SANDVIK Coromant

2022.2

Supplement

Authorized distributor:

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Din kompletta verktygsleverantör

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Latest cutting tools and solutions

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ENG

General turning

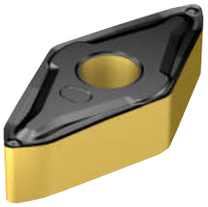
CoroTurn® Prime

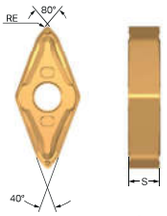
CoroTurn® 107

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

CoroTurn® Prime insert for turning

B-type insert



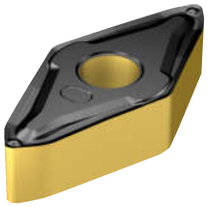


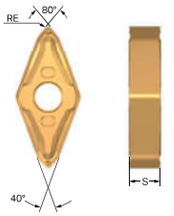
	SSC	S	RE	ISO CODE	P			M		S	
					4415	4425	H13A	2220	H13A	H13A	S205
Finishing	CP-B12..D	6.00	0.8	CP-B1208D-L4	★	☆	☆	★	☆	☆	★

ENG

CoroTurn® Prime insert for turning

B-type insert

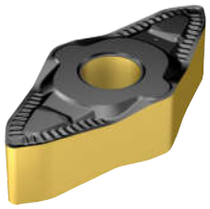


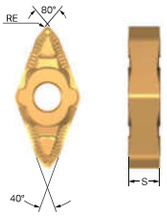


	SSC	S	RE	ISO CODE	P 4415	P 4425
Finishing	CP-B12..D	6.00	0.8	CP-B1208D-L4W	★	☆

CoroTurn® Prime insert for turning

B-type insert



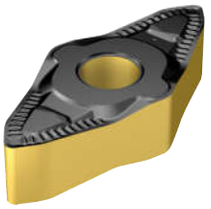


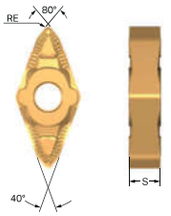
	SSC	S	RE	ISO CODE	P 4415	P 4425	M 1115	M 2025	K 4415	K 4425	S 1115
Medium	CP-B12..D	6.00	0.8	CP-B1208D-M5	☆	★	☆	★	★	☆	★

ENG

CoroTurn® Prime insert for turning

B-type insert

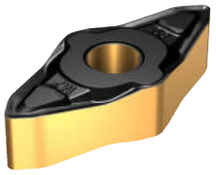


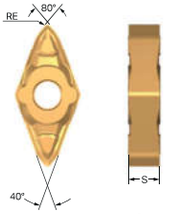


	SSC	S	RE	ISO CODE	P 4415	P 4425	M 2025	K 4415	K 4425
Medium	CP-B12..D	6.00	0.8	CP-B1208D-M5W	☆	★	★	★	☆

CoroTurn® Prime insert for turning

B-type insert



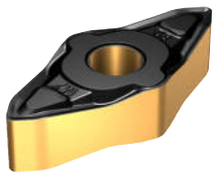


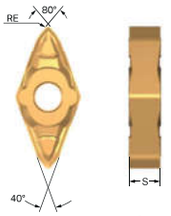
	SSC	S	RE	ISO CODE	P			M			K			S		
					4415	4425	H13A	1115	2220	H13A	4415	4425	H13A	1115	H13A	S205
Medium	CP-B12..D	6.00	0.8	CP-B1208D-M7	☆	★	☆	☆	★	☆	☆	☆	★	★	☆	☆
		6.00	1.6	CP-B1216D-M7	☆	★	☆	☆	★	☆	☆	☆	★	★	☆	☆

ENG

CoroTurn® Prime insert for turning

B-type insert





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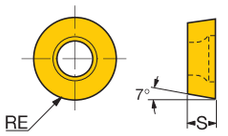
Medium	CP-B12..D	6.00	0.8	CP-B1208D-M7W	☆	★	★	★	☆	★

CoroTurn® 107 insert for turning

R-style insert (Round)

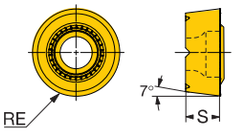


		S	RE	ISO CODE	P H13A	M H13A	K H13A	N H13A	S H13A
Finishing	08	3.18	4.0	RCGT 08 03 MP-L3	☆	★	★	★	★
	10	3.97	5.0	RCGT 10 T3 MP-L3	☆	★	★	★	★
	12	4.76	6.0	RCGT 12 04 MP-L3	☆	★	★	★	★

ENG

CoroTurn® 107 insert for turning

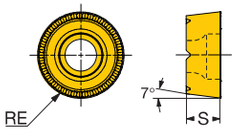
R-style insert (Round)



		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)

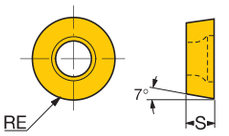


		S	RE	ISO CODE	P H13A	M H13A	K H13A	N H13A	S H13A
Roughing	08	3.18	4.0	RCMT 08 03 MP-H7	☆	☆	☆	★	☆
	10	3.97	5.0	RCMT 10 T3 MP-H7	☆	☆	☆	★	☆
	12	4.76	6.0	RCMT 12 04 MP-H7	☆	☆	☆	★	☆
	16	6.35	8.0	RCMT 16 06 MP-H7	☆	☆	☆	★	☆

ENG

CoroTurn® 107 insert for turning

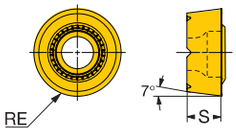
R-style insert (Round)



					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)

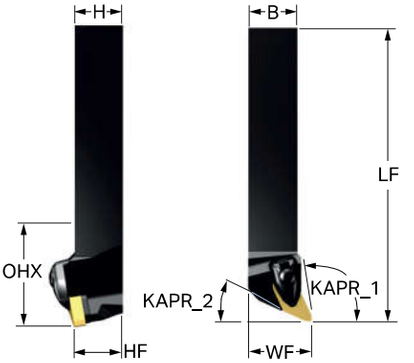


					P	M	K	S
		S	RE	ISO CODE	H13A	H13A	H13A	H13A
Medium	16	6.35	8.0	RCMT 16 06 MP-M3	☆	☆	☆	☆

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

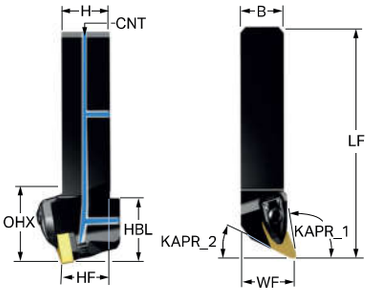
	SSC	CZC_{MS}	KAPR_1	KAPR_2	OHX	Ordering code	Dimensions, inch B	H	LF	WF	HF	FT/LBS	LBS	MIID
	CP-B12..D	3/4 x 3/4	95°	25°	1.496	**CP-25BR/L-12-12**	.750	.750	4.500	1.000	.750	3.0	0.661	CP-B1208D
		1 x 1	95°	25°	1.969	**CP-25BR/L-16-12**	1.000	1.000	6.000	1.250	1.000	3.0	1.583	CP-B1208D
		1 1/4 x 1 1/4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

								Dimensions, mm										
	SSC	CZC_{MS}	KAPR_1	KAPR_2	OHX	CNSC	Ordering code	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

								Dimensions, inch										
	SSC	CZC_{MS}	KAPR_1	KAPR_2	OHX	CNSC	Ordering code	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

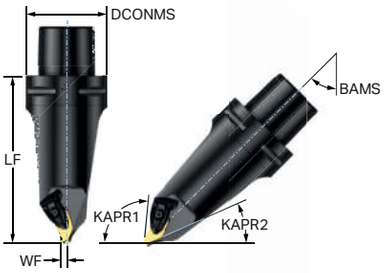
ENG

CoroTurn® Prime cutting unit for turning

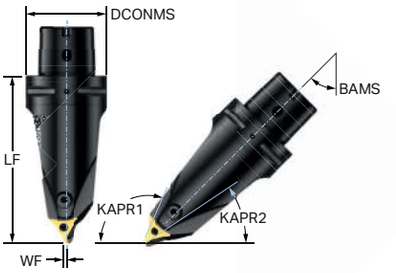
Twin tool

Coromant Capto® - Internal coolant supply

Tool 1



Tool 2



							Dimensions, mm, inch									
	CZC_{MS}	KAPR_1	KAPR_2	OHX	CNSC	**Ordering code**	$DCON_{MS}$	LF_1	LF_2	WF_1	WF_2	HF	OAH	BAR PSI	NM	KG	MID
	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

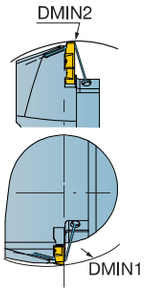
	SSC	CZC_{MS}	KAPR_1	KAPR_2	CNSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	LF	WF	BAR PSI	NM	KG	MIID
	CP-B12.,D	C5	95°	25°	3	**C5-CP-70BL00115-12B**	50	115.0	0.0	150	4.0	1.14	CP-B1208D
							1.969	*4.528*	*.000*	*2175*			
		C6	95°	25°	3	**C6-CP-70BL00130-12B**	63	130.0	0.0	150	4.0	1.96	CP-B1208D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

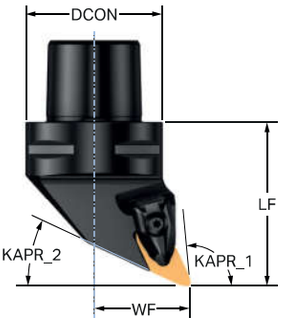
ENG

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

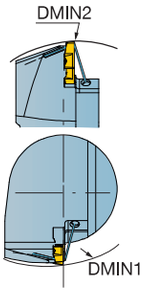
CoroTurn® Prime cutting unit for turning

Screw clamp design

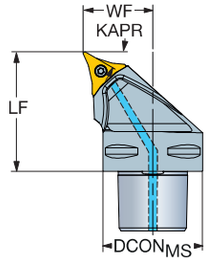
Coromant Capto® - Internal coolant supply

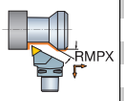
CP-A

PSIR



-25.0°



	SSC	CZC_{MS}	$DMIN_1$	$DMIN_2$	RMPX	CNSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	LF	WF	BAR PSI	NM	KG	MID
	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*			

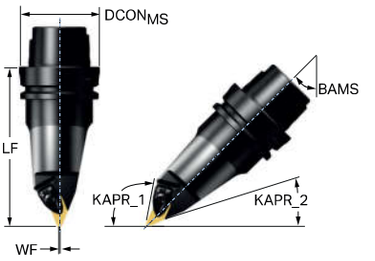
R = Right hand, L = Left hand

ENG

CoroTurn® Prime cutting unit for turning

Rigid clamp design

HSK - Internal coolant supply

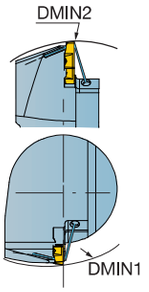


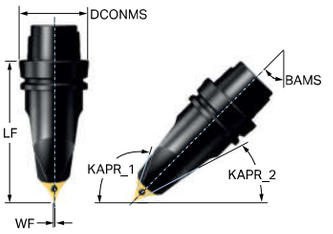
	SSC	CZC_{MS}	KAPR_1	KAPR_2	CNSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	LF	WF	BAR PSI	NM	KG	MIID
	CP-B12..D	63	95°	25°	3	HT06-CP70BL00130-12B	63	130.0	0.0	150	4.0	1.82	CP-B1208D
							2.480	5.118	.000	2175			

CoroTurn® Prime cutting unit for turning

Screw clamp design

HSK - Internal coolant supply





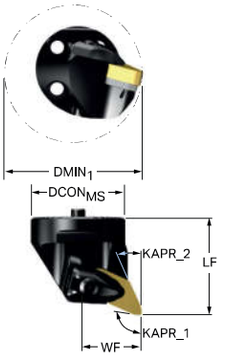
	SSC	CZC_{MS}	KAPR_1	KAPR_2	CNSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	LF	WF	BAR PSI	NM	KG	MID
	CP-A	63	115°	30°	3	HT06-CP75AL00130-11C	63	130.0	0.0	150	4.0	1.88	CP-A1108
							2.480	5.118	.000	2175			

ENG

CoroTurn® Prime head for turning

Rigid clamp design

CoroTurn® SL - Internal coolant supply



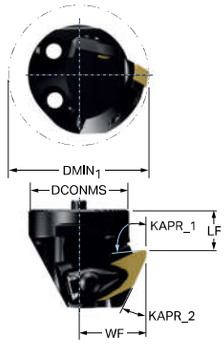
	SSC	CZC_{MS}	$DMIN_1$	KAPR_1	KAPR_2	CNSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	LF	WF	BAR PSI	NM	KG	MIID
	CP-B12.,D	40	50,0	95°	25°	1	**SL-CP-25BR/L-40-12B**	40	40,0	27,0	150	4,0	0,24	CP-B1208D
			1.969					1.575	1.575	1.063	2175			

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			

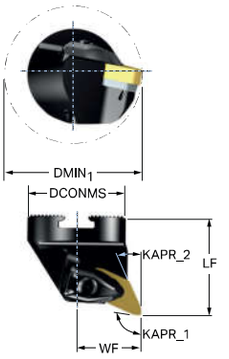
R = Right hand, L = Left hand

ENG

CoroTurn® Prime head for turning

Rigid clamp design

Wedge Lock

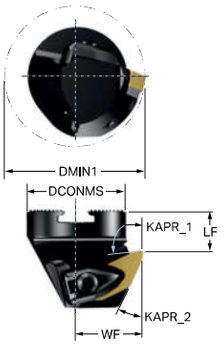


	SSC	CZC_{MS}	$DMIN_1$	KAPR_1	KAPR_2	CNSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	LF	WF	BAR PSI	NM	KG	MIID
	CP-B12.,D	40	50,0	95°	25°	6	TICP-W4R/L-B1225-27B	40	40,0	27,0	150	4,0	0,19	CP-B1208D
			1.969	95°	25°			1.575	1.575	1.063	2175			

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

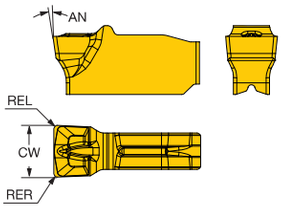
Parting and grooving

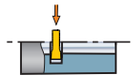
CoroCut® QI

CoroCut® 2

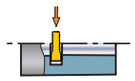
For complete assortment, see www.sandvik.coromant.com

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*

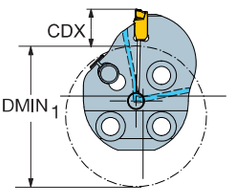
SSC = To correspond with SSC on holder.

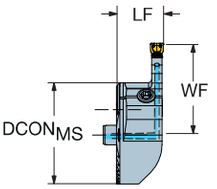
N = Neutral

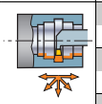
ENG

CoroCut® QI head for grooving

Screw clamp design





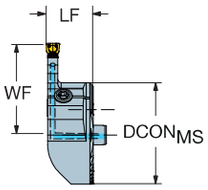
	SSC	CZC_{MS}	CDX	$DMIN_1$	CNSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	LF	WF	HF	BAR PSI	NM	KG	MIID
	E	16	6.0	24.0	1	SL-QI-RE06C16-24	16	14.0	19.3	0.1	150	1.5	0.01	QI-NE-0200-0002-GF
			.236	.945			.630	.551	.760	.004	2175			
	F	20	8.0	30.0	1	SL-QI-RF08C20-30	20	14.0	19.3	0.1	150	1.7	0.02	QI-NF-0246-0002-GF
			.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			

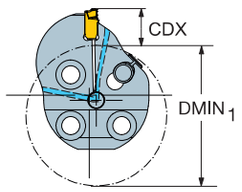
SSC = To correspond with SSC on insert.

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.

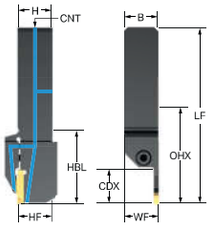
R = Right hand, L = Left hand

ENG

CoroCut® 2 QS shank tool for parting and grooving

Screw clamp design

Precision coolant supply



Metric version

	SSC	CZC_{MS}	CDX_1	OHX	OHN	CNSC	Ordering code	Dimensions, mm B	H	LF_1	WF_1	CNT	BAR	NM	KG	MIID
	H	20 x 20	20.0	57.6	40.1	3	C2R-QS20-R/LH20CB	20.0	20.0	109.1	20.5	G 1/8-28	150	4.5	0.28	C2I-H2N-0400-
		25 x 25	20.0	65.6	40.1	3	C2R-QS25-R/LH20CB	25.0	25.0	124.1	25.5	G 1/8-28	150	4.5	0.49	C2I-H2N-0400-
		25 x 25	25.0	70.6	45.1	3	C2R-QS25-R/LH25CB	25.0	25.0	129.1	25.5	G 1/8-28	150	5.5	0.50	C2I-H2N-0400-
	J	20 x 20	20.0	57.6	40.1	3	C2R-QS20-R/LJ20CB	20.0	20.0	109.1	20.5	G 1/8-28	150	4.5	0.28	C2I-J2N-0500-
		25 x 25	25.0	70.6	45.1	3	C2R-QS25-R/LJ25CB	25.0	25.0	129.1	25.5	G 1/8-28	150	5.5	0.50	C2I-J2N-0500-
	K	25 x 25	25.0	70.6	45.1	3	C2R-QS25-R/LK25CB	25.0	25.0	129.1	25.5	G 1/8-28	150	5.5	0.51	C2I-K2N-0600-
	L	25 x 25	32.0	79.2	53.7	3	C2R-QS25-R/LL32CB	25.0	25.0	137.7	26.5	G 1/8-28	150	6.5	0.54	C2I-L2N-0800-

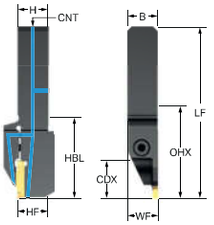
SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

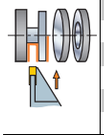
CoroCut® 2 QS shank tool for parting and grooving

Screw clamp design

Precision coolant supply



Metric version

	SSC	CZC_{MS}	CDX_1	OHX	OHN	CNSC	Ordering code	Dimensions, mm B	H	LF_1	WF_1	CUTDIA	CNT	BAR	NM	KG	MIID
	H	20 x 20	25.0	62.6	45.1	3	C2R-QS20-R/LH25CD	20.0	20.0	114.1	20.5	50	G 1/8-28	150	5.5	0.29	C2I-H2N-0400-

SSC = To correspond with SSC on insert.

