SANDVIK
Coromant

2022.2

Supplement



ENG

Let us introduce our latest cutting tools and solutions

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Latest cutting tools and solutions

- Available in 20 languages
- Extensive technical information
- Links directly to the specific tools

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General turning A
Parting and Grooving B
Milling C
Rotating tool adaptors E
Accessories F
General information G

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General turning

CoroTurn® Prime

Inserts	4-9
External tools	15-22
Internal tools	23-26

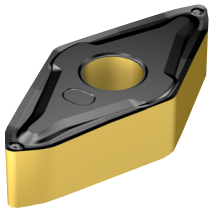
CoroTurn® 107

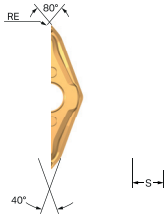
Inserts	10-14

For complete assortment, see www.sandvik.coromant.com

CoroTurn® Prime insert for turning

B-type insert



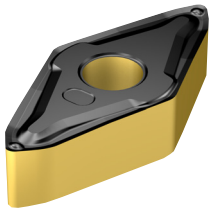


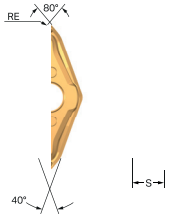
	SSC	S	RE	ISO CODE	P			M		S	
					4415	4425	H13A	2220	H13A	H13A	S205
Finishing	CP-B12..D	6.00	0.8	CP-B1208D-L4							

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CoroTurn® Prime insert for turning

B-type insert

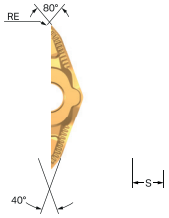




	SSC	S	RE	ISO CODE	P 4415	P 4425
Finishing	CP-B12..D	6.00	0.8	CP-B1208D-L4W		

CoroTurn® Prime insert for turning

B-type insert

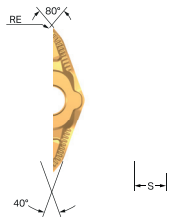


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					4415	4425	1115	2025	4415	4425	1115
Medium	CP-B12..D	6.00	0.8	CP-B1208D-M5							

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CoroTurn® Prime insert for turning

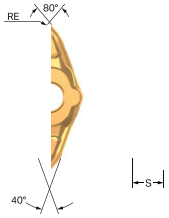
B-type insert



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Medium	CP-B12..D	6.00	0.8	CP-B1208D-M5W					

CoroTurn® Prime insert for turning

B-type insert

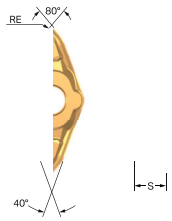


	SSC	S	RE	ISO CODE	P			M			K			S		
					4415	4425	H13A	1115	2220	H13A	4415	4425	H13A	1115	H13A	S205
Medium	CP-B12..D	6.00	0.8	CP-B1208D-M7												
		6.00	1.6	CP-B1216D-M7												

ENG

CoroTurn® Prime insert for turning

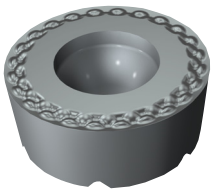
B-type insert

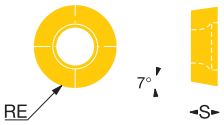


	SSC	S	RE	ISO CODE	P 4415	P 4425	M 1115	K 4415	K 4425	S 1115
Medium	CP-B12..D	6.00	0.8	CP-B1208D-M7W						

CoroTurn® 107 insert for turning

R-style insert (Round)



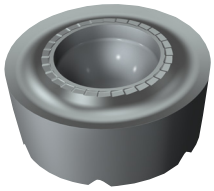


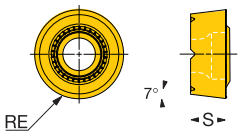
					P	M	K	N	S
		S	RE	ISO CODE	H13A	H13A	H13A	H13A	H13A
Finishing	08	3.18	4.0	RCGT 08 03 MP-L3					
	10	3.97	5.0	RCGT 10 T3 MP-L3					
	12	4.76	6.0	RCGT 12 04 MP-L3					

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CoroTurn® 107 insert for turning

R-style insert (Round)

