078)	D	E	2.00 - 2.30 (.079 - .091)	E	F	2.31 - 2.99 (.091 - .118)	F (E)	G	3.00 - 3.99 (.118 - .157)	G (F, E)	H	4.00 - 4.99 (.157 - .196)	H	J	5.00 - 5.99 (.197 - .236)	J	K	6.00 - 7.80 (.236 - .307)	K (J)	L	7.81 - 8.90 (.307 - .354)	L
Insert seat size		Holder seat size																																				
SSC	mm (inch)	SSC																																				
B	1.00 - 1.19 (.039 - .047)	B																																				
C	1.20 - 1.49 (.047 - .059)	C (B)																																				
D	1.50 - 1.99 (.059 - .078)	D																																				
E	2.00 - 2.30 (.079 - .091)	E																																				
F	2.31 - 2.99 (.091 - .118)	F (E)																																				
G	3.00 - 3.99 (.118 - .157)	G (F, E)																																				
H	4.00 - 4.99 (.157 - .196)	H																																				
J	5.00 - 5.99 (.197 - .236)	J																																				
K	6.00 - 7.80 (.236 - .307)	K (J)																																				
L	7.81 - 8.90 (.307 - .354)	L																																				
7 Cutting depth tool Max cutting depth, CDX Metric 60 = 60 mm Inch 1250 = 1.250 inch	8 Through coolant C = Coolant - = No coolant																																					
9 Blade height Cutting edge height, mm	10 Front end A = No or straight reinforcement D = 1 reinforcement curve D2 = 2 reinforcement curves A D D2 																																					

CoroCut® QD shank tool for parting and grooving

QS	-	Q	D	-	R	F	G	26	C	2525	D
1		2	3		4	5	6	7	8	9	10

B

1 Coupling SL QS Coromant Capto® C3-C8	2 System Q = CoroCut® QD	3 Application D = Deep parting and grooving																																				
4 Tool in hand N/R/L N = Neutral, R = Right hand, L = Left hand	5 Holder style F = 0° G = 90° X = Other	6 Seat size <table border="1"> <thead> <tr> <th>Holder seat size</th> <th>Size mm</th> <th>Insert seat size</th> </tr> </thead> <tbody> <tr> <td>SSC</td> <td></td> <td>SSC</td> </tr> <tr> <td>B</td> <td>1.00 - 1.19</td> <td>B</td> </tr> <tr> <td>C (B)</td> <td>1.20 - 1.49</td> <td>C</td> </tr> <tr> <td>D</td> <td>1.50 - 1.99</td> <td>D</td> </tr> <tr> <td>E</td> <td>2.00 - 2.30</td> <td>E</td> </tr> <tr> <td>F (E)</td> <td>2.31 - 2.99</td> <td>F</td> </tr> <tr> <td>G (F, E)</td> <td>3.00 - 3.99</td> <td>G</td> </tr> <tr> <td>H</td> <td>4.00 - 4.99</td> <td>H</td> </tr> <tr> <td>J</td> <td>5.00 - 5.99</td> <td>J</td> </tr> <tr> <td>K (J)</td> <td>6.00 - 7.80</td> <td>K</td> </tr> <tr> <td>L</td> <td>7.81 - 8.99</td> <td>L</td> </tr> </tbody> </table>	Holder seat size	Size mm	Insert seat size	SSC		SSC	B	1.00 - 1.19	B	C (B)	1.20 - 1.49	C	D	1.50 - 1.99	D	E	2.00 - 2.30	E	F (E)	2.31 - 2.99	F	G (F, E)	3.00 - 3.99	G	H	4.00 - 4.99	H	J	5.00 - 5.99	J	K (J)	6.00 - 7.80	K	L	7.81 - 8.99	L
Holder seat size	Size mm	Insert seat size																																				
SSC		SSC																																				
B	1.00 - 1.19	B																																				
C (B)	1.20 - 1.49	C																																				
D	1.50 - 1.99	D																																				
E	2.00 - 2.30	E																																				
F (E)	2.31 - 2.99	F																																				
G (F, E)	3.00 - 3.99	G																																				
H	4.00 - 4.99	H																																				
J	5.00 - 5.99	J																																				
K (J)	6.00 - 7.80	K																																				
L	7.81 - 8.99	L																																				
7 Cutting depth tool Max cutting depth, CDX Metric 60 = 60 mm Inch 1250 = 1.250 inch	8 Through coolant C = Coolant - = No coolant	10 Front end (reinforcement) S = Swiss Designed for sliding head machines A = No reinforcement D = Reinforced curve																																				
9 Shank or coupling size/dia <table border="1"> <thead> <tr> <th></th> <th>Metric</th> <th>Inch</th> </tr> </thead> <tbody> <tr> <td>Shank</td> <td>4 digits</td> <td>2 digits</td> </tr> <tr> <td>QS</td> <td>4 digits</td> <td>2 digits</td> </tr> <tr> <td>SL</td> <td>2 digits</td> <td></td> </tr> </tbody> </table>		Metric	Inch	Shank	4 digits	2 digits	QS	4 digits	2 digits	SL	2 digits																											
	Metric	Inch																																				
Shank	4 digits	2 digits																																				
QS	4 digits	2 digits																																				
SL	2 digits																																					

C

D

E

F

G

H

CoroTurn® XS

Insert for turning

CXS	04	T	098	A	10	-	22	06	R
1	2	3	4	13	5		9	10	12

Insert for grooving

CXS	06	F	100	-	62	15	A	R
1	2	3	6		9	10	11	12

Insert for threading

CXS	04	TH	050	VM	-	42	15	R
1	2	3	7	8		9	10	12

1 Main code
CXS = CoroTurn® XS
4 Entering angle (Turning)
E.g.: 098 = entering angle 98° Lead angle -8°

2 Insert size, mm (inch)
 04 = 4 mm (.157 inch) 05 = 5 mm (.197 inch) 06 = 6 mm (.236 inch) 07 = 7 mm (.276 inch)

3 Type of operation
T = Turning TE = Turning, copying, extended f_1 dimension F = Face grooving G = Grooving GX = Pre-parting R = Profiling full radius TH = Threading B = Back boring

5 Nose radius, RE mm (Turning)
RE E.g.: 10 = 0.1 mm (.004 inch) 15 = 0.15 mm (.006 inch) 20 = 0.2 mm (.008 inch)

6 Insert width, CW mm (Grooving)
CW E.g.: 100 = 1.00 mm (.039 inch)

7 Pitch, mm (Threading)
mm: pitch x 100 inch: No. of threads per inch x 10

8 Thread profile (Threading)
VM = V-Profile 60° WH = Whitworth 55° NT = NPT 60° UN = UN 60° MM = MM 60° TR = Trapezoidal 30°

9 Min bore diameter, DMIN.
min. hole E.g.: 22 = 2.2 mm (.087 inch)

10 Penetration depth, LU
LU E.g.: 06 = 6 mm (.236 inch)

11 Type of curve (Face grooving)
A = A-curved
12 Hand of insert
R = Right hand style L = Left hand style

13 Geometry
- = Without chip forming geometry A = Chip forming geometry

CoroTurn® XS

Boring bars

CXS	A	10	-	04
1	2	3		4

Double ended boring bars

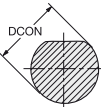
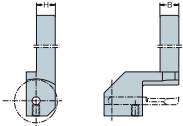
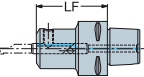
CXS	A	10	-	04	-	04
1	2	3		4		5

Shank tool

CXS	-	1010	-	04	F	N
1		6		4	10	7

Coromant Capto® holder

C4	-	CXS	-	47	-	04
8		1		9		4

1 Main code CXS = CoroTurn® XS	2 Type of bar A = Steel bar with internal coolant supply	3 Bar diameter, DCON  Metric 10 = 10 mm Inch 0500 = 1/2"
4 Insert size  04 = 4 mm (.157 inch) 05 = 5 mm (.197 inch) 06 = 6 mm (.236 inch) 07 = 7 mm (.276 inch)	5 Insert size for sub-spindle For double ended boring bars, same as 4.	6 Shank size (width and height), mm  H = 10 mm (.394 inch) B = 10 mm (.394 inch)
7 Hand of tool L = Left hand style R = Right hand style N = Neutral	9 Coromant Capto® length LF = 47 mm (1.850 inch) 	10 Shank style F = 0° 
8 Coromant Capto® size C3: DCON = 32 mm (1.260 inch) C4: DCON = 40 mm (1.575 inch) C5: DCON = 50 mm (1.968 inch) C6: DCON = 63 mm (2.480 inch)		

CoroCut® XS

Insert for parting

M	A	C	R	3	070	-	N
1	2	3	4	5	6		7

Insert for turning/grooving

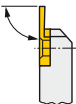
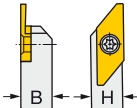
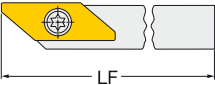
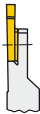
M	A	G	R	3	125
1	2	3	4	5	6

Insert for threading

M	A	T	R	3	60	-	A
1	2	3	4	5	8		9

Shank holder

S	M	A	L	R	1010	K	3	-	X
10	1	11		4	12	13	5		14

1 Family description M = 	2 Insert clearance angle A = 50° 	3 Type of operation C = Cut off/parting G = Grooving T = Threading F = Turning B = Back turning X = Semi-finishing blanks
4 Hand of insert/holder R = Right hand L = Left hand	5 Insert seat size 3	6 Insert thickness/corner radius, mm For parting insert width (CW) 070 = 0.70 mm (.028 inch) For back-turning insert corner radius (RE) 005 = 0.05 mm (.002 inch)
7 For cut off inserts (C in third position) N = Neutral with geometry T = Neutral without geometry L = Left handed with geometry R = Right handed with geometry	8 For threading inserts (T in third position) 60 = V-profile 60°	9 For threading inserts Hand of thread point N = Neutral A = Right hand C = Left hand
10 Clamping system S = Screw clamping 	11 Holder style AL = 90° 	12 Shank dimensions ex. 1010 = 10 x 10 (Metric version) ex. 08 = 1/2" x 1/2" (Inch version) 
13 Shank tool length, inch/mm C: LF = 5" K : LF = 125 mm 	14 Additional information X = Special design for working with sub-spindle 	

CoroCut® MB

Insert for turning/back boring

MB	-	07	T	093	A	-	02	-	10	R
1		2	3	4	16		5		9	12

Insert for grooving/pre-parting

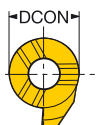
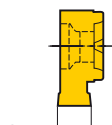
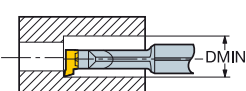
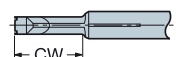
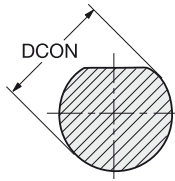
MB	-	07	G	070	-	00	-	10	R
1		2	3	6		5		9	12