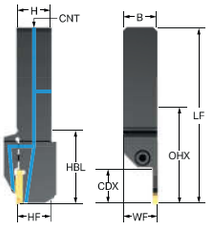
R = Right hand, L = Left hand

ENG

CoroCut® 2 QS shank tool for parting and grooving

Screw clamp design

Precision coolant supply



Inch version

	SSC	CZC_{MS}	CDX_1	OHX	OHN	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	CNT	PSI	FT/LBS	LBS	MIID
	H	3/4 x 3/4	.800	2.281	1.592	3	**C2R-QSA12-R/LH20CB**	.750	.750	4.308	.770	.750	G 1/8-28	2175	3.3	.549	C2I-H2N-0400-
		1 x 1	1.000	2.796	1.792	3	**C2R-QSA16-R/LH25CB**	1.000	1.000	5.099	1.020	1.000	G 1/8-28	2175	4.1	1.133	C2I-H2N-0400-
	J	3/4 x 3/4	.800	2.281	1.592	3	**C2R-QSA12-R/LJ20CB**	.750	.750	4.308	.770	.750	G 1/8-28	2175	3.3	.558	C2I-J2N-0500-
		1 x 1	1.000	2.796	1.792	3	**C2R-QSA16-R/LJ25CB**	1.000	1.000	5.099	1.020	1.000	G 1/8-28	2175	4.1	1.146	C2I-J2N-0500-
	K	1 x 1	1.000	2.796	1.792	3	**C2R-QSA16-R/LK25CB**	1.000	1.000	5.099	1.020	1.000	G 1/8-28	2175	4.1	1.164	C2I-K2N-0600-
	L	1 x 1	1.250	3.110	2.106	3	**C2R-QSA16-R/LL32CB**	1.000	1.000	5.413	1.059	1.000	G 1/8-28	2175	4.8	1.219	C2I-L2N-0800-

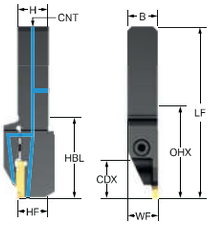
SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

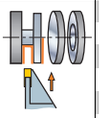
CoroCut® 2 QS shank tool for parting and grooving

Screw clamp design

Precision coolant supply



Inch version

	SSC	CZC_{MS}	CDX_1	OHX	OHN	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	CUTDIA	CNT	PSI	FT/LBS	LBS	MIID
	H	3/4 x 3/4	1.000	2.481	1.792	3	**C2R-QSA12-R/LH25CD**	.750	.750	4.508	.770	.750	2.000	G 1/8-28	2175	4.1	.582	C2I-H2N-0400-

SSC = To correspond with SSC on insert.

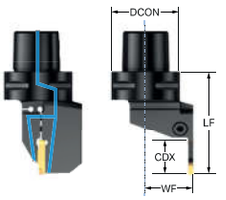
R = Right hand, L = Left hand

ENG

CoroCut® 2 cutting unit for parting and grooving

Screw clamp design

Coromant Capto® - Precision coolant supply



						Dimensions, mm, inch							
	SSC	CZC_{MS}	CDX	CNSC	Ordering code	$DCON_{MS}$	LF	WF	OAH	BAR PSI	NM	KG	MIID
	H	C3	13.0	3	C2R-CC3-R/LH13CB	32	55.0	22.0	41.0	150	4.5	0.29	C2I-H2N-0400-
			.512			*1.260*	*2.165*	*.866*	*1.614*	*2175*			
		C3	20.0	3	C2R-CC3-R/LH20CB	32	65.0	22.0	41.0	150	4.5	0.32	C2I-H2N-0400-
			.787			*1.260*	*2.559*	*.866*	*1.614*	*2175*			
		C4	13.0	3	C2R-CC4-R/LH13CB	40	60.0	27.0	45.0	150	4.5	0.46	C2I-H2N-0400-
			.512			*1.575*	*2.362*	*1.063*	*1.771*	*2175*			
		C4	20.0	3	C2R-CC4-R/LH20CB	40	70.0	27.0	45.0	150	4.5	0.50	C2I-H2N-0400-
			.787			*1.575*	*2.756*	*1.063*	*1.771*	*2175*			
		C4	25.0	3	C2R-CC4-R/LH25CB	40	75.0	27.0	45.0	150	5.5	0.48	C2I-H2N-0400-
			.984			*1.575*	*2.953*	*1.063*	*1.771*	*2175*			
		C5	13.0	3	C2R-CC5-R/LH13CB	50	60.0	35.0	57.0	150	4.5	0.73	C2I-H2N-0400-
			.512			*1.969*	*2.362*	*1.378*	*2.244*	*2175*			
		C5	25.0	3	C2R-CC5-R/LH25CB	50	75.0	35.0	57.0	150	5.5	0.76	C2I-H2N-0400-
			.984			*1.969*	*2.953*	*1.378*	*2.244*	*2175*			
		C6	13.0	3	C2R-CC6-R/LH13CB	63	65.0	45.0	64.5	150	4.5	1.21	C2I-H2N-0400-
			.512			*2.480*	*2.559*	*1.772*	*2.539*	*2175*			
		C6	20.0	3	C2R-CC6-R/LH20CB	63	70.0	45.0	64.5	150	4.5	1.17	C2I-H2N-0400-
			.787			*2.480*	*2.756*	*1.772*	*2.539*	*2175*			
		C6	25.0	3	C2R-CC6-R/LH25CB	63	75.0	45.0	64.5	150	5.5	1.16	C2I-H2N-0400-
			.984			*2.480*	*2.953*	*1.772*	*2.539*	*2175*			
		C8	25.0	3	C2R-CC8-R/LH25CB	80	85.0	51.0	81.0	150	5.5	2.36	C2I-H2N-0400-
			.984			*3.150*	*3.346*	*2.008*	*3.188*	*2175*			
	J	C4	13.0	3	C2R-CC4-R/LJ13CB	40	60.0	27.0	45.0	150	4.5	0.46	C2I-J2N-0500-
			.512			*1.575*	*2.362*	*1.063*	*1.771*	*2175*			
		C4	20.0	3	C2R-CC4-R/LJ20CB	40	70.0	27.0	45.0	150	4.5	0.50	C2I-J2N-0500-
			.787			*1.575*	*2.756*	*1.063*	*1.771*	*2175*			
		C4	25.0	3	C2R-CC4-R/LJ25CB	40	75.0	27.0	45.0	150	5.5	0.49	C2I-J2N-0500-
			.984			*1.575*	*2.953*	*1.063*	*1.771*	*2175*			
		C5	13.0	3	C2R-CC5-R/LJ13CB	50	60.0	35.0	57.0	150	4.5	0.73	C2I-J2N-0500-
			.512			*1.969*	*2.362*	*1.378*	*2.244*	*2175*			
		C5	25.0	3	C2R-CC5-R/LJ25CB	50	75.0	35.0	57.0	150	5.5	0.77	C2I-J2N-0500-
			.984			*1.969*	*2.953*	*1.378*	*2.244*	*2175*			
		C6	13.0	3	C2R-CC6-R/LJ13CB	63	65.0	45.0	64.5	150	4.5	1.21	C2I-J2N-0500-
			.512			*2.480*	*2.559*	*1.772*	*2.539*	*2175*			
		C6	25.0	3	C2R-CC6-R/LJ25CB	63	75.0	45.0	64.5	150	5.5	1.17	C2I-J2N-0500-
			.984			*2.480*	*2.953*	*1.772*	*2.539*	*2175*			
		C8	13.0	3	C2R-CC8-R/LJ13CB	80	70.0	42.0	81.0	150	4.5	2.24	C2I-J2N-0500-
			.512			*3.150*	*2.756*	*1.654*	*3.188*	*2175*			
		C8	25.0	3	C2R-CC8-R/LJ25CB	80	85.0	51.0	81.0	150	5.5	2.37	C2I-J2N-0500-
			.984			*3.150*	*3.346*	*2.008*	*3.188*	*2175*			

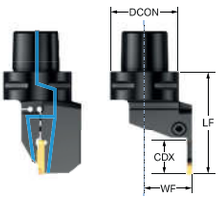
SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

CoroCut® 2 cutting unit for parting and grooving

Screw clamp design

Coromant Capto® - Precision coolant supply



	SSC	CZC_{MS}	CDX	CNSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	LF	WF	OAH	BAR PSI	NM	KG	MIID
	K	C4	15.0	3	C2R-CC4-R/LK15CB	40	65.0	27.0	45.0	150	4.5	0.50	C2I-K2N-0600-
			.591			*1.575*	*2.559*	*1.063*	*1.771*	*2175*			
		C4	20.0	3	C2R-CC4-R/LK20CB	40	70.0	27.0	45.0	150	4.5	0.51	C2I-K2N-0600-
			.787			*1.575*	*2.756*	*1.063*	*1.771*	*2175*			
		C4	25.0	3	C2R-CC4-R/LK25CB	40	75.0	27.0	45.0	150	5.5	0.49	C2I-K2N-0600-
			.984			*1.575*	*2.953*	*1.063*	*1.771*	*2175*			
		C5	15.0	3	C2R-CC5-R/LK15CB	50	65.0	35.0	57.0	150	4.5	0.78	C2I-K2N-0600-
			.591			*1.969*	*2.559*	*1.378*	*2.244*	*2175*			
		C5	25.0	3	C2R-CC5-R/LK25CB	50	75.0	35.0	57.0	150	5.5	0.78	C2I-K2N-0600-
			.984			*1.969*	*2.953*	*1.378*	*2.244*	*2175*			
		C6	15.0	3	C2R-CC6-R/LK15CB	63	65.0	45.0	64.5	150	4.5	1.18	C2I-K2N-0600-
			.591			*2.480*	*2.559*	*1.772*	*2.539*	*2175*			
		C6	25.0	3	C2R-CC6-R/LK25CB	63	75.0	45.0	64.5	150	5.5	1.17	C2I-K2N-0600-
			.984			*2.480*	*2.953*	*1.772*	*2.539*	*2175*			
		C8	16.0	3	C2R-CC8-R/LK16CB	80	75.0	42.0	81.0	150	4.5	2.31	C2I-K2N-0600-
			.630			*3.150*	*2.953*	*1.654*	*3.188*	*2175*			
		C8	25.0	3	C2R-CC8-R/LK25CB	80	85.0	51.0	81.0	150	5.5	2.38	C2I-K2N-0600-
			.984			*3.150*	*3.346*	*2.008*	*3.188*	*2175*			
	L	C5	13.0	3	C2R-CC5-R/LL13CB	50	65.0	35.0	59.0	150	6.5	0.81	C2I-L2N-0800-
			.512			*1.969*	*2.559*	*1.378*	*2.322*	*2175*			
		C5	25.0	3	C2R-CC5-R/LL25CB	50	75.0	35.0	59.0	150	6.5	0.80	C2I-L2N-0800-
			.984			*1.969*	*2.953*	*1.378*	*2.322*	*2175*			
		C6	15.0	3	C2R-CC6-R/LL15CB	63	70.0	45.0	66.5	150	6.5	1.28	C2I-L2N-0800-
			.591			*2.480*	*2.756*	*1.772*	*2.618*	*2175*			
		C6	25.0	3	C2R-CC6-R/LL25CB	63	80.0	45.0	66.5	150	6.5	1.30	C2I-L2N-0800-
			.984			*2.480*	*3.150*	*1.772*	*2.618*	*2175*			
		C6	30.0	3	C2R-CC6-R/LL30CB	63	85.0	45.0	66.5	150	6.5	1.28	C2I-L2N-0800-
			1.181			*2.480*	*3.346*	*1.772*	*2.618*	*2175*			
		C8	25.0	3	C2R-CC8-R/LL25CB	80	85.0	42.0	81.0	150	6.5	2.33	C2I-L2N-0800-
			.984			*3.150*	*3.346*	*1.654*	*3.188*	*2175*			
		C8	32.0	3	C2R-CC8-R/LL32CB	80	90.0	51.0	81.0	150	6.5	2.32	C2I-L2N-0800-
			1.260			*3.150*	*3.543*	*2.008*	*3.188*	*2175*			

SSC = To correspond with SSC on insert.

R = Right hand, L = Left hand

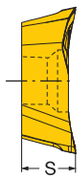
ENG

Milling

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

CoroMill® MH20 insert for milling

KRINS 15°



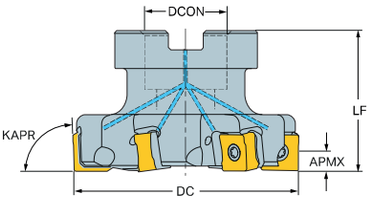
		SSC	REEQ	Ordering code	M 1040	M 2040	M S30T	M S40T	S 2040	S S30T	S S40T	Dimensions, mm, inch W1	LE	S
Medium	L50	06	2,0	MH20-060320E-L50	★	☆	☆	☆	☆	★	☆	6,4	4,5	3,42
			,079									,252	,177	,135
		08	2,5	MH20-080425E-L50	★	☆	☆	☆	☆	★	☆	8,5	5,9	4,03
			,098									,335	,232	,159

ENG

CoroMill® MF80 face milling cutter

Arbor - Internal coolant supply

STDNO ISO6462
KAPR 89°



Metric version

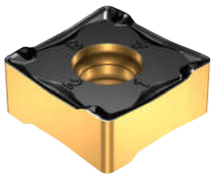
DC	SSC	CZC_{MS}	APMX	CNSC			Ordering code	Dimensions, mm $DCON_{MS}$	ISO	DCX	LF	NM	KG	RPMX	CICT	MIID
63.0	13	22	9.0	1		5	MF80-R063Q22-13M	22.0	A	63.4	40.0	3.0	0.40	11800	5	1305
80.0	13	27	9.0	1		6	MF80-R080Q27-13M	27.0	A	80.4	50.0	3.0	0.74	10400	6	1305
	13	27	9.0	1	8		MF80-R080Q27-13H	27.0	A	80.4	50.0	3.0	0.71	10400	8	1305
100.0	13	32	9.0	1		8	MF80-R100Q32-13M	32.0	B	100.4	50.0	3.0	1.00	9300	8	1305
	13	32	9.0	1	10		MF80-R100Q32-13H	32.0	B	100.4	50.0	3.0	0.97	9300	10	1305
125.0	13	40	9.0	1		10	MF80-R125Q40-13M	40.0	B	125.4	63.0	3.0	1.85	8300	10	1305
	13	40	9.0	1	12		MF80-R125Q40-13H	40.0	B	125.4	63.0	3.0	1.61	8300	12	1305

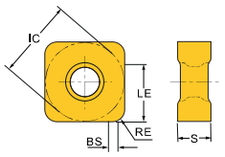
Inch version

DC	SSC	CZC_{MS}	APMX	CNSC			Ordering code	Dimensions, inch $DCON_{MS}$	ISO	DCX	LF	FT/LBS	LBS	RPMX	CICT	MIID
2.500	13	1	.354	1		5	MF80-AR063R25-13M	1.000	A	2.516	1.575	2.2	0.97	11700	5	1305
3.000	13	1	.354	1		6	MF80-AR076R25-13M	1.000	A	3.016	1.969	2.2	1.53	10700	6	1305
	13	1	.354	1	8		MF80-AR076R25-13H	1.000	A	3.016	1.969	2.2	1.65	10700	8	1305
4.000	13	1 1/2	.354	1		8	MF80-AR102R38-13M	1.500	B	4.016	1.969	2.2	2.32	9200	8	1305
	13	1 1/2	.354	1	10		MF80-AR102R38-13H	1.500	B	4.016	1.969	2.2	2.24	9200	10	1305
5.000	13	1 1/2	.354	1		10	MF80-AR127R38-13M	1.500	B	5.016	2.480	2.2	3.65	8300	10	1305
	13	1 1/2	.354	1	12		MF80-AR127R38-13H	1.500	B	5.016	2.480	2.2	3.65	8300	12	1305

CoroMill® MF80 insert for milling

KRINS 89°





		SSC	RE	Ordering code	P 1130	P 4330	K 1020	K 3330	K 4330	Dimensions, mm, inch IC	LE	S	BS
Medium	M50	13	0,80	MF80-130508M-M50	☆	★	☆	★	☆	13,0	9,0	5,00	1,6
			.031							.512	.354	.197	.063

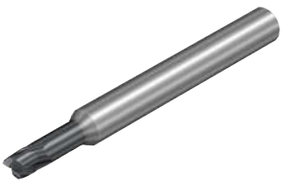
ENG

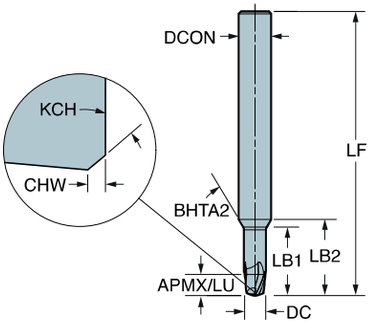
CoroMill® Dura solid carbide end mill for general machining

For multi-materials

1K212 – 1xD

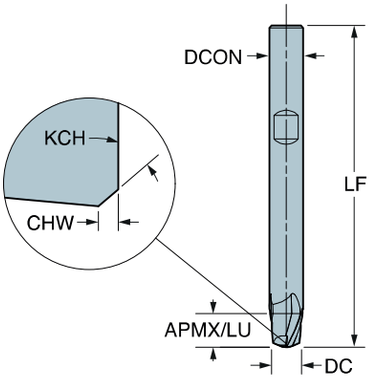
FHA	28°
BSG	COROMANT
TCDC	e8
TCDCON	h6
ZEFP	2





Metric version

DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	P 1730	M 1730	K 1730	N 1730	S 1730	Dimensions, mm $DCON_{MS}$	LF	LB_1	LB_2	$BHTA_2$
2.0	6	2.0			2.0	2	28°	1K212-0200-XA	★	★	★	★	★	6.0	50.0	8.5	12.0	30°
3.0	6	3.0	0.08	45°	3.0	2	28°	1K212-0300-XA	★	★	★	★	★	6.0	50.0	10.0	12.6	30°
3.8	6	3.8	0.08	45°	3.8	2	28°	1K212-0380-XA	★	★	★	★	★	6.0	54.0	12.7	14.6	30°
4.0	6	4.0	0.13	45°	4.0	2	28°	1K212-0400-XA	★	★	★	★	★	6.0	54.0	12.5	14.2	30°
4.8	6	4.8	0.13	45°	4.8	2	28°	1K212-0480-XA	★	★	★	★	★	6.0	54.0	15.0	16.0	30°
5.0	6	5.0	0.13	45°	5.0	2	28°	1K212-0500-XA	★	★	★	★	★	6.0	54.0	14.0	14.9	30°
5.8	6	5.8	0.13	45°	5.8	2	28°	1K212-0580-XA	★	★	★	★	★	6.0	57.0	16.3	16.5	30°



Metric version

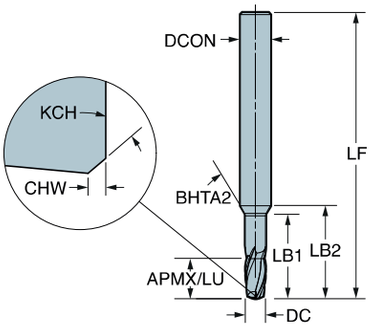
DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	P 1730	M 1730	K 1730	N 1730	S 1730	Dimensions, mm $DCON_{MS}$	LF	LB_1
6.0	6	6.0	0.13	45°	6.0	2	28°	1K212-0600-XB	★	★	★	★	★	6.0	57.0	
7.8	8	7.8	0.13	45°	7.8	2	28°	1K212-0780-XB	★	★	★	★	★	8.0	63.0	21.1
8.0	8	8.0	0.20	45°	8.0	2	28°	1K212-0800-XB	★	★	★	★	★	8.0	63.0	
9.7	10	9.7	0.20	45°	9.7	2	28°	1K212-0970-XB	★	★	★	★	★	10.0	72.0	26.2
10.0	10	10.0	0.20	45°	10.0	2	28°	1K212-1000-XB	★	★	★	★	★	10.0	72.0	
11.7	12	11.7	0.20	45°	11.7	2	28°	1K212-1170-XB	★	★	★	★	★	12.0	83.0	30.5
12.0	12	12.0	0.20	45°	12.0	2	28°	1K212-1200-XB	★	★	★	★	★	12.0	83.0	
16.0	16	16.0	0.20	45°	16.0	2	28°	1K212-1600-XB	★	★	★	★	★	16.0	92.0	
20.0	20	20.0	0.30	45°	20.0	2	28°	1K212-2000-XB	★	★	★	★	★	20.0	92.0	