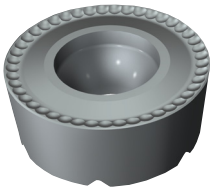


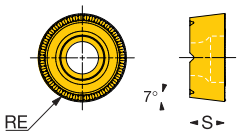


		S	RE	ISO CODE	P H13A	M H13A	K H13A	N H13A	S H13A
Medium	08	3.18	4.0	RCGT 08 03 MP-M3					
	10	3.97	5.0	RCGT 10 T3 MP-M3					
	12	4.76	6.0	RCGT 12 04 MP-M3					

CoroTurn® 107 insert for turning

R-style insert (Round)



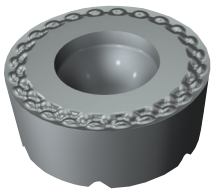


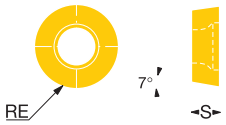
		S	RE	ISO CODE	P H13A	M H13A	K H13A	N H13A	S H13A
Roughing	08	3.18	4.0	RCMT 08 03 MP-H7					
	10	3.97	5.0	RCMT 10 T3 MP-H7					
	12	4.76	6.0	RCMT 12 04 MP-H7					
	16	6.35	8.0	RCMT 16 06 MP-H7					

ENG

CoroTurn® 107 insert for turning

R-style insert (Round)

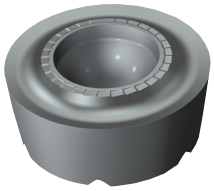


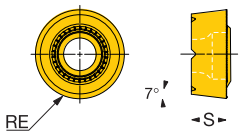


					P	M	K	S
		S	RE	ISO CODE	H13A	H13A	H13A	H13A
Finishing	16	6.35	8.0	RCMT 16 06 MP-L3				

CoroTurn® 107 insert for turning

R-style insert (Round)



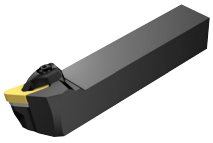


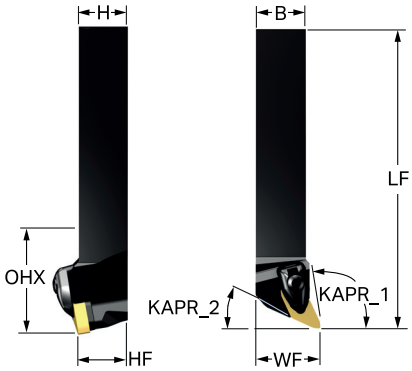
					P	M	K	S
		S	RE	ISO CODE	H13A	H13A	H13A	H13A
Medium	16	6.35	8.0	RCMT 16 06 MP-M3				

ENG

CoroTurn® Prime shank tool for turning

Rigid clamp design





Metric version

	SSC	CZC_{MS}	KAPR_1	KAPR_2	OHX	Ordering code	Dimensions, mm B	H	LF	WF	HF	NM	KG	MIID
	CP-B12..D	20 x 20	95°	25°	40.0	CP-25BR/L-2020-12	20.0	20.0	125.0	25.0	20.0	4.0	0.36	CP-B1208D
		25 x 25	95°	25°	50.0	CP-25BR/L-2525-12	25.0	25.0	150.0	32.0	25.0	4.0	0.69	CP-B1208D
		32 x 32	95°	25°	64.0	CP-25BR/L-3232-12	32.0	32.0	170.0	40.0	32.0	4.0	1.27	CP-B1208D

Inch version

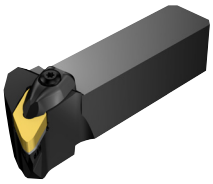
	SSC	CZC_{MS}	KAPR_1	KAPR_2	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	CP-B12..D	3/4 x 3/4	95°	25°	1.496	CP-25BR/L-12-12	.750	.750	4.500	1.000	.750	3.0	0.661	CP-B1208D
		1 x 1	95°	25°	1.969	CP-25BR/L-16-12	1.000	1.000	6.000	1.250	1.000	3.0	1.583	CP-B1208D
		1 1/4 x 1 1/4	95°	25°	2.520	CP-25BR/L-20-12	1.250	1.250	6.000	1.498	1.250	3.0	2.441	CP-B1208D