Insert for threading

MB	-	07	TH	050	VM	-	10	R
1		2	3	7	8		9	12

Boring bars

MB	-	A	16	-	16	-	07	R
1		13	14		10		2	15

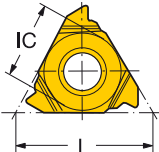
1 Main code MB = CoroCut® MB 4 Entering angle (Turning) E.g.: 093 = 93°	2 Insert size, mm (inch)  07 = 7 mm (.276 inch) 09 = 9 mm (.354 inch)	3 Type of operation B = Back boring G = Grooving GX = Pre-parting R = Profiling full radius T = Turning TE = Turning, copying, extended f_1 dimension TH = Threading FA = Face grooving A-sweep FB = Face grooving B-sweep
5 Nose radius, RE mm (Turning)  E.g.: 00 = Sharp 02 = 0.2 mm (.008 inch)	6 Insert width, CW mm (Grooving)  E.g.: 100 = 1.00 mm (.039 inch)	7 Pitch (Threading) mm: pitch x 100 inch: No. of threads per inch x 10 (TPI)
8 Thread profile (Threading) VM = V profile 60° MM = Metric 60° WH = Whitworth 55° UN = UN 60° NT = NPT 60° AC = ACME 29° SA = STUB-ACME	9 Min bore diameter, DMIN (Insert)  E.g.: 10 = 10 mm (.394 inch)	10 Penetration depth, CW (boring bar)  Inch, e.g.: e.g.: 06 = .630 inch 08 = .787 inch 12 = 1.260 inch Metric, e.g.: 16 = 16 mm
12 Hand of insert R = Right hand style L = Left hand style	14 Bar dia, DCON inch  Inch 0625 = .625 inch Metric 16 = 16 mm	15 Shank type R = Cylindrical No symbol = With flats 16 Geometry - = Without chip forming geometry A = Chip forming geometry

CoroThread® 266

B

266	R	G	-	22	TR0	1	F	600		E	
1	2	3		4	5	6	7	8	9	10	11

C

1 Main code	2 Hand of tool	3 Type of machining	4 Insert size/dimension
266 = CoroThread® 266	R = Right hand style L = Left hand style	G = Inserts for external threading L = Inserts for internal threading	16 = iC 3/8" = 9.52 mm 22 = iC 1/2" = 12.70 mm 27 = iC 5/8" = 15.88 mm 

D

5 Thread profile	6 Number of points per cutting edge
VM0 = V-profile 60° VW0 = V-Profile 55° MM0 = Metric 60° UN0 = UN 60° WH0 = Whitworth 55° NT0 = NPT 60° RN0 = Round 30° PT0 = BSPT 55° TR0 = Trapezoidal 30° AB0 = Buttress 45°-7° AC0 = ACME 29° SA0 = STUB-ACME 29° NJ0 = UNJ 60° MJ0 = MJ 60° NF0 = NPTF 60° BU0 = Buttress RD0 = API Rd 60° V38 = V-0.038R V40 = V-0.040 V50 = V-0.050	Varies from 1 to 3 points. 1 = 1 point 2 = 2 points 3 = 3 points

E

7 Cutting edge condition	8 Pitch	9 Supplementary code
A = Edge rounded (ER) F = Sharp cutting edge C = Chip forming geometry	mm: pitch x 100 Inch: number of threads per inch x 10	Taper on diameter/inch per foot (i.p.f.) 1 = 1 i.p.f. 2 = 2 i.p.f. 3 = 3 i.p.f.

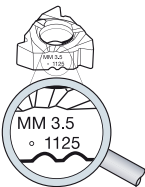
F

10 Tolerance of cutting edge position
M = ± 0.05 mm (.002 inch) axial E = ± 0.01 mm (.0004 inch) axial

G

11 Cubic boron nitride inserts
E = Edge rounded (ER)

H



1) Marking:
All inserts are marked with the profile, grade and pitch:
internal inserts are identified with a circle. To prevent erasure, the marking is laser marked on the side of the inserts.

External right hand inserts
Internal left hand inserts

External left hand inserts
Internal right hand inserts

CoroThread® 266

Shank holders, inch

266	R	FG	Z	16	4	D
1	2	4	5	6	3	11

Boring bar, inch

266	R	KF	Z	D 20	-	4
1	2	4	5	6		3

Coromant Capto cutting unit and boring bars

C5	-	266	R	FG	Z	35	060	-	22
9		1	2	4	5	10	11		3

Shank holders, metric

266	R	FG	Z	3232	-	22
1	2	4	5	6		3

Boring bar, metric

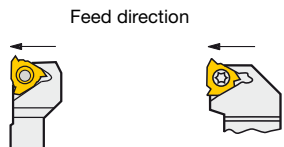
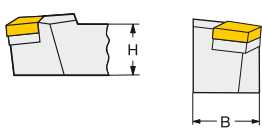
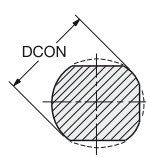
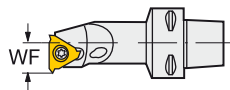
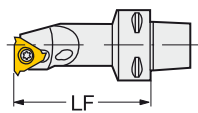
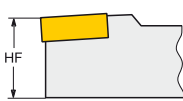
266	R	KF	Z	32	-	22	-	R	E
1	2	4	5	6		3		7	8

CoroThread® 266 SL cutting head

SL	-	266	R	KF	-	40	32	27	-	22
12		1	2	4		13	11	10		3

Cartridge

266	R	KF	-	20	C	A	-	22
1	2	4		14	15	16		3

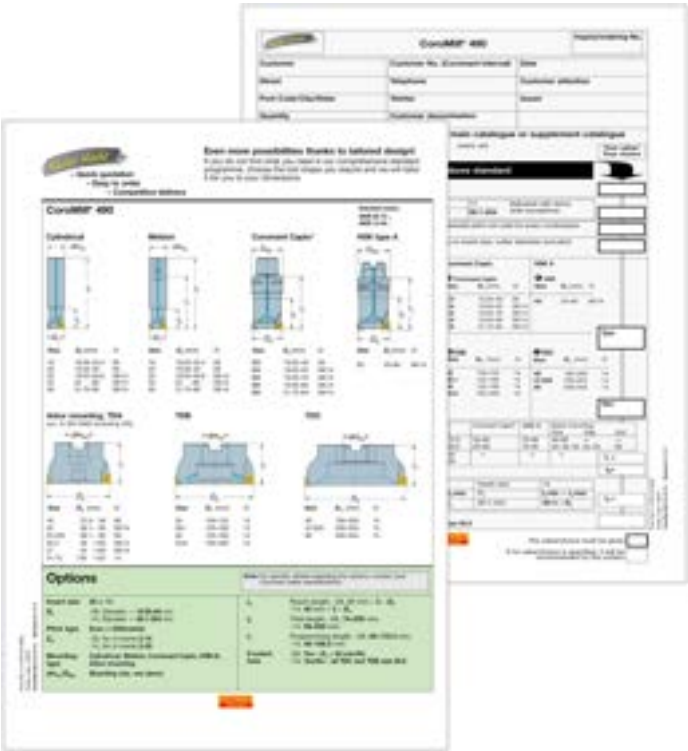
1 Main code 266 = CoroThread® 266 254 = CoroThread 254		2 Hand of tool R = Right hand style L = Left hand style		3 Insert size/dimension Shank holders Inch 3 = 3/8" = <i>iC</i> 4 = 1/2" = <i>iC</i> 5 = 5/8" = <i>iC</i> Metric 16 = <i>iC</i> 3/8" = 9.52 mm 22 = <i>iC</i> 1/2" = 12.70 mm 27 = <i>iC</i> 5/8" = 15.88 mm			
4 Type of tool and holder style External  FA FG Internal  KF				5 Holder for upside down mounting Z = Drop head design for upside down mounting Drop head design for upside down mounting			
6 Shank dimension External Inch Shank size 16 = 1 x 1" 20 = 1 1/4 x 1 1/4" 24 = 1 1/2 x 1 1/2" Metric Shank size H x B  Internal Inch Shank diameter D12 = .750" D24 = 1.500" D16 = 1.000" D32 = 2.000" D20 = 1.250" Metric Shank diameter DMM 				7 Type of shank R = Round shank			
8 Type of bar E = Carbide shank bar		9 Coromant Capto® size C = Coromant Capto® DCON = size code C3 DCON = 32 mm C4 DCON = 40 mm C5 DCON = 50 mm C6 DCON = 63 mm C8 DCON = 80 mm		10 WF dimension, mm 		11 Tool length, LF dimension, mm  Metric LF dimension in mm	
12 Cutting unit SL-System		13 SL coupling size DCON – dimension (coupling dia)		14 Cutting-edge height, HF mm 		15 Type of tool C = Cartridge 16 Type of design A = letter for alternative designs according to ISO 5611.	

Tailor Made

Additional tool options designed for your specific requirements.



In addition to our comprehensive standard program, we can offer tools to your dimensions on standard tool terms. With our Tailor Made Service, you are free to specify your own dimensions.



- What you can expect from us**
- Quick quotation
 - Easy ordering
 - Performance guarantee for given product and cutting data
 - Competitive delivery times

The Tailor Made option is available in the following product families:

Inserts – Carbide	Inserts – CBN	Inserts – PCD	Tools	Adapters
- CoroCut® 1-2 - CoroCut® QD - CoroCut® 3 - T-Max® Q-Cut - CoroThread® 266 - T-Max® U-Lock	- T-Max® P - T-Max® - CoroTurn® 107 - CoroTurn® 111 - CoroTurn® TR - CoroCut®	- CoroTurn® 107 - CoroTurn® 111 - CoroCut®	- CoroTurn® 300 - CoroTurn® TR - CoroCut® 1-2 - CoroCut® QD - CoroCut® 3 - T-Max® Q-Cut	- Coromant Capto®

...and engineered solutions

When standard and Tailor Made solutions do not fulfill your needs, you can depend on Sandvik Coromant's extensive experience in engineered tool solutions to cope with particularly demanding criteria.