CoroMill® Dura solid carbide end mill for general machining

For multi-materials

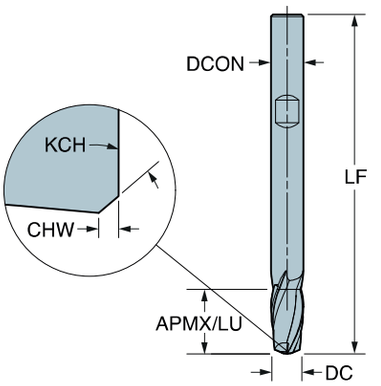
1K232 – 2xD

FHA	28°
BSG	COROMANT
TCDC	e8
TCDCON	h6
ZEFP	2



Metric version

DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	P 1730	M 1730	K 1730	N 1730	S 1730	Dimensions, mm $DCON_{MS}$	LF	LB_1	LB_2	$BHTA_2$
1.0	6	2.0			2.0	2	28°	1K232-0100-XA	★	★	★	★	★	6.0	50.0	8.0	12.3	30°
2.0	6	4.0			4.0	2	28°	1K232-0200-XA	★	★	★	★	★	6.0	57.0	10.5	14.0	30°
3.0	6	6.0	0.08	45°	6.0	2	28°	1K232-0300-XA	★	★	★	★	★	6.0	57.0	13.0	15.6	30°
4.0	6	8.0	0.13	45°	8.0	2	28°	1K232-0400-XA	★	★	★	★	★	6.0	57.0	16.5	18.2	30°
5.0	6	10.0	0.13	45°	10.0	2	28°	1K232-0500-XA	★	★	★	★	★	6.0	57.0	19.0	19.9	30°



Metric version

DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	P 1730	M 1730	K 1730	N 1730	S 1730	Dimensions, mm $DCON_{MS}$	LF
6.0	6	12.0	0.13	45°	12.0	2	28°	1K232-0600-XB	★	★	★	★	★	6.0	63.0
8.0	8	16.0	0.20	45°	16.0	2	28°	1K232-0800-XB	★	★	★	★	★	8.0	72.0
10.0	10	20.0	0.20	45°	20.0	2	28°	1K232-1000-XB	★	★	★	★	★	10.0	82.0
12.0	12	24.0	0.20	45°	24.0	2	28°	1K232-1200-XB	★	★	★	★	★	12.0	92.0
16.0	16	32.0	0.20	45°	32.0	2	28°	1K232-1600-XB	★	★	★	★	★	16.0	104.0
20.0	20	40.0	0.30	45°	40.0	2	28°	1K232-2000-XB	★	★	★	★	★	20.0	114.0

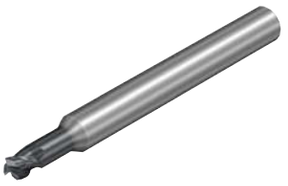
ENG

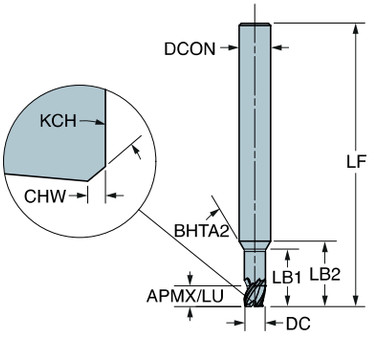
CoroMill® Dura solid carbide end mill for general machining

For multi-materials

1K313 – 1xD

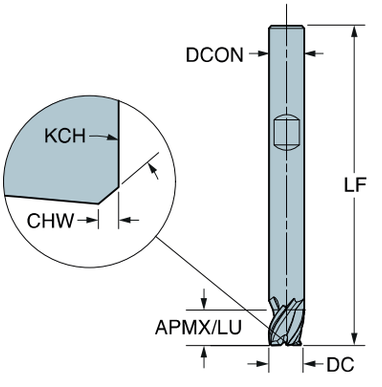
FHA	38°
BSG	COROMANT
TCDC	d8
TCDCON	h6
ZEFP	3





Metric version

DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	P 1730	M 1730	K 1730	N 1730	S 1730	Dimensions, mm $DCON_{MS}$	LF	LB_1	LB_2	$BHTA_2$
2.0	6	2.0			2.0	3	38°	1K313-0200-XA	★	★	★	★	★	6.0	50.0	6.0	9.5	30°
3.0	6	3.0	0.08	45°	3.0	3	38°	1K313-0300-XA	★	★	★	★	★	6.0	50.0	8.5	11.1	30°
3.5	6	3.5	0.08	45°	3.5	3	38°	1K313-0350-XA	★	★	★	★	★	6.0	50.0	9.9	12.1	30°
3.8	6	3.8	0.08	45°	3.8	3	38°	1K313-0380-XA	★	★	★	★	★	6.0	54.0	10.8	12.7	30°
4.0	6	4.0	0.13	45°	4.0	3	38°	1K313-0400-XA	★	★	★	★	★	6.0	54.0	10.5	12.2	30°
4.5	6	4.5	0.13	45°	4.5	3	38°	1K313-0450-XA	★	★	★	★	★	6.0	54.0	11.8	13.1	30°
4.8	6	4.8	0.13	45°	4.8	3	38°	1K313-0480-XA	★	★	★	★	★	6.0	54.0	12.6	13.6	30°
5.0	6	5.0	0.13	45°	5.0	3	38°	1K313-0500-XA	★	★	★	★	★	6.0	54.0	12.0	12.9	30°
5.8	6	5.8	0.13	45°	5.8	3	38°	1K313-0580-XA	★	★	★	★	★	6.0	54.0	13.9	14.1	30°



Metric version

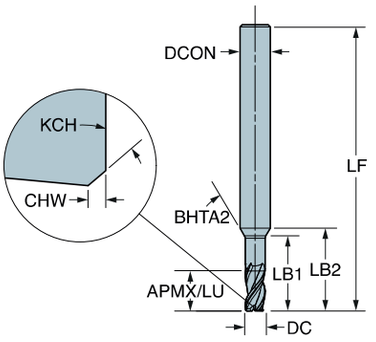
DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	P 1730	M 1730	K 1730	N 1730	S 1730	Dimensions, mm $DCON_{MS}$	LF	LB_1
6.0	6	6.0	0.13	45°	6.0	3	38°	1K313-0600-XB	★	★	★	★	★	6.0	54.0	
7.8	8	7.8	0.13	45°	7.8	3	38°	1K313-0780-XB	★	★	★	★	★	8.0	58.0	17.9
8.0	8	8.0	0.20	45°	8.0	3	38°	1K313-0800-XB	★	★	★	★	★	8.0	58.0	
9.7	10	9.7	0.20	45°	9.7	3	38°	1K313-0970-XB	★	★	★	★	★	10.0	66.0	22.3
10.0	10	10.0	0.20	45°	10.0	3	38°	1K313-1000-XB	★	★	★	★	★	10.0	66.0	
11.7	12	11.7	0.20	45°	11.7	3	38°	1K313-1170-XB	★	★	★	★	★	12.0	73.0	25.7
12.0	12	12.0	0.20	45°	12.0	3	38°	1K313-1200-XB	★	★	★	★	★	12.0	73.0	
16.0	16	16.0	0.20	45°	16.0	3	38°	1K313-1600-XB	★	★	★	★	★	16.0	82.0	
20.0	20	20.0	0.30	45°	20.0	3	38°	1K313-2000-XB	★	★	★	★	★	20.0	92.0	

CoroMill® Dura solid carbide end mill for general machining

For multi-materials

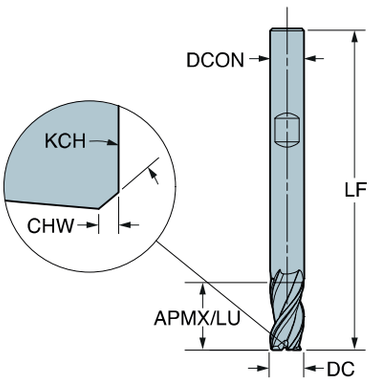
1K333 – 2xD

FHA	38°
BSG	COROMANT
TCDC	d8
TCDCON	h6
ZEFP	3



Metric version

DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	P 1730	M 1730	K 1730	N 1730	S 1730	Dimensions, mm $DCON_{MS}$	LF	LB_1	LB_2	$BHTA_2$
1.0	6	2.0			2.0	3	38°	1K333-0100-XA	★	★	★	★	★	6.0	50.0	9.0	13.3	30°
1.5	6	3.0			3.0	3	38°	1K333-0150-XA	★	★	★	★	★	6.0	50.0	8.0	11.9	30°
1.8	6	3.6			3.6	3	38°	1K333-0180-XA	★	★	★	★	★	6.0	50.0	8.0	11.6	30°
2.0	6	4.0			4.0	3	38°	1K333-0200-XA	★	★	★	★	★	6.0	50.0	8.0	11.5	30°
2.5	6	5.0	0.08	45°	5.0	3	38°	1K333-0250-XA	★	★	★	★	★	6.0	50.0	10.0	13.0	30°
2.8	6	5.6	0.08	45°	5.6	3	38°	1K333-0280-XA	★	★	★	★	★	6.0	57.0	11.2	11.5	30°
3.0	6	6.0	0.08	45°	6.0	3	38°	1K333-0300-XA	★	★	★	★	★	6.0	57.0	11.5	14.1	30°
3.5	6	7.0	0.08	45°	7.0	3	38°	1K333-0350-XA	★	★	★	★	★	6.0	57.0	13.4	15.6	30°
4.0	6	8.0	0.13	45°	8.0	3	38°	1K333-0400-XA	★	★	★	★	★	6.0	57.0	14.5	16.2	30°
4.5	6	9.0	0.13	45°	9.0	3	38°	1K333-0450-XA	★	★	★	★	★	6.0	57.0	16.3	17.6	30°
4.8	6	9.6	0.13	45°	9.6	3	38°	1K333-0480-XA	★	★	★	★	★	6.0	57.0	17.4	18.4	30°
5.0	6	10.0	0.13	45°	10.0	3	38°	1K333-0500-XA	★	★	★	★	★	6.0	57.0	17.0	17.9	30°
5.5	6	11.0	0.13	45°	11.0	3	38°	1K333-0550-XA	★	★	★	★	★	6.0	57.0	18.7	19.1	30°



Metric version

DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	P 1730	M 1730	K 1730	N 1730	S 1730	Dimensions, mm $DCON_{MS}$	LF	LB_1
6.0	6	12.0	0.13	45°	12.0	3	38°	1K333-0600-XB	★	★	★	★	★	6.0	57.0	
6.5	8	13.0	0.13	45°	13.0	3	38°	1K333-0650-XB	★	★	★	★	★	8.0	63.0	21.5
8.0	8	16.0	0.20	45°	16.0	3	38°	1K333-0800-XB	★	★	★	★	★	8.0	63.0	
10.0	10	20.0	0.20	45°	20.0	3	38°	1K333-1000-XB	★	★	★	★	★	10.0	72.0	
12.0	12	24.0	0.20	45°	24.0	3	38°	1K333-1200-XB	★	★	★	★	★	12.0	83.0	
16.0	16	32.0	0.20	45°	32.0	3	38°	1K333-1600-XB	★	★	★	★	★	16.0	100.0	
20.0	20	40.0	0.30	45°	40.0	3	38°	1K333-2000-XB	★	★	★	★	★	20.0	114.0	

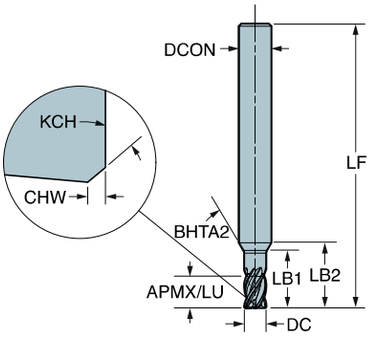
ENG

CoroMill® Dura solid carbide end mill for general machining

For multi-materials

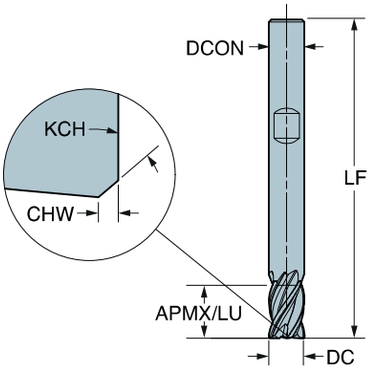
1K324 – 1.5xD

FHA	36°
BSG	COROMANT
TCDC	h10
TCDCON	h6
ZEFP	4



Metric version

DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	P 1730	M 1730	K 1730	N 1730	S 1730	Dimensions, mm $DCON_{MS}$	LF	LB_1	LB_2	$BHTA_2$
2.0	6	3.0			3.0	4	36°	1K324-0200-XA	★	★	★	★	★	6.0	50.0	9.0	12.5	30°
3.0	6	4.5	0.08	45°	4.5	4	36°	1K324-0300-XA	★	★	★	★	★	6.0	50.0	8.0	10.6	30°
4.0	6	6.0	0.13	45°	6.0	4	35°	1K324-0400-XA	★	★	★	★	★	6.0	54.0	10.0	11.7	30°
5.0	6	7.5	0.13	45°	7.5	4	35°	1K324-0500-XA	★	★	★	★	★	6.0	54.0	13.0	13.9	30°



Metric version

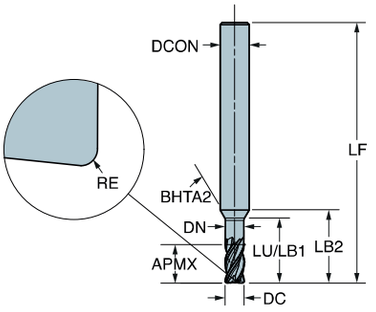
DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	P 1730	M 1730	K 1730	N 1730	S 1730	Dimensions, mm $DCON_{MS}$	LF
6.0	6	9.0	0.13	45°	9.0	4	35°	1K324-0600-XB	★	★	★	★	★	6.0	54.0
8.0	8	12.0	0.20	45°	12.0	4	35°	1K324-0800-XB	★	★	★	★	★	8.0	58.0
10.0	10	15.0	0.20	45°	15.0	4	35°	1K324-1000-XB	★	★	★	★	★	10.0	66.0
12.0	12	18.0	0.20	45°	18.0	4	35°	1K324-1200-XB	★	★	★	★	★	12.0	73.0
16.0	16	24.0	0.20	45°	24.0	4	35°	1K324-1600-XB	★	★	★	★	★	16.0	92.0
20.0	20	30.0	0.30	45°	30.0	4	35°	1K324-2000-XB	★	★	★	★	★	20.0	104.0

CoroMill® Dura solid carbide end mill for general machining

For multi-materials

1K334 – 2xD

FHA	36°
BSG	COROMANT
TCDC	h10
TCDCON	h6
ZEFP	4



Metric version

DC	CZC_{MS}	APMX	RE	LU	ZEFP	FHA	Ordering code	P 1730	M 1730	K 1730	N 1730	S 1730	Dimensions, mm $DCON_{MS}$	LF	DN	LB_1	LB_2	$BHTA_2$
2.0	6	4.0	0.20	10.0	4	36°	1K334-0200-020-XC	★	★	★	★	★	6.0	50.0	1.9	10.0	13.5	30°
	6	4.0	0.50	10.0	4	36°	1K334-0200-050-XC	★	★	★	★	★	6.0	50.0	1.9	10.0	13.5	30°
3.0	6	6.0	0.20	10.0	4	36°	1K334-0300-020-XC	★	★	★	★	★	6.0	50.0	2.9	10.0	12.7	30°
	6	6.0	0.50	10.0	4	36°	1K334-0300-050-XC	★	★	★	★	★	6.0	50.0	2.9	10.0	12.7	30°
4.0	6	8.0	0.50	13.0	4	35°	1K334-0400-050-XC	★	★	★	★	★	6.0	54.0	3.8	13.0	14.9	30°
	6	8.0	1.00	13.0	4	35°	1K334-0400-100-XC	★	★	★	★	★	6.0	54.0	3.8	13.0	14.9	30°
5.0	6	10.0	0.50	16.0	4	35°	1K334-0500-050-XC	★	★	★	★	★	6.0	54.0	4.8	16.0	17.0	30°
	6	10.0	1.00	16.0	4	35°	1K334-0500-100-XC	★	★	★	★	★	6.0	54.0	4.8	16.0	17.0	30°

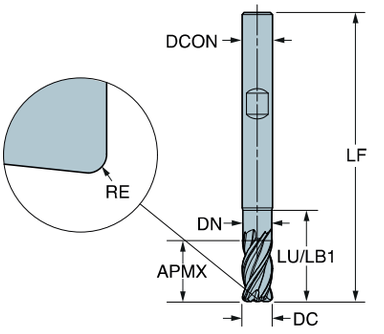
ENG

CoroMill® Dura solid carbide end mill for general machining

For multi-materials

1K334 – 2xD

FHA	35°
BSG	COROMANT
TCDC	h10
TCDCON	h6
ZEFP	4



Metric version

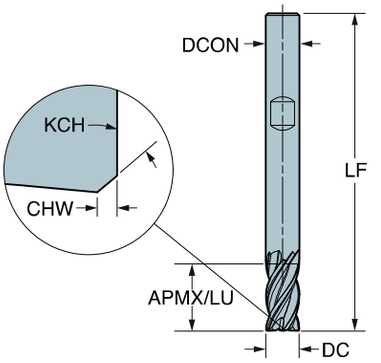
								P	M	K	N	S	Dimensions, mm			
DC	CZC_{MS}	APMX	RE	LU	ZEFP	FHA	Ordering code	1730	1730	1730	1730	1730	$DCON_{MS}$	LF	DN	LB_1
6.0	6	13.0	0.50	19.0	4	35°	1K334-0600-050-XD	★	★	★	★	★	6.0	57.0	5.8	19.0
	6	13.0	1.00	19.0	4	35°	1K334-0600-100-XD	★	★	★	★	★	6.0	57.0	5.8	19.0
8.0	8	19.0	0.50	26.5	4	35°	1K334-0800-050-XD	★	★	★	★	★	8.0	63.0	7.7	26.5
	8	19.0	1.00	26.5	4	35°	1K334-0800-100-XD	★	★	★	★	★	8.0	63.0	7.7	26.5
	8	19.0	2.00	26.5	4	35°	1K334-0800-200-XD	★	★	★	★	★	8.0	63.0	7.7	26.5
10.0	10	22.0	0.50	31.0	4	35°	1K334-1000-050-XD	★	★	★	★	★	10.0	72.0	9.6	31.0
	10	22.0	1.00	31.0	4	35°	1K334-1000-100-XD	★	★	★	★	★	10.0	72.0	9.6	31.0
	10	22.0	2.00	31.0	4	35°	1K334-1000-200-XD	★	★	★	★	★	10.0	72.0	9.6	31.0
	10	22.0	3.00	31.0	4	35°	1K334-1000-300-XD	★	★	★	★	★	10.0	72.0	9.6	31.0
12.0	12	26.0	0.50	36.0	4	35°	1K334-1200-050-XD	★	★	★	★	★	12.0	83.0	11.5	36.0
	12	26.0	1.00	36.0	4	35°	1K334-1200-100-XD	★	★	★	★	★	12.0	83.0	11.5	36.0
	12	26.0	2.00	36.0	4	35°	1K334-1200-200-XD	★	★	★	★	★	12.0	83.0	11.5	36.0
	12	26.0	4.00	36.0	4	35°	1K334-1200-400-XD	★	★	★	★	★	12.0	83.0	11.5	36.0
16.0	16	32.0	0.50	48.0	4	35°	1K334-1600-050-XD	★	★	★	★	★	16.0	100.0	15.4	48.0
	16	32.0	1.00	48.0	4	35°	1K334-1600-100-XD	★	★	★	★	★	16.0	100.0	15.4	48.0
	16	32.0	2.00	48.0	4	35°	1K334-1600-200-XD	★	★	★	★	★	16.0	100.0	15.4	48.0
	16	32.0	4.00	48.0	4	35°	1K334-1600-400-XD	★	★	★	★	★	16.0	100.0	15.4	48.0
20.0	20	40.0	0.50	60.0	4	35°	1K334-2000-050-XD	★	★	★	★	★	20.0	114.0	19.2	60.0
	20	40.0	1.00	60.0	4	35°	1K334-2000-100-XD	★	★	★	★	★	20.0	114.0	19.2	60.0
	20	40.0	2.00	60.0	4	35°	1K334-2000-200-XD	★	★	★	★	★	20.0	114.0	19.2	60.0
	20	40.0	3.00	60.0	4	35°	1K334-2000-300-XD	★	★	★	★	★	20.0	114.0	19.2	60.0
	20	40.0	4.00	60.0	4	35°	1K334-2000-400-XD	★	★	★	★	★	20.0	114.0	19.2	60.0