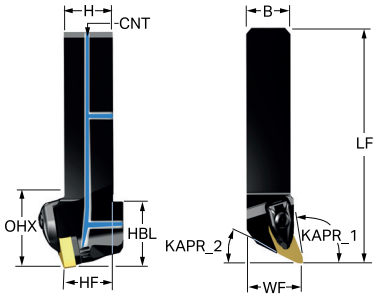
R = Right hand, L = Left hand

CoroTurn® Prime QS shank tool for turning

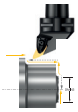
Rigid clamp design

Internal coolant supply

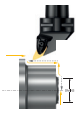




Metric version

	SSC	CZC_{MS}	KAPR_1	KAPR_2	OHX	CNSC	Ordering code	Dimensions, mm B	H	HBL	LF	WF	HF	CNT	BAR	NM	KG	MIID
	CP-B12..D	20 x 20	95°	25°	52.0	3	QS-CP-25BR/L-2020-12B	20.0	20.0	32.0	101.0	25.0	20.0	G 1/8-28	150	4.0	0.29	CP-B1208D
		25 x 25	95°	25°	57.0	3	QS-CP-25BR/L-2525-12B	25.0	25.0	32.0	116.0	32.0	25.0	G 1/8-28	150	4.0	0.51	CP-B1208D

Inch version

	SSC	CZC_{MS}	KAPR_1	KAPR_2	OHX	CNSC	Ordering code	Dimensions, inch B	H	HBL	LF	WF	HF	CNT	PSI	FT/LBS	LBS	MIID
	CP-B12..D	3/4 x 3/4	95°	25°	2.008	3	QS-CP-25BR/L-12-12B	.750	.750	1.260	3.976	1.000	.750	G 1/8-28	2175	3.0	0.586	CP-B1208D
		1 x 1	95°	25°	2.244	3	QS-CP-25BR/L-16-12B	1.000	1.000	1.260	4.567	1.250	1.000	G 1/8-28	2175	3.0	1.162	CP-B1208D

R = Right hand, L = Left hand

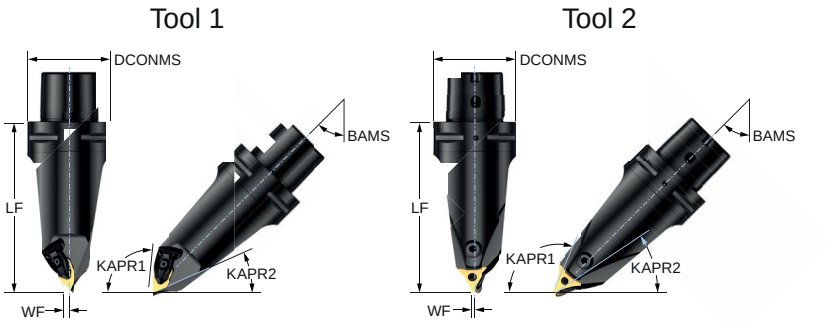
ENG

CoroTurn® Prime cutting unit for turning

Twin tool

Coromant Capto® - Internal coolant supply





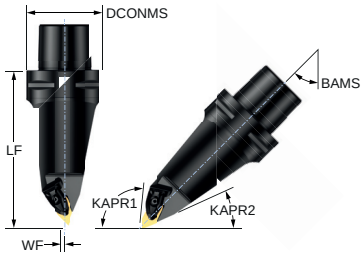
	CZC$_{MS}$	KAPR_1	KAPR_2	OHX	CNSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	LF$_1$	LF$_2$	WF$_1$	WF$_2$	HF	OAH	BAR PSI	NM	KG	MIID
	C6	95°	115°	130.0	3	C6-T-A11B12L-130	63	130.0	130.0	2.0	2.0	20.0	65.0	150	4.0	2.31	CP-B1208D, CP-A1108
				5.118			*2.480*	*5.118*	*5.118*	*.079*	*.079*	*.787*	*2.559*	*2175*			
	C8	95°	115°	160.0	3	C8-T-A11B12L-160	80	160.0	160.0	2.0	2.0	25.0	80.0	150	4.0	4.63	CP-B1208D, CP-A1108
				6.299			*3.150*	*6.299*	*6.299*	*.079*	*.079*	*.984*	*3.149*	*2175*			