Access our Tailor Made forms at www.sandvik.coromant.com

Material cross reference list

ISO	MC	CMC	Country										
			Europe	Germany	Great Britain		Sweden	USA	France	Italy	Spain	Japan	
			Standard										
			DIN EN	W.-nr.	BS	EN	SS	AISI/SAE/ASTM	AFNOR	UNI	UNE	JIS	
P	Unalloyed steel												
	P1.1.Z.AN	01.1	S235JR G2	1.0038	4360 40 C	-	1311	A570.36	E 24-2 Ne	-	-	STKM 12A;C	
	P1.1.Z.AN	01.1	S235J2 G3	1.0116	4360 40 B	-	1312	A573-81 65	E 24-U	Fe37-3	-	-	
	P1.1.Z.AN	01.1	C15	1.0401	080M15	-	1350	1015	CC12	C15C16	F.111	-	
	P1.1.Z.AN	01.1	C22	1.0402	050A20	2C/2D	1450	1020	CC20	C20C21	F.112	-	
	P1.1.Z.AN	01.1	C15E	1.1141	080M15	32C	1370	1015	XC12	C16	C15K	S15C	
	P1.1.Z.AN	01.1	C25E	1.1158	-	-	-	1025	-	-	-	S25C	
	P1.1.Z.AN	01.1	S380N	1.8900	4360 55 E	-	2145	A572-60	-	FeE390KG	-	-	
	P1.1.Z.AN	01.1	17MnV7	1.0870	4360 55 E	-	2142	A572-60	NFA 35-501 E 36	-	-	-	
	P1.1.Z.AN	02.1	55Si7	1.0904	250A53	45	2085	9255	55S7	55Si8	56Si7	-	
	P1.1.Z.AN	02.2	-	-	-	-	2090	9255	55S7	-	-	-	
	P1.2.Z.AN	01.2	C35	1.0501	060A35	-	1550	1035	CC35	C35	F.113	-	
	P1.2.Z.AN	01.2	C45	1.0503	080M46	-	1650	1045	CC45	C45	F.114	-	
	P1.2.Z.AN	01.2	40Mn4	1.1157	150M36	15	-	1039	35M5	-	-	-	
	P1.2.Z.AN	01.2	36MN5	1.1167	-	-	2120	1335	40M5	-	36Mn5	SMn438(H)	
	P1.2.Z.AN	01.2	28Mn6	1.1170	150M28	14A	-	1330	20M5	C28Mn	-	SCMn1	
	P1.2.Z.AN	01.2	C35G	1.1183	060A35	-	1572	1035	XC38TS	C36	-	S35C	
	P1.2.Z.AN	01.2	C45E	1.1191	080M46	-	1672	1045	XC42	C45	C45K	S45C	
	P1.2.Z.AN	01.2	C53G	1.1213	060A52	-	1674	1050	XC48TS	C53	-	S50C	
	P1.2.Z.AN	01.3	C55	1.0535	070M55	-	1655	1055	-	C55	-	-	
	P1.2.Z.AN	01.3	C55E	1.1203	070M55	-	-	1055	XC55	C50	C55K	S55C	
	P1.2.Z.AN	02.1	S275J2G3	1.0144	4360 43C	-	1412	A573-81	E 28-3	-	-	SM 400A;B;C	
	P1.2.Z.AN	02.1	S355J2G3+C2	1.0570	4360 50B	-	2132	-	E36-3	Fe52BFN/Fe52CFN	-	SM490A;B;C;YA;YB	
	P1.2.Z.AN	02.1	S355J2G3	1.0841	150 M 19	-	2172	5120	20 MC 5	Fe52	F-431	-	
	P1.3.Z.AN	01.3	C60E	1.0601	080A62	43D	-	1060	CC55	C60	-	-	
	P1.3.Z.AN	01.3	C60E	1.1221	080A62	43D	1678	1060	XC60	C60	-	S58C	
	P1.3.Z.AN	01.4	C101E	1.1274	060 A 96	-	1870	1095	XC 100	-	F-5117	-	
	P1.3.Z.AN	01.4	C101u	1.1545	BW 1A	-	1880	W 1	Y105	C36KU	F-5118	SK 3	
	P1.3.Z.AN	01.4	C105W1	-	BW2	-	2900	W210	Y120	C120KU	F.515	SUP4	
	P1.3.Z.AN	02.1	S340 MGC	1.0961	-	-	-	9262	60SC7	60SiCr8	60SiCr8	-	
	P1.4.Z.AN	01.1	11SMn30	1.0715	230M07	-	1912	1213	S250	CF9SMn28	11SMn28	SUM22	
	P1.4.Z.AN	01.1	11SMnPb30	1.0718	-	-	1914	12L13	S250Pb	CF9SMnPb28	11SMnPb28	SUM22L	
	P1.4.Z.AN	01.1	10SPb20	1.0722	-	-	-	-	10PbF2	CF10SPb20	10SPb20	-	
	P1.4.Z.AN	01.1	11SMn37	1.0736	240M07	1B	-	1215	S 300	CF9SMn36	12SMn35	-	
	P1.4.Z.AN	01.1	11SMnPb37	1.0737	-	-	1926	12L14	S300Pb	CF9SMnPb36	12SMnP35	-	
	P1.4.Z.AN	01.2	35S20	1.0726	212M36	8M	1957	1140	35MF4	-	F210G	-	
	P1.5.C.UT	01.1	GC16E	1.1142	030A04	1A	1325	1115	-	-	-	-	
	Steel	Low-alloy steel											
		P2.1.Z.AN	02.1	16Mo3	1.5415	1501-240	-	2912	A204Gr.A	15D3	16Mo3KW	16Mo3	-
		P2.1.Z.AN	02.1	14Ni6	1.5622	-	-	-	A350LF5	16N6	14Ni6	15Ni6	-
		P2.1.Z.AN	02.1	21NiCrMo2	1.6523	805M20	362	2506	8620	20NCD2	20NiCrMo2	20NiCrMo2	SNCM220(H)
		P2.1.Z.AN	02.1	17CrNiMo6	1.6587	820A16	-	-	-	18NCD6	-	14NiCrMo13	-
		P2.1.Z.AN	02.1	15Cr3	1.7015	523M15	-	-	5015	12C3	-	-	SCR415(H)
		P2.1.Z.AN	02.1	55Cr3	1.7176	527A60	48	-	5155	55C3	-	-	SUP9(A)
		P2.1.Z.AN	02.1	15CrMo5	1.7262	-	-	2216	-	12CD4	-	12CrMo4	SCM415(H)
		P2.1.Z.AN	02.1	13CrMo4-5	1.7335	1501-620Gr27	-	-	A182 F11;F12	15CD3.5	14CrMo4 5	14CrMo45	-
										15CD4.5			
		P2.1.Z.AN	02.1	10CrMo9 10	1.7380	1501-622 Gr.31;45	-	2218	A182 F.22	12CD9, 10	12CrMo9, 10	TU.H	-
		P2.1.Z.AN	02.1	14MoV6 3	1.7715	1503-660-440	-	-	-	-	-	13MoCrV6	-
		P2.1.Z.AN	02.1	50CoMo4	1.7228	823M30	33	2512	-	-	653M31	-	-
		P2.1.Z.AN	02.2	14NiCr10	1.5732	-	-	-	3415	14NC11	16NiCr11	15NiCr11	SNC415(H)
		P2.1.Z.AN	02.2	14NiCr14	1.5752	655M13; A12	36A	-	3415;3310	12NC15	-	-	SNC815(H)
		P2.1.Z.AN	02.1/02.2	16MnCr5	1.7131	(527M20)	-	2511	5115	16MC5	16MnCr5	16MnCr5	-
		P2.1.Z.AN	02.1/02.2	34CrMo4	1.7220	708A37	19B	2234	4137;4135	35CD4	35CrMo4	34CrMo4	SCM432;SCCRM3
		P2.1.Z.AN	02.1/02.2	41CrMo4	1.7223	708M40	19A	2244	4140;4142	42CD4TS	41CrMo4	42CrMo4	SCM 440
P2.1.Z.AN		02.1/02.2	42CrMo4	1.7225	708M40	19A	2244	4140	42CD4	42CrMo4	42CrMo4	SCM440(H)	
P2.1.Z.AN		03.11	14NiCrMo134	1.6657	832M13	36C	-	-	-	15NiCrMo13	14NiCrMo131	-	
P2.2.Z.AN		02.1	31CrMo12	1.8515	722 M 24	-	2240	-	30 CD 12	30CrMo12	F-1712	-	
P2.2.Z.AN		02.1	39CrMoV13 9	1.8523	897M39	40C	-	-	-	36CrMoV12	-	-	
P2.2.Z.AN		02.1	41CrS4	1.7039	524A14	-	2092	L1	-	105WCR 5	-	-	
P2.2.Z.AN		02.1	50NiCr13	1.2721	-	-	2550	L6	55NCV6	-	F-528	-	
P2.2.Z.AN		03.11	45WCrV7	1.2542	BS1	-	2710	S1	-	45WCrV8KU	45WCrSi8	-	
P2.2.Z.AN/P2.5.Z.HT		02.1/02.2	36CrNiMo4	1.6511	816M40	110	-	9840	40NCD3	38NiCrMo4(KB)	35NiCrMo4	-	
P2.2.Z.AN/P2.5.Z.HT		02.1/02.2	34CrNiMo6	1.6582	817M40	24	2541	4340	35NCD6	35NiCrMo6(KB)	-	-	
P2.2.Z.AN/P2.5.Z.HT		02.1/02.2	34Cr4	1.7033	530A32	18B	-	5132	32C4	34Cr4(KB)	35Cr4	SCR430(H)	
P2.2.Z.AN/P2.5.Z.HT		02.1/02.2	41Cr4	1.7035	530A40	18	-	5140	42C4	41Cr4	42Cr4	SCR440(H)	
P2.2.Z.AN/P2.5.Z.HT		02.1/02.2	32CrMo12	1.7361	722M24	40B	2240	-	30CD12	32CrMo12	F.124.A	-	
P2.2.Z.AN/P2.5.Z.HT		02.1/02.2	51CrV4	1.8159	735A50	47	2230	6150	50CV4	50CrV4	51CrV4	SUP10	
P2.2.Z.AN/P2.5.Z.HT		02.1/02.2	41CrAlMo7	1.8509	905M39	41B	2940	-	40CAD6, 12	41CrAlMo7	41CrAlMo7	-	
P2.3.Z.AN		02.1	100Cr6	1.3505	534A99	31	2258	52100	100C6	100Cr6	F.131	SUJ2	