CoroMill® Dura solid carbide end mill for general machining

For multi-materials

1K334 – 2xD

FHA	35°
BSG	COROMANT
TCDC	h10
TCDCON	h6
ZEFP	4



Metric version

DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	P 1730	M 1730	K 1730	N 1730	S 1730	Dimensions, mm $DCON_{MS}$	LF
6.0	6	13.0	0.13	45°	13.0	4	35°	1K334-0600-XB	★	★	★	★	★	6.0	57.0
8.0	8	19.0	0.20	45°	19.0	4	35°	1K334-0800-XB	★	★	★	★	★	8.0	63.0
10.0	10	22.0	0.20	45°	22.0	4	35°	1K334-1000-XB	★	★	★	★	★	10.0	72.0
12.0	12	26.0	0.20	45°	26.0	4	35°	1K334-1200-XB	★	★	★	★	★	12.0	83.0
16.0	16	32.0	0.20	45°	32.0	4	35°	1K334-1600-XB	★	★	★	★	★	16.0	100.0
20.0	20	40.0	0.30	45°	40.0	4	35°	1K334-2000-XB	★	★	★	★	★	20.0	114.0

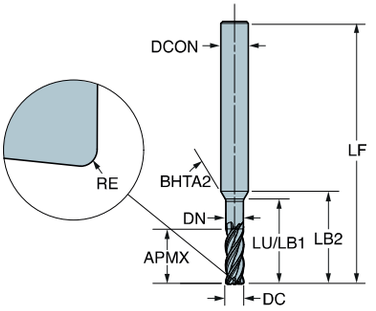
ENG

CoroMill® Dura solid carbide end mill for general machining

For multi-materials

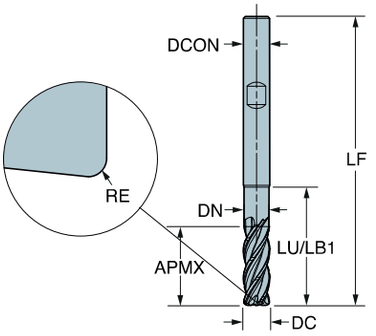
1K354 – 3xD

FHA	36°
BSG	COROMANT
TCDC	h10
TCDCON	h6
ZEFP	4



Metric version

DC	CZC_{MS}	APMX	RE	LU	ZEFP	FHA	Ordering code	P 1730	M 1730	K 1730	N 1730	S 1730	Dimensions, mm $DCON_{MS}$	LF	DN	LB_1	LB_2	$BHTA_2$
2.0	6	6.0	0.20	12.0	4	36°	1K354-0200-020-XC	★	★	★	★	★	6.0	57.0	1.9	12.0	15.5	30°
	6	6.0	0.50	12.0	4	36°	1K354-0200-050-XC	★	★	★	★	★	6.0	57.0	1.9	12.0	15.5	30°
3.0	6	9.0	0.20	13.5	4	36°	1K354-0300-020-XC	★	★	★	★	★	6.0	57.0	2.9	13.5	16.2	30°
	6	9.0	0.50	13.5	4	36°	1K354-0300-050-XC	★	★	★	★	★	6.0	57.0	2.9	13.5	16.2	30°
3.5	6	9.0	0.20	15.8	4	35°	1K354-0350-020-XC	★	★	★	★	★	6.0	57.0	3.4	15.8	18.0	30°
4.0	6	12.0	0.20	18.0	4	35°	1K354-0400-020-XC	★	★	★	★	★	6.0	57.0	3.8	18.0	19.9	30°
	6	12.0	0.50	18.0	4	35°	1K354-0400-050-XC	★	★	★	★	★	6.0	57.0	3.8	18.0	19.9	30°
5.0	6	15.0	0.50	22.5	4	35°	1K354-0500-050-XC	★	★	★	★	★	6.0	66.0	4.8	22.5	23.5	30°
	6	15.0	1.00	22.5	4	35°	1K354-0500-100-XC	★	★	★	★	★	6.0	66.0	4.8	22.5	23.5	30°



Metric version

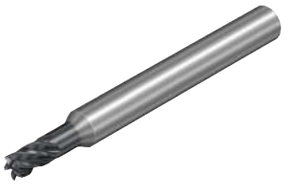
DC	CZC_{MS}	APMX	RE	LU	ZEFP	FHA	Ordering code	P 1730	M 1730	K 1730	N 1730	S 1730	Dimensions, mm $DCON_{MS}$	LF	DN	LB_1
6.0	6	18.0	0.50	27.0	4	35°	1K354-0600-050-XD	★	★	★	★	★	6.0	66.0	5.8	27.0
	6	18.0	1.00	27.0	4	35°	1K354-0600-100-XD	★	★	★	★	★	6.0	66.0	5.8	27.0
8.0	8	24.0	0.50	36.0	4	35°	1K354-0800-050-XD	★	★	★	★	★	8.0	73.0	7.7	36.0
	8	24.0	1.00	36.0	4	35°	1K354-0800-100-XD	★	★	★	★	★	8.0	73.0	7.7	36.0
	8	24.0	2.00	36.0	4	35°	1K354-0800-200-XD	★	★	★	★	★	8.0	73.0	7.7	36.0
10.0	10	30.0	0.50	45.0	4	35°	1K354-1000-050-XD	★	★	★	★	★	10.0	87.0	9.6	45.0
	10	30.0	1.00	45.0	4	35°	1K354-1000-100-XD	★	★	★	★	★	10.0	87.0	9.6	45.0
	10	30.0	2.00	45.0	4	35°	1K354-1000-200-XD	★	★	★	★	★	10.0	87.0	9.6	45.0
12.0	12	36.0	1.00	54.0	4	35°	1K354-1200-100-XD	★	★	★	★	★	12.0	104.0	11.5	54.0
	12	36.0	2.00	54.0	4	35°	1K354-1200-200-XD	★	★	★	★	★	12.0	104.0	11.5	54.0
	12	36.0	3.00	54.0	4	35°	1K354-1200-300-XD	★	★	★	★	★	12.0	104.0	11.5	54.0
16.0	16	48.0	1.00	72.0	4	35°	1K354-1600-100-XD	★	★	★	★	★	16.0	126.0	15.4	72.0
	16	48.0	2.00	72.0	4	35°	1K354-1600-200-XD	★	★	★	★	★	16.0	126.0	15.4	72.0
	16	48.0	3.00	72.0	4	35°	1K354-1600-300-XD	★	★	★	★	★	16.0	126.0	15.4	72.0
20.0	20	60.0	2.50	90.0	4	35°	1K354-2000-250-XD	★	★	★	★	★	20.0	142.0	19.2	90.0
	20	60.0	3.00	90.0	4	35°	1K354-2000-300-XD	★	★	★	★	★	20.0	142.0	19.2	90.0
	20	60.0	4.00	90.0	4	35°	1K354-2000-400-XD	★	★	★	★	★	20.0	142.0	19.2	90.0

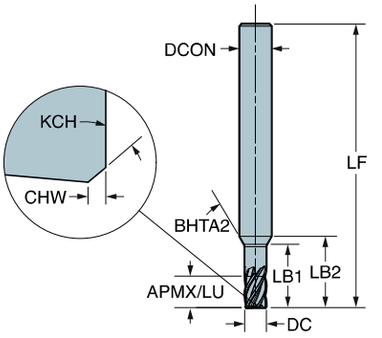
CoroMill® Dura solid carbide end mill for general machining

For multi-materials

1K325 – 1.5xD

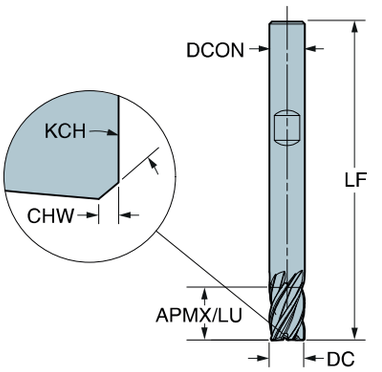
FHA	36°
BSG	COROMANT
TCDC	h10
TCDCON	h6
ZEFP	5





Metric version

DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	P 1730	M 1730	K 1730	N 1730	S 1730	Dimensions, mm $DCON_{MS}$	LF	LB_1	LB_2	$BHTA_2$
3.0	6	4.5	0.08	45°	4.5	5	36°	1K325-0300-XA	★	★	★	★	★	6.0	50.0	8.7	11.3	30°
4.0	6	6.0	0.13	45°	6.0	5	36°	1K325-0400-XA	★	★	★	★	★	6.0	54.0	11.6	13.3	30°
5.0	6	7.5	0.13	45°	7.5	5	36°	1K325-0500-XA	★	★	★	★	★	6.0	54.0	14.5	15.4	30°



Metric version

DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	P 1730	M 1730	K 1730	N 1730	S 1730	Dimensions, mm $DCON_{MS}$	LF
6.0	6	9.0	0.13	45°	9.0	5	36°	1K325-0600-XB	★	★	★	★	★	6.0	54.0
8.0	8	12.0	0.20	45°	12.0	5	36°	1K325-0800-XB	★	★	★	★	★	8.0	58.0
10.0	10	15.0	0.20	45°	15.0	5	36°	1K325-1000-XB	★	★	★	★	★	10.0	66.0
12.0	12	18.0	0.20	45°	18.0	5	36°	1K325-1200-XB	★	★	★	★	★	12.0	73.0
16.0	16	24.0	0.20	45°	24.0	5	36°	1K325-1600-XB	★	★	★	★	★	16.0	82.0
20.0	20	30.0	0.30	45°	30.0	5	36°	1K325-2000-XB	★	★	★	★	★	20.0	92.0

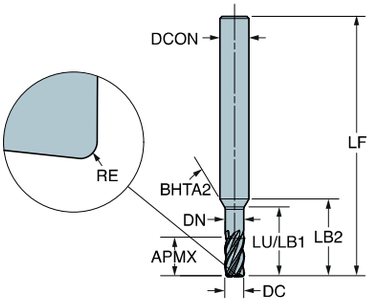
ENG

CoroMill® Dura solid carbide end mill for general machining

For multi-materials

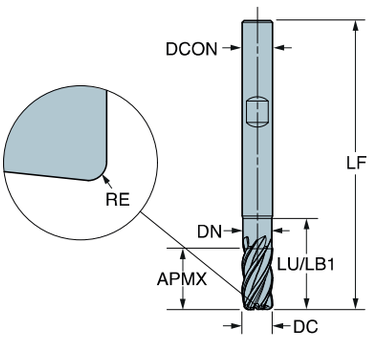
1K335 – 2xD

FHA	36°
BSG	COROMANT
TCDC	h10
TCDCON	h6
ZEFP	5



Metric version

DC	CZC_{MS}	APMX	RE	LU	ZEFP	FHA	Ordering code	P 1730	M 1730	K 1730	N 1730	S 1730	Dimensions, mm $DCON_{MS}$	LF	DN	LB_1	LB_2	$BHTA_2$
3.0	6	6.0	0.20	10.5	5	36°	1K335-0300-020-XC	★	★	★	★	★	6.0	50.0	2.9	10.5	13.2	30°
	6	6.0	0.50	10.5	5	36°	1K335-0300-050-XC	★	★	★	★	★	6.0	50.0	2.9	10.5	13.2	30°
4.0	6	8.0	0.20	14.0	5	36°	1K335-0400-020-XC	★	★	★	★	★	6.0	54.0	3.8	14.0	15.9	30°
	6	8.0	0.50	14.0	5	36°	1K335-0400-050-XC	★	★	★	★	★	6.0	54.0	3.8	14.0	15.9	30°
5.0	6	10.0	0.50	17.5	5	36°	1K335-0500-050-XC	★	★	★	★	★	6.0	57.0	4.8	17.5	18.5	30°
	6	10.0	1.00	17.5	5	36°	1K335-0500-100-XC	★	★	★	★	★	6.0	57.0	4.8	17.5	18.5	30°



Metric version

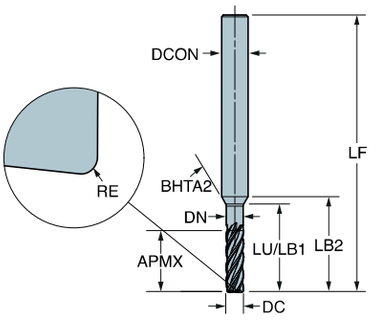
DC	CZC_{MS}	APMX	RE	LU	ZEFP	FHA	Ordering code	P 1730	M 1730	K 1730	N 1730	S 1730	Dimensions, mm $DCON_{MS}$	LF	DN	LB_1
6.0	6	12.0	0.50	18.0	5	36°	1K335-0600-050-XD	★	★	★	★	★	6.0	57.0	5.8	18.0
	6	12.0	1.00	18.0	5	36°	1K335-0600-100-XD	★	★	★	★	★	6.0	57.0	5.8	18.0
8.0	8	16.0	0.50	24.0	5	36°	1K335-0800-050-XD	★	★	★	★	★	8.0	63.0	7.7	24.0
	8	16.0	1.00	24.0	5	36°	1K335-0800-100-XD	★	★	★	★	★	8.0	63.0	7.7	24.0
	8	16.0	2.00	24.0	5	36°	1K335-0800-200-XD	★	★	★	★	★	8.0	63.0	7.7	24.0
10.0	10	20.0	0.50	30.0	5	36°	1K335-1000-050-XD	★	★	★	★	★	10.0	72.0	9.6	30.0
	10	20.0	1.00	30.0	5	36°	1K335-1000-100-XD	★	★	★	★	★	10.0	72.0	9.6	30.0
	10	20.0	2.00	30.0	5	36°	1K335-1000-200-XD	★	★	★	★	★	10.0	72.0	9.6	30.0
12.0	12	24.0	0.50	36.0	5	36°	1K335-1200-050-XD	★	★	★	★	★	12.0	83.0	11.5	36.0
	12	24.0	1.00	36.0	5	36°	1K335-1200-100-XD	★	★	★	★	★	12.0	83.0	11.5	36.0
	12	24.0	2.00	36.0	5	36°	1K335-1200-200-XD	★	★	★	★	★	12.0	83.0	11.5	36.0
	12	24.0	3.00	36.0	5	36°	1K335-1200-300-XD	★	★	★	★	★	12.0	83.0	11.5	36.0
16.0	16	32.0	0.50	48.0	5	36°	1K335-1600-050-XD	★	★	★	★	★	16.0	100.0	15.4	48.0
	16	32.0	1.00	48.0	5	36°	1K335-1600-100-XD	★	★	★	★	★	16.0	100.0	15.4	48.0
	16	32.0	2.00	48.0	5	36°	1K335-1600-200-XD	★	★	★	★	★	16.0	100.0	15.4	48.0
	16	32.0	3.00	48.0	5	36°	1K335-1600-300-XD	★	★	★	★	★	16.0	100.0	15.4	48.0
20.0	20	40.0	0.50	60.0	5	36°	1K335-2000-050-XD	★	★	★	★	★	20.0	114.0	19.2	60.0
	20	40.0	1.00	60.0	5	36°	1K335-2000-100-XD	★	★	★	★	★	20.0	114.0	19.2	60.0
	20	40.0	2.00	60.0	5	36°	1K335-2000-200-XD	★	★	★	★	★	20.0	114.0	19.2	60.0
	20	40.0	3.00	60.0	5	36°	1K335-2000-300-XD	★	★	★	★	★	20.0	114.0	19.2	60.0
	20	40.0	4.00	60.0	5	36°	1K335-2000-400-XD	★	★	★	★	★	20.0	114.0	19.2	60.0

CoroMill® Dura solid carbide end mill for general machining

For multi-materials

1K365 – 3.5xD

FHA	36°
BSG	COROMANT
TCDC	h10
TCDCON	h6
ZEFP	5



Metric version

DC	CZC_{MS}	APMX	RE	LU	ZEFP	FHA	Ordering code	P 1730	M 1730	K 1730	N 1730	S 1730	Dimensions, mm $DCON_{MS}$	LF	DN	LB_1	LB_2	$BHTA_2$
3.0	6	10.5	0.20	14.7	5	36°	1K365-0300-020-XC	★	★	★	★	★	6.0	57.0	2.9	14.7	17.4	30°
	6	10.5	0.50	14.7	5	36°	1K365-0300-050-XC	★	★	★	★	★	6.0	57.0	2.9	14.7	17.4	30°
4.0	6	14.0	0.20	19.6	5	36°	1K365-0400-020-XC	★	★	★	★	★	6.0	63.0	3.8	19.6	21.5	30°
	6	14.0	0.50	19.6	5	36°	1K365-0400-050-XC	★	★	★	★	★	6.0	63.0	3.8	19.6	21.5	30°
5.0	6	17.5	0.50	24.5	5	36°	1K365-0500-050-XC	★	★	★	★	★	6.0	66.0	4.8	24.5	25.5	30°
	6	17.5	1.00	24.5	5	36°	1K365-0500-100-XC	★	★	★	★	★	6.0	66.0	4.8	24.5	25.5	30°