CoroTurn® Prime cutting unit for turning

Rigid clamp design

Coromant Capto® - Internal coolant supply





	SSC	CZC_{MS}	KAPR_1	KAPR_2	CNSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	LF	WF	BAR PSI	NM	KG	MIID
	CP-B12..D	C5	95°	25°	3	C5-CP-70BL00115-12B	50	115.0	0.0	150	4.0	1.14	CP-B1208D
							1.969	*4.528*	*.000*	*2175*			
		C6	95°	25°	3	C6-CP-70BL00130-12B	63	130.0	0.0	150	4.0	1.96	CP-B1208D
							2.480	*5.118*	*.000*	*2175*			
		C8	95°	25°	3	C8-CP-70BL00160-12B	80	160.0	0.0	150	4.0	4.11	CP-B1208D
							3.150	*6.299*	*.000*	*2175*			

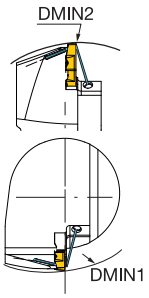
ENG

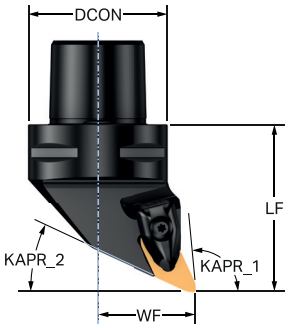
CoroTurn® Prime cutting unit for turning

Rigid clamp design

Coromant Capto® - Internal coolant supply







	SSC	CZC_{MS}	$DMIN_1$	$DMIN_2$	KAPR_1	KAPR_2	CNSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	LF	WF	BAR PSI	NM	KG	MIID
	CP-B12..D	C4	80.0	150.0	95°	25°	3	C4-CP-25BR/L-27060-12B	40	60.0	27.0	150	4.0	0.42	CP-B1208D
			3.150	*5.906*	*95°*	*25°*			*1.575*	*2.362*	*1.063*	*2175*			
		C5	85.0	165.0	95°	25°	3	C5-CP-25BR/L-35060-12B	50	60.0	35.0	150	4.0	0.65	CP-B1208D
			3.346	*6.496*	*95°*	*25°*			*1.969*	*2.362*	*1.378*	*2175*			
		C6	90.0	190.0	95°	25°	3	C6-CP-25BR/L-45065-12B	63	65.0	45.0	150	4.0	1.14	CP-B1208D
			3.543	*7.480*	*95°*	*25°*			*2.480*	*2.559*	*1.772*	*2175*			

R = Right hand, L = Left hand

CoroTurn® Prime cutting unit for turning

Screw clamp design

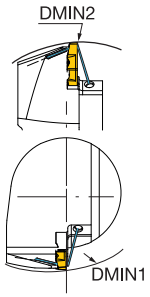
Coromant Capto® - Internal coolant supply

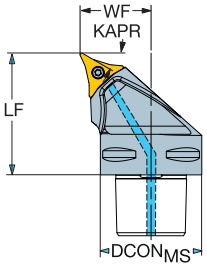
PSIR -25.0°

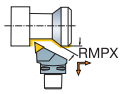




CP-A





	SSC	CZC_{MS}	$DMIN_1$	$DMIN_2$	RMPX	CNSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	LF	WF	BAR PSI	NM	KG	MIID
	CP-A	C3	85.0	125.0	15°	3	C3-CP-30AR/L-22045-11C	32	45.0	22.0	150	4.0	0.20	CP-A1108
			3.346	*4.921*				*1.260*	*1.772*	*.866*	*2175*			