D

H

Material cross reference list

ISO	MC	CMC	Country Europe									
			Germany	Great Britain		Sweden	USA	France	Italy	Spain	Japan	
			Standard									
		DIN EN	W.-nr.	BS	EN	SS	AISI/SAE/ASTM	AFNOR	UNI	UNE	JIS	
M	Austenitic stainless steel											
	M1.0.Z.AQ	05.11/15.11	X3CrNiMo13-4	1.4313	425C11	-	2385	CA6-NM	Z4CND13.4M Z38C13M	(G)X6CrNi304	-	SCS5
	M1.0.Z.AQ/M1.0.C.UT	05.11/15.11	X53CrMnNiN21-9	1.4871	349S54	-	-	EV8	Z52CMN21.09	X53CrMnNiN21 9	-	SUH35, SUH36
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X2CrNiN18-10	1.4311	304S62	-	2371	304LN	Z2CN18.10	-	-	SUS304LN
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X2CrNiMoN17-13-3	1.4429	-	-	2375	316LN	Z2CND17.13	-	-	SUS316LN
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X2CrNiMo17-12-2	1.4404	316S13	-	2348	316L	Z2CND17-12	X2CrNiMo1712	-	-
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X2CrNiMo18-14-3	1.4435	316S13	-	2353	316L	Z2CND17.12	X2CrNiMo17 12	-	SCS16, SUS316L
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X3CrNiMo17-7-3	1.4436	316S33	-	2343, 2347	316	Z6CND18-12-03	X8CrNiMo1713	-	-
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X2CrNiMo18-15-4	1.4438	317S12	-	2367	317L	Z2CND19.15	X2CrNiMo18 16	-	SUS317L
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X6CrNiNb18-10	1.4550	347S17	58F	2338	347	Z6CNNb18.10	X6CrNiNb18 11	F.3552 F.3524	SUS347
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X6CrNiMoTi17-12-2	1.4571	320S17	58J	2350	316Ti	Z6NDT17.12	X6CrNiMoTi17 12	F.3535	-
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X10CrNiMoNb 18-12	1.4583	-	-	-	318	Z6CNDNb17 13B	X6CrNiMoNb17 13	-	-
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X15CrNiSi20-12	1.4828	309S24	-	309	309	Z15CNS20.12	-	-	SUH309
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X2CrNiMoN17-11-2	1.4406	301S21	58C	2370	308	Z1NCDU25.20	-	F.8414	SCS17
	M1.0.Z.AQ	05.21/15.21	X1CrNiMoCuN20-18-7	1.4547	-	-	2378	S31254	Z1CNDU20-18-06AZ	-	-	-
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X9CrNi18-8	1.4310	-	-	2331	301	Z12CN17.07	X12CrNi17 07	F.3517	SUS301
	M1.0.Z.PH	05.22/15.22	X7CrNiAl17-7	1.4568 1.4504	316S111	-	-	17-7PH	Z8CNA17-07	X2CrNiMo1712	-	-
	M1.0.Z.AQ/M1.0.C.UT	05.21/15.21	X2CrNi19-11	1.4306	304S11	-	2352	304L	Z2CN18-10	X2CrNi18 11	-	-
	M1.1.Z.AQ	05.21/15.21	-	-	304S12	-	-	-	-	-	-	-
	M1.1.Z.AQ	05.21/15.21	X5CrNi18-10	1.4301	304S31	58E	2332, 2333	304	Z6CN18.09	X5CrNi18 10	F.3504 F.3541	SUS304
	M1.1.Z.AQ	05.21/15.21	X5CrNi18-10	1.4301	304S15	58E	2332	304	Z6CN18.09	X5CrNi18 10	F.3551	SUS304
	M1.1.Z.AQ	05.21/15.21	X5CrNiMo17-2-2	1.4401	316S16	58J	2347	316	Z6CND17.11	X5CrNiMo17 12	F.3543	SUS316
	M1.1.Z.AQ	05.21/15.21	X6CrNiTi18-10	1.4541	321S12	58B	2337	321	Z6CNT18.10	X6CrNiTi18 11	F.3553 F.3523	SUS321
	M1.2.Z.AQ	05.21/15.21	X8CrNiS18-9	1.4305	303S21	58M	2346	303	Z10CNF 18.09	X10CrNiS 18.09	F.3508	SUS303
	Stainless steel	Super austenitic (Ni>20%) stainless steel										
M2.0.C.AQ		20.11	G-X40NiCrSi36-18	1.4865	330C11	-	-	-	-	XG50NiCr39 19	-	SCH15
M2.0.Z.AQ		05.21/15.21	X1NiCrMoCu25-20-5	1.4539	-	-	2562	UNS V 0890A	Z2 NCDU25-20	-	-	-
M2.0.Z.AQ		05.21/15.21	X8CrNi25-21	1.4845	310S24	-	2361	310S	Z12CN25 20	X6CrNi25 20	F.331	SUH310
M2.0.Z.AQ		20.11	X12NiCrSi36 16	1.4864	-	-	-	330	Z12NCS35.16	F-3313	-	SUH330
M2.0.Z.AQ		05.23/15.23	X1NiCrMoCu31-27-4	1.4563	-	-	2584	NO8028	Z1NCNDU31-27-03	-	-	-
Duplex (austenitic/ferritic) stainless steel												
M3.1.Z.AQ/M3.1.C.AQ		05.51/15.51	X2CrNiN23-4	1.4362	-	-	2376	S31500	-	-	-	-
M3.1.Z.AQ/M3.1.C.AQ		05.51/15.51	X8CrNiMo27-5	-	-	-	2324	S32900	-	-	-	-
M3.2.Z.AQ/M3.2.C.AQ		05.52/15.52	X2CrNiN23-4	-	-	-	2327	S32304	Z2CN23-04AZ	-	-	-
M3.2.Z.AQ/M3.2.C.AQ	05.52/15.52	-	-	-	-	2328	-	-	-	-	-	
M3.2.Z.AQ/M3.2.C.AQ	05.52/15.52	X2CrNiMoN22-53	-	-	-	2377	S31803	Z2CND22-05-03	-	-	-	
Stainless steel	M1.1.Z.AQ	05.21/15.21			1.0045	Trade names						
	M1.1.Z.AQ	05.21/15.21				SANMAC 304 (Sandvik Steel)						
	M1.1.Z.AQ	05.21/15.21				SANMAC 304L (Sandvik Steel)						
	M1.1.Z.AQ	05.21/15.21				SANMAC 316 (Sandvik Steel)						
	M1.1.Z.AQ	05.21/15.21				SANMAC 316L (Sandvik Steel)						
	M1.0.Z.AQ	05.23/15.23				254 SMO						
	M2.0.Z.AQ	05.23/15.23				654 SMO						
	M3.2.Z.AQ	05.52/15.52				SANMAC SAF 2205 (Sandvik Steel)						
	M3.2.Z.AQ	05.52/15.52				SANMAC SAF 2507 (Sandvik Steel)						

A

Material cross reference list

ISO	MC	CMC	Country Europe									
			Germany	Great Britain		Sweden	USA	France	Italy	Spain	Japan	
			Standard									
			DIN EN	W.-nr.	BS	EN	SS	AISI/SAE/ASTM	AFNOR	UNI	UNE	JIS
K	Malleable cast iron											
	K1.1.C.NS	07.1	-	-	8 290/6	-	0814	-	MN 32-8	-	-	FCMB310
	K1.1.C.NS	07.1	EN-GJMB350-10	0.8135	B 340/12	-	0815	32510	MN 35-10	-	-	FCMW330
	K1.1.C.NS	07.2	EN-GJMB450-6	0.8145	P 440/7	-	0852	40010	Mn 450	GMN 45	-	FCMW370
	K1.1.C.NS	07.2	EN-GJMB550-4	0.8155	P 510/4	-	0854	50005	MP 50-5	GMN 55	-	FCMP490
					P 570/3		0858	70003	MP 60-3			FCMP540
	K1.1.C.NS	07.2	EN-GJMB650-2	0.8165	P570/3	-	0856	A220-70003	Mn 650-3	GMN 65	-	FCMP590
	K1.1.C.NS	07.3	EN-GJMB700-2	0.8170	P690/2	-	0862	A220-80002	Mn700-2	GMN 70	-	FCMP690
	Gray cast iron											
	K2.1.C.UT	08.1	-	-	-	-	0100	-	-	-	-	-
	K2.1.C.UT	08.1	EN-GJL-100	0.6010	-	-	0110	No 20 B	Ft 10 D	-	-	FC100
	K2.1.C.UT	08.1	EN-GJL-150	0.6015	Grade 150	-	0115	No 25 B	Ft 15 D	G 15	FG 15	FC150
	K2.1.C.UT	08.1	EN-GJL-200	0.6020	Grade 220	-	0120	No 30 B	Ft 20 D	G 20	-	FC200
	K2.1.C.UT	08.2	EN-GJL-250	0.6025	Grade 260	-	0125	No 35 B	Ft 25 D	G 25	FG 25	FC250
	K2.1.C.UT	08.2	EN-JLZ	0.6040	Grade 400	-	0140	No 55 B	Ft 40 D	-	-	-
	K2.2.C.UT	08.2	EN-GJL-300	0.6030	Grade 300	-	0130	No 45 B	Ft 30 D	G 30	FG 30	FC300
	K2.2.C.UT	08.2	EN-GJL-350	0.6035	Grade 350	-	0135	No 50 B	Ft 35 D	G 35	FG 35	FC350
	K2.3.C.UT	08.3	GGL-NiCr20-2	0.6660	L-NiCuCr202	-	0523	A436 Type 2	L-NC 202	-	-	-
	Nodular cast iron											
	K3.1.C.UT	09.1	EN-GJS-400-15	0.7040	SNG 420/12	-	0717-02	60-40-18	FCS 400-12	GS 370-17	FGE 38-17	FCD400
K3.1.C.UT	09.1	EN-GJS-400-18-LT	0.7043	SNG 370/17	-	0717-12	-	FGS 370-17	-	-	-	
K3.1.C.UT	09.1	EN-GJS-350-22-LT	0.7033	-	-	0717-15	-	-	-	-	-	
K3.1.C.UT	09.1	EN-GJS-800-7	0.7050	SNG 500/7	-	0727	80-55-06	FGS 500-7	GS 500	FGE 50-7	FCD500	
K3.2.C.UT	09.2	EN-GJS-600-3	0.7060	SNG 600/3	-	0732-03	-	FGS 600-3	-	-	FCD600	
K3.3.C.UT	09.2	EN-GJS-700-2	0.7070	SNG 700/2	-	0737-01	100-70-03	FGS 700-2	GS 700-2	FGS 70-2	FCD700	
K3.5.C.UT	-	EN-GJSA-XNiCr20-2	0.7660	Grade S6	-	0776	A43D2	S-NC 202	-	-	-	
Compacted graphite iron												
K4.1.C.UT	-	EN-GJV-300										
K4.1.C.UT	-	EN-GJV-350										
K4.2.C.UT	-	EN-GJV-400										
K4.2.C.UT	-	EN-GJV-450										
K4.2.C.UT	-	EN-GJV-500										
Austempered ductile iron												
K5.1.C.NS	-	EN-GJS-800-8	-	-	-	-	ASTM A897 No. 1	-	-	-	-	
K5.1.C.NS	-	EN-GJS-1000-5	-	-	-	-	ASTM A897 No. 2	-	-	-	-	
K5.2.C.NS	-	EN-GJS-1200-2	-	-	-	-	ASTM A897 No. 3	-	-	-	-	
K5.2.C.NS	-	EN-GJS-1400-1	-	-	-	-	ASTM A897 No. 4	-	-	-	-	
K5.3.C.NS	-	-	-	-	-	-	ASTM A897 No. 5	-	-	-	-	