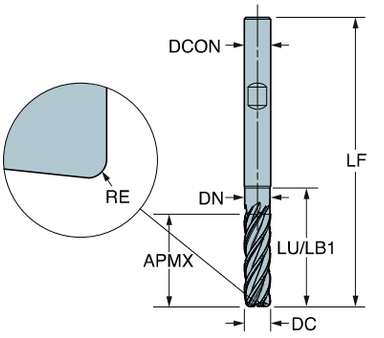
ENG

CoroMill® Dura solid carbide end mill for general machining

For multi-materials

1K365 – 3.5xD

FHA	36°
BSG	COROMANT
TCDC	h10
TCDCON	h6
ZEFP	5



Metric version

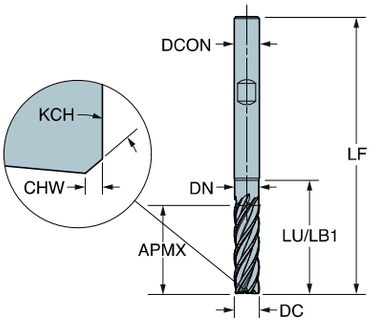
DC	CZC_{MS}	APMX	RE	LU	ZEFP	FHA	Ordering code	P 1730	M 1730	K 1730	N 1730	S 1730	Dimensions, mm $DCON_{MS}$	LF	DN	LB_1
6.0	6	21.0	0.50	27.0	5	36°	1K365-0600-050-XD	★	★	★	★	★	6.0	66.0	5.8	27.0
	6	21.0	1.00	27.0	5	36°	1K365-0600-100-XD	★	★	★	★	★	6.0	66.0	5.8	27.0
8.0	8	28.0	0.50	36.0	5	36°	1K365-0800-050-XD	★	★	★	★	★	8.0	73.0	7.7	36.0
	8	28.0	1.00	36.0	5	36°	1K365-0800-100-XD	★	★	★	★	★	8.0	73.0	7.7	36.0
	8	28.0	2.00	36.0	5	36°	1K365-0800-200-XD	★	★	★	★	★	8.0	73.0	7.7	36.0
10.0	10	35.0	0.50	45.0	5	36°	1K365-1000-050-XD	★	★	★	★	★	10.0	87.0	9.6	45.0
	10	35.0	1.00	45.0	5	36°	1K365-1000-100-XD	★	★	★	★	★	10.0	87.0	9.6	45.0
	10	35.0	2.00	45.0	5	36°	1K365-1000-200-XD	★	★	★	★	★	10.0	87.0	9.6	45.0
12.0	12	42.0	1.00	54.0	5	36°	1K365-1200-100-XD	★	★	★	★	★	12.0	104.0	11.5	54.0
	12	42.0	2.00	54.0	5	36°	1K365-1200-200-XD	★	★	★	★	★	12.0	104.0	11.5	54.0
	12	42.0	3.00	54.0	5	36°	1K365-1200-300-XD	★	★	★	★	★	12.0	104.0	11.5	54.0
16.0	16	56.0	1.00	72.0	5	36°	1K365-1600-100-XD	★	★	★	★	★	16.0	126.0	15.4	72.0
	16	56.0	2.00	72.0	5	36°	1K365-1600-200-XD	★	★	★	★	★	16.0	126.0	15.4	72.0
	16	56.0	3.00	72.0	5	36°	1K365-1600-300-XD	★	★	★	★	★	16.0	126.0	15.4	72.0
	16	56.0	4.00	72.0	5	36°	1K365-1600-400-XD	★	★	★	★	★	16.0	126.0	15.4	72.0
20.0	20	70.0	1.00	90.0	5	36°	1K365-2000-100-XD	★	★	★	★	★	20.0	142.0	19.2	90.0
	20	70.0	2.00	90.0	5	36°	1K365-2000-200-XD	★	★	★	★	★	20.0	142.0	19.2	90.0
	20	70.0	3.00	90.0	5	36°	1K365-2000-300-XD	★	★	★	★	★	20.0	142.0	19.2	90.0
	20	70.0	4.00	90.0	5	36°	1K365-2000-400-XD	★	★	★	★	★	20.0	142.0	19.2	90.0

CoroMill® Dura solid carbide end mill for general machining

For multi-materials

1K365 – 3.5xD

FHA	36°
BSG	COROMANT
TCDC	h10
TCDCON	h6
ZEFP	5



Metric version

DC	CZC_{MS}	APMX	CHW	KCH	LU	ZEFP	FHA	Ordering code	P 1730	M 1730	K 1730	N 1730	S 1730	Dimensions, mm $DCON_{MS}$	LF	DN	LB_1
6.0	6	21.0	0.13	45°	27.0	5	36°	1K365-0600-XD	★	★	★	★	★	6.0	66.0	5.8	27.0
8.0	8	28.0	0.20	45°	36.0	5	36°	1K365-0800-XD	★	★	★	★	★	8.0	73.0	7.7	36.0
10.0	10	35.0	0.20	45°	45.0	5	36°	1K365-1000-XD	★	★	★	★	★	10.0	87.0	9.6	45.0
12.0	12	42.0	0.20	45°	54.0	5	36°	1K365-1200-XD	★	★	★	★	★	12.0	104.0	11.5	54.0
16.0	16	56.0	0.20	45°	72.0	5	36°	1K365-1600-XD	★	★	★	★	★	16.0	126.0	15.4	72.0
20.0	20	70.0	0.30	45°	90.0	5	36°	1K365-2000-XD	★	★	★	★	★	20.0	142.0	19.2	90.0

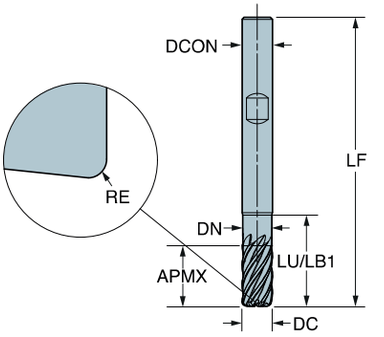
ENG

CoroMill® Dura solid carbide end mill for general machining

For multi-materials

1K337 – 2xD

FHA	37°
BSG	COROMANT
TCDC	h10
TCDCON	h6
ZEFP	7



Metric version

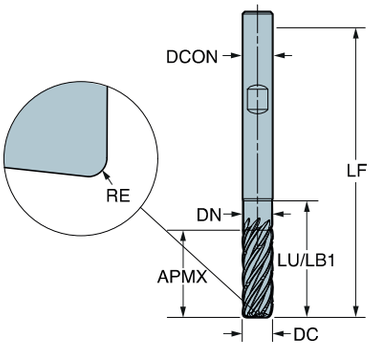
								P	M	K	N	S	Dimensions, mm			
DC	CZC_{MS}	APMX	RE	LU	ZEFP	FHA	Ordering code	1730	1730	1730	1730	1730	$DCON_{MS}$	LF	DN	LB_1
6.0	6	12.0	0.50	18.0	7	37°	1K337-0600-050-XD	★	★	★	★	★	6.0	57.0	5.8	18.0
	6	12.0	1.00	18.0	7	37°	1K337-0600-100-XD	★	★	★	★	★	6.0	57.0	5.8	18.0
8.0	8	16.0	0.50	24.0	7	37°	1K337-0800-050-XD	★	★	★	★	★	8.0	63.0	7.7	24.0
	8	16.0	1.00	24.0	7	37°	1K337-0800-100-XD	★	★	★	★	★	8.0	63.0	7.7	24.0
	8	16.0	2.00	24.0	7	37°	1K337-0800-200-XD	★	★	★	★	★	8.0	63.0	7.7	24.0
10.0	10	20.0	0.50	30.0	7	37°	1K337-1000-050-XD	★	★	★	★	★	10.0	72.0	9.6	30.0
	10	20.0	1.00	30.0	7	37°	1K337-1000-100-XD	★	★	★	★	★	10.0	72.0	9.6	30.0
	10	20.0	2.00	30.0	7	37°	1K337-1000-200-XD	★	★	★	★	★	10.0	72.0	9.6	30.0
12.0	12	24.0	0.50	36.0	7	37°	1K337-1200-050-XD	★	★	★	★	★	12.0	83.0	11.5	36.0
	12	24.0	1.00	36.0	7	37°	1K337-1200-100-XD	★	★	★	★	★	12.0	83.0	11.5	36.0
	12	24.0	2.00	36.0	7	37°	1K337-1200-200-XD	★	★	★	★	★	12.0	83.0	11.5	36.0
	12	24.0	3.00	36.0	7	37°	1K337-1200-300-XD	★	★	★	★	★	12.0	83.0	11.5	36.0
16.0	16	32.0	0.50	48.0	7	37°	1K337-1600-050-XD	★	★	★	★	★	16.0	100.0	15.4	48.0
	16	32.0	1.00	48.0	7	37°	1K337-1600-100-XD	★	★	★	★	★	16.0	100.0	15.4	48.0
	16	32.0	2.00	48.0	7	37°	1K337-1600-200-XD	★	★	★	★	★	16.0	100.0	15.4	48.0
	16	32.0	3.00	48.0	7	37°	1K337-1600-300-XD	★	★	★	★	★	16.0	100.0	15.4	48.0
20.0	20	40.0	0.50	60.0	7	37°	1K337-2000-050-XD	★	★	★	★	★	20.0	114.0	19.2	60.0
	20	40.0	1.00	60.0	7	37°	1K337-2000-100-XD	★	★	★	★	★	20.0	114.0	19.2	60.0
	20	40.0	2.00	60.0	7	37°	1K337-2000-200-XD	★	★	★	★	★	20.0	114.0	19.2	60.0
	20	40.0	3.00	60.0	7	37°	1K337-2000-300-XD	★	★	★	★	★	20.0	114.0	19.2	60.0
	20	40.0	4.00	60.0	7	37°	1K337-2000-400-XD	★	★	★	★	★	20.0	114.0	19.2	60.0
25.0	25	50.0	1.00	75.0	7	37°	1K337-2500-100-XD	★	★	★	★	★	25.0	135.0	24.0	75.0
	25	50.0	2.00	75.0	7	37°	1K337-2500-200-XD	★	★	★	★	★	25.0	135.0	24.0	75.0
	25	50.0	3.00	75.0	7	37°	1K337-2500-300-XD	★	★	★	★	★	25.0	135.0	24.0	75.0
	25	50.0	4.00	75.0	7	37°	1K337-2500-400-XD	★	★	★	★	★	25.0	135.0	24.0	75.0

CoroMill® Dura solid carbide end mill for general machining

For multi-materials

1K357 – 3xD

FHA	37°
BSG	COROMANT
TCDC	h10
TCDCON	h6
ZEFP	7



Metric version

DC	CZC_{MS}	APMX	RE	LU	ZEFP	FHA	Ordering code	P 1730	M 1730	K 1730	N 1730	S 1730	Dimensions, mm $DCON_{MS}$	LF	DN	LB_1
6.0	6	18.0	0.50	24.0	7	37°	1K357-0600-050-XD	★	★	★	★	★	6.0	63.0	5.8	24.0
	6	18.0	1.00	24.0	7	37°	1K357-0600-100-XD	★	★	★	★	★	6.0	63.0	5.8	24.0
8.0	8	24.0	0.50	32.0	7	37°	1K357-0800-050-XD	★	★	★	★	★	8.0	73.0	7.7	32.0
	8	24.0	1.00	32.0	7	37°	1K357-0800-100-XD	★	★	★	★	★	8.0	73.0	7.7	32.0
	8	24.0	2.00	32.0	7	37°	1K357-0800-200-XD	★	★	★	★	★	8.0	73.0	7.7	32.0
10.0	10	30.0	0.50	40.0	7	37°	1K357-1000-050-XD	★	★	★	★	★	10.0	82.0	9.6	40.0
	10	30.0	1.00	40.0	7	37°	1K357-1000-100-XD	★	★	★	★	★	10.0	82.0	9.6	40.0
	10	30.0	2.00	40.0	7	37°	1K357-1000-200-XD	★	★	★	★	★	10.0	82.0	9.6	40.0
12.0	12	36.0	1.00	48.0	7	37°	1K357-1200-100-XD	★	★	★	★	★	12.0	97.0	11.5	48.0
	12	36.0	2.00	48.0	7	37°	1K357-1200-200-XD	★	★	★	★	★	12.0	97.0	11.5	48.0
	12	36.0	3.00	48.0	7	37°	1K357-1200-300-XD	★	★	★	★	★	12.0	97.0	11.5	48.0
16.0	16	48.0	1.50	64.0	7	37°	1K357-1600-150-XD	★	★	★	★	★	16.0	115.0	15.4	64.0
	16	48.0	2.00	64.0	7	37°	1K357-1600-200-XD	★	★	★	★	★	16.0	115.0	15.4	64.0
	16	48.0	3.00	64.0	7	37°	1K357-1600-300-XD	★	★	★	★	★	16.0	115.0	15.4	64.0
20.0	20	60.0	2.50	80.0	7	37°	1K357-2000-250-XD	★	★	★	★	★	20.0	135.0	19.2	80.0
	20	60.0	3.00	80.0	7	37°	1K357-2000-300-XD	★	★	★	★	★	20.0	135.0	19.2	80.0
	20	60.0	4.00	80.0	7	37°	1K357-2000-400-XD	★	★	★	★	★	20.0	135.0	19.2	80.0
25.0	25	75.0	2.00	100.0	7	37°	1K357-2500-200-XD	★	★	★	★	★	25.0	162.0	24.0	100.0
	25	75.0	4.00	100.0	7	37°	1K357-2500-400-XD	★	★	★	★	★	25.0	162.0	24.0	100.0
	25	75.0	6.00	100.0	7	37°	1K357-2500-600-XD	★	★	★	★	★	25.0	162.0	24.0	100.0

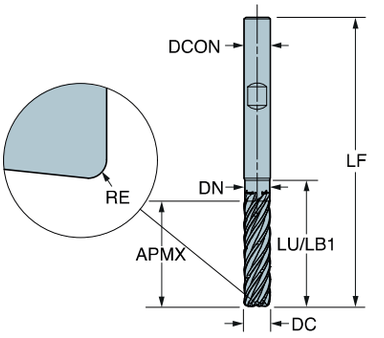
ENG

CoroMill® Dura solid carbide end mill for general machining

For multi-materials

1K377 – 4xD

FHA	37°
BSG	COROMANT
TCDC	h10
TCDCON	h6
ZEFP	7



Metric version

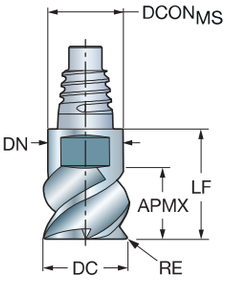
DC	CZC_{MS}	APMX	RE	LU	ZEFP	FHA	Ordering code	P 1730	M 1730	K 1730	N 1730	S 1730	Dimensions, mm $DCON_{MS}$	LF	DN	LB_1
6.0	6	24.0	0.50	28.8	7	37°	1K377-0600-050-XD	★	★	★	★	★	6.0	66.0	5.8	28.8
	6	24.0	1.00	28.8	7	37°	1K377-0600-100-XD	★	★	★	★	★	6.0	66.0	5.8	28.8
8.0	8	32.0	0.50	38.4	7	37°	1K377-0800-050-XD	★	★	★	★	★	8.0	77.0	7.7	38.4
	8	32.0	1.00	38.4	7	37°	1K377-0800-100-XD	★	★	★	★	★	8.0	77.0	7.7	38.4
	8	32.0	2.00	38.4	7	37°	1K377-0800-200-XD	★	★	★	★	★	8.0	77.0	7.7	38.4
10.0	10	40.0	1.00	48.0	7	37°	1K377-1000-100-XD	★	★	★	★	★	10.0	91.0	9.6	48.0
	10	40.0	2.00	48.0	7	37°	1K377-1000-200-XD	★	★	★	★	★	10.0	91.0	9.6	48.0
	10	40.0	3.00	48.0	7	37°	1K377-1000-300-XD	★	★	★	★	★	10.0	91.0	9.6	48.0
12.0	12	48.0	1.00	57.6	7	37°	1K377-1200-100-XD	★	★	★	★	★	12.0	104.0	11.5	57.6
	12	48.0	2.50	57.6	7	37°	1K377-1200-250-XD	★	★	★	★	★	12.0	104.0	11.5	57.6
	12	48.0	4.00	57.6	7	37°	1K377-1200-400-XD	★	★	★	★	★	12.0	104.0	11.5	57.6
16.0	16	64.0	2.00	76.8	7	37°	1K377-1600-200-XD	★	★	★	★	★	16.0	126.0	15.4	76.8
	16	64.0	3.00	76.8	7	37°	1K377-1600-300-XD	★	★	★	★	★	16.0	126.0	15.4	76.8
	16	64.0	4.00	76.8	7	37°	1K377-1600-400-XD	★	★	★	★	★	16.0	126.0	15.4	76.8
20.0	20	80.0	3.00	96.0	7	37°	1K377-2000-300-XD	★	★	★	★	★	20.0	149.0	19.2	96.0
	20	80.0	4.00	96.0	7	37°	1K377-2000-400-XD	★	★	★	★	★	20.0	149.0	19.2	96.0
	20	80.0	6.00	96.0	7	37°	1K377-2000-600-XD	★	★	★	★	★	20.0	149.0	19.2	96.0
25.0	25	100.0	3.00	120.0	7	37°	1K377-2500-300-XD	★	★	★	★	★	25.0	180.0	24.0	120.0
	25	100.0	4.00	120.0	7	37°	1K377-2500-400-XD	★	★	★	★	★	25.0	180.0	24.0	120.0
	25	100.0	6.00	120.0	7	37°	1K377-2500-600-XD	★	★	★	★	★	25.0	180.0	24.0	120.0

CoroMill® 316 brazed ceramic head for high speed roughing

For nickel-based alloys

Optimized

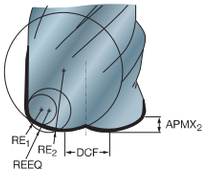
FHA 35°
BSG COROMANT
TCDC h9

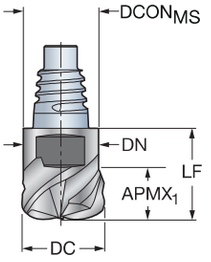


Metric version

DC	CZC$_{MS}$	APMX	RE	LU	ZEFP	Ordering code	S / STKU	Dimensions, mm DCON$_{MS}$	LF	DN
10.0	E10	7.0	2.00	7.0	6	316-10FM635-10020D	★	9.7	15.9	9.7
12.0	E12	7.0	2.00	7.0	6	316-12FM635-12020D	★	11.7	18.5	11.7
16.0	E16	9.0	2.00	9.0	6	316-16FM635-16020D	★	15.5	25.7	15.5
20.0	E20	9.0	2.00	9.0	6	316-20FM635-20020D	★	19.3	28.3	19.3
25.0	E25	9.0	2.00	9.0	6	316-25FM635-25020D	★	24.2	32.3	24.2

FHA 38°
BSG COROMANT
TCDC h9





Metric version

DC	CZC$_{MS}$	APMX$_2$	RE$_1$	RE$_2$	REEQ	DCF	ZEFP	Ordering code	S / STKU	Dimensions, mm DCON$_{MS}$	LF	DN
10.0	E10	0.7	1.50	5.00	1.99	3.40	4	316-10HM438-10015D	★	9.7	15.9	9.7
12.0	E12	0.8	1.50	6.00	2.10	4.50	4	316-12HM438-12015D	★	11.7	18.5	11.7
16.0	E16	1.0	2.00	8.00	2.75	6.20	4	316-16HM438-16020D	★	15.5	25.7	15.5
20.0	E20	1.3	2.00	10.00	3.07	8.00	4	316-20HM438-20020D	★	19.3	28.3	19.5
25.0	E25	1.6	3.00	12.00	4.21	10.00	4	316-25HM438-25030D	★	24.2	28.3	24.2

ENG

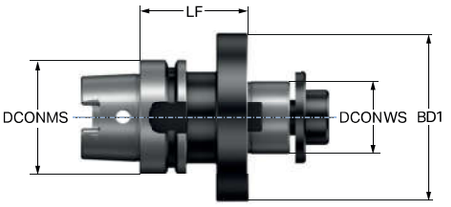
Rotating tool adaptors

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

HSK to arbor adaptor

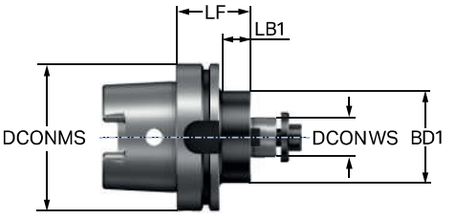
Machine side interface HSK A/C

Coolant through arbor



Metric bore

					Dimensions, mm										
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	$DCON_{MS}$	DBC	$DCON_{WS}$	LF	LB_1	BD_1	BAR	NM	KG	RPMX	
40	22	1	4	HA04-AR22-B048-050	40.0		22.0	50.0	50.0	48.0	80	45.00	0.49	30000	
63	32	1	4	HA06-AR32-B078-060	63.0		32.0	60.0	60.0	78.0	80	180.00	1.59	20500	
	40S	1	4	HA06-AR40-B092-060	63.0	66.7	40.0	60.0	60.0	87.0	80	300.00	1.84	20500	
80	40	1	4	HA08-AR40-B092-070	80.0		40.0	70.0	70.0	87.0	80	300.00	2.96	14000	



Metric bore

					Dimensions, mm												
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	$DCON_{MS}$	DBC	$DCON_{WS}$	LF	LB_1	LB_2	BD_1	BD_2	BAR	NM	KG	RPMX	
40	16	1	4	HA04-AR16-B032-050	40.0		16.0	50.0	29.0	50.0	32.0	48.0	80	22.00	0.32	30000	
50	16	1	4	HA05-AR16-B032-050	50.0		16.0	50.0	23.0	50.0	32.0	50.0	80	22.00	0.47	25000	
	22	1	4	HA05-AR22-B048-060	50.0		22.0	60.0	34.0	60.0	48.0	50.0	80	45.00	0.80	25000	
63	16	1	4	HA06-AR16-B032-050	63.0		16.0	50.0	24.0	50.0	32.0	63.0	80	22.00	0.73	20500	
	22	1	4	HA06-AR22-B048-050	63.0		22.0	50.0	24.0	50.0	50.0	63.0	80	45.00	0.98	20500	
	27	1	4	HA06-AR27-B063-060	63.0		27.0	60.0	24.0	60.0	60.0	63.0	80	80.00	1.35	20500	
80	22	1	4	HA08-AR22-B048-050	80.0		22.0	50.0	23.0	50.0	50.0	80.0	80	45.00	1.41	14000	
	27	1	4	HA08-AR27-B063-050	80.0		27.0	50.0	23.0	50.0	60.0	80.0	80	80.00	1.67	14000	
	32	1	4	HA08-AR32-B078-060	80.0		32.0	60.0	34.0	60.0	78.0	80.0	80	180.00	2.21	14000	
100	22	1	4	HA10-AR22-B048-050	100.0		22.0	50.0	18.0	50.0	50.0	100.0	80	45.00	2.28	12500	
	22	1	4	HA10-AR22-B048-100	100.0		22.0	100.0	68.0	100.0	50.0	100.0	80	45.00	2.95	12500	
	27	1	4	HA10-AR27-B063-050	100.0		27.0	50.0	18.0	50.0	50.0	100.0	80	80.00	2.51	12500	
	27	1	4	HA10-AR27-B063-100	100.0		27.0	100.0	68.0	100.0	60.0	100.0	80	80.00	3.69	12500	
	32	1	4	HA10-AR32-B078-050	100.0		32.0	50.0	20.0	50.0	63.0	100.0	80	180.00	2.79	12500	
	32	1	4	HA10-AR32-B078-100	100.0		32.0	100.0	70.0	100.0	78.0	100.0	80	180.00	4.62	12500	
	40S	1	4	HA10-AR40-B092-060	100.0	66.7	40.0	60.0	31.0	60.0	87.0	100.0	80	300.00	3.51	12500	
	40S	1	4	HA10-AR40-B092-100	100.0	66.7	40.0	100.0	71.0	100.0	87.0	100.0	80	300.00	5.43	12500	
125	32	1	4	HA12-AR32-B078-100	125.0		32.0	100.0	68.0	100.0	78.0	125.0	80	180.00	5.88	9500	
	40S	1	4	HA12-AR40-B092-100	125.0	66.7	40.0	100.0	68.0	100.0	87.0	125.0	80	300.00	6.90	9500	

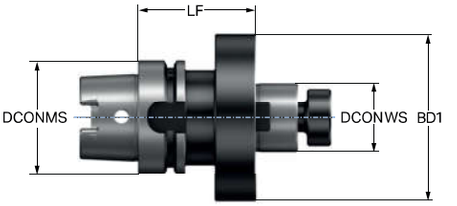
For spare parts, visit www.sandvik.coromant.com

ENG

HSK to arbor adaptor

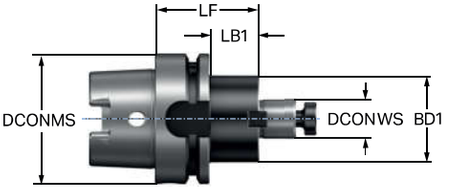
Machine side interface HSK A/C

Coolant through arbor



Inch bore

					Dimensions, mm								
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	$DCON_{MS}$	DBC	$DCON_{WS}$	LF	BD_1	BAR	NM	KG	RPMX
63	1 1/2	1	4	HA06-AAR38-B092-065	63.0	66.7	38.1	65.0	87.0	80	220.00	2.08	20500



Inch bore

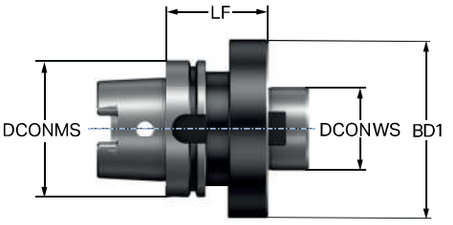
					Dimensions, mm									
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	$DCON_{MS}$	DBC	$DCON_{WS}$	LF	LB_1	BD_1	BAR	NM	KG	RPMX
63	3/4	1	4	HA06-AAR19-B042-050	63.0		19.1	50.0	23.0	43.0	80	25.00	0.90	20500
	1	1	4	HA06-AAR25-B051-060	63.0		25.4	60.0	33.0	50.0	80	65.00	1.18	20500
100	3/4	1	4	HA10-AAR19-B042-100	100.0		19.1	100.0	68.0	43.0	80	25.00	2.71	12500
	1	1	4	HA10-AAR25-B051-100	100.0		25.4	100.0	68.0	50.0	80	65.00	3.08	12500
	1 1/2	1	4	HA10-AAR38-B092-060	100.0	66.7	38.1	60.0	31.0	87.0	80	220.00	0.01	12500
	1 1/2	1	4	HA10-AAR38-B092-100	100.0	66.7	38.1	100.0	71.0	87.0	80	220.00	6.00	12500
125	1 1/2	1	4	HA12-AAR38-B092-100	125.0	66.7	38.1	100.0	68.0	87.0	80	220.00	6.88	9500

For spare parts, visit www.sandvik.coromant.com

HSK to arbor adaptor

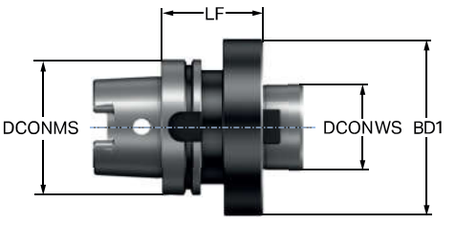
Machine side interface HSK A/C

Coolant through centre



Metric bore

			Dimensions, mm							
CZC_{MS}	CZC_{WS}	**Ordering code**	$DCON_{MS}$	DBC	$DCON_{WS}$	LF	BD_1	NM	KG	RPMX
100	60	**HA10-AR60-A130-075**	100.0	101.6	60.0	75.0	130.0	180.00	5.92	12500
125	60	**HA12-AR60-A130-085**	125.0	101.6	60.0	85.0	130.0	180.00	8.71	9500



Inch bore

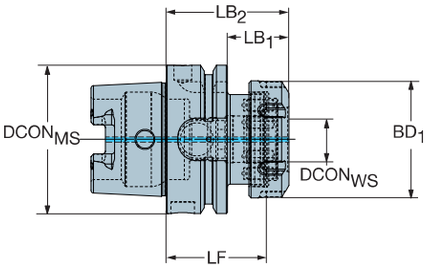
			Dimensions, mm							
CZC_{MS}	CZC_{WS}	**Ordering code**	$DCON_{MS}$	DBC	$DCON_{WS}$	LF	BD_1	NM	KG	RPMX
100	2 1/2	**HA10-AAR63-A130-075**	100.0	101.6	63.5	75.0	130.0	120.00	5.92	12500
125	2 1/2	**HA12-AAR63-A130-085**	125.0	101.6	63.5	85.0	130.0	120.00	8.77	9500

For spare parts, visit www.sandvik.coromant.com

ENG

HSK to MDI adaptor

Machine side interface HSK A/C/T

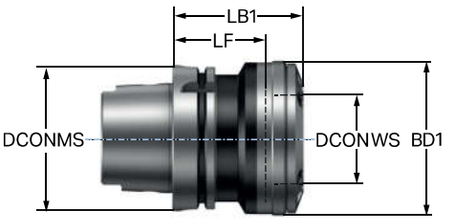


					Dimensions, mm									
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LF	LB_1	LB_2	BD_1	BAR	NM	KG	RPMX
100	MDI-50	1	1	**HT10-DM50-N-055**	100,0	50,0	55,0	40,0	69,0	94,7	80	250,00	3,15	12500

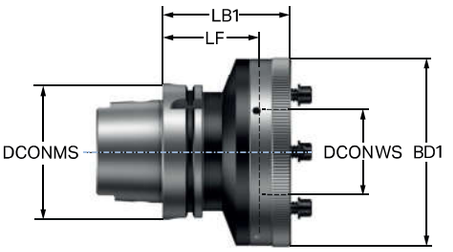
For spare parts, visit www.sandvik.coromant.com

HSK to ISO 9766 adjustable adaptor

Machine side interface HSK A/C



					Dimensions, mm							
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LF	LB_1	BD_1	BAR	KG	RPMX
63	1	1	1	**392.410277-63 01 060C**	63,0	78,0	60,0	84,6	86,0	20	2,05	12000
100	2	1	1	**392.410277-100 02 065B**	100,0	98,0	65,0	89,6	106,0	20	4,59	9000



					Dimensions, mm							
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LF	LB_1	BD_1	BAR	KG	RPMX
100	3	1	1	**392.410277-100 03 085B**	100,0	136,0	85,0	95,0	140,0	20	6,50	6000

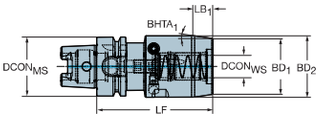
For spare parts, visit www.sandvik.coromant.com

ENG

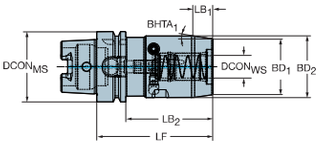
HSK to CoroChuck™ 930

Heavy Duty design

Machine side interface HSK A/C



					Dimensions, mm												
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LSC	LF	LB_1	BD_1	BD_2	$BHTA_1$	BAR	NM	KG	RPMX
63	25	1	1	930-HA06-HD-25-110A	63.0	25.0	57	110.0	18.8	57.0	65.0	12°	80	10.00	2.10	20000
	32	1	1	930-HA06-HD-32-112A	63.0	32.0	61	112.0	18.8	68.0	76.0	12°	80	10.00	2.79	20000



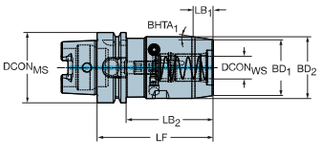
					Dimensions, mm														
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LSC	LF	LB_1	LB_2	BD_1	BD_2	BD_3	$BHTA_1$	BAR	NM	KG	RPMX
63	20	1	1	930-HA06-HD-20-104A	63.0	20.0	51	104.0	17.8	78.0	50.0	55.0	62.9	8°	80	10.00	1.89	20000
80	32	1	1	930-HA08-HD-32-110A	80.0	32.0	61	110.0	18.8	84.0	68.0	76.0	80.0	12°	80	10.00	3.38	14000
100	20	1	1	930-HA10-HD-20-100A	100.0	20.0	51	100.0	17.8	71.0	50.0	55.0	99.9	8°	80	10.00	3.09	10000
	25	1	1	930-HA10-HD-25-106A	100.0	25.0	57	106.0	18.8	77.0	57.0	65.0	99.9	12°	80	10.00	3.63	10000
	32	1	1	930-HA10-HD-32-110A	100.0	32.0	61	110.0	18.8	81.0	68.0	76.0	99.9	12°	80	10.00	4.32	10000
	32	1	1	930-HA10-HD-32-180A	100.0	32.0	61	180.0	18.8	151.0	68.0	76.0	100.0	12°	80	10.00	6.76	10000

For spare parts, visit www.sandvik.coromant.com

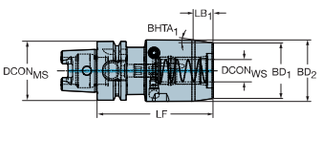
HSK to CoroChuck™ 930

Heavy Duty design

Machine side interface HSK A/C

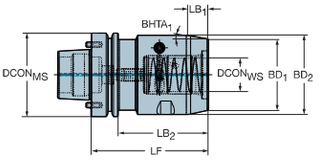


					Dimensions, inch														
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LSC	LF	LB_1	LB_2	BD_1	BD_2	BD_3	$BHTA_1$	PSI	FT/LBS	LBS	RPMX
100	1 1/4	1	1	**930-HA10-HD-A31-110A**	3.937	1.250	2.402	4.331	.740	3.189	2.677	2.992	3.933	12°	1160	7.38	9.54	10000



					Dimensions, inch												
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	RPMX
63	1 1/4	1	1	**930-HA06-HD-A31-112**	2.480	1.250	2.402	4.409	.740	2.677	2.992	12°	1160	7.38	6.53	20000

Machine side interface HSK F with pins for Makino



					Dimensions, mm														
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	$DCON_{MS}$	DBC	$DCON_{WS}$	LSC	LF	LB_1	LB_2	BD_1	BD_2	$BHTA_1$	BAR	NM	KG	RPMX
80	32	1	1	**930-HF08-HD-32-112A**	80.0	58.0	32.0	61	112.0	18.8	86.0	68.0	76.0	12°	80	10.00	3.42	24000

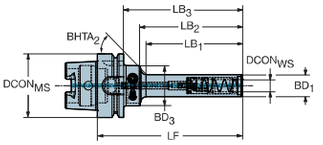
For spare parts, visit www.sandvik.coromant.com

ENG

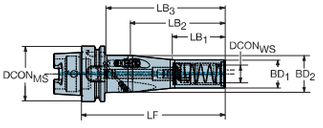
HSK to CoroChuck™ 930

Pencil design

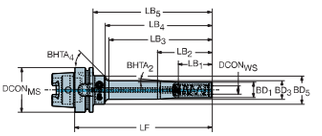
Machine side interface HSK A/C



					Dimensions, mm												
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LSC	LF	LB_1	LB_2	BD_1	BD_2	BAR	NM	KG	RPMX
63	6	1	1	930-HA06-P-06-094A	63.0	6.0	37	94.0	45.8	68.0	14.5	40.0	80	8.00	0.83	20000
	8	1	1	930-HA06-P-08-094A	63.0	8.0	37	94.0	45.8	65.5	17.5	40.0	80	8.00	0.86	20000
	10	1	1	930-HA06-P-10-104A	63.0	10.0	41	104.0	55.8	75.5	20.0	40.0	80	8.00	0.90	20000
	10	1	1	930-HA06-P-10-144A	63.0	10.0	41	144.0	95.8	115.5	20.0	40.0	80	8.00	0.99	20000
	12	1	1	930-HA06-P-12-109A	63.0	12.0	46	109.0	60.8	83.0	22.0	40.0	80	8.00	0.93	20000
	12	1	1	930-HA06-P-12-144A	63.0	12.0	46	144.0	95.8	118.0	22.0	40.0	80	8.00	1.03	20000
100	12	1	1	930-HA10-P-12-115A	100.0	12.0	46	115.0	60.8	86.0	22.0	40.0	80	8.00	2.30	10000
	12	1	1	930-HA10-P-12-150A	100.0	12.0	46	150.0	95.8	121.0	22.0	40.0	80	8.00	2.45	10000



					Dimensions, mm														
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LSC	LF	LB_1	LB_2	LB_3	BD_1	BD_3	$BHTA_2$	BAR	NM	KG	RPMX
63	20	1	1	930-HA06-P-20-163A	63.0	20.0	51	163.0	60.0	108.0	137.0	32.0	42.0	6°	80	8.00	1.53	20000
100	20	1	1	930-HA10-P-20-170A	100.0	20.0	51	170.0	60.0	108.0	141.0	32.0	42.0	6°	80	8.00	2.92	10000



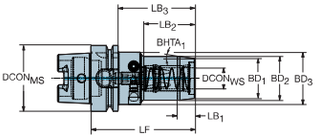
					Dimensions, mm															
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LSC	LF	LB_1	LB_2	LB_3	LB_4	BD_1	BD_3	BD_4	$BHTA_2$	BAR	NM	KG	RPMX
63	12	1	1	930-HA06-P-12-194A	63.0	12.0	46	194.0	50.0	75.0	145.8	168.0	22.0	26.0	40.0	4°	80	8.00	1.28	20000
100	12	1	1	930-HA10-P-12-200A	100.0	12.0	46	200.0	50.0	75.0	145.8	171.0	22.0	26.0	40.0	4°	80	8.00	2.66	10000

For spare parts, visit www.sandvik.coromant.com

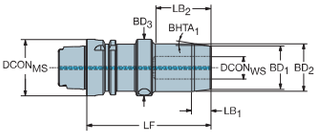
HSK to CoroChuck™ 930

Slender design

Machine side interface HSK A/C



					Dimensions, mm													
CZC_{MS}	CZC_{WS}	CNSC	CXSC	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	RPMX
40	6	1	1	930-HA04-S-06-070A	40.0	6.0	37	70.0	11.3	33.2	50.0	22.0	26.0	32.0	10°	80	8.00	0.39	30000
	8	1	1	930-HA04-S-08-070A	40.0	8.0	37	70.0	11.3	35.3	50.0	24.0	28.0	32.0	10°	80	8.00	0.40	30000
	10	1	1	930-HA04-S-10-075A	40.0	10.0	41	75.0	11.3	39.6	55.0	26.0	30.0	32.0	10°	80	8.00	0.44	30000
	12	1	1	930-HA04-S-12-080A	40.0	12.0	46	80.0	11.3	41.0	60.0	28.0	32.0	33.5	10°	80	8.00	0.50	30000
50	6	1	1	930-HA05-S-06-074A	50.0	6.0	37	74.0	11.3	30.2	48.0	22.0	26.0	40.0	10°	80	8.00	0.62	25000
	8	1	1	930-HA05-S-08-074A	50.0	8.0	37	74.0	11.3	30.2	48.0	24.0	28.0	40.0	10°	80	8.00	0.64	25000
	10	1	1	930-HA05-S-10-080A	50.0	10.0	41	80.0	11.3	34.2	54.0	26.0	30.0	40.0	10°	80	8.00	0.69	25000
	12	1	1	930-HA05-S-12-085A	50.0	12.0	46	85.0	11.3	38.2	59.0	28.0	32.0	40.0	10°	80	8.00	0.74	25000
63	6	1	1	930-HA06-S-06-074A	63.0	6.0	37	74.0	11.3	30.2	48.0	22.0	26.0	40.0	10°	80	8.00	0.87	20000
	8	1	1	930-HA06-S-08-074A	63.0	8.0	37	74.0	11.3	30.2	48.0	24.0	28.0	40.0	10°	80	8.00	0.89	20000
	10	1	1	930-HA06-S-10-080A	63.0	10.0	41	80.0	11.3	34.2	54.0	26.0	30.0	40.0	10°	80	8.00	0.94	20000
	12	1	1	930-HA06-S-12-090A	63.0	12.0	46	90.0	11.3	38.2	64.0	28.0	32.0	50.0	10°	80	8.00	1.15	20000
	20	1	1	930-HA06-S-20-100A	63.0	20.0	51	100.0	16.0	49.2	74.0	38.0	42.0	50.0	7°	80	8.00	1.33	20000
100	12	1	1	930-HA10-S-12-095A	100.0	12.0	46	95.0	11.3	38.2	66.0	28.0	32.0	50.0	10°	80	8.00	2.53	10000
	20	1	1	930-HA10-S-20-100A	100.0	20.0	51	100.0	16.0	49.2	71.0	38.0	42.0	50.0	7°	80	8.00	2.64	10000



					Dimensions, mm												
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LSC	LF	LB_1	LB_2	BD_1	BD_2	$BHTA_1$	BAR	NM	KG	RPMX
40	12	1	1	930-HA04-S-12-096A	40.0	12.0	46	96.0	11.3	38.2	28.0	32.0	10°	80	8.00	0.65	40000
50	20	1	1	930-HA05-S-20-090A	50.0	20.0	51	90.0	16.0	64.0	37.6	41.5	7°	80	8.00	0.87	25000
	20	1	1	930-HA05-S-20-110A	50.0	20.0	51	110.0	16.0	49.2	38.0	42.0	7°	80	8.00	1.14	36000
63	25	1	1	930-HA06-S-25-108A	63.0	25.0	57	108.0	12.9	81.1	45.0	50.0	11°	80	8.00	1.58	20000
80	25	1	1	930-HA08-S-25-110A	80.0	25.0	57	110.0	12.9	83.1	45.0	50.0	11°	80	8.00	2.05	14000
100	25	1	1	930-HA10-S-25-110A	100.0	25.0	57	110.0	12.9	80.1	45.0	50.0	11°	80	8.00	2.92	10000

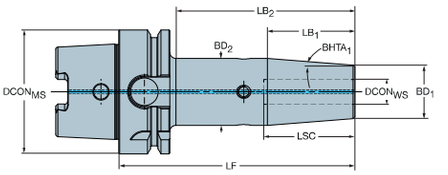
For spare parts, visit www.sandvik.coromant.com

ENG

HSK to shrink fit chuck

Machine side interface HSK A/C

Internal coolant supply



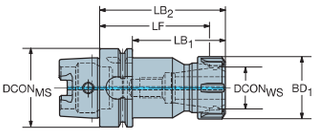
Inch bore

					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	$BHTA_1$	$BHTA_2$	BAR PSI	KG	RPMX
63.0	1/8	1	1	**HA06-A-SH03-P-120**	63.0	3.2	13	120.0	26.1	91.2	9.0	11.6	3°	5°	80	0.77	20500
					2.480	*.125*	*.512*	*4.724*	*1.029*	*3.593*	*.354*	*.457*			*1160*		
	3/16	1	1	**HA06-A-SH05-P-120**	63.0	4.8	18	120.0	26.1	91.2	11.0	13.6	3°	5°	80	1.09	20500
					2.480	*.187*	*.709*	*4.724*	*1.029*	*3.593*	*.433*	*.536*			*1160*		
	1/4	1	1	**HA06-A-SH06-S-120**	63.0	6.4	36	120.0	38.1	91.0	21.0	27.0	4°	0°	80	1.00	20500
					2.480	*.250*	*1.417*	*4.724*	*1.501*	*3.583*	*.827*	*1.063*			*1160*		
	5/16	1	1	**HA06-A-SH08-S-120**	63.0	7.9	36	120.0	38.1	91.0	21.0	27.0	4°	0°	80	0.99	20500
					2.480	*.313*	*1.417*	*4.724*	*1.501*	*3.583*	*.827*	*1.063*			*1160*		
	3/8	1	1	**HA06-A-SH09-S-120**	63.0	9.5	41	120.0	50.8	91.0	24.0	32.0	4°	0°	80	1.11	20500
					2.480	*.375*	*1.614*	*4.724*	*2.001*	*3.583*	*.945*	*1.260*			*1160*		
	1/2	1	1	**HA06-A-SH12-S-120**	63.0	12.7	44	120.0	50.8	91.0	24.0	32.0	4°	0°	80	1.09	20500
					2.480	*.500*	*1.732*	*4.724*	*2.001*	*3.583*	*.945*	*1.260*			*1160*		
	5/8	1	1	**HA06-A-SH16-S-120**	63.0	15.9	49	120.0	44.4	91.0	27.0	34.0	4°	0°	80	1.14	20500
					2.480	*.625*	*1.929*	*4.724*	*1.751*	*3.583*	*1.063*	*1.339*			*1160*		
	3/4	1	1	**HA06-A-SH19-S-120**	63.0	19.1	51	120.0	57.1	91.0	33.0	42.0	4°	0°	80	1.39	20500
					2.480	*.750*	*2.008*	*4.724*	*2.251*	*3.583*	*1.299*	*1.654*			*1160*		
	1	1	1	**HA06-A-SH25-S-120**	63.0	25.4	57	120.0	57.1	93.6	44.0	53.0	4°	0°	80	1.83	20500
					2.480	*1.000*	*2.244*	*4.724*	*2.251*	*3.685*	*1.732*	*2.087*			*1160*		
	1 1/4	1	1	**HA06-A-SH32-S-120**	63.0	31.8	61	120.0	57.1	93.6	44.0	53.0	4°	0°	80	1.67	20500
					2.480	*1.250*	*2.402*	*4.724*	*2.251*	*3.685*	*1.732*	*2.087*			*1160*		
100.0	1/4	1	1	**HA10-A-SH06-S-120**	100.0	6.4	36	120.0	38.1	86.0	21.0	27.0	4°	0°	80	2.34	12500
					3.937	*.250*	*1.417*	*4.724*	*1.501*	*3.386*	*.827*	*1.063*			*1160*		
	5/16	1	1	**HA10-A-SH08-S-120**	100.0	7.9	36	120.0	38.1	86.0	21.0	27.0	4°	0°	80	2.33	12500
					3.937	*.313*	*1.417*	*4.724*	*1.501*	*3.386*	*.827*	*1.063*			*1160*		
	3/8	1	1	**HA10-A-SH09-S-120**	100.0	9.5	41	120.0	50.8	86.0	24.0	32.0	4°	0°	80	2.45	12500
					3.937	*.375*	*1.614*	*4.724*	*2.001*	*3.386*	*.945*	*1.260*			*1160*		
	1/2	1	1	**HA10-A-SH12-S-120**	100.0	12.7	44	120.0	50.8	86.0	24.0	32.0	4°	0°	80	2.42	12500
					3.937	*.500*	*1.732*	*4.724*	*2.001*	*3.386*	*.945*	*1.260*			*1160*		
	5/8	1	1	**HA10-A-SH16-S-120**	100.0	15.9	49	120.0	44.4	86.0	27.0	34.0	4°	0°	80	2.47	12500
					3.937	*.625*	*1.929*	*4.724*	*1.751*	*3.386*	*1.063*	*1.339*			*1160*		
	3/4	1	1	**HA10-A-SH19-S-120**	100.0	19.1	51	120.0	57.1	86.0	33.0	42.0	4°	0°	80	2.70	12500
					3.937	*.750*	*2.008*	*4.724*	*2.251*	*3.386*	*1.299*	*1.654*			*1160*		
	1	1	1	**HA10-A-SH25-S-120**	100.0	25.4	57	120.0	57.1	86.0	44.0	53.0	4°	0°	80	3.15	12500
					3.937	*1.000*	*2.244*	*4.724*	*2.251*	*3.386*	*1.732*	*2.087*			*1160*		
	1 1/4	1	1	**HA10-A-SH32-S-120**	100.0	31.8	61	120.0	57.1	86.0	44.0	53.0	4°	0°	80	2.99	12500
					3.937	*1.250*	*2.402*	*4.724*	*2.251*	*3.386*	*1.732*	*2.087*			*1160*		

HSK to ER collet chuck

Machine side interface HSK A/C

Workpiece side interface DIN 6499-B



					Dimensions, mm, inch								
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LF	LB_1	LB_2	BD_1	BAR PSI	KG	RPMX
100.0	ER20	1	1	**392.41014-100 20 100**	100.0	21.0	88.5	64.5	100.0	34.0	80	2.32	12500
					3.937	*.827*	*3.484*	*2.539*	*3.937*	*1.339*	*1160*		
	ER25	1	1	**392.41014-100 25 100**	100.0	26.0	88.0	65.0	100.0	42.0	80	2.51	12500
					3.937	*1.024*	*3.465*	*2.559*	*3.937*	*1.654*	*1160*		

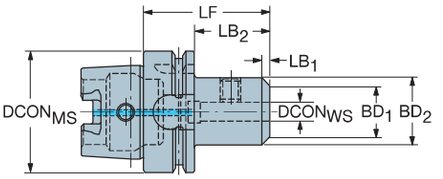
For spare parts, visit www.sandvik.coromant.com

ENG

HSK to Weldon adaptor

Machine side interface HSK A/C

Workpiece side interface ANSI B94.19



Inch bore

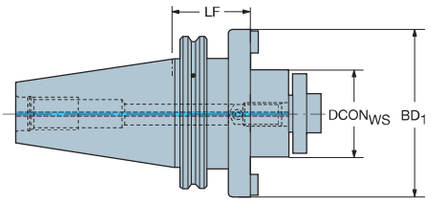
					Dimensions, mm, inch							
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LF	LB_1	BD_1	BAR PSI	KG	RPMX
63.0	1/4	1	1	A392.41020-63 06 060	63.0	6.4	60.0	29.0	22.2	80	0.70	20500
					2.480	*.250*	*2.362*	*1.142*	*.875*	*1160*		
	3/8	1	1	A392.41020-63 09 070C	63.0	9.5	70.0	39.0	25.4	80	0.77	20500
					2.480	*.375*	*2.756*	*1.535*	*1.000*	*1160*		
	1/2	1	1	A392.41020-63 12 075C	63.0	12.7	75.0	44.0	31.7	80	0.88	20500
					2.480	*.500*	*2.953*	*1.732*	*1.248*	*1160*		
	5/8	1	1	A392.41020-63 15 080C	63.0	15.9	80.0	51.5	41.0	80	1.13	20500
					2.480	*.625*	*3.150*	*2.028*	*1.614*	*1160*		
100.0	1/4	1	1	A392.41020-100 06 070	100.0	6.4	70.0	27.0	22.2	80	2.10	12500
					3.937	*.250*	*2.756*	*1.063*	*.875*	*1160*		
	3/8	1	1	A392.41020-100 09 080B	100.0	9.5	80.0	37.0	25.4	80	2.15	12500
					3.937	*.375*	*3.150*	*1.457*	*1.000*	*1160*		
	1/2	1	1	A392.41020-100 12 080B	100.0	12.7	80.0	39.0	31.7	80	2.24	12500
					3.937	*.500*	*3.150*	*1.535*	*1.248*	*1160*		
	5/8	1	1	A392.41020-100 15 090B	100.0	15.9	90.0	49.0	41.0	80	2.52	12500
					3.937	*.625*	*3.543*	*1.929*	*1.614*	*1160*		

For spare parts, visit www.sandvik.coromant.com

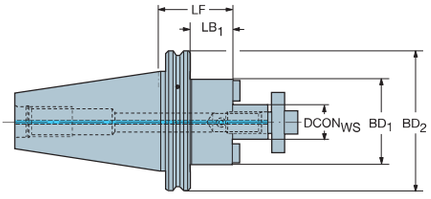
ISO 7388-1 to arbor adaptor

Machine side interface compatible with DIN 69871-ADB

Coolant through arbor



					Dimensions, mm								
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	DBC	CRKS	$DCON_{WS}$	LF	BD_1	BAR	KG	RPMX
40	32	7	4	A1B05-40 32 100		M16	32.0	100.0	78.0	80	3.51	18000
	40S	7	4	A1B05-40 40 060	66.7	M16	40.0	60.0	87.0	80	2.49	18000



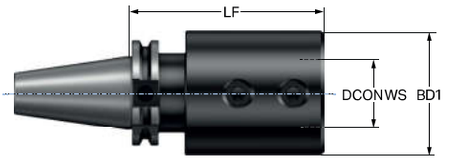
					Dimensions, mm									
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	DBC	CRKS	$DCON_{WS}$	LF	LB_1	BD_1	BD_2	BAR	KG	RPMX
40	16	7	4	A1B05-40 16 160		M16	16.0	160.0	138.9	36.0	63.5	80	1.82	16000
	22	7	4	A1B05-40 22 160		M16	22.0	160.0	138.9	48.0	63.5	80	2.70	16000
	27	7	4	A1B05-40 27 160		M16	27.0	160.0	139.9	60.0	63.5	80	3.70	16000
50	22	7	4	A1B05-50 22 160		M24	22.0	160.0	137.9	48.0	97.5	80	4.28	12000
	27	7	4	A1B05-50 27 160		M24	27.0	160.0	137.9	60.0	97.5	80	5.33	12000
	32	7	4	A1B05-50 32 160		M24	32.0	160.0	137.9	78.0	97.5	80	7.56	12000
	40S	7	4	A1B05-50 40 100	66.7	M24	40.0	100.0	79.9	89.0	97.5	80	6.34	12000

For spare parts, visit www.sandvik.coromant.com

ENG

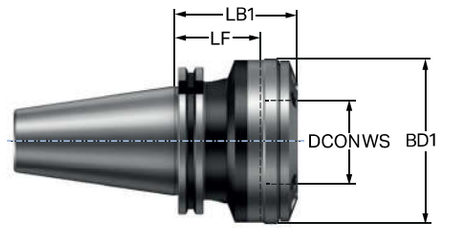
ISO 7388-1 to ISO 9766 adaptor

Machine side interface compatible with DIN 69871-ADB

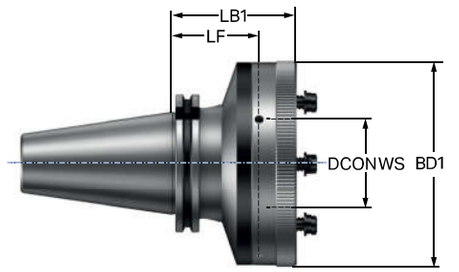


					Dimensions, mm							
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	CRKS	$DCON_{WS}$	LF	BD_1	BAR	KG		RPMX
40	40	7	1	A1B27-40 40 120	M16	40.0	120.0	75.0	80	3.09		16000

ISO 7388-1 to ISO 9766 adjustable adaptor



					Dimensions, mm								
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	CRKS	$DCON_{WS}$	LF	LB_1	BD_1	BAR	KG		RPMX
40	1	7	1	392B.140277-40 01 055	M16	78.0	55.0	79.6	86.0	20	2.17		12000
50	2	7	1	392B.140277-50 02 055	M24	98.0	55.0	79.6	106.0	20	4.97		9000



					Dimensions, mm								
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	CRKS	$DCON_{WS}$	LF	LB_1	BD_1	BAR	KG		RPMX
50	3	7	1	392B.140277-50 03 075	M24	136.0	75.0	85.0	140.0	20	6.81		6000

For spare parts, visit www.sandvik.coromant.com

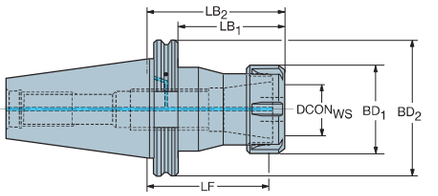
ISO 7388-1 to ISO 9766 adaptor

ENG

ISO 7388-1 to ER collet chuck

Machine side interface compatible with DIN 69871-ADB

Workpiece side interface DIN 6499-B

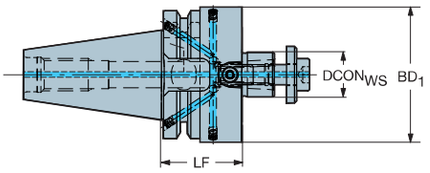


					Dimensions, mm							BAR	KG	
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	CRKS	$DCON_{WS}$	LF	LB_1	LB_2	BD_1	BD_2			RPMX
40	ER20	7	1	**A1B14-40 20 160**	M16	21,0	148,8	138,9	160,0	34,0	63,5	80	1,56	16000
	ER25	7	1	**A1B14-40 25 160**	M16	26,0	148,3	138,9	160,0	42,0	63,5	80	1,91	16000
	ER32	7	1	**A1B14-40 32 160**	M16	33,0	147,3	140,1	160,0	50,0	63,5	80	2,35	16000
	ER40	7	1	**A1B14-40 40 160**	M16	41,0	145,3	140,1	160,0	63,0	63,5	80	2,36	16000
50	ER20	7	1	**A1B14-50 20 160**	M24	21,0	148,8	137,9	160,0	34,0	97,5	80	3,30	12000
	ER25	7	1	**A1B14-50 25 160**	M24	26,0	148,3	137,9	160,0	42,0	97,5	80	3,63	12000
	ER32	7	1	**A1B14-50 32 160**	M24	33,0	147,3	137,9	160,0	50,0	97,5	80	4,05	12000
	ER40	7	1	**A1B14-50 40 160**	M24	41,0	145,3	137,9	160,0	63,0	97,5	80	4,95	12000

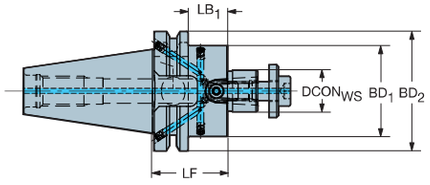
For spare parts, visit www.sandvik.coromant.com

MAS-BT 403 to arbor adaptor

Machine side interface compatible with JIS B 6339



					Dimensions, mm									
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	DBC	CRKS	DCON$_{WS}$	LF	BD$_1$	BD$_2$	BAR	KG	RPMX
40	32	7	4	A2B05-40 32 100		M16	32.0	100.0	78.0	63.0	80	3.47	18000
	40S	7	4	A2B05-40 40 100	66.7	M16	40.0	100.0	87.0	63.0	80	4.04	16000



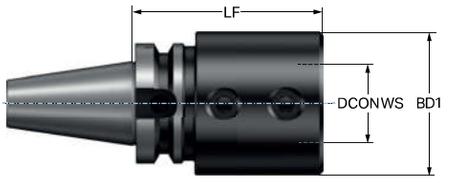
					Dimensions, mm										
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	DBC	CRKS	DCON$_{WS}$	LF	LB$_1$	BD$_1$	BD$_2$	BAR	KG	RPMX
40	16	7	4	A2B05-40 16 160		M16	16.0	160.0	131.0	36.0	63.0	80	1.89	16000
	22	7	4	A2B05-40 22 160		M16	22.0	160.0	131.0	48.0	63.0	80	2.74	16000
	27	7	4	A2B05-40 27 160		M16	27.0	160.0	131.1	59.0	63.0	80	3.72	16000
50	22	7	4	A2B05-50 22 160		M24	22.0	160.0	119.0	48.0	100.0	80	5.02	12000
	27	7	4	A2B05-50 27 160		M24	27.0	160.0	119.0	60.0	100.0	80	5.92	12000
	32	7	4	A2B05-50 32 160		M24	32.0	160.0	119.0	78.0	100.0	80	7.92	12000
	40S	7	4	A2B05-50 40 100	66.7	M24	40.0	100.0	86.0	87.0	100.0	80	6.59	12000

For spare parts, visit www.sandvik.coromant.com

ENG

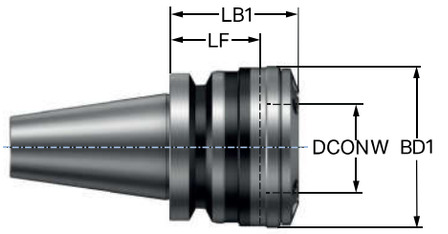
MAS-BT 403 to ISO 9766 adaptor

Machine side interface compatible with JIS B 6339

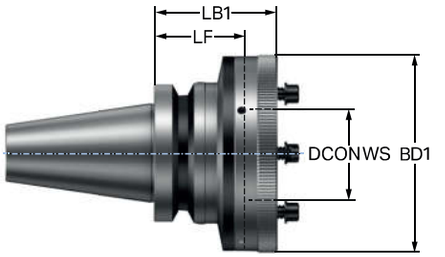


					Dimensions, mm							
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	CRKS	$DCON_{WS}$	LF	BD_1	BAR	KG		RPMX
40	40	7	1	A2B27-40 40 100	M16	40,0	100,0	75,0	80	2,60		16000

MAS-BT 403 to ISO 9766 adjustable adaptor



					Dimensions, mm								
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	CRKS	$DCON_{WS}$	LF	LB_1	BD_1	BAR	KG		RPMX
40	1	7	1	392B.55277-40 01 055	M16	78,0	55,0	79,6	86,0	20	2,30		12000
50	2	7	1	392B.58277-50 02 063	M24	98,0	63,0	87,6	106,0	20	5,71		9000



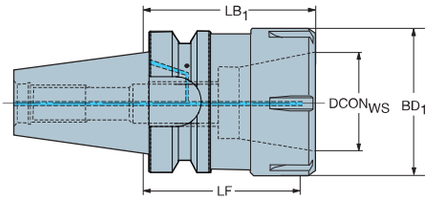
					Dimensions, mm								
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	CRKS	$DCON_{WS}$	LF	LB_1	BD_1	BAR	KG		RPMX
50	3	7	1	392B.58277-50 03 080	M24	136,0	80,0	90,0	140,0	20	7,17		6000

For spare parts, visit www.sandvik.coromant.com

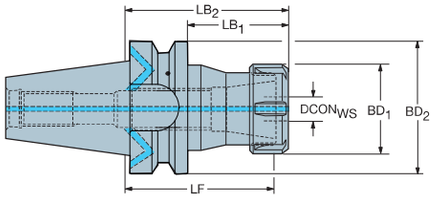
MAS-BT 403 to ER collet chuck

Machine side interface compatible with JIS B 6339

Workpiece side interface DIN 6499-B



					Dimensions, mm								
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	CRKS	$DCON_{WS}$	LF	LB_1	BD_1	BAR	KG	RPMX
40	ER40	7	1	A2B14-40 40 100	M16	41.0	85.3	100.0	63.0	80	1.62	18000
	ER40	7	1	A2B14-40 40 160	M16	41.0	145.3	160.0	63.0	80	2.43	16000



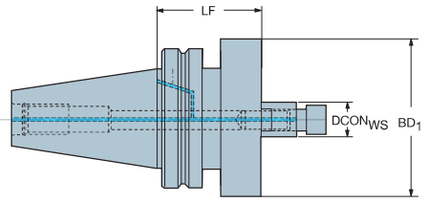
					Dimensions, mm									
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	CRKS	$DCON_{WS}$	LF	LB_1	LB_2	BD_1	BD_2	BAR	KG	RPMX
40	ER20	7	1	A2B14-40 20 160	M16	21.0	148.8	131.0	160.0	34.0	63.0	80	1.66	16000
	ER25	7	1	A2B14-40 25 160	M16	26.0	148.3	131.0	160.0	42.0	63.0	80	1.98	16000
	ER32	7	1	A2B14-40 32 100	M16	33.0	87.3	71.0	100.0	50.0	63.0	80	1.57	18000
	ER32	7	1	A2B14-40 32 160	M16	33.0	147.3	131.0	160.0	50.0	63.0	80	2.40	16000
50	ER20	7	1	A2B14-50 20 160	M24	21.0	148.8	119.0	160.0	34.0	100.0	80	4.15	12000
	ER25	7	1	A2B14-50 25 160	M24	26.0	148.3	119.0	160.0	42.0	100.0	80	4.42	12000
	ER32	7	1	A2B14-50 32 160	M24	33.0	147.3	119.0	160.0	50.0	100.0	80	4.77	12000
	ER40	7	1	A2B14-50 40 100	M24	41.0	85.3	59.0	100.0	63.0	100.0	80	4.25	12000
	ER40	7	1	A2B14-50 40 160	M24	41.0	145.3	119.0	160.0	63.0	100.0	80	5.47	12000

For spare parts, visit www.sandvik.coromant.com

ENG

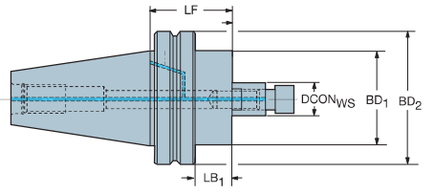
CAT-V to arbor adaptor

Machine side interface compatible with ASME B5.50-1985



Inch pilot

					Dimensions, mm							
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	DBC	CRKS	$DCON_{WS}$	LF	BD_1	BAR	KG	RPMX
40	1 1/4	7	4	**AA3B05-40 32 101**		5/	31.8	101.6	69.9	80	2.82	18000
	1 1/2	7	4	**AA3B05-40 38 101**	66.7	5/	38.1	101.6	95.3	80	3.75	18000



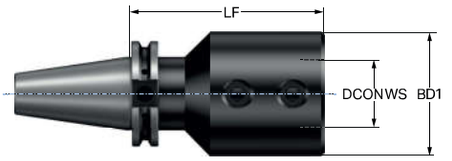
Inch pilot

					Dimensions, mm								
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	CRKS	$DCON_{WS}$	LF	LB_1	BD_1	BD_2	BAR	KG	RPMX
40	3/4	7	4	**AA3B05-40 19 101**	5/	19.1	101.6	79.3	44.5	63.5	80	1.79	18000
	1	7	4	**AA3B05-40 25 101**	5/	25.4	101.6	81.7	57.2	63.5	80	2.29	18000

For spare parts, visit www.sandvik.coromant.com

CAT-V to ISO 9766 adaptor

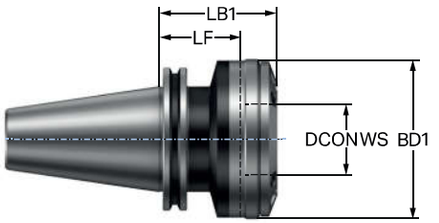
Machine side interface compatible with ASME B5.50-1985



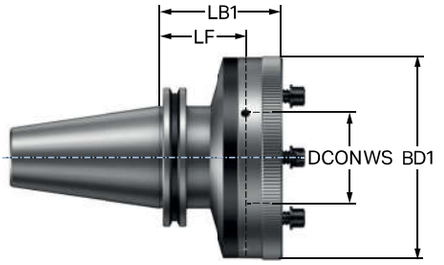
Metric bore

					Dimensions, mm							
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	CRKS	$DCON_{WS}$	LF	BD_1	BAR	KG		RPMX
40	40	7	1	A3B27-40 40 120	5/	40.0	120.0	75.0	80	2.92		16000

CAT-V to ISO 9766 adjustable adaptor



					Dimensions, mm							
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	CRKS	$DCON_{WS}$	LF	LB_1	BD_1	BAR	KG	RPMX
40	1	7	1	A392B.45277-40 01 055	5/	78.0	55.0	79.6	86.0	20	2.12	12000
50	2	7	1	A392B.45277-50 02 055	1"	98.0	55.0	76.6	106.0	20	4.81	9000



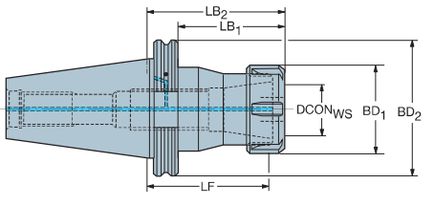
					Dimensions, mm							
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	CRKS	$DCON_{WS}$	LF	LB_1	BD_1	BAR	KG	RPMX
50	3	7	1	A392B.45277-50 03 075	1"	136.0	75.0	85.0	140.0	20	6.61	6000

For spare parts, visit www.sandvik.coromant.com

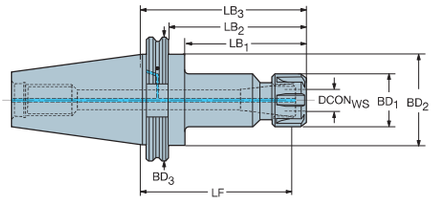
ENG

CAT-V to ER collet chuck

Machine side interface compatible with ASME B5.50-1985



					Dimensions, mm										
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	CRKS	$DCON_{WS}$	LF	LB_1	LB_2	BD_1	BD_2	BAR	KG	RPMX
40	ER32	7	1	AA3B14-40 32 067	5/	33,0	54,0	47,1	67,0	50,0	63,5	80	1,08	18000
	ER40	7	1	AA3B14-40 40 067	5/	41,0	52,0	47,1	67,0	63,0	63,5	80	1,16	18000
	ER40	7	1	AA3B14-40 40 152	5/	41,0	137,4	132,5	152,4	63,0	63,5	80	2,97	16000



					Dimensions, mm												
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	CRKS	$DCON_{WS}$	LF	LB_1	LB_2	LB_3	BD_1	BD_2	BD_3	BAR	KG	RPMX
40	ER16	7	1	AA3B14-40 16 152	5/	17,0	141,8	114,1	132,5	152,4	28,0	44,5	63,5	80	1,40	16000
50	ER16	7	1	AA3B14-50 16 067	1"	17,0	56,4	31,9	47,1	67,0	28,0	69,9	98,4	80	3,16	12000
	ER16	7	1	AA3B14-50 16 152	1"	17,0	141,8	114,1	132,5	152,4	28,0	69,9	98,4	80	3,37	12000
	ER20	7	1	AA3B14-50 20 067	1"	21,0	55,5	31,9	47,1	67,0	34,0	69,9	98,4	80	3,18	12000
	ER20	7	1	AA3B14-50 20 152	1"	21,0	140,9	114,1	132,8	152,4	34,0	69,9	98,4	80	3,57	12000
	ER25	7	1	AA3B14-50 25 067	1"	26,0	55,0	31,9	47,1	67,0	42,0	69,9	98,4	80	3,16	12000
	ER25	7	1	AA3B14-50 25 152	1"	26,0	140,4	114,1	132,8	152,4	42,0	69,9	98,4	80	3,83	12000
	ER32	7	1	AA3B14-50 32 067	1"	33,0	54,0	31,9	47,1	67,0	50,0	69,9	98,4	80	3,15	12000
	ER32	7	1	AA3B14-50 32 152	1"	33,0	139,4	114,1	132,8	152,4	50,0	69,9	98,4	80	4,16	12000
	ER40	7	1	AA3B14-50 40 067	1"	41,0	52,0	31,9	47,1	67,0	63,0	69,9	98,4	80	3,17	12000

For spare parts, visit www.sandvik.coromant.com

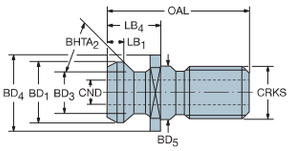
Accessories

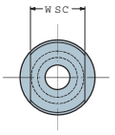
For complete assortment, see www.sandvik.coromant.com

ENG

Pull studs

PS-VxxC





CAT-V

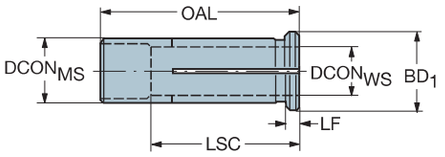
CZC	CRKS	CNSC	CXSC	Ordering code	Dimensions, mm WSC	LB_1	LB_4	CND	BD_1	BD_3	BD_4	BD_5	$BHTA_2$	OAL	KG	Machine
40	5/8-11 UNC	1	1	**PS-V40C-75-005**	19	6	26	6	19	14	23,8	16,28	75	51,15	0,07	
50	1-8 UNC	1	1	**PS-V50C-90-001**	30	10	45,15	8	22,95	17	38	26,18	90	85,2	0,28	

Dowel set

Ordering code	Ordering example
5643 017-01M	Bag of 20 pieces
5643 017-02M	

Cylindrical sleeve

Metallic sealed for coolant through tool



Inch bore

					Dimensions, inch							
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	BD	LSC	OAL	LF	PSI	LBS
31	3/4	1	1	A393.CGS-31 12 60A	1.250	.750	1.417	2.362	2.520	.157	1160	.540
	1	1	1	A393.CGS-31 16 60A	1.250	1.000	1.417	2.362	2.520	.157	1160	.370

ENG

General information

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 becomes very straightforward.

What does this mean to 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 catalogues and interpret data from one system to another. Imagine how much time this will save you!

Short name	Preferred Name
ADJLN	Minimum adjustment limit
ADJLX	Maximum adjustment limit
ADJRG	Adjustment range
ALP	Clearance angle axial
AN	Clearance angle major
ANN	Clearance angle minor
APMX	Depth of cut maximum
APMX_EFW	Depth of cut maximum - end feed
APMX_FFW	Depth of cut maximum - side feed
AZ	Maximum plunge depth
B	Shank width
BAWS	Body angle workpiece side
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
CBMD	Chip breaker manufacturer
CDX	Cutting depth maximum
CEMR	Cutting edge major radius
CF	Spot chamfer
CHBA	Chamfer body angle
CHBL	Chamfer body length
CHW	Corner chamfer width
CICT	Cutting item count
$CICT_{BALL}$	Cutting item count - Ball nose insert
$CICT_{E}$	Cutting item count - end position
$CICT_{P}$	Cutting item count - peripheral position
$CICT_{S}$	Cutting item count - side position
$CICT_{SP}$	Cutting item count - Shank protection insert
$CICT_{T}$	Cutting item count - total
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

ENG

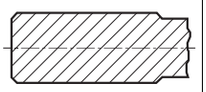
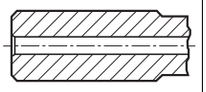
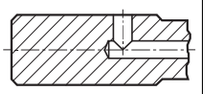
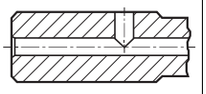
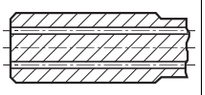
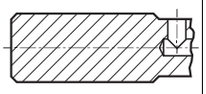
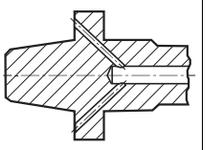
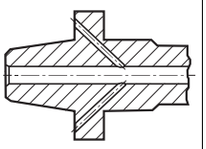
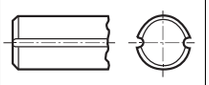
DAXX	Axial groove outside diameter maximum
DBC	Diameter bolt circle
DC	Cutting diameter
DCB	Connection bore diameter
DCBN	Connection bore diameter minimum
DCBX	Connection bore diameter maximum
DCF	Cutting diameter face contact
DCIN	Cutting diameter internal
DCN	Cutting diameter minimum
DCON	Connection diameter
$DCON_{MS}$	Connection diameter machine side
$DCON_{WS}$	Connection diameter workpiece side
$DCONN_{WS}$	Connection diameter minimum workpiece side
$DCONX_{WS}$	Connection diameter maximum workpiece side
DCPS	Data chip provision size
$DCSF_{MS}$	Contact surface diameter machine side
$DCSF_{WS}$	Contact surface diameter workpiece side
DCX	Cutting diameter maximum
DHUB	Hub diameter
DIX	Tool changer interference diameter maximum
DMIN	Minimum bore diameter
DMM	Shank diameter
DN	Neck diameter
DRVCT	Drive count
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
HC	Thread height actual
HF	Functional height
HRY	Lowest point from reference plain
HSUP	Support height
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
KAPR_EFW	Tool cutting edge angle - end feed
KCH	Corner chamfer
KRINS	Major cutting edge angle
KWW	Keyway width
L	Cutting edge length
LAMS	Inclination angle
LB	Body length
LCF	Length chip flute
LCOX	Cut off length maximum
LE	Cutting edge effective length
LF	Functional length
LFN	Minimum functional length
LH	Head length
LPR	Protruding length
LS	Shank length
LSC	Clamping length
LSCN	Clamping length minimum
LSCS	Distance to clamping start
LSCX	Clamping length maximum
LSD	Dead shank length
LU	Usable length (max. recommended)
LU_BFW	Usable length - back facing
LUX	Usable length maximum
MHD	Mounting hole distance
MIID	Master insert identification
$MIID_E$	Master insert identification - end position
$MIID_S$	Master insert identification - side position
$MIID_C$	Master insert identification - central position
$MIID_P$	Master insert identification - peripheral position
$MIID_I$	Master insert identification - intermediate position
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
OHN	Overhang minimum

OHX	Overhang maximum
ORDCODE	Ordercode
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	Cutting edge angle major left hand
PSIRR	Cutting edge angle major right hand
PSW	Premachined slot width
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	Splitline
SSC	Insert seat size code
SSC_E	Insert seat size code - end position
SSC_P	Insert seat size code - peripheral position
SSC_S	Insert seat size code - side position
STA	Step included angle
STDNO	Standard number
SUBSTRATE	Substrate
TCDC	Tolerance class cutting diameter
TCDCON	Connection diameter tolerance
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
THBTP	Thread back taper property
THCA	Thread helix correction angle
THCHT	Threading chamfer type
THFT	Form type
THFTS	Thread form standard series
THL	Thread length
THUB	Hub thickness
TP	Thread pitch
TPI	Threads per inch
TPIN	Threads per inch minimum
TPIX	Threads per inch maximum
TPN	Thread pitch minimum
TPT	Thread profile type
TPX	Maximum thread pitch
TRMAX	Tap range max
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
ZADJ	Insert adjustable count
ZEFF	Face effective cutting edge count
ZEFP	Peripheral effective cutting edge count (ZEFP)
ZWX	Maximum number of Wiper inserts

ENG

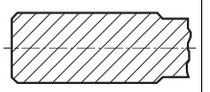
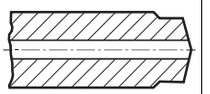
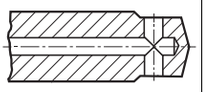
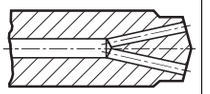
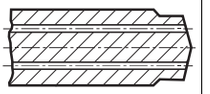
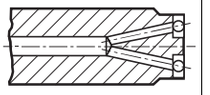
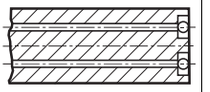
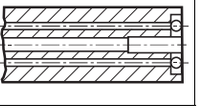
CNSC

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 adaptor	
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	

Safety information in connection with grinding of cemented carbide

Material compositon

Most metal products contain tungsten carbide and cobalt. Other substances that may be present in hard metal are titanium carbide, tantalum carbide, niobium carbide, chromium carbide, molybdenum carbide or vanadium carbide. Some grades contain titanium carbonitride and/or nickel.

Routes of exposure

Grinding or heating of hard metal blanks or hard metal products will produce products that give off dangerous dust and fumes. Avoiding ingestion and contact with skin or eyes is very important.

Acute toxicity

Intake of the aforementioned substances is toxic. 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. Sensitive individuals may even experience an allergic reaction.

Chronic toxicity

Repeated inhalation of aerosols containing cobalt may cause obstruction of the airways. Prolonged exposure to increased concentrations may cause lung fibrosis or lung cancer. Epidemiological studies indicate that workers previously exposed 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 and sensitization.

Risk phrases

Toxic: danger of serious damage to health by prolonged exposure through inhalation
Toxic when inhaled
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 nationally authorised limits.
If ventilation is not available or adequate, use respirators appropriately 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 if needed.
Do not eat, drink or smoke in the working area. Wash skin thoroughly before eating, drinking or smoking.

ENG

For the sake of the environment

Get into the Sandvik Coromant Recycling Concept (CRC) now!

The Sandvik Coromant Recycling Concept (CRC) is a comprehensive service for used carbide inserts 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 environmently friendly way.
All used carbide 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 Sandvik Coromant dealer who can also give you more information.

The benefits of the CRC speak for themselves

- A worldwide ISO and OHAS certified recycling system.
- Open to all Sandvik Coromant 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 centre. 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.

	Order numbers
Collection box:	91617
Transport box for solid carbide tools (plywood):	92994
Transport box inserts (plywood):	92995

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