R = Right hand, L = Left hand

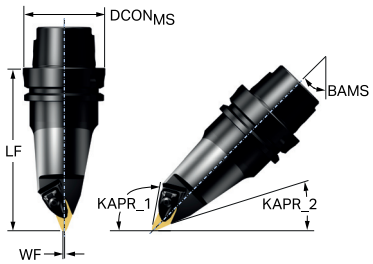
ENG

CoroTurn® Prime cutting unit for turning

Rigid clamp design

HSK - Internal coolant supply





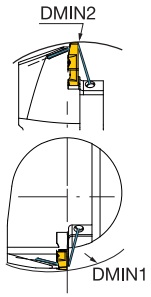
	SSC	CZC_{MS}	KAPR_1	KAPR_2	CNSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	LF	WF	BAR PSI	NM	KG	MIID
	CP-B12..D	63	95°	25°	3	HT06-CP70BL00130-12B	63	130.0	0.0	150	4.0	1.82	CP-B1208D
							2.480	5.118	.000	2175			

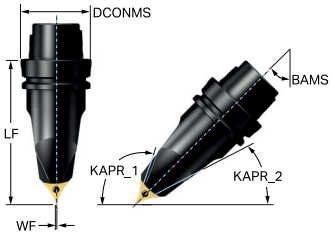
CoroTurn® Prime cutting unit for turning

Screw clamp design

HSK - Internal coolant supply







	SSC	CZC_{MS}	KAPR_1	KAPR_2	CNSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	LF	WF	BAR PSI	NM	KG	MIID
	CP-A	63	115°	30°	3	HT06-CP75AL00130-11C	63	130.0	0.0	150	4.0	1.88	CP-A1108
							2.480	5.118	.000	2175			

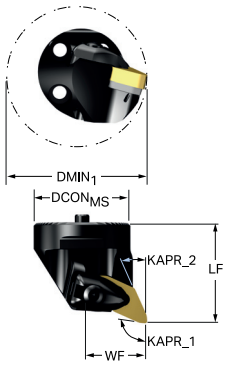
ENG

CoroTurn® Prime head for turning

Rigid clamp design

CoroTurn® SL - Internal coolant supply





	SSC	CZC_{MS}	$DMIN_1$	KAPR_1	KAPR_2	CNSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	LF	WF	BAR PSI	NM	KG	MIID
	CP-B12..D	40	50.0	95°	25°	1	SL-CP-25BR/L-40-12B	40	40.0	27.0	150	4.0	0.24	CP-B1208D
			1.969					1.575	1.575	1.063	2175			

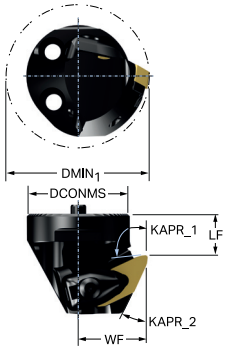
R = Right hand, L = Left hand

CoroTurn® Prime head for turning

Rigid clamp design

CoroTurn® SL - Internal coolant supply





	SSC	CZC_{MS}	$DMIN_1$	KAPR_1	CNSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	LPR	LF	WF	BAR PSI	NM	KG	MIID
	CP-B12..D	40	50.0	25°	1	SL-CP-X-25BR/L-40-12B	40	38.0	16.0	27.0	150	4.0	0.21	CP-B1208D
			1.969				1.575	1.496	.630	1.063	2175			

R = Right hand, L = Left hand

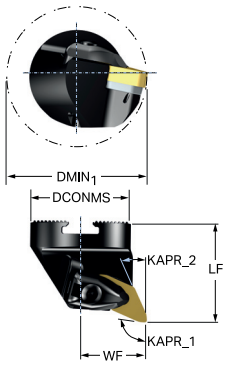
ENG

CoroTurn® Prime head for turning

Rigid clamp design

Wedge Lock





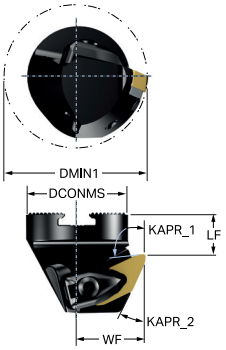
	SSC	CZC_{MS}	$DMIN_1$	KAPR_1	KAPR_2	CNSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	LF	WF	BAR PSI	NM	KG	MIID
	CP-B12..D	40	50.0	95°	25°	6	TICP-W4R/L-B1225-27B	40	40.0	27.0	150	4.0	0.19	CP-B1208D
			1.969	95°	25°			1.575	1.575	1.063	2175			