B

C

D

E

F

G

H

Material cross reference list

ISO	MC	CMC	Country										
			Europe	Germany	Great Britain		Sweden	USA	France	Italy	Spain	Japan	
			Standard										
			DIN EN	W.-nr.	BS	EN	SS	AISI/SAE/ASTM	AFNOR	UNI	UNE	JIS	
N	Aluminum based alloys												
	N1.3.C.AG	30.21	G-AISI9MGWA	3.2373	-	-	4251	SC64D	A-S7G	-	-	C4BS	
	N1.3.C.UT	30.21	G-ALMG5	-	LM5	-	4252	GD-AISI12	A-SU12	-	-	AC4A	
	N1.3.C.UT/N1.3.C.AG	30.21/30.22	-	-	LM25	-	4244	356.1	-	-	-	A5052	
	N1.3.C.UT	-	GD-AISI12	-	-	-	4247	A413.0	-	-	-	A6061	
	N1.3.C.AG	-	GD-AISI8Cu3	-	LM24	-	4250	A380.1	-	-	-	A7075	
	N1.3.C.UT	-	G-AISI12(Cu)	-	LM20	-	4260	A413.1	-	-	-	ADC12	
	N1.3.C.UT	-	G-AISI12	-	LM6	-	4261	A413.2	-	-	-	-	
	N1.3.C.AG	-	G-AISI10Mg(Cu)	-	LM9	-	4253	A360.2	-	-	-	-	
S	Nickel based alloys												
	S2.0.Z.AG	20.22	S-NiCr13A16MoNb	LW2 4670	mar-46	-	-	5391	NC12AD	-	-	-	
	S2.0.C.UT	20.24	NiCo15Cr10MoAlTi	LW2 4674	-	-	-	AMS 5397	-	-	-	-	
	S2.0.Z.AG	20.22	NiFe35Cr14MoTi	LW2.4662	-	-	-	5660	ZSNCDT42	-	-	-	
	S2.0.Z.AG	20.22	NiCr19Fe19NbMo	LW2.4668	HR8	-	-	5383	NC19eNB	-	-	-	
	S2.0.Z.AG	20.22	NiCr20TiAk	2.4631	Hr401.601	-	-	-	NC20TA	-	-	-	
	S2.0.Z.AG	20.22	NiCr19Co11MoTi	2.4973	-	-	-	AMS 5399	NC19KDT	-	-	-	
	S2.0.Z.AG	20.22	NiCr19Fe19NbMo	LW2.4668	-	-	-	AMS 5544	NC20K14	-	-	-	
	S2.0.Z.AN	20.21	-	2.4603	-	-	-	5390A	NC22FeD	-	-	-	
	S2.0.Z.AN	20.21	NiCr22Mo9Nb	2.4856	-	-	-	5666	NC22FeDNB	-	-	-	
	S2.0.Z.AN	20.21	NiCr20Ti	2.4630	HR5.203-4	-	-	-	NC20T	-	-	-	
	S2.0.Z.AG	20.22	NiCu30AL3Ti	2.4375	3072-76	-	-	4676	-	-	-	-	
	Cobalt base												
	-	-	CoCr20W15Ni	-	-	-	-	5537C, AMS	KC20WN	-	-	-	
	S3.0.Z.AG	20.32	CoCr22W14Ni	LW2.4964	-	-	-	5772	KC22WN	-	-	-	
	Titanium alloys												
	S4.2.Z.AN	23.22	TiAl5Sn2.5	3.7115.1	TA14/17	-	-	UNS R54520	T-A5E	-	-	-	
	S4.2.Z.AN	23.22	TiAl6V4	3.7165.1	TA10-13/TA28	-	-	UNS R56401	UNS R56400	-	-	-	
	S4.3.Z.AN	23.22	TiAl5V5Mo5Cr3	-	-	-	-	-	T-A6V	-	-	-	
	S4.2.Z.AN	23.22	TiAl4Mo4Sn4Si0.5	3.7185	-	-	-	-	-	-	-	-	
	Heat resistant super alloys	Trade names											
		Iron-based alloys											
		S2.0.Z.UT/S2.0.Z.AN	20.11	Incoloy 800									
		Nickel based alloys											
		S2.0.Z.AN	20.2	Haynes 600									
		S2.0.Z.AN	20.2	Nimocast PD16									
		S2.0.Z.AG	20.2	Nimonic PE 13									
		S2.0.Z.AG	20.2	Rene 95									
		S2.0.Z.AN	20.21	Hastelloy C									
S2.0.Z.AN		20.21	Incoloy 825										
S2.0.Z.AN		20.21	Inconel 600										
S2.0.Z.AN		20.21	Monel 400										
S2.0.Z.AG		20.22	Inconel 700										
S2.0.Z.AG		S2.0.Z.AG	Inconel 718										
S2.0.Z.AG		20.22	Mar – M 432										
S2.0.Z.AG		20.22	Nimonic 901										
S2.0.Z.AG		20.22	Waspaloy										
S2.0.C.NS		20.24	Jessop G 64										
Cobalt base													
S3.0.Z.AG		20.3	Air Resist 213										
S3.0.Z.AG		20.3	Jetalloy 209										
H	Hardened materials												
	H1.2.Z.HA	04.1	X100CrMo13	1.4108	-	-	2258 08	440A	-	-	-	C4BS	
	H1.3.Z.HA	04.1	X110CrMoV15	1.4111	-	-	2534 05	610	-	-	-	AC4A	
	H1.2.Z.HA	04.1	X65CrMo14	-	-	-	2541 06	0-2	-	-	-	AC4A	

For the sake of the environment

Get into the Coromant Recycling Concept (CRC) now!

The Coromant Recycling Concept (CRC) is a comprehensive service for used carbide inserts (including CBN and PCD if "carrier" is cemented carbide) and solid carbide tools offered by Sandvik Coromant to all its customers.

In the light of increasing consumption of non-renewable raw materials, the economic management of dwindling resources is a duty owed by all manufacturers.

Sandvik Coromant is playing its part by offering to collect used carbide inserts and solid carbide tools and recycle them in the most environmentally friendly way.

All used hard-metal inserts are collected in the collection box at the workplace.

When the collection box is sufficiently full, its contents are transferred to the transport box.

The full transport box is then sent to the nearest Sandvik Coromant office or to your Coromant dealer who can also give you more information.



The benefits of the CRC speak for themselves

- A one-stop worldwide recycling system.
- For direct and trade customers.
- Simple procedure with collection and transport boxes.
- Less waste, easing the burden on the environment.
- Better utilisation of resources.
- Other manufacturers' carbide inserts are also accepted.

Order collection boxes for each lathe, milling machine, drill or for your machining center. We recommend one collection box for inserts and one separate box for solid carbide tools for each cutting workplace.

For detailed instructions on how to sell your used cemented carbide, please visit www.sandvik.coromant.com and select your market.

Collection box:

Transport box for solid carbide tools (wooden):

Transport box inserts (wooden):

Order numbers

91617

92994

92995

Safety information

Material composition

Tool holders

Tool holders mainly contain iron (FE), and low alloy elements such as chromium, nickel, manganese, molybdenum and silicon.

Indexable inserts/cutting tools/round tools

Substances in cemented carbide products contain mostly wolfram carbide and cobalt. They may also contain carbides and carbonitrides of the following elements: titanium, tantalum, niobium, chromium, molybdenum and vanadium.

Routes of exposure

Grinding or heating of hard metal blanks or hard metal products will produce dust or fumes with dangerous ingredients that can be inhaled, swallowed or come in contact with the skin or eyes.

Acute toxicity

The dust is toxic by inhalation. Inhalation may cause irritation and inflammation of the airways. Significantly higher acute inhalation toxicity has been reported during simultaneous inhalation of cobalt and tungsten carbide compared to inhalation of cobalt alone. Skin contact can cause irritation and rash. Personnel whose skin is sensitive may experience an allergic reaction.

Chronic toxicity

Repeated inhalation of aerosols containing cobalt may cause obstruction in the airways. Prolonged inhalation of increased concentrations may cause lung fibrosis or lung cancer. Epidemiological studies indicate that workers exposed in the past to high concentrations of tungsten carbide/cobalt carried an increased risk of developing lung cancer.

Cobalt and nickel are potent skin sensitizers. Repeated or prolonged contact can cause irritation.

Risk phrases

Toxic: danger of serious damage to health by prolonged exposure through inhalation

Toxic by inhalation

Limited evidence of a carcinogenic effect.

May cause sensitization by inhalation and skin contact

Preventive measures

Avoid formation and inhalation of dust. Use adequate local exhaust ventilation to keep personal exposure well below the nationally authorised limits.

If ventilation is not available or adequate, use respirators nationally approved for the purpose.

Use safety goggles or glasses with side shields when necessary.

Avoid repeated skin contact. Wear suitable gloves. Wash skin thoroughly after handling.

Use suitable protective clothing. Launder clothing as needed.

Do not eat, drink or smoke in the working area. Wash skin thoroughly before eating, drinking or smoking.



Conversion table

B	Metric to imperial	Imperial to metric
	Distance	Distance
	1 meter = 39.370 inch	1 inch = 25.4 millimeter
	1 meter = 3.281 feet	1 foot = 0.3 meter
	1 millimeter = 0.039 inch	1 foot = 304.8 millimeter
	Weight	Weight
	1 kilogram = 2.205 pounds	1 pound = 0.45 kilogram
	1 kilogram = 35.274 ounces	1 ounce = 28.35 gram
C	Torque	Torque
	1 Newton meter (Nm) = 0.738 pound-force feet (ft-lbs)	1 pound-force foot (ft-lbf) = 1.4 Newton meter (Nm)
	1 Newton meter (Nm) = 8.851 pound-force inches (in-lbs)	1 pound-force inch (in-lbf) = 0.1 Newton meter (Nm)

Formulas and definitions:

D	Metric	Imperial
v_c = Cutting speed	m/min (meter/minute)	ft/min (feet/minute)
n = Spindle speed	rpm (revolution per minute)	
v_f = table feed	mm/min	inch/min
z_n = total number of cutting edges		
z_c = number of effective cutting edges		
f_z = feed per tooth	mm/z	inch/z
f_n = Feed per revolution	mm/rev	inch/rev
h_{ex} = maximum thickness	mm	inch
a_p = Cutting depth	mm	inch
l_a = insert width	mm	inch
a_e = cutting width	mm	inch
a_e/D_c % = Radial immersion	%	%
T = Machining time	min	min
Q = Metal removal rate	cm ³ /min	inch ³ /min
n_{ap} = number of passes		
TPI = threads per inch		
k_c = specific cutting force	N/mm ²	lbs/in ²
R_a = Surface roughness	μm	μin

G	Insert size
	iC = inscribed circle in inch
	 = cutting edge length in mm

A new standard is developed

ISO 13399 is an international standard that strives to simplify the exchange of data for cutting tools. You will notice a slight difference through the new parameters and descriptions of each tool.

For the first time ever, there is a standardized way of describing product data regarding cutting tools. When all tools in the industry share the same parameters and definitions, communicating tool information between software systems becomes very straightforward.

How this benefits you

Basically, it means that your systems can talk to ours, as they all speak the same language. Download product data from our web site and use it directly in your CAD/ CAM software to assemble tools that you use in production. No need to look for information in catalogs and interpret data from one system to another. Imagine how much time this will save you!

Short name	Preferred Name
ADJLX	Maximum adjustment limit
ADJRG	Adjustment range
ALP	Axial clearance angle
AN	Clearance angle major
ANN	Minor clearance angle
APMX	Depth of cut maximum
B	Shank width
BAWS	Workpiece side body angle
BAMS	Body angle machine side
BBD	Balanced by design
BBR	Balanced by rotational test
BCH	Corner chamfer length
BD	Body diameter
BHTA	Body half taper angle
BN	Face land width
BS	Wiper edge length
BSG	Basic standard group
BSR	Wiper edge radius
CDX	Cutting depth maximum
CF	Spot chamfer
CHBA	Chamfer body angle
CHBL	Chamfer body length
CHW	Corner chamfer width
CHWL	Corner chamfer width, left hand
CHWR	Corner chamfer width, right hand
CICT	Cutting item count
CND	Coolant entry diameter
CNSC	Coolant entry style code
CNT	Coolant entry thread size
COATING	Coating
CP	Max coolant pressure
CRKS	Connection retention knob thread size
CRNT	Coolant radial entry thread size
CTPT	Operation type
CUTDIA	Work piece parting diameter maximum
CW	Cutting width
CWN	Minimum cutting width
CWTOLL	Cutting width lower tolerance
CWTOLU	Cutting width upper tolerance
CWX	Cutting width maximum
CXSC	Coolant exit style code
CZC	Connection size code
CZC _{MS}	Connection size code machine side
CZC _{WS}	Connection size code workpiece side
D1	Fixing hole diameter
DAH	Diameter access hole
DAXIN	Axial groove inside diameter minimum
DAXN	Minimum axial-groove outside diameter
DAXX	Maximum axial groove outside diameter
DBC	Diameter bolt circle

A	GENERAL INFORMATION		ISO 13399
B	DC	Cutting diameter	
	DCB	Connection bore diameter	
	DCBN	Connection bore diameter minimum	
	DCBX	Connection bore diameter maximum	
C	DCF	Cutting diameter face contact	
	DCN	Minimum cutting diameter	
	DCON	Connection diameter	
	DCON _{MS}	Connection diameter machine side	
	DCON _{WS}	Connection diameter work piece side	
	DCSF _{MS}	Contact surface diameter machine side	
	DCSF _{WS}	Workpiece side contact surface diameter	
	DCX	Maximum cutting diameter	
	DIX	Maximum tool changer interference diameter	
	DMIN	Minimum bore diameter	
D	DMM	Shank diameter	
	DN	Neck diameter	
	DSGN	Design	
	EPSR	Insert included angle	
	FHA	Flute helix angle	
	FLGT	Flange thickness	
	FTDZ	For thread diameter size	
	GB	Face land angle	
	H	Shank height	
	HA	Thread height theoretical	
	HB	Thread height difference	
	HBH	Head bottom offset height	
	HBL	Head bottom offset length	
	HC	Actual thread height	
	HF	Functional height	
E	HRY	Lowest point from reference plain	
	HTB	Body height	
	HTH	Height	
	IC	Inscribed circle diameter	
	INSL	Insert length	
	INSUC	Insert usage code	
	IZC	Insert size code	
	KAPR	Tool cutting edge angle	
	KCH	Corner chamfer	
	KCHL	Corner chamfer, left hand	
	KCHR	Corner chamfer, right hand	
	KRINS	Major cutting-edge angle	
	KWW	Keyway width	
	L	Cutting edge length	
	LAMS	Inclination angle	
F	LB	Body length	
	LCF	Chip flute length	
	LCOX	Cut off length maximum	
	LE	Cutting edge effective length	
	LF	Functional length	
	LH	Head length	
	LPR	Protruding length	
	LS	Shank length	
	LSC	Clamping length	
	LSCN	Minimum clamping length	
	LSCS	Distance to clamping start	
	LSCX	Maximum clamping length	
	LSD	Dead shank length	
	LU	Usable length (max. recommended)	
	LUX	Usable maximum length	
G	MHD	Mounting hole distance	
	MIID	Master insert identification	
	MMCC	Code for preset torque	
	MMCX	Max cutting torque	
	NOF	Flute count	
	NT	Tooth count	
	OAH	Overall height	
	OAL	Overall length	
	OAW	Overall width	
	OH	Overhang recommended	
H	OHN	Minimum overhang	
	OHX	Maximum overhang	
	ORDCODE	Order code	

PCL	Peripheral cylindrical length
PDX	Profile distance ex
PDY	Profile distance ey
PHD	Premachined hole diameter
PHDX	Maximum premachined hole diameter
PL	Point length
PNA	Profile included angle
PRFRAD	Profile radius
PRSPC	Profile specification
PSIR	Tool lead angle
PSIRL	Major left hand cutting edge angle
PSIRR	Major right hand cutting edge angle
RADH	Radial body height
RADW	Radial body width
RAR	Right-hand relief angle
RE	Corner radius
REEQ	Corner radius equivalent
REL	Corner radius left
RER	Corner radius right
RETOLL	Corner radius lower tolerance
RETOLU	Corner radius upper tolerance
RGL	regrind length
RMPX	Maximum ramping angle
RPMX	Rotational speed maximum
S	Insert thickness
SDL	Step diameter length
SIG	Point angle
SPTL	Split line
SSC	Insert seat size code
STA	Step included angle
STDNO	Standard number
SUBSTRATE	Substrate
TCDC	Tolerance class cutting diameter
TCDMM	Shank diameter tolerance
TCHA	Achievable hole tolerance
TCHAL	Achievable hole tolerance lower
TCHAU	Achievable hole tolerance upper
TCT	Tolerance class tool
TCTR	Thread tolerance class
TD	Thread diameter
TDZ	Thread diameter size
TFLA	Tap floating length ahead
TFLB	Tap floating length behind
TG	Taper gradient
THCA	Thread helix correction angle
THCHT	Threading chamfer type
THFT	Thread form type
THFTS	Thread form standard series
THL	Thread length
THUB	Hub thickness
TP	Thread pitch
TPI	Threads per inch
TPIN	Minimum threads per inch
TPIX	Maximum threads per inch
TPN	Minimum thread pitch
TPX	Maximum thread pitch
TQ	Torque
TSYC	Tool style code
TTP	Thread type
ULDR	Usable length diameter ratio
VCX	Maximum cutting speed
W1	Insert width
WB	Body width
WF	Functional width
WFCIRP	Width to cutting item reference point
WSC	Clamping width
WT	Weight of item
ZEFF	Face effective cutting edge count
ZEFP	Peripheral effective cutting edge count (ZEFP)
ZWX	Maximum number of Wiper inserts

Code	Page	Code	Page	Code	Page
131...-B	G5	266RL...NT..F	C30	935-Lxx-EFxx	F50
132L	G5	266RL...PT..A	C33	935-VDIxx-EFxx	E7
132L...-B	G4	266RL...RD..A	C46	A	
132P...-B	G4	266RL...RD..C	C46	A..PCLNR/L..HP	A288
151.2	E12	266RL...RN..A	C36	A..PDUNR/L..HP	A289
254R/LG	B150	266RL...RN..F	C36	A..PSKNR/L..HP	A290
254R/LKF	B151	266RL...SA..A	C44	A..PTFNR/L..HP	A291
266LG...AC..F	C41	266RL...TR..F	C40	A..SCLCR/L	A122-A123
266LG...MJ..A	C37	266RL...UN..A	C21-C22	A..SCLCR/L -R	A121
266LG...MM..A	C12	266RL...UN..C	C21	A..SCLCR/L..HP	A120
266LG...NT..A	C31	266RL...UN..F	C21	A..SCLCR/L..HP-R	A119
266LG...PT..A	C32	266RL...V38..A	C45	A..SDQCR/L	A131
266LG...RN..A	C35	266RL...V40..A	C45	A..SDQCR/L -R	A130
266LG...SA..F	C43	266RL...V50..A	C45	A..SDQCR/L..HP	A127
266LG...TR..F	C39	266RL...VM..A	C6	A..SDQCR/L..HP-R	A125
266LG...UN..A	C20	266RL...VM..C	C6	A..SDUCR/L	A129
266LG...VM..A	C5	266RL...VM..F	C6	A..SDUCR/L -ER	A128
266LG...VW..A	C7	266RL...VW..A	C8	A..SDUCR/L -R	A128
266LG...WH..A	C26	266RL...VW..C	C8	A..SDUCR/L..HP	A126
266LL...AC..F	C42	266RL...VW..F	C8	A..SDUCR/L..HP-R	A124
266LL...MM..A	C16	266RL...WH..A	C27-C28	A..SDUCR/L..RX	A153
266LL...NT..A	C31	266RL...WH..C	C27	A..SDUCR/L..X	A154
266LL...PT..A	C33	266RL...WH..F	C27	A..SDXCR/L	A131
266LL...RN..A	C36	3021 012	G7	A..SDXCR/L-R	A130, A132
266LL...SA..A	C44	3-80-L4	A17	A..SRDDN	A133
266LL...TR..F	C40	3-80-M5	A17	A..SRDDN-R	A133
266LL...UN..A	C23	3-80-M5W	A17	A..SRXDR/L-R	A133
266LL...VM..A	C6	392.T...SL70R/LF	F35	A..SSKCR/L	A135
266LL...VW..A	C8	392.T...SL70R/LG	F35	A..SSKCR/L-R	A134
266LL...WH..A	C28	392.T...SL70R/LX	F35	A..STFCR/L	A140-A141
266R/LFA	C54	392.T...SLxxR/LF	F33	A..STFCR/L..HP	A137
266R/LFG	C52	392.T...SLxxR/LG	F33	A..STFCR/L..HP-R	A136
266R/LFGZ	C53	392.T...SLxxR/LX	F33	A..STFCR/L-R	A138
266R/LKF	C60-C61	392.T63-131	F38	A..STUCR/L	A139
266R/LKF-R	C59	5680 021	G7	A..SVPBR/L	A152
266R/LKF-RE	C59	5692 063	G7	A..SVPBR/L..HP	A147
266RG...AC..F	C41	5693 066	G7	A..SVPBR/L..HP-R	A144
266RG...BU..A	C47	5693 067	G7	A..SVQBR/L	A152
266RG...MJ..A	C37	5693 068	G7	A..SVQBR/L -R	A149
266RG...MM..A	C9-C11	570	F56	A..SVQBR/L..HP-D	A146
266RG...MM..C	C9	570..580-80	F58	A..SVQCR/L	A150
266RG...MM..F	C9	570-200	F60	A..SVQCR/L-ER	A148
266RG...NF..A	C34	570-2C	F45, F49	A..SVUBR/L	A151
266RG...NJ..A	C38	570-3C	F75, F77-F80	A..SVUBR/L -ER	A149
266RG...NT..A	C29	570-4..RA	F56	A..SVUBR/L..HP-D	A145
266RG...NT..C	C29	570-4C	F76	A..SVUBR/L..HP-DR	A143
266RG...PT..A	C32	570-80	F57-F58, F60	A..SVUBR/L..HP-E	A145
266RG...RD..A	C46	570C-SVUBR/L	A176	A..SVUCR/L	A150
266RG...RN..A	C35	570C-TLER/L	B162	A..SVUCR/L -ER	A148
266RG...RN..F	C35	570-DCLNR/L	A293-A294	A570-2C	F45, F49
266RG...SA..F	C43	570-DDUNR/L	A296-A297, A304-A305	A570-3C	F75, F77-F79
266RG...TR..F	C39	570-DDXNR/L	A296-A297	A570-4C	F76
266RG...UN..A	C17-C19	570-DSKNR/L	A298-A299	APBA-R/L-VDI..HP	E9
266RG...UN..C	C17	570-DTFNR/L	A301-A302	APBR/L-VDI..HP	E9
266RG...UN..F	C17-C18	570-DVUNR/L	A303, A306-A307	ASHA-R/L-VDI..HP	E8
266RG...V38..A	C45	570-SCLCR/L	A166	ASHN-VDIxx..HP	E8
266RG...V40..A	C45	570-SDUCR/L	A169-A170, A181	B	
266RG...V50..A	C45	570-SDXCR/L	A169	BA-R/LGC	E11
266RG...VM..A	C5	570-STFCR/L	A173	C	
266RG...VM..C	C5	570-SVLBR/L	A175, A177	C..STFCR/L	A142
266RG...VM..F	C5	570-SVPBR/L	A175	C10-R/LC2095	E17
266RG...VW..A	C7	570-SVQCR/L	A176	CCBNR/L	A317
266RG...VW..C	C7	570-SVUCR/L	A176, A182	CCET-UM	A43
266RG...VW..F	C7	570-xxNG	F41	CCGT-UM	A44
266RG...WH..A	C24-C25	570-xxR/L123..B	B47, B58-B61	CCGW	A47-A48
266RG...WH..C	C24	570-xxR/L123..C	B48	CCGX	A44, A46
266RG...WH..F	C24	570-xxR/L123T..B	B127	CCLNR/L	A317
266RL...AC..A	C42	570-xxR/L123U..B	B127	CCMT	A42-A45
266RL...AC..F	C42	570-xxR/L151.3	B141-B143	CCMW	A47,
266RL...BU..A	C47	570-xxR/LF	F40	CCNR/L	A317
266RL...MM..A	C13-C15	570-xxR/LF-J/N	F40	CDJNR/L	A318
266RL...MM..C	C13	570-xxR/LSMAL	B133	CDNNR/L	A318
266RL...MM..F	C13	935-Cx-EFAxx	F27	CNGA	A194-A197
266RL...NF..A	C34	935-Cx-EFxx	F27	CNGG	A186
266RL...NT..A	C30	935-HTxx-EFxx	F37	CNGM	A197
266RL...NT..C	C30	935-LAxx-EFAxx	F50	CNGN	A309