R = Right hand, L = Left hand

CoroTurn® Prime head for turning

Rigid clamp design





	SSC	CZC_{MS}	$DMIN_1$	KAPR_1	KAPR_2	CNSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	LPR	LF	WF	BAR PSI	NM	KG	MIID
	CP-B12..D	40	50.0	95°	25°	6	TICP-W4R/L-B1225X27B	40	38.0	16.0	27.0	150	4.0	0.21	CP-B1208D
			1.969	95°	25°			1.575	1.496	.630	1.063	2175			

R = Right hand, L = Left hand

ENG

Parting and grooving

CoroCut® QI

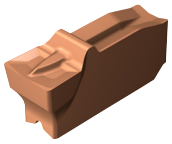
Inserts 28
Internal tools 29-30

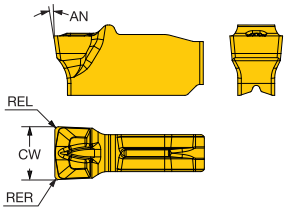
CoroCut® 2

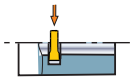
Internal tools 35-34

For complete assortment, see www.sandvik.coromant.com

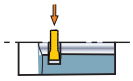
CoroCut® QI insert for grooving





		SSC	CW	REL	RER	Ordering code	P		M			K		N			S			Dimensions, mm, inch				
							1125	1145	1105	1125	1145	H13A	1125	H13A	1105	1125	H13A	1105	1125	1145	H13A	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Finishing		H	3.96	0.20	0.20	QI-NH-0396-0002-GF																8°	-0.020	0.020	-0.050	0.050
			.156	*.008*	*.008*																		*-.0008*	*.0008*	*-.0020*	*.0020*
			4.00	0.20	0.20	QI-NH-0400-0002-GF																8°	-0.020	0.020	-0.050	0.050
			.157	*.008*	*.008*																		*-.0008*	*.0008*	*-.0020*	*.0020*
			4.70	0.30	0.30	QI-NH-0470-0003-GF																8°	-0.020	0.020	-0.050	0.050
			.185	*.012*	*.012*																		*-.0008*	*.0008*	*-.0020*	*.0020*
			4.80	0.30	0.30	QI-NH-0480-0003-GF																8°	-0.020	0.020	-0.050	0.050
			.189	*.012*	*.012*																		*-.0008*	*.0008*	*-.0020*	*.0020*
		J	5.00	0.20	0.20	QI-NJ-0500-0002-GF																8°	-0.020	0.020	-0.050	0.050
			.197	*.008*	*.008*																		*-.0008*	*.0008*	*-.0020*	*.0020*

For circlip grooves

		SSC	CW	REL	RER	Ordering code	P	M	K	N	S	Dimensions, mm, inch				
							1125	1125	1125	1125	1125	AN	CWTOLL	CWTOLU	RETOLL	RETOLU
Finishing		H	4.15	0.20	0.20	QI-NH-0415-0002-GF						8°	0.090	0.130	-0.050	0.050
			.163	*.008*	*.008*								*.0035*	*.0051*	*-.0020*	*.0020*

SSC = To correspond with SSC on holder.