Code	Page	Code	Page	Code	Page
CNGQ	A195-A196	Cx-CSRNR/L	A334	Cx-STFCR/L	A114-A115
CNGX	A195	Cx-CSSNR/L	A335	Cx-SVHBR/L	A79, A81
CNGX	A193, A197	Cx-CTLHOR/L	B160	Cx-SVJBR/L	A78, A81
CNMA	A191, A194	Cx-CXS	F30	Cx-SVMBR/L	A80, A82
CNMG	A186-A193	Cx-DCKNR/L	A232	Cx-SVQBR/L	A116-A117
CNMM	A190	Cx-DCLNR/L	A231	Cx-SVUBR/L..HP	A77
CNMX	A193	Cx-DCMNN	A230	Cx-SVVBN	A79, A81
CP-25BR/L	A10	Cx-DCRNR/L	A233	CXS-xxB090..R/L	A339
CP-30AR/L	A11	Cx-DDHNR/L	A242	CXS-xxG	B165-B169
CP-A	A4	Cx-DDJNR/L	A241	CXS-xxGX	B164
CP-B	A4	Cx-DDMNR/L	A238	CXS-xxR	B172
CRDCN	A321	Cx-DDNNN	A240	CXS-xxT045..R/L	A345
CRDCR/L	A321	Cx-DDUNR/L	A239	CXS-xxT090..R/L	A341-A342
CRDNN	A322	Cx-DRSNR/L	A244	CXS-xxT098..R/L	A340-A344
CRGNR/L	A320	Cx-DSDNN	A250	CXS-xxT140..R/L	A345
CRSNR/L	A322	Cx-DSKNR/L	A252	CXS-xxTE98..R/L	A342-A344
CSBNR/L-4	A324	Cx-DSRNR/L	A251	CXS-xxTH	C81-C86
CSBPR/L	A328	Cx-DSSNR/L	A253	Cx-T-A11B11L	A9
CSDNN	A323-A325	Cx-DTJNR/L	A254	Cx-TB-CN12CN12	D6
CSDPN	A328	Cx-DVJNR/L	A256	Cx-T-DC	D3
CSDPR/L	A328	Cx-DVMNR/L	A255	Cx-TLER/L	B157
CSGX..E	A316	Cx-DVVNN	A257	Cx-TLSR/L	B157
CSKNR/L	A324	Cx-DWLNR/L	A258	Cx-TR-D13JCR/L..C	A24
CSKPR/L	A328	Cx-NC2000	E14	Cx-TR-D13NCN..C	A24
CSRNR/L	A324-A325	Cx-NC3000	E15	Cx-TR-V13HBR/L..C	A27
CSSNR/L	A323, A325	Cx-NC3000-V	E4	Cx-TR-V13JBR/L..C	A26
CTDPR/L	A329	Cx-NF123..B	B30	Cx-TR-V13UBR/L..C	A27
CTFPR/L	A329	Cx-PCLNR/L..HP	A228-A229, A284	Cx-TR-V13VBN..C	A26
CTGPR/L	A329	Cx-PCMNN..HP	A228	D	
CTTPR/L	A329	Cx-PDJNR/L..HP	A235-A236	DCBNR/L	A263
CU-3C..-Cx	F74	Cx-PDMNR/L..HP	A234	DCET-UM	A50
Cx-131	F29	Cx-PDUNR/L..HP	A237, A285	DCGT-UM	A50
Cx-266R/L	C49-C51, C57-C58	Cx-PMU-I50	G14	DCGW	A52
Cx-266RS..HP	C48	Cx-PRSCR/L	A243, A245	DCGX-AL	A51
Cx-3-80-LR/L	A18	Cx-PSDNN..HP	A248	DCKNR/L	A262
Cx-3-80-MN	A19	Cx-PSKNR/L..HP	A247, A286	DCLNR/L	A260-A261
Cx-391.01	F3-F4, G6	Cx-PSRNR/L..HP	A246	DCMT	A49-A51
Cx-391.02	F5-F8	Cx-PSSNR/L..HP	A249	DCMW..FP	A52
Cx-391.27	F29	Cx-PTFNR/L..HP	A287	DCMX	A49-A50
Cx-4-SL..AX	F19	Cx-QC-Cx..R	F8	DDHNR/L	A265
Cx-570..NG	F11	Cx-QC-SL	F55	DDJNR/L	A266-A267
Cx-570..R/LF	F10	Cx-QD-R/LF..C..A	B80	DDNNN	A268
Cx-570..R/LF-T	F18	Cx-QFT	B101	DNGA	A204-A206
Cx-570..R/LG	F15	Cx-QFU	B102	DNGG-SGF	A199
Cx-570..R/LG-040	F16	Cx-R/L166.0KF	C71	DNGM	A206
Cx-570..R/LG-045	F16	Cx-R/L166.0KFZ	C71	DNGN..T	A310
Cx-570..R/LGM	F15	Cx-R/LC	E5	DNGQ	A205
Cx-570..R/LG-MZ	F16	Cx-R/LC2080	E13	DNMA-KR	A202
Cx-570..R/LX	F17	Cx-R/LC2085	E13	DNMG	A198-A203
Cx-570..R/LX-L1	F17	Cx-R/LC2090	E17	DNMM	A202
Cx-570..R/LX-T	F18	Cx-R/LC2095	E17	DNMX	A198, A200
Cx-570..RG-040-MS	F16	Cx-R/LC20xxA	E3	DRSNR/L	A270
Cx-570-2C	F12-F14	Cx-R/LC20xxS	E2	DSBNR/L	A273
Cx-570-3C	F62-F65, F68, F70	Cx-R/L-Cx-R/L	F9	DSDNN	A271
Cx-570-4C	F66	Cx-R/LF123..B	B28-B29	DSKNR/L	A272
Cx-ABB	F28	Cx-R/LF123..C..E	B26-B27	DSRNR/L	A273
Cx-APBA..HP	F31	Cx-R/LF123..CE..B	B49-B50	DSSNR/L	A274
Cx-APBR/L..HP	F31	Cx-R/LF123T/U..BM	B125	DTJNR/L	A276
Cx-ASHA	F23	CXS..F..AR/L	B170	DVJNR/L	A278
Cx-ASHR/L	F24-F26	CXS..F..BR/L	B171	DVPNR/L	A278
Cx-ASHS..HP	F25	CXS..FN	F42	DVVNN	A278
Cx-CCLNR/L	A330	CXS-A	F51-F52	DWLNR/L	A279
Cx-CCNR/L	A330	Cx-SCLCR/L	A69-A70, A109-A110	E	
Cx-CDJNR/L	A331	Cx-SCMCN	A70	E..SCLCR/L	A155-A156
Cx-CP..AR/L	A5	Cx-SDJCR/L	A71-A72	E..SDUCR/L	A157-A158
Cx-CP..BR/L	A7	Cx-SDNCN	A72	E..STFCR/L	A159-A160
Cx-CP-70BR/L	A8	Cx-SDUCR/L	A111-A112, A118	E..STUCR/L..-GR	A161
Cx-CP-75AR/L	A6	CXS-Exx-X	F51	E..SVQCR/L -ER	A162
Cx-CP-A-25BR/L	A8	Cx-SL..-R/LF	F10	E..SVUCR/L-ER	A162
Cx-CP-A-30AR/L	A6	Cx-SL-2C	F19	EF-Axx	G3
Cx-CRDCN	A332	Cx-SL3C	F67-F68	EF-xx	G3
Cx-CRSCR/L	A332	Cx-SL70-R/LF	F20-F22	F	
Cx-CRSNR/L	A333	Cx-SL-D..E	F69	F..SDUCR/L -ER	A163
Cx-CSDNN	A334	Cx-SRDCN	A74-A75	F..STFCR/L-R	A164
Cx-CSKNR/L	A334	Cx-SRSCR/L	A73, A76	H	
		Cx-SSKCR/L	A113	HTxx..SLxxN	F34

Code	Page	Code	Page	Code	Page
HTxx..SLxxR/L	F34	N151.3-A..-4G	B136	QFU-TF	B98
HTxx-APBR/L..HP	F38	NF123..B	B37	QS-266R/LFA..C	C55
HTxx-ASHA..AHP	F36	NF123..BM	B62	QS-3-80-LR/L	A20
HTxx-ASHA..HP	F36	P		QS-CP..AR/L	A13
HTxx-ASHR/L..HP	F36	PCLNR/L..HP	A259	QS-CP..BR/L	A12
HTxx-ASHR/L45..HP	F36	PDJNR/L..HP	A264	QS-PCLNR/L	A280
HTxx-SLxxD	F72	PRDCN	A269	QS-PDJNR/L	A281
HTxx-SLxxD..R	F72	PRGCR/L	A269	QS-PSSNR/L	A282
L		PTGNR/L..HP	A275	QS-QD-R/LF..C..D	B86
L123T3-CS	B120	PVJNR/L..HP	A277	QS-R/LF123..C..E	B39-B40
L123U3-CS	B121	Q		QS-R/LF123..C..E..-B	B55
L123x1-RE	B24	QD-L..-CM	B74	QS-R/LF123..C..E..B	B56
L123x1-RO	B22	QD-L..-CO	B75	QS-R/LF123..C..F	B41
L123x1-RS	B25	QD-LL..A	B95	QS-R/LG123..C..E..B	B57
L123x2-CF	B5	QD-LL..C..A	B91	QS-SCLCR/L..C	A103
L123x2-CM	B6	QD-LL..C..D	B91	QS-SDJCR/L..C	A104
L123x2-CR	B7	QD-LL..D	B95	QS-SMALR/L..X..HP	B132
L123x2-CS	B8	QD-LR..A	B95	QS-SSDCR/L..C	A105
L166.0L..MM	C67	QD-LR..C..A	B91	QS-SVJBR/L..C	A106
L166.0L..UN	C68	QD-LR..C..D	B91	QS-TR-D..JCN..HP	A31
L166.0L..VM	C65	QD-LR..D	B95	QS-TR-D..JCR/L..HP	A31
L166.0L..VW	C66	QD-N..-CF	B73	QS-TR-V..N..HP	A32
L166.0L..WH	C69	QD-N..-CL	B73	QS-TR-V..R/L..HP	A32
M		QD-N..-CM	B74	R	
M..Cx-390	D8	QD-N..-CO	B75	R/L166.0KF	C73
MABR/L	A347	QD-N..-CR	B76	R/L166.0KF..B	C73
MACR/L	B129-B130	QD-N..-GM	B77	R/L166.0KF..C	C72
MAFR/L	A347	QD-N..-RM	B79	R/L166.0KF..E	C72
MAGR/L	B131	QD-N..-TF	B78	R/L176.9	A319
MAPL	B131	QD-N..-TM	B78	R/L566.0KFC	C74
MATL	C76-C77	QD-N/R/L1..A	B92	R/LAF151.37	B148
MATR	C76-C79	QD-N/R/L2..A	B92	R/LAG123..B	B68-B69
MB..Axx-HP	F53	QD-N/R/L2..C..A	B87	R/LAG123..B-R	B67
MB..Exx	F53	QD-N/R/L2..C..D	B88	R/LAG151.32	B145-B147
MB..Exx..R	F46	QD-NN1..A	B92	R/LAG551.31	B144
MB..FA	B178	QD-NN1..C..A	B87	R/LAX123..B-020	B70
MB..FAR	B179	QD-NN2..A	B92	R/LF123..B	B32-B35
MB..FB	B178	QD-NN2..C..A	B87	R/LF123..B..B	B51-B52
MB..FBR	B179	QD-NR/L1..C..A	B87	R/LF123..B1	B43-B44
MB..G	B175-B177	QD-NR/L2..C..A	B87	R/LF123..B-S	B36
MB..GX	B174	QD-NR1..C..D	B88	R/LF123..C	B45
MBG	F43	QD-NR2..D	B93	R/LF123..C..E	B31
MB-xxTH	C88-C93	QD-R..-CM	B74	R/LF123..D	B38
N		QD-R..-CO	B75	R/LF123T/U..BM	B126
N123..A2	B42	QD-R/LF..A	B84	R/LF151.37	B139
N123T3-CM	B119	QD-R/LF..C..A	B81-B82	R/LG123..BM	B53-B54
N123T3-CS	B119	QD-R/LF..C..D	B83	R/LG123..C	B46
N123T3-GS	B122	QD-R/LF..S	B85	R/LG123..CM	B46
N123T3-RS	B124	QD-RL..A	B94	R/LG123..-GS	B15
N123U3-CM	B119	QD-RL..C..A	B89	R/LG123..-RO	B21
N123U3-CS	B119	QD-RL..C..D	B89	R/LG123..-RS	B21
N123U3-GS	B123	QD-RL..D	B94	R/LG151.37	B140
N123U3-RS	B124	QD-RL1..C..D2	B90	R/LS151.22	B138
N123x1..S	B14, B25	QD-RR..A	B94	R/LX123..B-007	B62
N123x1-GM	B13	QD-RR..C..A	B89	R/LX123..B-045	B63
N123x1-GR	B13	QD-RR..C..D	B89	R/LX123..B-070	B63
N123x1-RE	B24	QD-RR..D	B94	R123T3-CS	B120
N123x1-RM	B20	QD-RR..D2	B94	R123U3-CS	B121
N123x1-RO	B19, B22	QD-RR1..C..D2	B90	R123x1-RE	B24
N123x1-RS	B25	QFT..-RM	B100	R123x1-RO	B22
N123x1-TF	B16	QFT-GF	B99	R123x1-RS	B25
N123x1-XB	B18	QFT-LG..C..B	B111	R123x2-CF	B5
N123x2-AM	B23	QFT-LG..C20..B	B103	R123x2-CM	B6
N123x2-CF	B5	QFT-LG..C32..B	B103	R123x2-CR	B7
N123x2-CM	B6	QFT-RF..C..B	B107-B108	R123x2-CS	B8
N123x2-CR	B7	QFT-RF..C20..B	B105	R166.0L	C65-C70
N123x2-GF	B9-B11	QFT-RF..C32..B	B105	RC..X-SM	A312
N123x2-GM	B12	QFT-TF	B98	RCGX..E	A312
N123x2-RM	B20	QFU..-RM	B100	RCGX..K/T	A312
N123x2-RO	B19	QFU-GF	B99	RCGX-AL	A53
N123x2-TF	B16	QFU-LF..C..B	B109-B110	RCMT	A53
N123x2-TM	B17	QFU-LF..C20..B	B106	RCMX	A207
N151.2-4U	B137	QFU-LF..C32..B	B106	RNGA..S/T	A207
N151.3-4G	B136	QFU-RG..C..B	B112	RNGN	A311
N151.3-7G	B135	QFU-RG..C20..B	B104	RNMG	A207
N151.3-7P	B137	QFU-RG..C32..B	B104	RPGN	A312

Code	Page	Code	Page	Code	Page
RPGX	A312	SRSCR/L	A91-A92	VCEX-F	A67
S		SSBCR/L	A94	VCGT-UM	A65
S..CCLNR/L	A336	SSDCN	A93-A94	VCGX-AL	A66
S..CRSNR/L	A337	SSDCR/L	A93-A94	VCMT	A64
S..CRSPR/L	A337	STDCR/L	A96	VCMW..FP	A67
SCACR/L-S	A85	STFCR/L	A95	VDIxx..SLxxN/R/L	E6
SCGW	A56	STGCR/L	A95	VL80-NC3000	E10, E16
SCGX-AL	A54	STJCR/L-S	A97	VNGA	A220
SCLCR/L	A83-A85	STTCR/L	A96	VNGG-SGF	A219
SCMT	A54-A55	SVHBR/L	A99	VNMG	A219
SDJCR/L	A87	SVHCR/L	A99	W	
SDJCR/L..HP	A86	SVJBR/L	A101-A102	WNGA	A225-A226
SDJCR/L-S	A87	SVJBR/L..HP	A98	WNGG-SGF	A221
SDNCN	A88	SVJBR/L-S	A101	WNMA-KR	A224
SDPCN	A88	SVVBN	A100	WNMG	A221-A224
SI-CTLHOR/L	B161	T			
SL..NF	F48	TCEX..R/L-F	A58		
SL-266R/LFG	C56	TCGT-R/L-K	A59		
SL-266R/LKF	C62	TCGT-UM	A61		
SL-266R/LKF-QC	C63	TCGW	A63		
SL-2C	F45	TCGX-AL	A61		
SL70..RF	F59	TCGX-WK	A59		
SL70..RG	F59	TCMT	A57-A62		
SL70-CRDCR/L	A327	TCMW	A63		
SL70-CRSCR/L	A327	TCMX-WF	A57		
SL70-R/L123..A-HP	B64	TCMX-WM	A60		
SL70-R/L123..A-HP (G)	B48	TLER/L	B159		
SL70-R/L123..LC-HP (SF)	B65	TLG	B153		
SL70-R/L123..NC-HP (SF)	B65	TLGP	B154		
SL70-R/L123..RC-HP (SF)	B65	TLR	B155		
SL70-R/LG..C	B66	TLRP..R/L	B155		
SL70-SRDCR/L..HP	A171	TLRR/L	B159		
SL-CP..AR/L	A14	TLSR/L	B158		
SL-CP..BR/L	A15	TLT	B156		
SL-CP-X..BR/L	A15	TNGA	A217-A218		
SL-D..NF	F48	TNGN..S/T	A315		
SL-PCLNR/L..HP	A292	TNMA-KR	A215		
SL-PDUNR/L..HP	A295	TNMG	A213-A216		
SL-PTFNR/L..HP	A300	TNMM-MR	A215		
SL-QC	F58	TNMM-PR	A215		
SL-QD-R/LG..C	B96	TNMX-WF	A213		
SL-QFT-L..C..A	B115	TNMX-WM	A213		
SL-QFT-R..C..A	B113	TNMX-WMX	A213		
SL-QFT-R..C..B	B113	TPGN..S/T	A315		
SL-QFU-L..C..A	B114	TPUN..FP	A315		
SL-QFU-L..C..B	B114	TPUN..FR/LP	A315		
SL-QFU-R..C..A	B116	TR-Cx-D13MCR/L	A25		
SL-SCLCR/L..HP	A165	TR-Cx-V13MBR/L	A28		
SL-SCLCR/L-QC	A167	TR-D13JCR/L	A29		
SL-SCUCR/L..X	A178	TR-D13JCR/L-S	A29		
SL-SDUCR/L..HP	A168	TR-D13NCN	A29		
SL-SDUCR/L..XHP	A179	TR-D13NCN-S	A29		
SL-SDUCR/L..X-QC	A180	TR-DC..-F	A22		
SL-SDUCR/L-DXHP	A179	TR-DC..-M	A22		
SL-SDUCR/L-QC	A170	TR-DC..S..F	A22		
SL-SDXCR/L..HP	A168	TR-SL-D13JCR/L..HP-X	A33		
SL-SDXCR/L-DHP	A168	TR-SL-D13UCR/L	A36		
SL-SDXCR/L-QC	A170	TR-SL-D13UCR/L..HP	A35		
SL-STFCR/L..HP	A172	TR-SL-D13UCR/L..X	A39		
SL-SVLBR/L..HP	A174	TR-SL-D13XCR/L	A36		
SL-SVLBR/L..X-QC	A183	TR-SL-D13XCR/L..HP	A35		
SL-SVLBR/L-LFHP	A174	TR-SL-V13JBR/L..HP-X	A34		
SL-SVLBR/L-QC	A177	TR-SL-V13LBR/L	A38		
SL-SVPBR/L..LHP	A174	TR-SL-V13LBR/L..HP	A37		
SNGA	A212	TR-SL-V13PBR/L	A38		
SNGN	A313	TR-V13JBR/L	A30		
SNGQ..S/T	A212	TR-V13JBR/L-S	A30		
SNMA-KR	A211	TR-V13VBN	A30		
SNMG	A208-A211	TR-V13VBN-S	A30		
SNMM	A210	TR-VB..-F	A23		
SPGN..S/T	A314	TR-VB..S..F	A23		
SPUN..FP	A314	V			
SRACR/L	A90	VBGT-UM	A65		
SRDCN	A89-A90	VBGW	A67		
SRDCR/L	A89	VBMT	A64-A66		
SRGCR/L	A91	VCET-UM	A65		