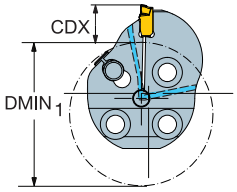
N = Neutral

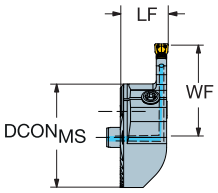
ENG

CoroCut® QI head for grooving

Screw clamp design







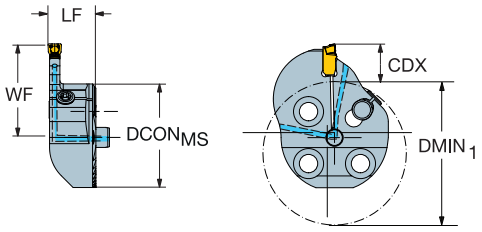
	SSC	CZC_{MS}	CDX	$DMIN_1$	CNSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	LF	WF	HF	BAR PSI	NM	KG	MIID
	E	16	6.0	24.0	1	SL-QI-RE06C16-24	16	14.0	19.3	0.1	150	1.5	0.01	QI-NE-0200-0002-GF
			.236	.945			.630	.551	.760	.004	2175			
	F	20	8.0	30.0	1	SL-QI-RF08C20-30	20	14.0	19.3	0.1	150	1.7	0.02	QI-NF-0246-0002-GF
			.315	1.181			.787	.551	.760	.004	2175			
	G	20	6.0	28.0	1	SL-QI-RG06C20-28	20	14.0	19.3	0.1	150	1.7	0.02	QI-NG-0300-0002-GF
			.236	1.102			.787	.551	.760	.004	2175			
		25	11.0	37.0	1	SL-QI-RG11C25-37	25	14.0	27.3	0.1	150	3.0	0.03	QI-NG-0300-0002-GF
			.433	1.457			.984	.551	1.075	.004	2175			
		25	14.0	40.0	1	SL-QI-RG14C25-40	25	14.0	27.3	0.1	150	3.0	0.04	QI-NG-0300-0002-GF
			.551	1.575			.984	.551	1.075	.004	2175			
	H	32	14.0	48.0	1	SL-QI-RH14C32-48	32	14.0	33.8	0.1	150	3.0	0.06	QI-NH-0400-0002-GF
			.551	1.890			1.260	.551	1.331	.004	2175			
		32	17.0	50.0	1	SL-QI-RH17C32-50	32	14.0	33.8	0.1	150	3.0	0.07	QI-NH-0400-0002-GF
			.669	1.969			1.260	.551	1.331	.004	2175			
	J	40	16.0	58.0	1	SL-QI-RJ16C40-58	40	14.0	39.8	0.1	150	3.0	0.11	QI-NJ-0500-0002-GF
			.630	2.283			1.575	.551	1.567	.004	2175			
		40	19.0	60.0	1	SL-QI-RJ19C40-60	40	14.0	39.8	0.1	150	3.0	0.11	QI-NJ-0500-0002-GF
			.748	2.362			1.575	.551	1.567	.004	2175			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

CoroCut® QI head for grooving

Screw clamp design



	SSC	CZC_{MS}	CDX	$DMIN_1$	CNSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	LF	WF	HF	BAR PSI	NM	KG	MIID
	E	16	6.0	24.0	1	SL-QI-LE06C16-24	16	14.0	19.3	0.1	150	1.5	0.01	QI-NE-0200-0002-GF
			.236	.945			.630	.551	.760	.004	2175			
	F	20	8.0	30.0	1	SL-QI-LF08C20-30	20	14.0	19.3	0.1	150	1.7	0.02	QI-NF-0246-0002-GF
			.315	1.181			.787	.551	.760	.004	2175			
	G	20	6.0	28.0	1	SL-QI-LG06C20-28	20	14.0	19.3	0.1	150	1.7	0.02	QI-NG-0300-0002-GF
			.236	1.102			.787	.551	.760	.004	2175			
		25	11.0	37.0	1	SL-QI-LG11C25-37	25	14.0	27.3	0.1	150	3.0	0.03	QI-NG-0300-0002-GF
			.433	1.457			.984	.551	1.075	.004	2175			
		25	14.0	40.0	1	SL-QI-LG14C25-40	25	14.0	27.3	0.1	150	3.0	0.07	QI-NG-0300-0002-GF
			.551	1.575			.984	.551	1.075	.004	2175			
	H	32	14.0	48.0	1	SL-QI-LH14C32-48	32	14.0	33.8	0.1	150	3.0	0.06	QI-NH-0400-0002-GF
			.551	1.890			1.260	.551	1.331	.004	2175			
		32	17.0	50.0	1	SL-QI-LH17C32-50	32	14.0	33.8	0.1	150	3.0	0.10	QI-NH-0400-0002-GF
			.669	1.969			1.260	.551	1.331	.004	2175			
	J	40	16.0	58.0	1	SL-QI-LJ16C40-58	40	14.0	39.8	0.1	150	3.0	0.15	QI-NJ-0500-0002-GF
			.630	2.283			1.575	.551	1.567	.004	2175			
		40	19.0	60.0	1	SL-QI-LJ19C40-60	40	14.0	39.8	0.1	150	3.0	0.11	QI-NJ-0500-0002-GF
			.748	2.362			1.575	.551	1.567	.004	2175			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand