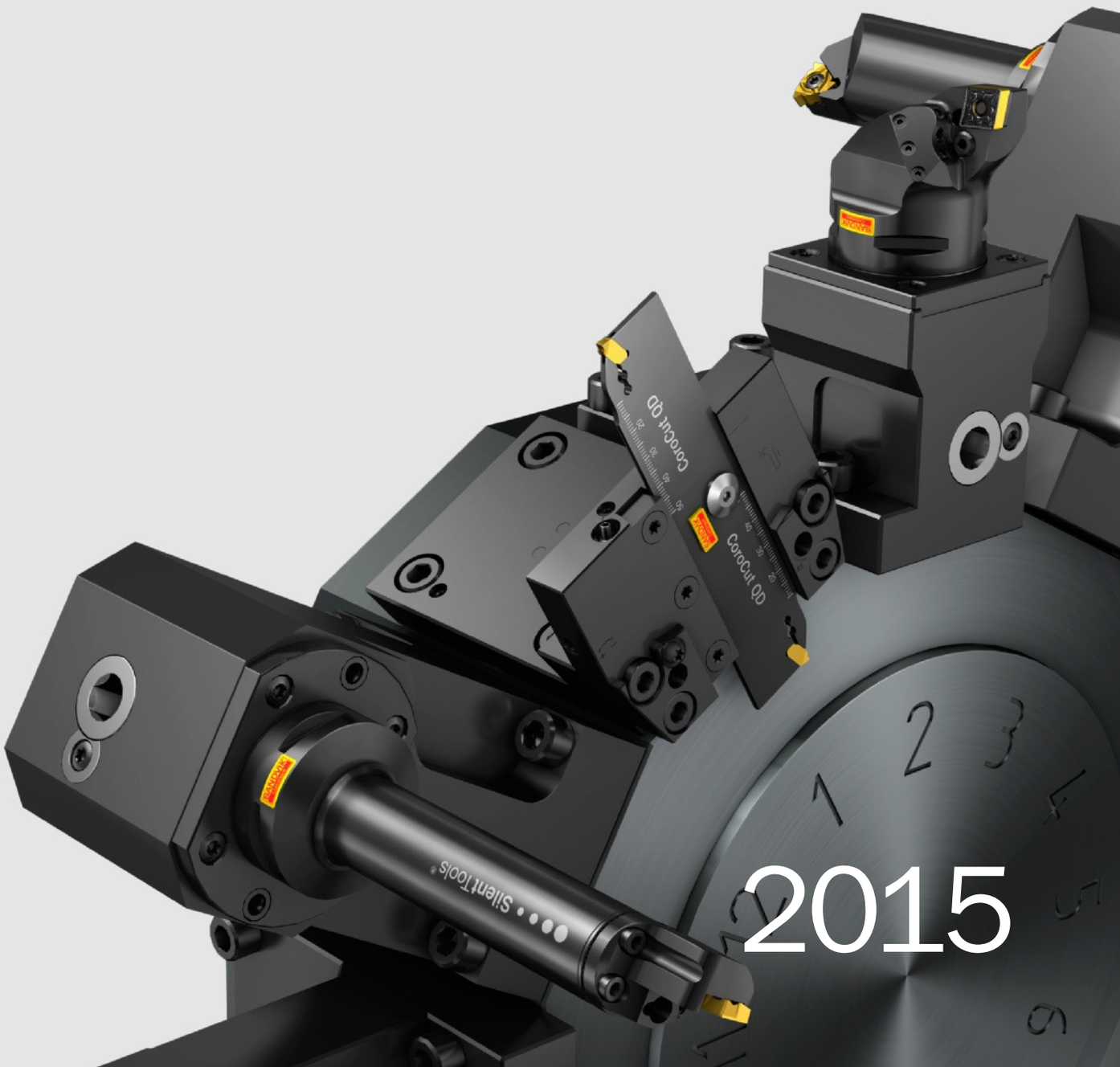
CUTTING TOOLS FROM SANDVIK COROMANT

SANDVIK Coromant

Turning tools

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



2015


27
28
29
30
A

T-Max® P cartridge for turning

Lever clamp design

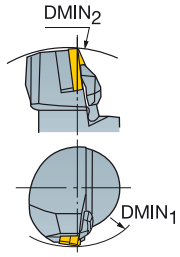
KAPR
PSIR

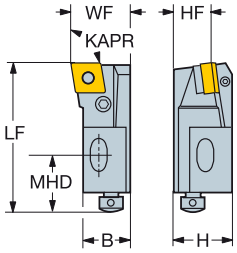
PCFNR/L..CA
90°
0°

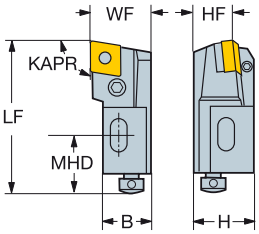
PCGNR/L..CA
90°
0°











CNMM, CNGP
CNMG
CNMA, CNGA

										Dimensions, mm, inch									
	12	1/2	16CA	55.0		63.0	0	PCFNR/L 16CA-12		20.0	25.0	63.0	25.0	16.0	25.0	9.0	5.0	0.20	CNMG 12 04 08
				2.165		*2.480*				*.787*	*.984*	*2.480*	*.984*	*.630*	*.984*	*.354*			*CNMG 432*
	12	1/2	16CA	60.0	75.0	63.0	0	PCGNR/L 16CA-12		20.0	25.0	63.0	25.0	16.0	25.0	9.0	5.0	0.20	CNMG 12 04 08
				2.362	*2.953*	*2.480*				*.787*	*.984*	*2.480*	*.984*	*.630*	*.984*	*.354*			*CNMG 432*

R = Right hand, L = Left hand

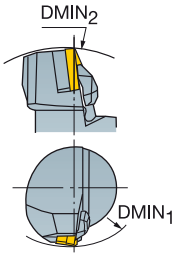
T-Max® P cartridge for turning

Lever clamp design

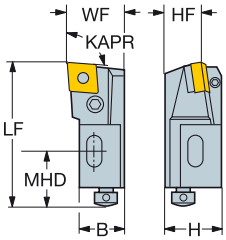




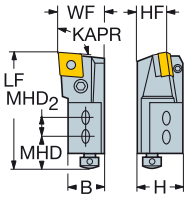
KAPR
PSIR



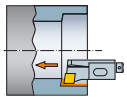
PCLNR/L..CA (1)
95°
-5°



PCLNR/L..CA (2)
95°
-5°



CNMM, CNGP
CNMG
CNMA, CNGA

										Dimensions, mm, inch										
		IC	CZC_{MS}	$DMIN_1$	$DMIN_2$	OHX	CNSC	DSGN	Ordering code	B	H	LF	WF	HF	MHD	MHD2	DAH	Nm	Kg	MIID
	12	1/2	16CA	55.0	75.0	63.0	0	1	PCLNR/L 16CA-12	20.0	25.0	63.0	25.0	16.0	25.0		9.0	5.0	0.20	CNMG 12 04 08
				2.165	*2.953*	*2.480*		*1*		*.787*	*.984*	*2.480*	*.984*	*.630*	*.984*		*.354*			*CNMG 432*
	19	3/4	25CA	100.0	115.0	100.0	0	2	PCLNR/L 25CA-19	25.0	35.0	100.0	32.0	25.0	30.0	20.0	11.0	5.0	0.47	CNMG 19 06 12
				3.937	*4.528*	*3.937*		*2*		*.984*	*1.378*	*3.937*	*1.260*	*.984*	*1.181*	*.787*	*.433*			*CNMG 643*

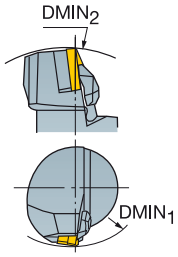
R = Right hand, L = Left hand

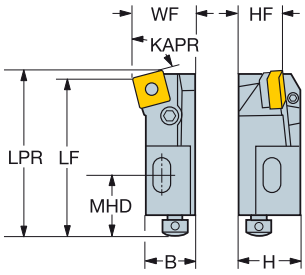
T-Max® P cartridge for turning

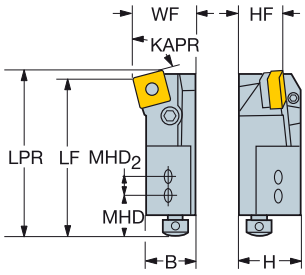
Lever clamp design

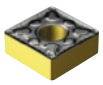
	PSKNR/L..CA (1)	PSKNR/L..CA (2)
KAPR	75°	75°
PSIR	15°	15°



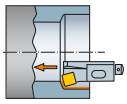








SNMM
SNMG
SNMA, SNGA

	IC	CZC$_{MS}$	DMIN$_1$	OHX	CNSC	DSGN	Ordering code	B	H	LF	WF	HF	MHD	MHD2	DAH	LPR	Nm	Kg	MIID
								Dimensions, mm, inch											
12	1/2	12CA	50.0	55.0	0	1	PSKNR/L 12CA-12	16.0	20.0	55.0	20.0	20.0	20.0		7.0	58.1	5.0	0.10	SNMG 12 04 08
			1.969	*2.165*		*1*		*.630*	*.787*	*2.165*	*.787*	*.787*	*.787*		*.276*	*2.287*			*SNMG 432*
		16CA	55.0	63.0	0	1	PSKNR/L 16CA-12	20.0	25.0	63.0	25.0	25.0	25.0		9.0	66.1	5.0	0.20	SNMG 12 04 08
			2.165	*2.480*		*1*		*.787*	*.984*	*2.480*	*.984*	*.984*	*.984*		*.354*	*2.602*			*SNMG 432*
15	5/8	20CA	70.0	70.0	0	1	PSKNR/L 20CA-15	20.0	30.0	70.0	25.0	30.0	30.0		9.0	73.9	5.0	0.20	SNMG 15 06 12
			2.756	*2.756*		*1*		*.787*	*1.181*	*2.756*	*.984*	*1.181*	*1.181*		*.354*	*2.909*			*SNMG 543*
19	3/4	25CA	100.0	100.0	0	2	PSKNR 25CA-19	25.0	35.0	100.0	32.0	38.0	30.0	20.0	11.0	104.7	5.0	0.40	SNMG 19 06 12
			3.937	*3.937*		*2*		*.984*	*1.378*	*3.937*	*1.260*	*1.496*	*1.181*	*.787*	*.433*	*4.122*			*SNMG 643*

R = Right hand, L = Left hand

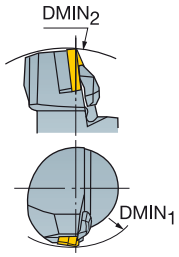
CNSC CXSC I38 A7 ISO 13399 I1 C3 – D C I36

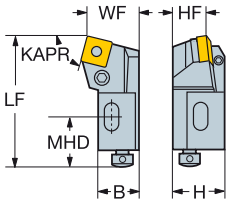
T-Max® P cartridge for turning

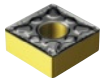
Lever clamp design

KAPR 75°
PSIR 15°

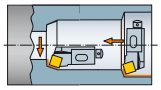








SNMM
SNMG
SNMA, SNGA

	IC	CZC$_{MS}$	DMIN$_1$	DMIN$_2$	OHX	CNSC	Ordering code	B	H	LF	WF	HF	MHD	DAH	Nm	Kg	MIID
	12	1/2	16CA	60.0	75.0	63.0	0	PSRNR/L 16CA-12	20.0	25.0	63.0	25.0	16.0	25.0	9.0	5.0	0.20	SNMG 12 04 08
				2.362	*2.953*	*2.480*			*.787*	*.984*	*2.480*	*.984*	*.630*	*.984*	*.354*			*SNMG 432*
	15	5/8	20CA	70.0	90.0	70.0	0	PSRNR/L 20CA-15	20.0	30.0	70.0	25.0	20.0	30.0	9.0	5.0	0.20	SNMG 15 06 12
				2.756	*3.543*	*2.756*			*.787*	*1.181*	*2.756*	*.984*	*.787*	*1.181*	*.354*			*SNMG 543*

R = Right hand, L = Left hand

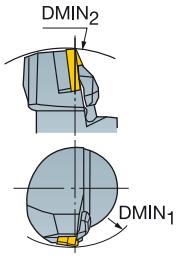
A7 I1 I38 I36

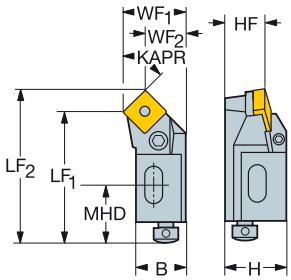
T-Max® P cartridge for turning

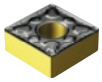
Lever clamp design

KAPR 45°
PSIR 45°

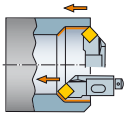








SNMM
SNMG
SNMA, SNGA

	IC	CZC$_{MS}$	DMIN$_1$	DMIN$_2$	OHX	CNSC	Ordering code	B	H	LF$_1$	LF$_2$	WF$_1$	WF$_2$	HF	MHD	DAH	Nm	Kg	MIID
								Dimensions, mm, inch											
	1/2	12CA	50.0	70.0	47.0	0	PSSNR/L 12CA-12	16.0	20.0	47.0	55.3	20.0	11.7	12.0	20.0	7.0	5.0	0.10	SNMG 12 04 08
			1.969	*2.756*	*1.850*			*.630*	*.787*	*1.850*	*2.177*	*.787*	*.461*	*.472*	*.787*	*.276*			*SNMG 432*
		16CA	55.0	75.0	53.0	0	PSSNR/L 16CA-12	20.0	25.0	53.0	61.3	25.0	16.7	16.0	25.0	9.0	5.0	0.20	SNMG 12 04 08
			2.165	*2.953*	*2.087*			*.787*	*.984*	*2.087*	*2.413*	*.984*	*.657*	*.630*	*.984*	*.354*			*SNMG 432*
	5/8	20CA	70.0	90.0	60.0	0	PSSNR 20CA-15	20.0	30.0	60.0	70.3	25.0	14.7	20.0	30.0	9.0	5.0	0.20	SNMG 15 06 12
			2.756	*3.543*	*2.362*			*.787*	*1.181*	*2.362*	*2.768*	*.984*	*.579*	*.787*	*1.181*	*.354*			*SNMG 543*

R = Right hand, L = Left hand

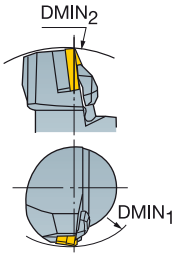
T-Max® P cartridge for turning

Lever clamp design

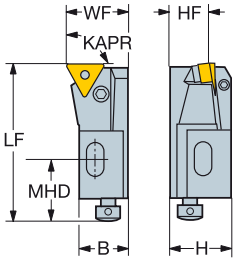




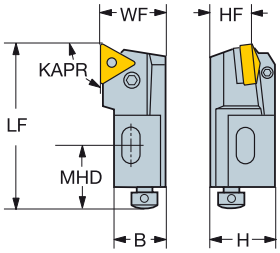
KAPR
PSIR



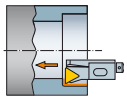
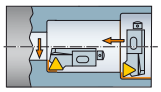
PTFNR/L..CA
90°
0°



PTGNR/L..CA
90°
0°



TNMM, TNMX
TNMG
TNMA, TNGA

										Dimensions, mm, inch									
	IC		CZC_{MS}	$DMIN_1$	$DMIN_2$	OHX	CNSC	Ordering code	B	H	LF	WF	HF	MHD	DAH	Nm	Kg	MIID
	16	3/8	16CA	55.0		63.0	0	PTFNR/L 16CA-16	20.0	25.0	63.0	25.0	25.0	25.0	9.0	5.0	0.20	TNMG 16 04 08
				2.165		*2.480*			*.787*	*.984*	*2.480*	*.984*	*.984*	*.984*	*.354*			*TNMG 332*
			12CA	50.0		55.0	0	PTFNR/L 12CA-16	16.0	20.0	55.0	20.0	20.0	20.0	7.0	5.0	0.10	TNMG 16 04 08
				1.969		*2.165*			*.630*	*.787*	*2.165*	*.787*	*.787*	*.787*	*.276*			*TNMG 332*
	22	1/2	20CA	70.0		70.0	0	PTFNR/L 20CA-22	20.0	30.0	70.0	25.0	30.0	30.0	9.0	5.0	0.30	TNMG 22 04 08
				2.756		*2.756*			*.787*	*1.181*	*2.756*	*.984*	*1.181*	*1.181*	*.354*			*TNMG 432*
	16	3/8	16CA	60.0	75.0	63.0	0	PTGNR/L 16CA-16	20.0	25.0	63.0	25.0	16.0	25.0	9.0	5.0	0.20	TNMG 16 04 08
				2.362	*2.953*	*2.480*			*.787*	*.984*	*2.480*	*.984*	*.630*	*.984*	*.354*			*TNMG 332*
			12CA	50.0	75.0	55.0	0	PTGNR/L 12CA-16	16.0	20.0	55.0	20.0	12.0	20.0	7.0	5.0	0.10	TNMG 16 04 08
				1.969	*2.953*	*2.165*			*.630*	*.787*	*2.165*	*.787*	*.472*	*.787*	*.276*			*TNMG 332*
	22	1/2	20CA	70.0	90.0	70.0	0	PTGNR/L 20CA-22	20.0	30.0	70.0	25.0	20.0	30.0	9.0	5.0	0.30	TNMG 22 04 08
				2.756	*3.543*	*2.756*			*.787*	*1.181*	*2.756*	*.984*	*.787*	*1.181*	*.354*			*TNMG 432*

R = Right hand, L = Left hand

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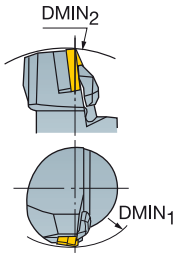
T-Max® P cartridge for turning

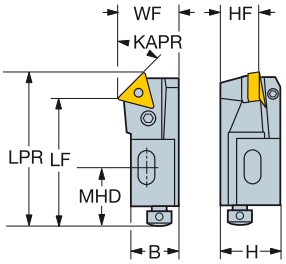
Lever clamp design

KAPR 45°
PSIR 45°

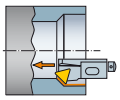








TNMM, TNMX
TNMG
TNMA, TNGA

								Dimensions, mm, inch											
	IC	CZC$_{MS}$	DMIN$_1$	OHX	CNSC	Ordering code	B	H	LF	WF	HF	MHD	DAH	LPR	Nm	Kg	MIID
	16	3/8	12CA	50.0	47.0	0	PTSNR/L 12CA-16	16.0	20.0	47.0	20.0	12.0	20.0	7.0	57.2	5.0	0.10	TNMG 16 04 08
				1.969	*1.850*			*.630*	*.787*	*1.850*	*.787*	*.472*	*.787*	*.276*	*2.252*			*TNMG 332*
			16CA	55.0	53.0	0	PTSNR 16CA-16	20.0	25.0	53.0	25.0	16.0	25.0	9.0	63.2	5.0	0.20	TNMG 16 04 08
				2.165	*2.087*			*.787*	*.984*	*2.087*	*.984*	*.630*	*.984*	*.354*	*2.488*			*TNMG 332*

R = Right hand, L = Left hand

 A7

ISO 13399 I1

CNSC CXSC I38

C3 – D C I36

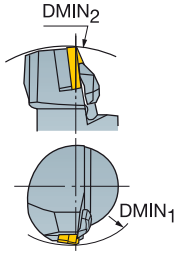
T-Max® P cartridge for turning

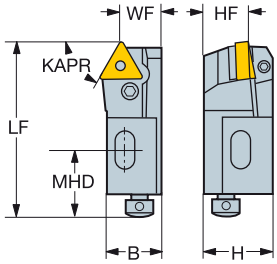
Lever clamp design

KAPR 60°
PSIR 30°









TNMM, TNMX
TNMG
TNMA, TNGA

										Dimensions, mm, inch									
																	Nm	Kg	
	16	3/8	12CA	50.0	75.0	55.0	0	PTTNR/L 12CA-16		16.0	20.0	55.0	13.0	12.0	20.0	7.0	5.0	0.10	TNMG 16 04 08
				1.969	*2.953*	*2.165*				*.630*	*.787*	*2.165*	*.512*	*.472*	*.787*	*.276*			*TNMG 332*

R = Right hand, L = Left hand

A7 I1 I38 I36

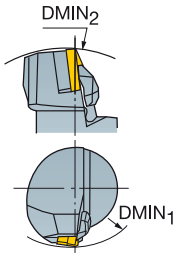
T-Max® P cartridge for turning

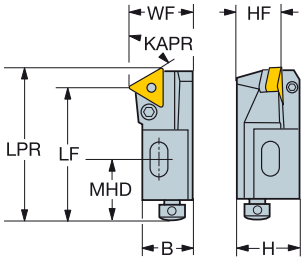
Lever clamp design

KAPR 60°
PSIR 30°









TNMM, TNMX
TNMG
TNMA, TNGA

									Dimensions, mm, inch										
	16	3/8	12CA	50.0	47.0	0	PTWNR/L 12CA-16		16.0	20.0	47.0	20.0	12.0	20.0	7.0	54.2	5.0	0.10	TNMG 16 04 08
				1.969	*1.850*				*.630*	*.787*	*1.850*	*.787*	*.472*	*.787*	*.276*	*2.134*			*TNMG 332*
			16CA	55.0	53.0	0	PTWNR 16CA-16		20.0	25.0	53.0	25.0	16.0	25.0	9.0	60.2	5.0	0.20	TNMG 16 04 08
				2.165	*2.087*				*.787*	*.984*	*2.087*	*.984*	*.630*	*.984*	*.354*	*2.370*			*TNMG 332*

R = Right hand, L = Left hand

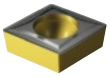
A7 I1 I38 I36

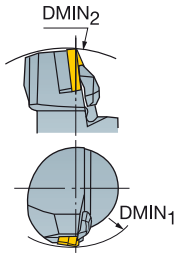
CoroTurn® 107 cartridge for turning

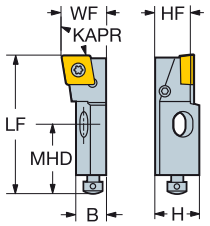
Screw clamp design

KAPR 90°
PSIR 0°



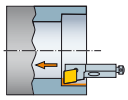






CCMT, CCGT
CCGX, CCET

CCMW

	IC	CZC$_{MS}$	DMIN$_1$	OHX	CNSC	Ordering code	B	H	LF	WF	HF	MHD	DAH	Nm	Kg	MIID
			Dimensions, mm, inch													
	06	1/4	08CA	25.0	32.0	0	SCFCR/L 08CA-06	8.0	11.0	32.0	10.0	8.0	17.0	4.5	0.9	0.04	CCMT 06 02 04
				.984	*1.260*			*.315*	*.433*	*1.260*	*.394*	*.315*	*.669*	*.177*			*CCMT 2(1.5)1*
	09	3/8	10CA	40.0	50.0	0	SCFCR/L 10CA-09	11.0	15.0	50.0	14.0	10.0	20.0	7.0	3.0	0.07	CCMT 09 T3 08
				1.575	*1.969*			*.433*	*.591*	*1.969*	*.551*	*.394*	*.787*	*.276*			*CCMT 3(2.5)2*
			12CA	50.0	55.0	0	SCFCR/L 12CA-09	16.0	20.0	55.0	20.0	12.0	20.0	7.0	3.0	0.11	CCMT 09 T3 08
				1.969	*2.165*			*.630*	*.787*	*2.165*	*.787*	*.472*	*.787*	*.276*			*CCMT 3(2.5)2*

R = Right hand, L = Left hand

 A7

ISO 13399 I1

CNSC CXSC I38

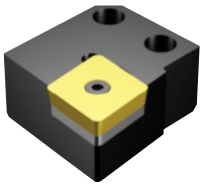
C3 – D C I36

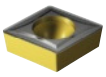
SANDVIK Coromant

CoroTurn® 107 cartridge for turning

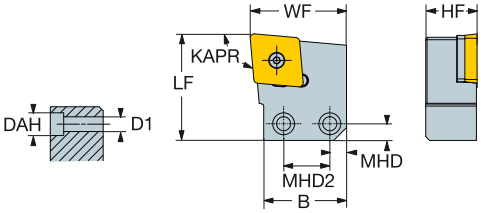
Screw clamp design

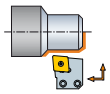
KAPR 95°
PSIR -5°





CCMT



	IC	CZC$_{MS}$	DMIN$_1$	OHX	CNSC	Ordering code	Dimensions, mm, inch B	LF	WF	HF	MHD	MHD2	DAH	D1	Nm	Kg	MIID
	38	1 1/2	40 x 64.5	130.0	83.0	0	SCLCR/L40CX-38	64.5	83.0	75.0	40.0	13.0	36.0	17.0	11.0	18.7	1.40	CCMT 38 09 32
			5.118	*3.268*				*2.539*	*3.268*	*2.953*	*1.575*	*.512*	*1.417*	*.669*	*.433*			*CCMT 38 09 32*

R = Right hand, L = Left hand

 A7

ISO 13399 I1

CNSC CXSC I38

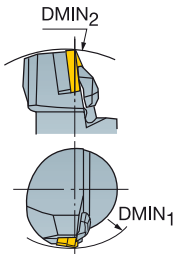
C3 – D C I36

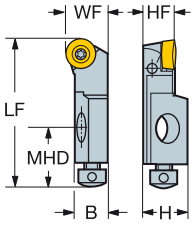
CoroTurn® 107 cartridge for turning

Screw clamp design

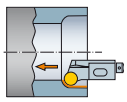








RCMT
RCGX-AL

	IC	CZC$_{MS}$	DMIN$_1$	OHX	CNSC	Ordering code	Dimensions, mm, inch B	H	LF	WF	HF	MHD	DAH	Nm	Kg	MIID
	06	.236	06CA	20.0	25.0	0	SRSCR/L 06CA-06	6.0	8.5	25.0	8.0	6.0	12.0	4.0	0.9	0.03	RCMT 06 02 M0
				.787	*.984*			*.236*	*.335*	*.984*	*.315*	*.236*	*.472*	*.157*			*RCMT 06 02 M0*
	08	.315	08CA	25.0	32.0	0	SRSCR/L 08CA-08	8.0	11.0	32.0	10.0	8.0	17.0	4.5	1.4	0.03	RCMT 08 03 M0
				.984	*1.260*			*.315*	*.433*	*1.260*	*.394*	*.315*	*.669*	*.177*			*RCMT 08 03 M0*
	10	.394	10CA	40.0	50.0	0	SRSCR/L 10CA-10	11.0	15.0	50.0	14.0	10.0	20.0	7.0	3.0	0.17	RCMT 10 T3 M0
				1.575	*1.969*			*.433*	*.591*	*1.969*	*.551*	*.394*	*.787*	*.276*			*RCMT 10 T3 M0*

R = Right hand, L = Left hand

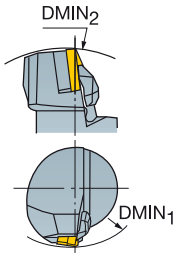
A7 I1 I38 I36

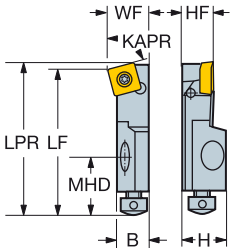
CoroTurn® 107 cartridge for turning

Screw clamp design

KAPR 75°
PSIR 15°









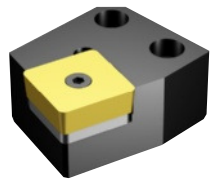
SCMT, SCGX
SCMW

								Dimensions, mm, inch											

CoroTurn® 107 cartridge for turning

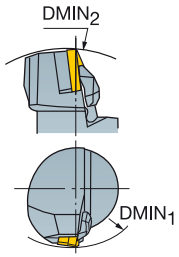
Screw clamp design

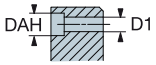
KAPR 75°
PSIR 15°

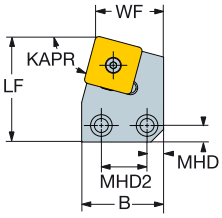


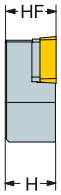


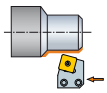
SCMT, SBMT









	IC	CZC$_{MS}$	DMIN$_1$	OHX	CNSC	Ordering code	B	LF	WF	HF	MHD	MHD2	DAH	D1	Nm	Kg	MIID
	38	1 1/2	40 x 64.5	130.0	83.0	0	SSRBR/L40CX-38	64.5	92.8	53.3	40.0	13.0	36.0	17.0	11.0	18.7	1.40	SBMT 38 12 32
				5.118	3.268			2.539	3.654	2.096	1.575	.512	1.417	.669	.433			SBMT 38 12 32

Dimensions, mm, inch

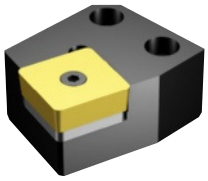
R = Right hand, L = Left hand

A7 I1 I38 I36

CoroTurn® 107 cartridge for turning

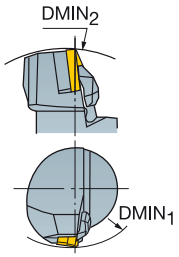
Screw clamp design

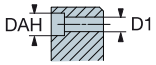
KAPR 75°
PSIR 15°

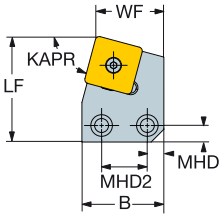


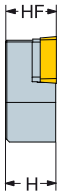


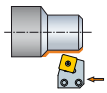
SCMT, SBMT









								Dimensions, mm, inch										
		IC	CZC_{MS}	$DMIN_1$	OHX	CNSC	Ordering code	B	LF	WF	HF	MHD	MHD2	DAH	D1	Nm	Kg	MIID
	38	1 1/2	40 x 64.5	130.0	83.0	0	SSRCR/L40CX-38	64.5	92.8	53.3	40.0	13.0	36.0	17.0	11.0	18.7	1.40	SCMT 38 09 32
				5.118	3.268			2.539	3.654	2.096	1.575	.512	1.417	.669	.433			SCMT 38 09 32

R = Right hand, L = Left hand

A7 I1 I38 I36

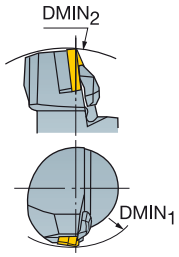
CoroTurn® 107 cartridge for turning

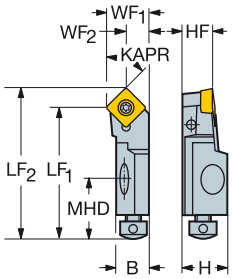
Screw clamp design

KAPR 45°
PSIR 45°

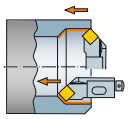








SCMT, SCGX
SCMW

	IC	CZC$_{MS}$	DMIN$_1$	DMIN$_2$	OHX	CNSC	Ordering code	B	H	LF$_1$	LF$_2$	WF$_1$	WF$_2$	HF	MHD	DAH	Nm	Kg	MIID
			Dimensions, mm, inch																
	09	10CA	40.0	55.0	44.0	0	SSSCR/L 10CA-09-M	11.0	15.0	44.0	50.1	14.0	7.9	10.0	20.0	7.0	3.0	0.02	SCMT 09 T3 08
	3/8		*1.575*	*2.165*	*1.732*			*.433*	*.591*	*1.732*	*1.972*	*.551*	*.311*	*.394*	*.787*	*.276*			*SCMT 3(2.5)2*
	12	12CA	40.0	55.0	47.0	0	SSSCR/L 12CA-12	16.0	20.0	47.0	55.3	20.0	11.7	12.0	20.0	7.0	3.9	0.11	SCMT 12 04 08
	1/2		*1.575*	*2.165*	*1.850*			*.630*	*.787*	*1.850*	*2.177*	*.787*	*.461*	*.472*	*.787*	*.276*			*SCMT 432*

R = Right hand, L = Left hand

 A7
ISO 13399 I1
CNSC CXSC I38
C3 – D C I36

CoroTurn® 107 cartridge for turning

Screw clamp design

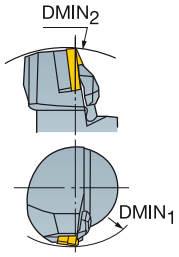
KAPR
PSIR

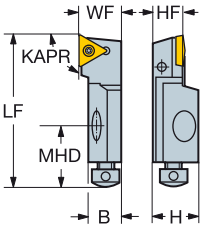
STGCR/L..CA
90°
0°

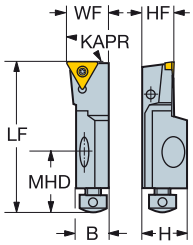
STFCR/L..CA
90°
0°





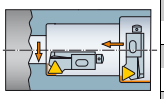
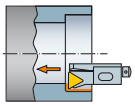






TCMT, TCMX, TCGT, TCGX TCEX

TCMW

									Ordering code	Dimensions, mm, inch									MIID
										B	H	LF	WF	HF	MHD	DAH	Nm	Kg	
	06	5/32	06CA	20.0	30.0	25.0	0	STGCR/L 06CA-06		6.0	8.5	25.0	8.0	6.0	12.0	4.0	0.6	0.03	TCMT 06 T1 02
				.787	*1.181*	*.984*				*.236*	*.335*	*.984*	*.315*	*.236*	*.472*	*.157*			*TCMT 1.2(1.2)0*
	09	7/32	08CA	25.0	37.0	32.0	0	STGCR/L 08CA-09		8.0	11.0	32.0	10.0	8.0	17.0	4.5	0.9	0.03	TCMT 09 02 04
				.984	*1.457*	*1.260*				*.315*	*.433*	*1.260*	*.394*	*.315*	*.669*	*.177*			*TCMT 1.8(1.5)1*
	11	1/4	10CA	40.0	55.0	50.0	0	STGCR/L 10CA-11		11.0	15.0	50.0	14.0	10.0	20.0	7.0	0.9	0.08	TCMT 11 02 04
				1.575	*2.165*	*1.969*				*.433*	*.591*	*1.969*	*.551*	*.394*	*.787*	*.276*			*TCMT 2(1.5)1*
			10CA	40.0	55.0	50.0	0	STGCR/L 10CA-11-B1		11.0	15.0	50.0	14.0	10.0	20.0	7.0	0.9	0.06	TCMT 11 03 04
				1.575	*2.165*	*1.969*				*.433*	*.591*	*1.969*	*.551*	*.394*	*.787*	*.276*			*TCMT 221*
	16	3/8	12CA	50.0	75.0	55.0	0	STGCR/L 12CA-16-M		16.0	20.0	55.0	20.0	12.0	20.0	7.0	3.0	0.11	TCMT 16 T3 08
				1.969	*2.953*	*2.165*				*.630*	*.787*	*2.165*	*.787*	*.472*	*.787*	*.276*			*TCMT 3(2.5)2*
			16CA	60.0	75.0	63.0	0	STGCR/L 16CA-16		20.0	25.0	63.0	25.0	16.0	25.0	9.0	3.0	0.17	TCMT 16 T3 08
				2.362	*2.953*	*2.480*				*.787*	*.984*	*2.480*	*.984*	*.630*	*.984*	*.354*			*TCMT 3(2.5)2*
	06	5/32	06CA	20.0		25.0	0	STFCR/L 06CA-06		6.0	8.5	25.0	8.0	8.5	12.0	4.0	0.6	0.03	TCMT 06 T1 02
				.787		*.984*				*.236*	*.335*	*.984*	*.315*	*.335*	*.472*	*.157*			*TCMT 1.2(1.2)0*
	09	7/32	08CA	25.0		32.0	0	STFCR/L 08CA-09		8.0	11.0	32.0	10.0	10.0	17.0	4.5	0.9	0.03	TCMT 09 02 04
				.984		*1.260*				*.315*	*.433*	*1.260*	*.394*	*.394*	*.669*	*.177*			*TCMT 1.8(1.5)1*
	11	1/4	10CA	40.0		50.0	0	STFCR/L 10CA-11		11.0	15.0	50.0	14.0	15.0	20.0	7.0	0.9	0.08	TCMT 11 02 04
				1.575		*1.969*				*.433*	*.591*	*1.969*	*.551*	*.591*	*.787*	*.276*			*TCMT 2(1.5)1*
			10CA	40.0		50.0	0	STFCR/L 10CA-11-B1		11.0	15.0	50.0	14.0	15.0	20.0	7.0	0.9	0.08	TCMT 11 03 04
				1.575		*1.969*				*.433*	*.591*	*1.969*	*.551*	*.591*	*.787*	*.276*			*TCMT 221*
	16	3/8	12CA	50.0		55.0	0	STFCR/L 12CA-16-M		16.0	20.0	55.0	20.0	20.0	20.0	7.0	3.0	0.19	TCMT 16 T3 08
				1.969		*2.165*				*.630*	*.787*	*2.165*	*.787*	*.787*	*.787*	*.276*			*TCMT 3(2.5)2*
			16CA	55.0		63.0	0	STFCR/L 16CA-16		20.0	25.0	63.0	25.0	21.0	25.0	9.0	3.0	0.16	TCMT 16 T3 08
				2.165		*2.480*				*.787*	*.984*	*2.480*	*.984*	*.827*	*.984*	*.354*			*TCMT 3(2.5)2*

R = Right hand, L = Left hand

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CNSC CXSC I38

C3 – D C I36

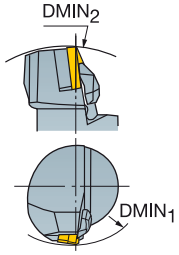
CoroTurn® 107 cartridge for turning

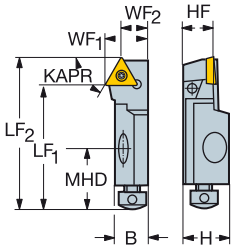
Screw clamp design

KAPR 45°
PSIR 45°



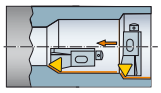






TCMT, TCMX, TCGT, TCGX TCEX

TCMW

	IC	CZC$_{MS}$	DMIN$_1$	DMIN$_2$	OHX	CNSC	Ordering code	B	H	LF$_1$	LF$_2$	WF$_1$	WF$_2$	HF	MHD	DAH	Nm	Kg	MIID
	06	06CA	20.0	30.0	21.0	0	STSCR/L 06CA-06	6.0	8.5	21.0	25.5	8.0	3.5	6.0	12.0	4.0	0.6	0.03	TCMT 06 T1 02
			.787	*1.181*	*.827*			*.236*	*.335*	*.827*	*1.004*	*.315*	*.138*	*.236*	*.472*	*.157*			*TCMT 1.2(1.2)0*
	09	08CA	25.0	35.0	28.0	0	STSCR/L 08CA-09	8.0	11.0	28.0	34.1	10.0	3.9	8.0	17.0	4.5	0.9	0.03	TCMT 09 02 04
			.984	*1.378*	*1.102*			*.315*	*.433*	*1.102*	*1.343*	*.394*	*.154*	*.315*	*.669*	*.177*			*TCMT 1.8(1.5)1*
	11	10CA	40.0	55.0	44.0	0	STSCR/L 10CA-11	11.0	15.0	44.0	51.0	14.0	7.0	10.0	20.0	7.0	0.9	0.08	TCMT 11 02 04
			1.575	*2.165*	*1.732*			*.433*	*.591*	*1.732*	*2.008*	*.551*	*.276*	*.394*	*.787*	*.276*			*TCMT 2(1.5)1*
		10CA	40.0	55.0	44.0	0	STSCR/L 10CA-11-B1	11.0	15.0	44.0	51.0	14.0	7.0	10.0	20.0	7.0	0.9	0.08	TCMT 11 03 04
			1.575	*2.165*	*1.732*			*.433*	*.591*	*1.732*	*2.008*	*.551*	*.276*	*.394*	*.787*	*.276*			*TCMT 221*
	16	12CA	50.0	75.0	47.0	0	STSCR/L 12CA-16-M	16.0	20.0	47.0	57.2	20.0	9.8	12.0	20.0	7.0	3.0	0.19	TCMT 16 T3 08
			1.969	*2.953*	*1.850*			*.630*	*.787*	*1.850*	*2.252*	*.787*	*.386*	*.472*	*.787*	*.276*			*TCMT 3(2.5)2*
		16CA	55.0	75.0	53.0	0	STSCR/L 16CA-16	20.0	25.0	53.0	63.2	25.0	14.8	16.0	25.0	9.0	3.0	0.17	TCMT 16 T3 08
			2.165	*2.953*	*2.087*			*.787*	*.984*	*2.087*	*2.488*	*.984*	*.583*	*.630*	*.984*	*.354*			*TCMT 3(2.5)2*

R = Right hand, L = Left hand

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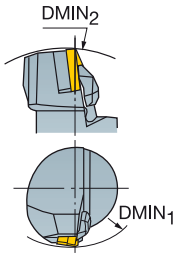
CoroTurn® 107 cartridge for turning

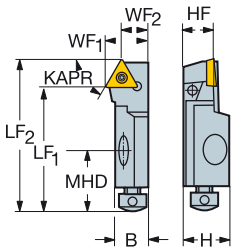
Screw clamp design

KAPR 60°
PSIR 30°



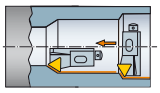






TCMT, TCMX, TCGT, TCGX TCEX

TCMW

									Dimensions, mm, inch													
		IC	CZC_{MS}	$DMIN_1$	$DMIN_2$	OHX	CNSC	Ordering code	B	H	LF_1	LF_2	WF_1	WF_2	HF	MHD	DAH	Nm	Kg	MIID
	06	5/32	06CA	20.0	30.0	25.0	0	STTCR/L 06CA-06	6.0	8.5	19.8	25.0	8.5	5.5	6.0	12.0	4.0	0.6	0.03	TCMT 06 T1 02
				.787	*1.181*	*.984*			*.236*	*.335*	*.780*	*.984*	*.335*	*.217*	*.236*	*.472*	*.157*			*TCMT 1.2(1.2)0*
	09	7/32	08CA	25.0	37.0	32.0	0	STTCR/L 08CA-09	8.0	11.0	24.2	32.0	10.5	6.0	8.0	17.0	4.5	0.9	0.03	TCMT 09 02 04
				.984	*1.457*	*1.260*			*.315*	*.433*	*.953*	*1.260*	*.413*	*.236*	*.315*	*.669*	*.177*			*TCMT 1.8(1.5)1*
	11	1/4	10CA	40.0	55.0	50.0	0	STTCR 10CA-11-B1	11.0	15.0	40.5	50.0	14.5	9.0	10.0	20.0	7.0	0.9	0.08	TCMT 11 03 04
				1.575	*2.165*	*1.969*			*.433*	*.591*	*1.594*	*1.969*	*.571*	*.354*	*.394*	*.787*	*.276*			*TCMT 221*
			10CA	40.0	55.0	50.0	0	STTCR/L 10CA-11	11.0	15.0	40.5	50.0	14.5	9.0	10.0	20.0	7.0	0.9	0.08	TCMT 11 02 04
				1.575	*2.165*	*1.969*			*.433*	*.591*	*1.594*	*1.969*	*.571*	*.354*	*.394*	*.787*	*.276*			*TCMT 2(1.5)1*
	16	3/8	12CA	50.0	75.0	55.0	0	STTCR/L 12CA-16-M	16.0	20.0	41.1	55.0	21.0	13.0	12.0	20.0	7.0	3.0	0.19	TCMT 16 T3 08
				1.969	*2.953*	*2.165*			*.630*	*.787*	*1.618*	*2.165*	*.827*	*.512*	*.472*	*.787*	*.276*			*TCMT 3(2.5)2*
			16CA	60.0	75.0	63.0	0	STTCR/L 16CA-16	20.0	25.0	49.1	63.0	23.0	15.0	16.0	25.0	9.0	3.0	0.17	TCMT 16 T3 08
				2.362	*2.953*	*2.480*			*.787*	*.984*	*1.933*	*2.480*	*.906*	*.591*	*.630*	*.984*	*.354*			*TCMT 3(2.5)2*

R = Right hand, L = Left hand

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CNSC CXSC I38

C3 – D C I36

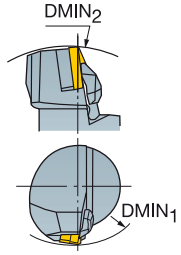
CoroTurn® 107 cartridge for turning

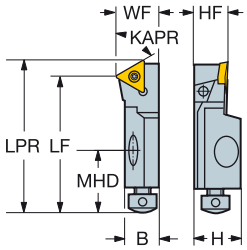
Screw clamp design

KAPR 60°
PSIR 30°









TCMT, TCMX, TCGT, TCGX TCEX

TCMW

	IC	CZC$_{MS}$	DMIN$_1$	OHX	CNSC	Ordering code	B	H	LF	WF	HF	MHD	DAH	LPR	Nm	Kg	MIID
	06	06CA	20.0	21.0	0	STWCR 06CA-06	6.0	8.5	21.0	8.0	8.5	12.0	4.0	24.2	0.6	0.02	TCMT 06 T1 02
	5/32		*.787*	*.827*			*.236*	*.335*	*.827*	*.315*	*.335*	*.472*	*.157*	*.953*			*TCMT 1.2(1.2)0*
	09	08CA	25.0	28.0	0	STWCR 08CA-09	8.0	11.0	28.0	10.0	10.0	17.0	4.5	32.3	0.9	0.03	TCMT 09 02 04
	7/32		*.984*	*1.102*			*.315*	*.433*	*1.102*	*.394*	*.394*	*.669*	*.177*	*1.272*			*TCMT 1.8(1.5)1*
	11	10CA	40.0	44.0	0	STWCR/L 10CA-11	11.0	15.0	44.0	14.0	15.0	20.0	7.0	49.0	0.9	0.08	TCMT 11 02 04
	1/4		*1.575*	*1.732*			*.433*	*.591*	*1.732*	*.551*	*.591*	*.787*	*.276*	*1.929*			*TCMT 2(1.5)1*
		10CA	40.0	44.0	0	STWCR/L 10CA-11-B1	11.0	15.0	44.0	14.0	15.0	20.0	7.0	49.0	0.9	0.06	TCMT 11 03 04
			1.575	*1.732*			*.433*	*.591*	*1.732*	*.551*	*.591*	*.787*	*.276*	*1.929*			*TCMT 221*
	16	12CA	50.0	47.0	0	STWCR/L 12CA-16-M	16.0	20.0	47.0	20.0	20.0	20.0	7.0	54.4	3.0	0.10	TCMT 16 T3 08
	3/8		*1.969*	*1.850*			*.630*	*.787*	*1.850*	*.787*	*.787*	*.787*	*.276*	*2.142*			*TCMT 3(2.5)2*

Dimensions, mm, inch

R = Right hand, L = Left hand

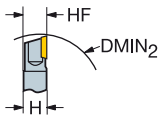
A7 I1 I38 I36

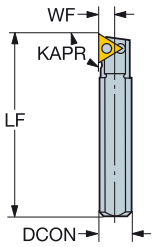
CoroTurn® 107 cartridge for turning

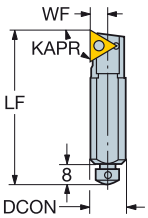
Screw clamp design

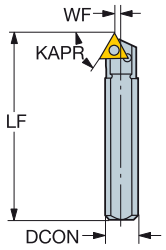
	R/L141.0 (1)	R/L141.0 (2)	R/L140.0 (1)	R/L140.0 (2)
KAPR	90°	90°	60°	60°
PSIR	0°	0°	30°	30°

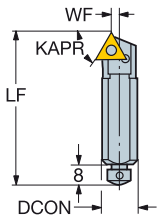








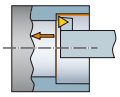
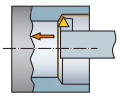






TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW

	IC	CZC_MS	DMIN2	OHX	CNSC	DSGN	Ordering code	DCON	H	LF	WF	HF	Nm	Kg	MIID
	06	5/32	08	40.0	30.0	0	1	R/L141.0-8-06	8	7.0	30.0	4.0	7.0	0.9	0.02	TCMT 06 T1 02
				1.575	*1.181*		*1*		*.315*	*.276*	*1.181*	*.157*	*.276*			*TCMT 1.2(1.2)0*
	09	7/32	10	60.0	50.0	0	1	R/L141.0-10-09	10	8.5	50.0	5.1	8.5	0.9	0.04	TCMT 09 02 04
				2.362	*1.969*		*1*		*.394*	*.335*	*1.969*	*.201*	*.335*			*TCMT 1.8(1.5)1*
	11	1/4	12	78.0	68.0	0	2	R/L141.0-12-11	12	10.5	68.0	6.0	10.5	0.9	0.06	TCMT 11 02 04
				3.071	*2.677*		*2*		*.472*	*.413*	*2.677*	*.236*	*.413*			*TCMT 2(1.5)1*
			16	108.0	98.0	0	2	R/L141.0-16-11	16	14.0	98.0	7.5	14.0	0.9	0.13	TCMT 11 02 04
				4.252	*3.858*		*2*		*.630*	*.551*	*3.858*	*.295*	*.551*			*TCMT 2(1.5)1*
	16	3/8	20	138.0	128.0	0	2	R/L141.0-20-16	20	17.0	128.0	10.7	17.0	3.0	0.28	TCMT 16 T3 08
				5.433	*5.039*		*2*		*.787*	*.669*	*5.039*	*.421*	*.669*			*TCMT 3(2.5)2*
	06	5/32	08	40.0	30.0	0	1	R/L140.0-8-06	8	7.0	30.0	1.5	7.0	0.9	0.02	TCMT 06 T1 02
				1.575	*1.181*		*1*		*.315*	*.276*	*1.181*	*.058*	*.276*			*TCMT 1.2(1.2)0*
	09	7/32	10	60.0	50.0	0	1	R/L140.0-10-09	10	8.5	50.0	1.7	8.5	0.9	0.04	TCMT 09 02 04
				2.362	*1.969*		*1*		*.394*	*.335*	*1.969*	*.067*	*.335*			*TCMT 1.8(1.5)1*
	11	1/4	12	78.0	68.0	0	2	R/L140.0-12-11	12	10.5	68.0	2.2	10.5	0.9	0.06	TCMT 11 02 04
				3.071	*2.677*		*2*		*.472*	*.413*	*2.677*	*.087*	*.413*			*TCMT 2(1.5)1*
			16	108.0	98.0	0	2	R/L140.0-16-11	16	14.0	98.0	2.2	14.0	0.9	0.13	TCMT 11 02 04
				4.252	*3.858*		*2*		*.630*	*.551*	*3.858*	*.087*	*.551*			*TCMT 2(1.5)1*
	16	3/8	20	138.0	128.0	0	2	R/L140.0-20-16	20	17.0	128.0	2.4	17.0	3.0	0.28	TCMT 16 T3 08
				5.433	*5.039*		*2*		*.787*	*.669*	*5.039*	*.094*	*.669*			*TCMT 3(2.5)2*

R = Right hand, L = Left hand

 A7

ISO 13399 I1

CNSC CXSC I38

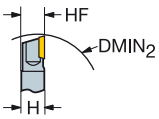
C3 – D C I36

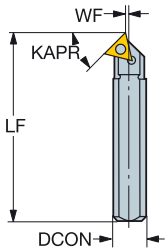
CoroTurn® 107 cartridge for turning

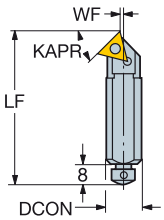
Screw clamp design

	R/L142.0 (1)	R/L142.0 (2)
KAPR	45°	45°
PSIR	45°	45°











TCMT, TCMX, TCGT, TCGX TCEX

TCMW

	IC	CZC$_{MS}$	DMIN$_2$	OHX	CNSC	DSGN	Ordering code	DCON	H	LF	WF	HF	Nm	Kg	MIID
06	5/32	08	40.0	30.0	0	1	R/L142.0-8-06	8	7.0	30.0	0.4	7.0	0.9	0.02	TCMT 06 T1 02
			1.575	*1.181*		*1*		*.315*	*.276*	*1.181*	*.015*	*.276*			*TCMT 1.2(1.2)0*
09	7/32	10	60.0	50.0	0	1	R/L142.0-10-09	10	8.5	50.0	-0.2	8.5	0.9	0.04	TCMT 09 02 04
			2.362	*1.969*		*1*		*.394*	*.335*	*1.969*	*-.009*	*.335*			*TCMT 1.8(1.5)1*
11	1/4	12	78.0	68.0	0	2	R/L142.0-12-11	12	10.5	68.0	0.5	10.5	0.9	0.06	TCMT 11 02 04
			3.071	*2.677*		*2*		*.472*	*.413*	*2.677*	*.020*	*.413*			*TCMT 2(1.5)1*
		16	108.0	98.0	0	2	R/L142.0-16-11	16	14.0	98.0	0.5	14.0	0.9	0.13	TCMT 11 02 04
			4.252	*3.858*		*2*		*.630*	*.551*	*3.858*	*.020*	*.551*			*TCMT 2(1.5)1*
16	3/8	20	138.0	128.0	0	2	R/L142.0-20-16	20	17.0	128.0	-0.7	17.0	3.0	0.28	TCMT 16 T3 08
			5.433	*5.039*		*2*		*.787*	*.669*	*5.039*	*-.028*	*.669*			*TCMT 3(2.5)2*

Dimensions, mm, inch

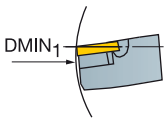
R = Right hand, L = Left hand

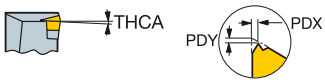
A7 I1 I38 I36

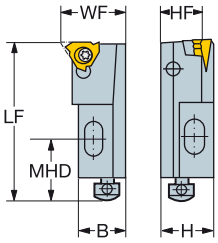
CoroThread® 266 cartridge for thread turning

Screw clamp design



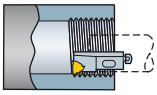








266 R/LL

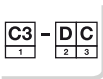
	IC		CZC$_{MS}$	DMIN$_1$	OHX	CNSC	Ordering code	B	H	LF	WF	HF	THCA	MHD	Nm	Kg	MIID
				Dimensions, mm, inch													
	16	3/8	16CA	55	63	0	**266R/LKF-16CA-16**	20	25	63.0	25.0	16	1	25.0	3.0	0.16	266.LL-16..
				2.165	*2.480*			*.787*	*0.984*	*2.480*	*.984*	*.630*		*.984*			*266.LL-16..*
	22	1/2	20CA	60	70	0	**266R/LKF-20CA-22**	20	30	70.0	25.0	20	-1	30.0	5.0	0.17	266.LL-22..
				2.362	*2.756*			*.787*	*1.181*	*2.756*	*.984*	*.787*		*1.181*			*266.LL-22..*

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

 A7

 I1

 I38

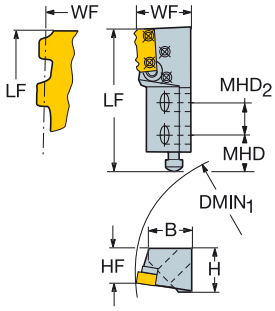
 I33

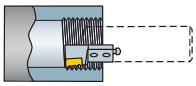
T-Max® Twin-Lock cartridge for thread turning

Lever clamp design



R166.39G/L



	SSC	SSC	CZC$_{MS}$	DMIN$_1$	OHX	CNSC	Ordering code	Dimensions, mm, inch B	H	LF	WF	HF	THCA	Nm	Kg	MIID
	24	24	1832	114	80	0	R466.39KF-1832-24	25	24	80.0	30.0	18	1	1.7	0.29	R166.39L-24..
				4.488	*3.150*			*.984*	*0.945*	*3.150*	*1.181*	*.709*				*R166.39L-24..*

R = Right hand, L = Left hand

 A7

ISO 13399 I1

CNSC CXSC I38

C3 – D C I34

SANDVIK Coromant

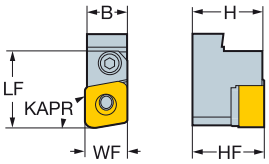
Cartridge for turning

Lever clamp design

Cartridge for railway wheel re-turning

KAPR 90°
PSIR 0°







CNMX

						Dimensions, mm, inch							
	IC	CZC_{MS}	OHX	CNSC	Ordering code	B	H	LF	WF	HF	Nm	Kg	MIID
19	3/4	L3219	35.0	0	R/L177.32-3219-1911	18.6	32.0	35.0	19.1	32.0	10.0	0.13	CNMX 19 11 40
			1.378			.732	1.260	1.378	.752	1.260			CNMX 19 11 40

R = Right hand, L = Left hand

A96 I1 I38 I34

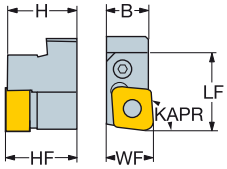
Cartridge for turning

Lever clamp design

Cartridge for railway wheel re-turning

KAPR 95°
PSIR -5°







CNMX

						Dimensions, mm, inch							
	IC	CZC_{MS}	OHX	CNSC	Ordering code	B	H	LF	WF	HF	Nm	Kg	MIID
19	3/4	R3223	35.9	0	R/L175.32-3223-1911	22.6	32.0	35.9	19.1	32.0	5.0	0.14	CNMX 19 11 40
			1.413			.890	1.260	1.413	.752	1.260			CNMX 19 11 40

R = Right hand, L = Left hand

A96 I1 I38 I34

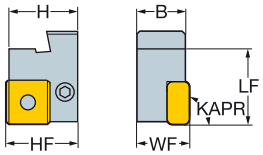
Cartridge for turning

Lever clamp design

Cartridge for railway wheel re-turning

KAPR 90°
PSIR 0°









LNMX

					Dimensions, mm, inch							
	CZC_{MS}	OHX	CNSC	Ordering code	B	H	LF	WF	HF	Nm	Kg	MIID
19	L3223	35.0	0	R/L175.32-3223-19	22.6	32.0	35.0	23.0	32.0	5.0	0.13	LNMX 19 19 40
	R3223	1.378			.890	1.260	1.378	.906	1.260			LNMX 19 19 40
30	R3223	35.0	0	R/L175.32-3223-30	22.6	32.0	35.0	23.0	32.0	5.0	0.14	LNMX 30 19 40
	R3223	1.378			.890	1.260	1.378	.906	1.260			LNMX 30 19 40

R = Right hand, L = Left hand

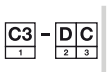

A95



I1



I38



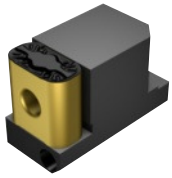
I34

Cartridge for turning

Lever clamp design

Cartridge for railway wheel re-turning

KAPR 90°
PSIR 0°

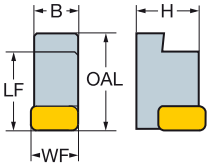






LNMX





						Dimensions, mm, inch							
		CZC_{MS}	OHX	CNSC	Ordering code	B	H	LF	WF	HF	Nm	Kg	MIID
19	19	R3219	35.0	0	R/L177.32-3219-19	18.6	32.0	35.0	19.1	32.0	5.0	0.12	LNMX 19 19 40
			1.378			.732	1.260	1.378	.752	1.260			LNMX 19 19 40

R = Right hand, L = Left hand

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How to choose your tool

1 **Select a coupling size**

- Turn to the ordering page and select the right coupling size

2 **Select clamping unit**

- Use the programme overview to choose a holder based on machine type.

3 **Choose modular SL-system or integral cutting units**

4 **Add extension if necessary**

Symbols for page references:

ISO 13399 Explanation of ISO 13399 parameters

CNSC CXSC Coolant supply information

C3 - D C Code key

Machine adapted clamping units

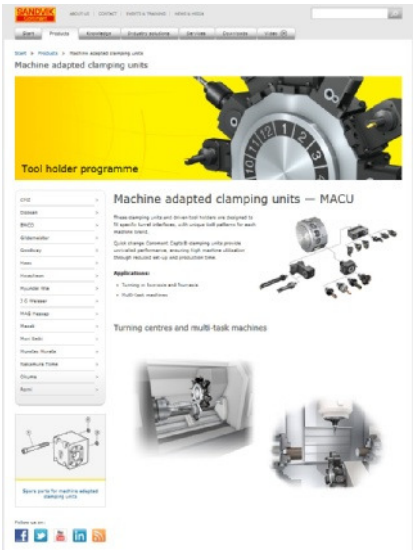
These clamping units and driven tool holders are designed to fit specific turret interfaces.

Quick Change Coromant Capto® clamping units provide unrivalled performance, ensuring that machine utilization is optimized through reduced setup and production time.





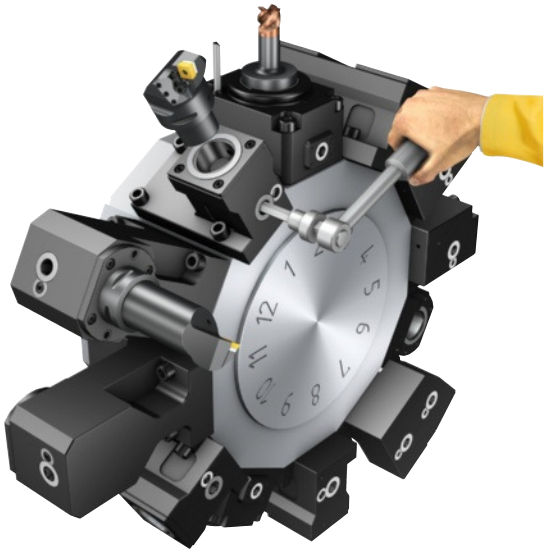




Machine specific catalogues available on our website

http://www.sandvik.coromant.com/en-gb/products/machine-adapted-clamping-units/pages/default.aspx

Assortment



These clamping units and driven tool holders are designed to fit specific turret interfaces.

Turning centres with milling option

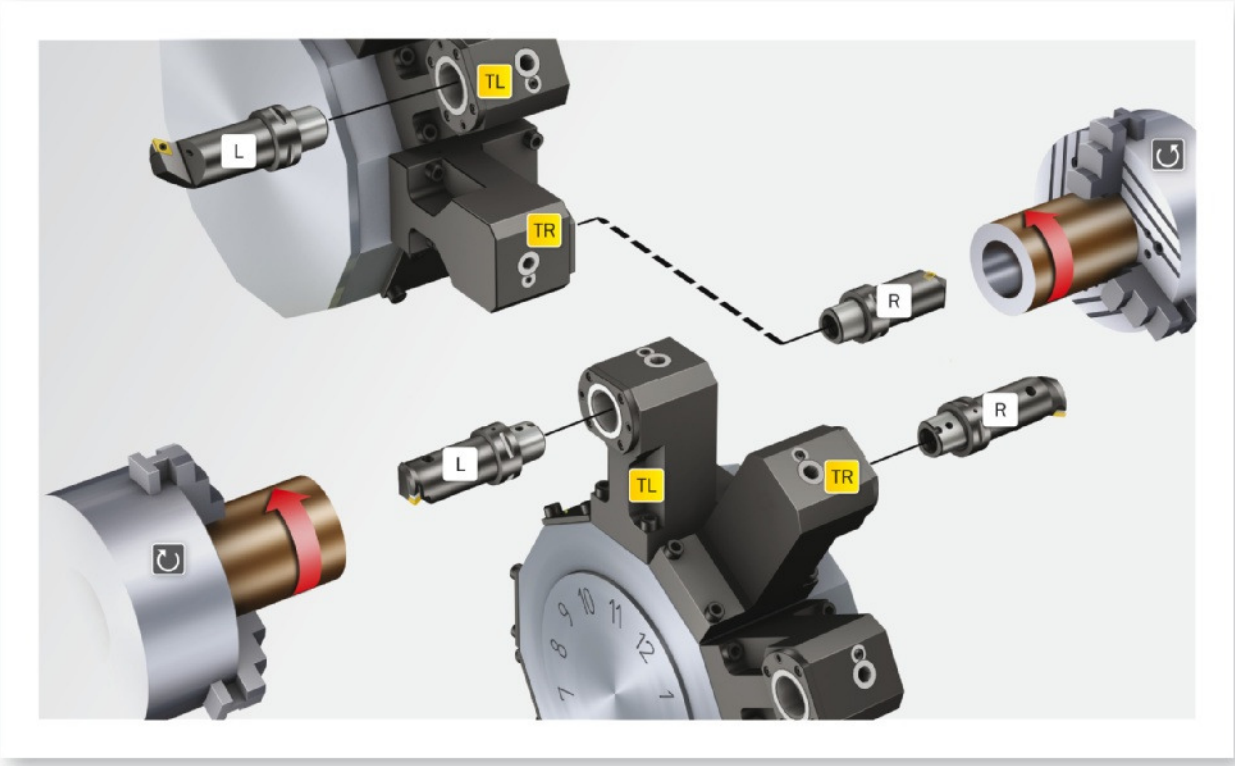
Machine	Model	Interface
Doosan	Puma TT1500, 1800 MS/SY Puma 230-280 M/MS, Puma 1500-2500 M/MS, Puma TLO2000, 2500M, Lynx 300 M	BT55A
Doosan	Puma 2100, 2600, 3100 M/MS/Y/SY, TT2000, 2500 MS/SY, MX2000, 2500, 2600 T/ST/SY, 300 M/MS	BT65A
Doosan	Puma 400, 480M/LM V550 M, VT750 M, M-2SP	BT75A
Doosan	Puma 600/700/800 LM VT900 M	BT85A
Gildemeister	CTX Beta 4A, 4A TC, V6, CTX Gamma V10 (Trifix®)	GM40V
Hwacheon	Cutex-160 MC/SMC	BT55A
Hwacheon	Hi-Tech 200 MC, Hi-Tech 200 MC, Hi-Tech 450, T2	BT65A
Hwacheon	Hi-Tech 550 MC, VT 550 MC	BT75A
Hwacheon	Hi-Tech 850 MC/YMC, VT 1150 MC	BT85A
Hyundai Wia	L230 LMSA	BT55A
Hyundai Wia	L300 M/MS, L2100 SY, LM2000, 2500, SKT250, 300 M/MS, SKT200, 250 TT M/MS/SY	BT65A
Hyundai Wia	L400 MA/MC/LMC, LV800RM / SKT-V80RM, SKT400M	BT75A
Hyundai Wia	L600, 700 M/LM, SKT600, 700 LM	BT85A
Mazak	QTN200, 250M, MS, MSY	MZ40V
Mazak	Hyper Quadrex 200MSY, MuilotiPlex 6200, 6250Y	MZ40X
Mazak	QTN 300, 350, 400, 450M, MY, Hyper Quadrex 450M, STN 500, 550M, MTN 900M	MZ50V
Mazak	QTN 200M, 250M	MZ68A
Mazak	QTS 200M, 250M	MZ68B
Mazak	QTS 300M, 350M	MZ80A
Mazak	Cybertech Turn 4500/5500M, MT, MTN1600	MZ-F
Mori Seiki	DuraTurn 2050, 2550 MC, NL 1500, 2000 (20stn), NT 1000, 3100, 3150, 3200, NTX 1000, 2000, NZ/NZX 1500, 2000	MS40A
Mori Seiki	NL, NLX 1500-3000 MC/ Y/ SMC/ CY and NZL 2500	MS60A
Mori Seiki	NZX 4000	MS75A
Mori Seiki	NZX 6000	MS110A
Nakamura	WT-150, 250 II, Super NTJ, NTM3, NTJX, SC-200, 250, TW-10, 20 (16stn)	NA55A
Nakamura	WT-300, Super NTX, TW-20 (12stn), SC-300	NA65A
Nakamura	TW-30, SC-450, STW-40	NA75A
Okuma	LT 2000 EX, M, MY (16 stn)	OK55A
Okuma	LB2000, 2500, 3000 EX	OK60A
Okuma	LB4000 EX	OK60B
Okuma	LT3000 EX, M, MY	OK60C

Turning centres without milling option

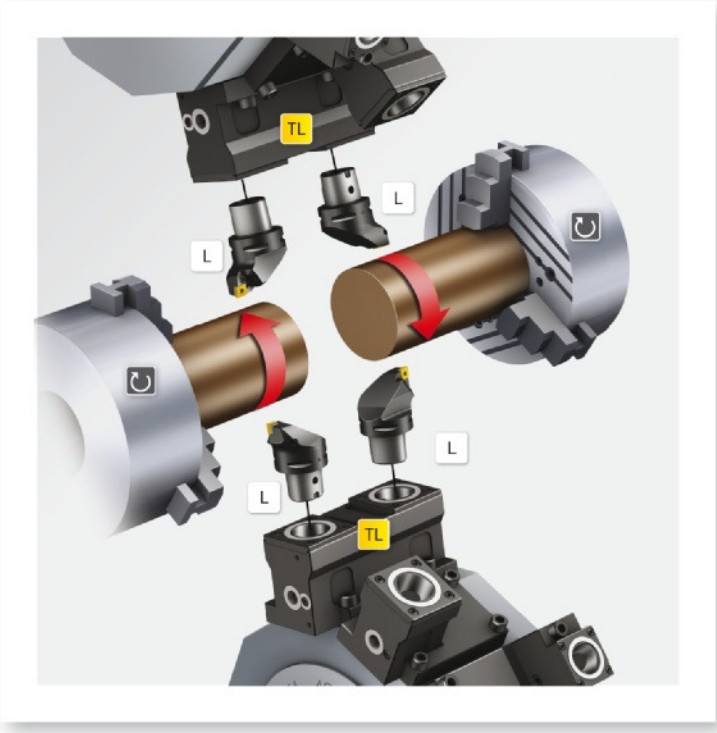
Machine	Model	Interface
Doosan	Puma 2100, 2600, 3100	DO-A
Doosan	Puma 400A, 400B, 400LA, 400LB	DO-B
Doosan	Puma 480, 480L, 600, 600L, 700, 700L, 800, 800L	DO-C
Mazak	QTS 200	MZ-A
Mazak	QTN 150, 200, 250, 300, 350, Quick Turn 18 (8 STN), QTS 300, 350	MZ-B
Mazak	QTN 400, 450, Megaturn Nexus 900	MZ-C
Mazak	Slant Turn 50, STN 500, 550 (metric)	MZ-D
Mazak	Slant Turn 60, 80, STN600, (STN800)	MZ-E
Mazak	Cybertech Turn 4500/5500M, MT, MTN1600	MZ-F
Mazak	Slant Turn 50, STN 500, 550 (inch)	MZ-G
Mazak	Slant Turn 60, 80, STN600, (STN800) inch	MZ-H
Mori Seiki	DuraTurn 2030, 2050, 2550, NLX 2500, (CMZ TC 15 - 35, TL 20, 25)	MS-A
Mori Seiki	SL400, SL403, SL45	MS-B
Mori Seiki	SL65, SL600, SL603, SL75	MS-C
Murata	MW120	MA-A
Murata	MW200	MA-B
Okuma	SpaceTurn LB2000	OK-A
Okuma	LB/LU2500, 3000, 4000 EX, LU25, Captain L470, LB15, LB400, Genos L400	OK-B
Okuma	LU35, LB35	OK-E
Okuma	LU45, LB45	OK-F

How to choose clamping unit

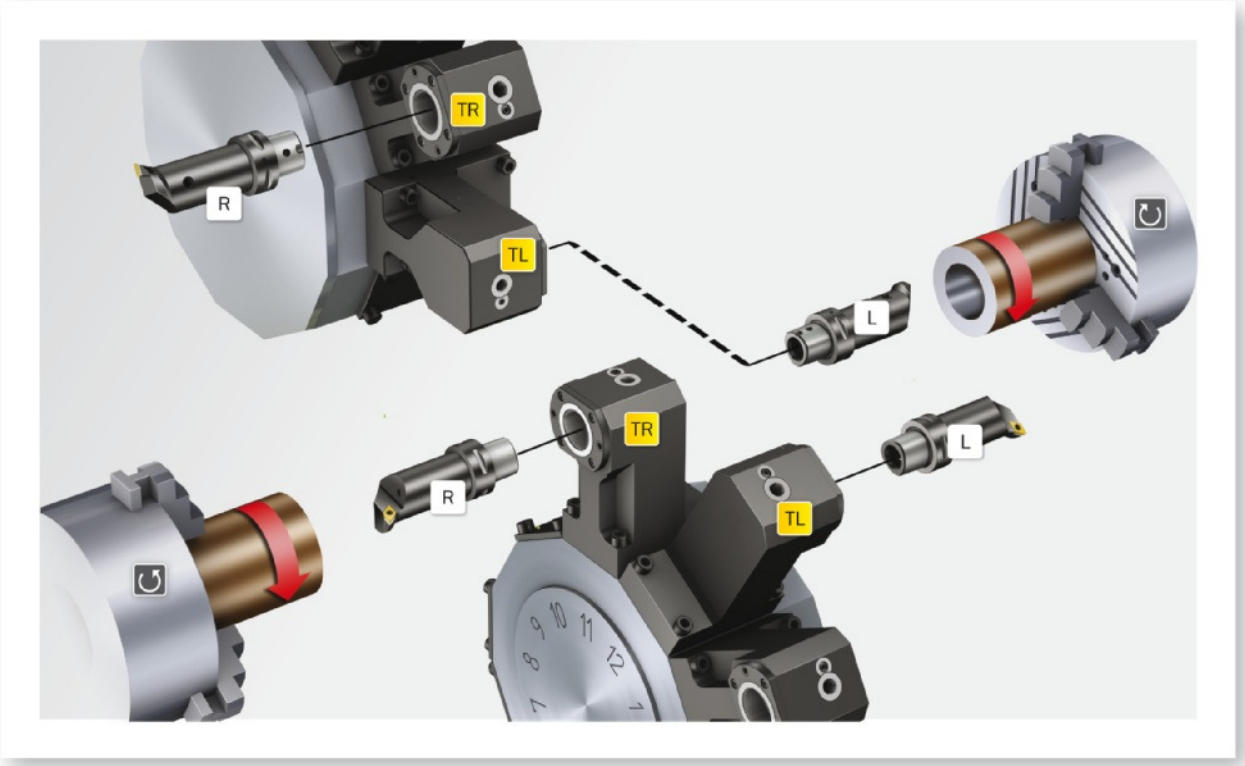
Internal setup



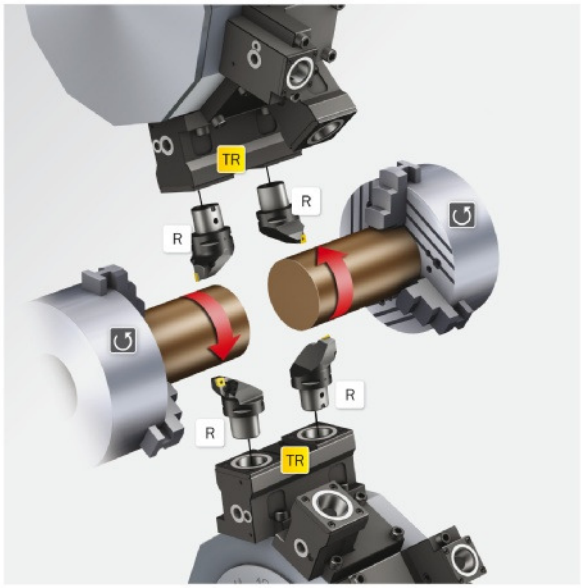
External setup



Internal setup



External setup



- R Right hand cutting unit
- L Left hand cutting unit
- TR Right hand clamping unit
- TL Left hand clamping unit
- Clockwise spindle rotation (M04)
- Counter-clockwise spindle rotation (M03)

Which CBI toolholder fits to which Mazak machine for MZ68A, MZ68B, MZ80A and MZ50V

CBI	MZ50V turret interface Machine model				
Article code	Quick Turn Nexus (-II), 300, 350, 400, 450 M, MY	Hyper Quadrex 450 M	Slant Turn Nexus 500, 500 M	Mega Turn Nexus 900 M	
C6-TR/LE-MZ50V	x	x	x	x	
C6-TR/LI-MZ50V	x	x	x	x	
C5-DNE-MZ50V-E	x	x	x	x	
C5-DNE-MZ50V-I	x	x	x	x	
C5-DNI-MZ50V-E	x	x	x	x	
C5-DNI-MZ50V-I	x	x	x	x	

CBI	Mazak slant turn 50 and slant turn 60 Machine model				
Article code	Slant turn 50, 450 metric	Slant turn 60, 80 metric	Slant turn 50, 450 inch	Slant turn 60 inch	
SBB-60-MZ-ST50	x				
SBB-60-MZ-ST60		x			
A-SBB-25-MZ-ST50			x		
A-SBB-25-MZ-ST60				x	

Which CBI toolholder fits to which Mori Seiki machine for MS 40A, MS 60A, MS 75A and MS 110A

CBI	MS40A turret interface Machine model				
Article code	DuraTurn 2050, 2550 MC	NL 1500, 2000 (20 stn.)	NT 1000, NTX 1000, 2000	NT 3100, 3150, 3200	NZ, NZX 1500, 2000
C4-TR/LE-MS40A	x	x	x	x	x
C4-TR/LE-MS40A-DT		x	x	x	x
C4-TR/LE-MS40A-YT		x			x
C4-TR/LI-MS40A	x	x	x	x	x
C4-TR/LI-MS40A-DT		x		x	x
C4-TR/LI-MS40A-SS			x		
C4-TR/LI-MS40A-YT		x			x
C3-DNE-MS40A-I	x	x	x	x	x
C4-DNE-MS40A-E	x	x	x	x	x
C4-DNI-MS40A-E	x	x	x	x	x
C4-DNI-MS4OA-I	x	x	x	x	x
APB-TNE-MS40A-25	x	x	x	x	x

CBI	MS60A turret interface Machine model			
Article code	NL, NLX 1500-3000 (10/12 stn.) (MC/ Y/ SMC/ SY)	NT 4200, 4250 (12 stn.)	NT 4300, 5400 (10 stn.)	NZL 2500
C4-TR/LE-MS60A	x	x	x	x
C5-TR/LE-MS60A	x	x	x	x
C4-TR/LE-MS60A-DT	x	x	x	
C5-TR/LE-MS60A-DT	x	x	x	
C4-TR/LE-MS60A-YT	x			x
C4-TR/LI-MS60A	x			x
C5-TR/LI-MS60A	x			x
C5-TR/LI-MS60A-DT	x			
C4-TR/LI-MS60A-SS	x			x
C5-TR/LI-MS60A-SS	x			x
C4-TR/LI-MS60A-XT	x			x
C4-DNE-MS60A-E	x	x	x	x
C4-DNE-MS60A-I	x	x	x	x
C5-DNE-MS60A-E	x	x	x	x
C4-DNI-MS60A-E	x	x	x	x
C4-DNI-MS6OA-I	x	x	x	x
C5-DNI-MS60A-E	x	x	x	x
C5-DNI-MS60A-I	x	x	x	x
APB-TNE-MS60A-25	x	x	x	x

CBI	MS75A turret interface Machine model				
Article code	NZX 4000				
C6-TR/LE-MS75A	x				
C6-TR/LI-MS75A	x				
C5-DNE-MS75A-E	x				
C5-DNE-MS75A-I	x				
C5-DNI-MS75A-E	x				

CBI	MS110A turret interface Machine model				
Article code	NZX 6000				
C6-TR/LE-MS110A	x				
C6-TR/LI-MS110A	x				
C6-DNE-MS110A-E	x				
C6-DNE-MS110A-I	x				
C6-DNI-MS110A-E	x				
C6-DNI-MS110A-I	x				

Which BMT toolholder fits your machine.

CBI	BMT65				
Article code	Doosan Puma 2100, 2600, 3100 M/MS/ Y/SY 12ST BMT65	Doosan Puma 2100, 2600 M/MS/Y/ SY 24ST BMT65	Doosan Puma TT2000, 2500 MS/SY	Doosan Puma MX2000, 2500, 2600 T/ST/SY	Doosan Puma 300 M/MS
C4-TR/LE-BT65A	x	x			x
C4-TR/LE-BT65A-DT	x	x	x	x	x
C4-TR/LE-BT65A-TT		x			
C4-TR/LE-BT65A-YT	x	x	x		
C4-TR/LI-BT65A	x	x			
C4-TR/LI-BT65A-SS	x	x			
C4-DNE-BT65A-E	x	x	x	x	x
C4-DNE-BT65A-I	x	x	x	x	x
C4-DNI-BT65A-E	x	x	x	x	
C4-DNI-BT65A-I	x	x	x	x	
APB-TNE-BT65A-25	x	x	x	x	x

CBI	BMT75				
Article code	Doosan Puma 400, 480 M/LM	Doosan Puma V550 M	Doosan Puma VT750 M, M-2SP		
C5-TR/LE-BT75A	x	x	x		
C5-TR/LI-BT75A	x	x			
C5-DNE-BT75A-E	x	x	x		
C5-DNE-BT75A-I	x	x	x		
C5-DNI-BT75A-E	x	x			
C5-DNI-BT75A-I	x	x			

CBI	BMT85				
Article code	Doosan Puma 600, 700, 800 M	Doosan Puma VT900 M			
C6-TR/LE-BT85A	x	x			
C6-TR/LI-BT85A	x	x			
C6-DNE-BT85A-E	x	x			
C6-DNE-BT85A-I	x	x			
C6-DNI-BT85A-E	x	x			
C6-DNI-BT85A-I	x	x			

Which BMT toolholder fits your machine.

CBI	BMT65			
Article code	Hwacheon Cutex 240 MC/ SMC	Hwacheon Hi-Tech 200 MC	Hwacheon Hi-Tech 450 MC/SMC/YMC/YSMC	Hwacheon T2 MC/SMC/YMC/YSMC
C4-TR/LE-BT65A	x	x	x	x
C4-TR/LE-BT65A-DT	x			x
C4-TR/LE-BT65A-TT				
C4-TR/LE-BT65A-YT			x	x
C4-TR/LI-BT65A	x		x	x
C4-TR/LI-BT65A-SS	x		x	x
C4-DNE-BT65A-E	x	x	x	x
C4-DNE-BT65A-I	x	x	x	x
C4-DNI-BT65A-E				
C4-DNI-BT65A-I				
APB-TNE-BT65A-25	x	x	x	x

CBI	BMT75			
Article code	Hwacheon Hi-Tech 550 MC	Hwacheon VT 550 MC		
C5-TR/LE-BT75A	x			
C5-TR/LI-BT75A	x			
C5-DNE-BT75A-E	x	x		
C5-DNE-BT75A-I	x	x		
C5-DNI-BT75A-E	x			
C5-DNI-BT75A-I	x			

CBI	BMT85			
Article code	Hwacheon Hi-Tech 850 MC/ YMC	Hwacheon VT 1150 MC		
C6-TR/LE-BT85A				
C6-TR/LI-BT85A				
C6-DNE-BT85A-E	x	x		
C6-DNE-BT85A-I	x	x		
C6-DNI-BT85A-E	x			
C6-DNI-BT85A-I	x			

Which BMT toolholder fits your machine.

CBI	BMT65				
Article code	Hyundai Wia L300 M/MS	Hyundai Wi L2100 SY	Hyundai Wia LM2000, 2500 TTM/TTMS/TTSY	Hyundai Wia SKT250, 300 M/MS	Hyundai Wia SKT200, 250 TTM/MS/SY
C4-TR/LE-BT65A	x	x	x	x	x
C4-TR/LE-BT65A-DT	x		x	x	x
C4-TR/LE-BT65A-TT					
C4-TR/LE-BT65A-YT		x	x		x
C4-TR/LI-BT65A	x		x	x	x
C4-TR/LI-BT65A-SS			x		x
C4-DNE-BT65A-E	x	x	x	x	x
C4-DNE-BT65A-I	x	x	x	x	x
C4-DNI-BT65A-E	x		x	x	x
C4-DNI-BT65A-I	x		x	x	x
APB-TNE-BT65A-25	x	x	x	x	x

CBI	BMT75			
Article code	Hyundai Wia L400 MA/MC/ LMC	Hyundai Wia LV800RM / SKT-V80RM	Hyundai Wia SKT400M	
C5-TR/LE-BT75A				
C5-TR/LI-BT75A		x		
C5-DNE-BT75A-E	x	x	x	
C5-DNE-BT75A-I	x	x	x	
C5-DNI-BT75A-E		x		
C5-DNI-BT75A-I		x		

CBI	BMT85			
Article code	Hyundai Wia L600, 700 M/ LM	Hyundai Wia SKT600, 700 LM		
C6-TR/LE-BT85A				
C6-TR/LI-BT85A				
C6-DNE-BT85A-E	x	x		
C6-DNE-BT85A-I	x	x		
C6-DNI-BT85A-E	x	x		
C6-DNI-BT85A-I	x	x		

Which CBI toolholder fits to which Nakamura Tome NA55A and NA65A

CBI	Nakamura Tome NA55A				
Article code	Nakamura-Tome WT-150, WT-250 II	Nakamura-Tome Super NTJ, NTM[3]	Nakamura-Tome Super NTJX	Nakamura-Tome SC-200, SC-250	Nakamura-Tome TW-10, TW-20 (16 stn.)
C4-TR/LE-NA55A	x	x	x	x	x
C4-TR/LE-NA55A-DT	x	x		x	
C4-TR/LI-NA55A	x	x		x	x
C3-DNE-NA55-E	x	x	x	x	x
C3-DNE-NA55-I	x	x	x	x	x
C3-DNI-NA55A-E	x	x		x	x
C3-DNI-NA55A-I	x	x		x	x

CBI	Nakamura Tome NA65A				
Article code	Nakamura-Tome WT-300	Nakamura-Tome Super NTX	Nakamura-Tome TW-20 (12 stn.)	Nakamura-Tome SC-300	
C4-TR/LE-NA65A	x	x	x	x	
C4-TR/LE-NA65A-DT	x	x		x	
C4-TR/LI-NA65A	x	x	x	x	
C4-TR/LI-NA65A-SS	x	x	x	x	
C4-DNE-NA65A-E	x	x	x	x	
C4-DNE-NA65A-I	x	x	x	x	
C4-DNI-NA65A-E	x	x	x	x	
C4-DNI-NA65A-I	x	x	x	x	

Which CBI toolholder fits to which Okuma 55A, Okuma 60A, 60B and 60C

CBI	Okuma OK55A				
Article code	Okuma LT 2000 EX M, MY (16 stn.)				
C4-TR/LE-OK55A	x				
C4-TR/LE-OK55A-DT	x				
C4-TR/LI-OK55A	x				
C3-DNE-OK55A-E	x				
C3-DNE-OK55A-I	x				
C3-DNI-OK55A-E	x				
C3-DNI-OK55A-I	x				

CBI	Okuma OK60A				
Article code	Okuma LB 2000 EX M/MY/MW	Okuma LB 2500 EX M	Okuma LB 3000 EX M/MY/MW/MYW	Okuma LU 3000 EX M	
C4-TR/LE-OK60A	x	x	x	x	
C4-TR/LE-OK60A-DT	x		x	x	
C4-TR/LE-OK60A-YT	x		x	x	
C4-TR/LI-OK60A	x	x	x		
C4-TR/LI-OK60A-SS	x		x		
C4-DNE-OK60A-E	x	x	x		
C4-DNE-OK60A-I	x	x	x		
C4-DNI-OK60A-E	x	x	x		
C4-DNI-OK60A-I	x	x	x		
APB-TNE-OK60A-25	x	x	x		

CBI	Okuma OK60B				
Article code	Okuma LB 4000 EX M, MY				
C5-TR/LE-OK60B	x				
C5-TR/LI-OK60B	x				
C4-DNE-OK60B-E	x				
C4-DNE-OK60B-I	x				
C4-DNI-OK60B-E	x				
C4-DNI-OK60B-I	x				

CBI	Okuma OK60A/C				
Article code	LT3000 EX M, MY				
C4-TR/LE-OK60A	x				
C4-TR/LE-OK60A-DT	x				
C4-TR/LE-OK60A-YT	x				
C4-TR/LI-OK60C	x				
C4-TR/LI-OK60C-DT	x				
C4-DNE-OK60C-E	x				
C4-DNE-OK60C-I	x				
C4-DNI-OK60C-E	x				
C4-DNI-OK60C-I	x				
APB-TNE-OK60A-25	x				

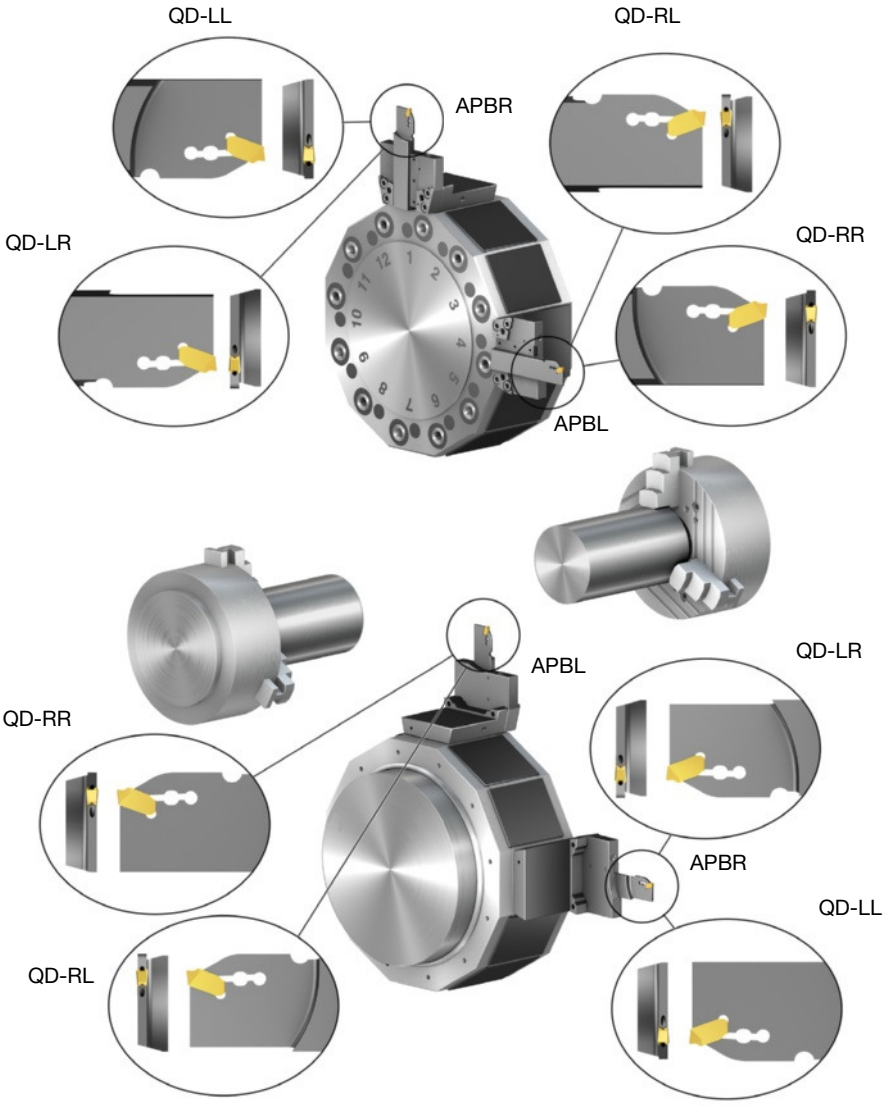
VDI

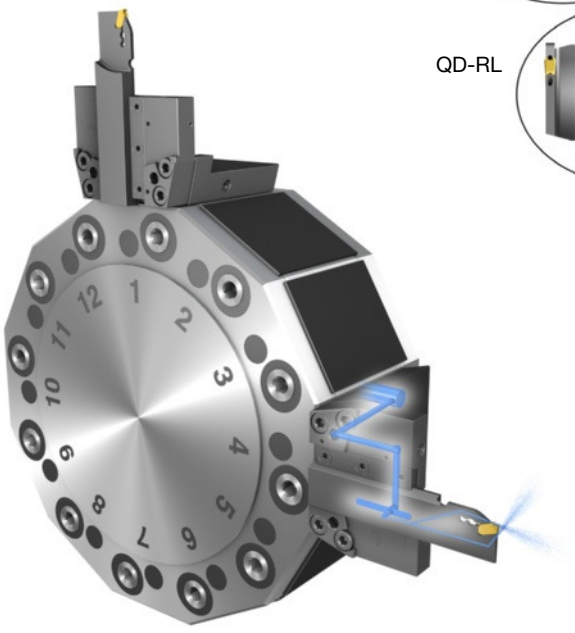
How to choose the right tool

Tool in hand

Axial
VDI
Blade

How to choose the right tool
Right hand or Left hand
Tools and adaptors





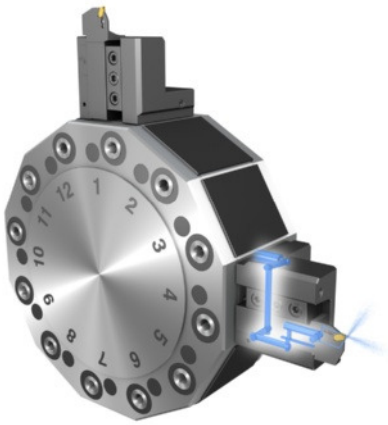
VDI

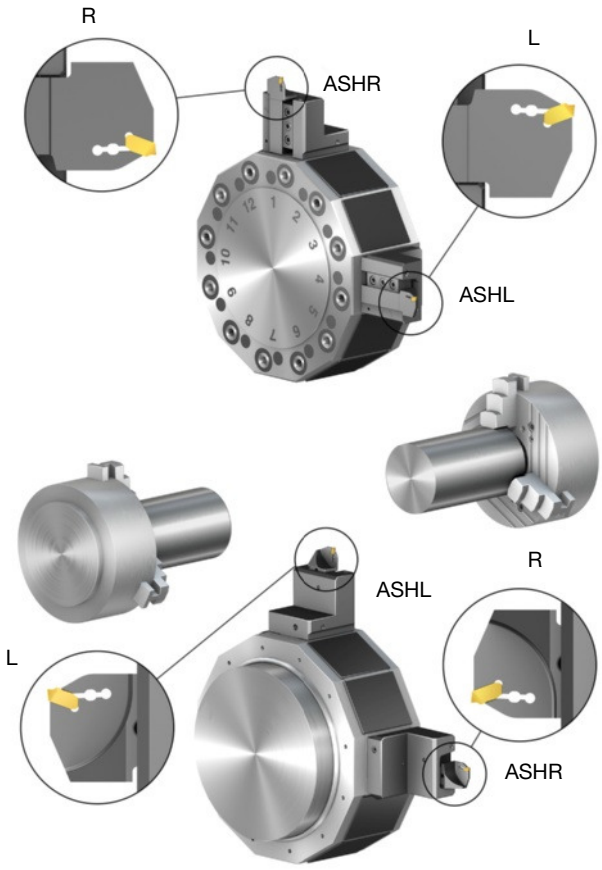
How to choose the right tool

Tool in hand

Axial
VDI
QS Shank

How to choose the right tool
Right hand or Left hand
Tools and adaptors

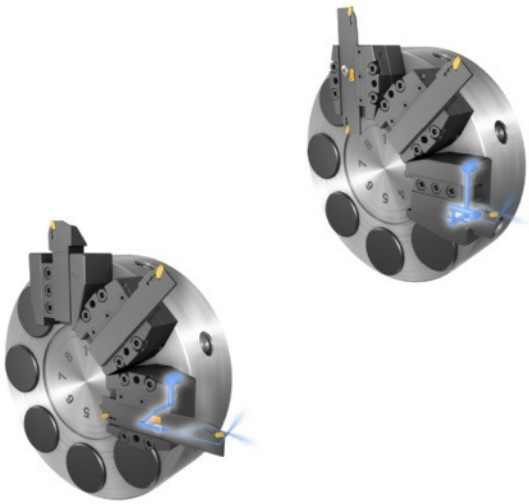


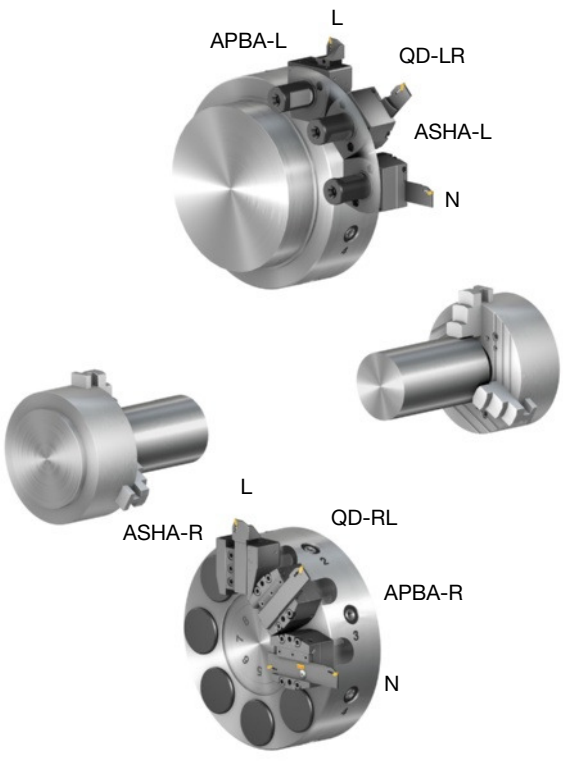


Tool in hand

Radial
VDI Blade
QS Shank

How to choose the right tool
Right hand or Left hand
Tools and adaptors





Machine side interface		Clamping unit				
		 Coromant Capto® external turning	 Rectangular shank external turning	 Cylindrical shank internal turning	 Coromant Capto® internal turning	 Blade
VDI	Page		F21			F24
BMT	Page	F43		F49	F47	F46
CDI 80	Page		F38	F41		F39
Doosan	Page	F52			F53	
Gildemeister	Page	F54			F55	
Mazak	Page	F58		F69	F64	F63
Mori Seiki	Page	F77			F81	F80
Murata	Page	F88			F89	
Nakamura Tome	Page	F90			F91	
Okuma	Page	F95			F100	F98
Rectangular shank	Page	F28				
Cylindrical shank	Page				F30	

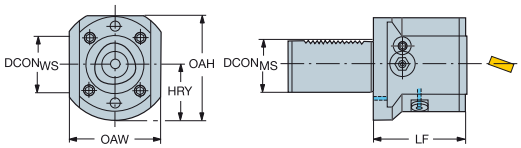
Adaptors, see page G1

Machine side interface		Clamping unit	
		 Coromant Capto® Driven tool holders angled	 Coromant Capto® Driven tool holders straight
VDI	Page		
BMT	Page	F51	F50
CDI 80	Page		F42
Doosan	Page		
Gildemeister	Page	F57	F56
Mazak	Page	F71	F70
Mori Seiki	Page	F87	F86
Murata	Page		
Nakamura Tome	Page	F93	F92
Okuma	Page	F104	F103
Rectangular shank	Page		
Cylindrical shank	Page		

VDI to Coromant Capto® clamping unit

Machine side interface VDI according to DIN 69880





Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LF	WF	HF	OAW	OAH	HRY	CP Bar/PSI	Nm	Kg
30	C3	6	2	C3-R/LC2030-00060M	30	32	60	0	0	50	61	34	80	35	1.0
40	C4	6	2	C4-R/LC2040-00075M	40	40	75	0	0	75	75	41	80	50	2.2
	C5	6	2	C5-R/LC2040-00085M	40	50	85	0	0	75	82	41	80	70	3.2
50	C4	6	2	C4-R/LC2050-00065M	50	40	65	0	0	70	83	49	80	50	2.2
	C5	6	2	C5-R/LC2050-00085M	50	50	85	0	0	83	90	49	80	70	3.2
60	C5	6	2	C5-R/LC2060-00075M	60	50	75	0	0	80	100	58	80	70	5.7
	C6	6	2	C6-R/LC2060-00095	60	63	95	0	0	84	111	58	80	90	6.1

R = Right hand, L = Left hand

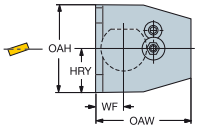
ISO 13399 I1

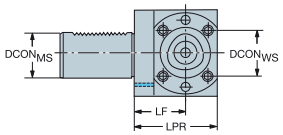
CNSC CXSC I38

VDI to Coromant Capto® clamping unit

Machine side interface VDI according to DIN 69880







Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	OAW	OAH	HTB	HRY	CP Bar/PSI	Nm	Kg
30	C3	6	2	C3-R/LC2030-41020M	30	32	60	41	20	0	74	57	38	30	80	35	2.1
	C3	6	2	C3-R/LC2030-41030M	30	32	60	41	30	0	74	57	41	30	80	35	2.2
40	C4	6	2	C4-R/LC2040-51030M	40	40	75	51	30	0	86	75	54	38	80	50	3.2
	C4	6	2	C4-R/LC2040-51040M	40	40	75	51	40	0	86	75	60	38	80	50	3.2
	C5	6	2	C5-R/LC2040-53030M	40	50	85	53	30	0	99	82	47	41	80	70	5.7
	C5	6	2	C5-R/LC2040-53040M	40	50	85	53	40	0	99	82	53	41	80	70	5.7
50	C5	6	2	C5-R/LC2050-53030M	50	50	85	53	30	0	99	86	59	43	80	70	5.7
	C5	6	2	C5-R/LC2050-53040M	50	50	85	53	40	0	99	86	65	43	80	70	5.7
60	C5	6	2	C5-R/LC2060-43040M	60	50	75	43	40	0	99	94	76	53	80	70	5.7
	C6	6	2	C6-R/LC2060-53040	60	63	95	53	40	0	122	105	70	53	80	90	6.0

R = Right hand, L = Left hand

Note! Tighten the screw with a torque wrench. Information on page H19.

ISO 13399 I1
CNSC CXSC I38

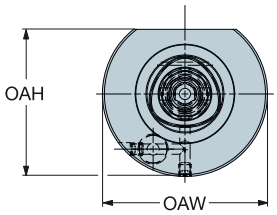
VDI to Coromant Capto® clamping unit

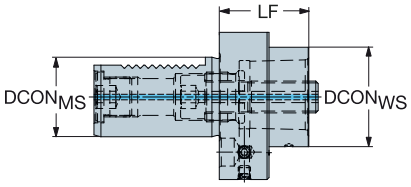
Machine side interface VDI according to DIN 69880

Coromant Capto®

Centre bolt clamping







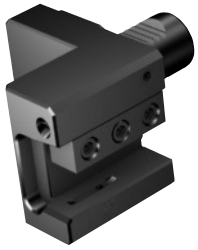
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LF	WF	HF	OAW	OAH	CP Bar/PSI	Kg
40	C4	7	1	C4-NC3000-V40-030	40	40	30	0	0	83	74	80	1.4
					1.575	*1.575*	*1.181*	*.000*	*.000*	*3.268*	*2.913*	*1160*	
	C5	7	1	C5-NC3000-V40-045	40	50	45	0	0	83	74	80	1.4
					1.575	*1.969*	*1.772*	*.000*	*.000*	*3.268*	*2.913*	*1160*	
50	C6	7	1	C6-NC3000-V50-070	50	63	70	0	0	98	84	80	2.8
					1.969	*2.480*	*2.756*	*.000*	*.000*	*3.858*	*3.307*	*1160*	
	C8	7	1	C8-NC3000-V50-100	50	80	100	0	0	98	90	80	4.3
					1.969	*3.150*	*3.937*	*.000*	*.000*	*3.858*	*3.543*	*1160*	
60	C8	7	1	C8-NC3000-V60-085	60	80	85	0	0	123	104	80	5.9
					2.362	*3.150*	*3.346*	*.000*	*.000*	*4.843*	*4.094*	*1160*	

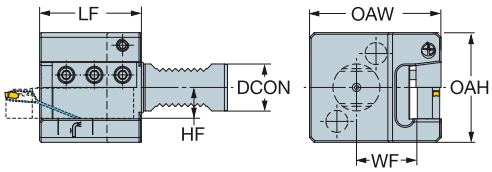
ISO 13399 I1

CNSC CXSC I38

VDI to rectangular shank adaptor

Machine side interface according to DIN 69880





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	DIX	RADW	CP Bar/PSI	Kg
30	20 x 20	7	6	**ASHR/L-VDI30-20-HP**	30	65	65	34	20	84	70	129	54	80	1.7
					1.181	*2.559*	*2.559*	*1.339*	*.787*	*3.307*	*2.756*	*5.079*	*2.126*	*1160*	
40	25 x 25	7	6	**ASHR/L-VDI40-25-HP**	40	85	85	25	25	92	88	134	50	80	3.2
					1.575	*3.346*	*3.346*	*.984*	*.984*	*3.622*	*3.465*	*5.276*	*1.969*	*1160*	

R = Right hand, L = Left hand

CZC_{WS} to correspond with CZC_{MS} on tool

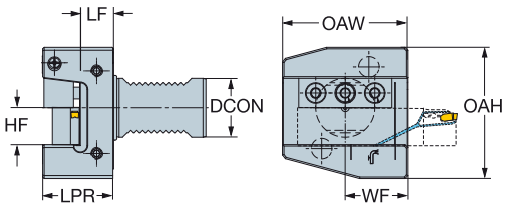
ISO 13399 I1

CNSC CXSC I38

VDI to rectangular shank adaptor

Machine side interface according to DIN 69880





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI
30	20 x 20	7	6	**ASHA-R/L-VDI30-20-HP**	30	35	15	35	20	70	73	80
					1.181	*1.398*	*.610*	*1.378*	*.787*	*2.756*	*2.874*	*1160*
40	25 x 25	7	6	**ASHA-R/L-VDI40-25-HP**	40	48	23	42	25	85	89	80
					1.575	*1.890*	*.906*	*1.673*	*.984*	*3.346*	*3.504*	*1160*
50	25 x 25	7	6	**ASHA-R/L-VDI50-25-HP**	50	48	23	50	25	100	110	80
					1.969	*1.890*	*.906*	*1.969*	*.984*	*3.937*	*4.331*	*1160*

R = Right hand, L = Left hand

CZC_{WS} to correspond with CZC_{MS} on tool

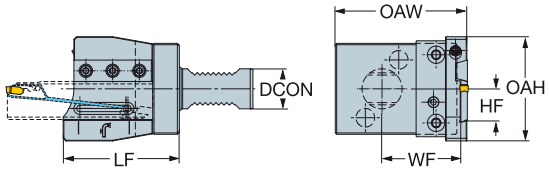
ISO 13399 I1

CNSC CXSC I38

VDI to blade adaptor

Machine side interface according to DIN 69880





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	CP Bar/PSI	kg
25	21	1	2	APBR/L-VDI25-21-HP	25	80	50	21	84	73	80	1.5
					.984	*3.150*	*1.988*	*.843*	*3.307*	*2.874*	*1160*	
30	21	1	2	APBR/L-VDI30-21-HP	30	80	58	21	97	73	80	1.6
					1.181	*3.150*	*2.303*	*.843*	*3.819*	*2.874*	*1160*	
	25	1	2	APBR/L-VDI30-25-HP	30	87	58	25	98	78	80	1.8
					1.181	*3.425*	*2.303*	*.984*	*3.878*	*3.071*	*1160*	
40	25	1	2	APBR/L-VDI40-25-HP	40	80	67	25	118	100	80	2.9
					1.575	*3.150*	*2.657*	*.984*	*4.665*	*3.937*	*1160*	

R = Right hand, L = Left hand

CZC_{WS} to correspond with CZC_{MS} on tool

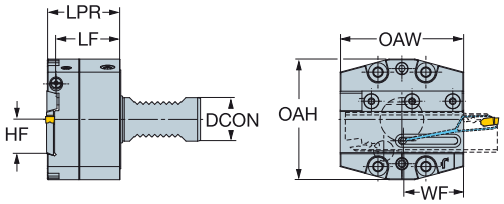
ISO 13399 I1

CNSC CXSC I38

VDI to blade adaptor

Machine side interface according to DIN 69880





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Kg
30	21	6	3	**APBA-R/L-VDI30-21-HP**	30	50	45	35	21	70	66	80	1.7
					1.181	*1.988*	*1.791*	*1.378*	*.843*	*2.756*	*2.598*	*1160*	
	25	6	3	**APBA-R/L-VDI30-25-HP**	30	50	45	42	25	85	83	80	2.6
					1.181	*1.988*	*1.791*	*1.673*	*.984*	*3.346*	*3.268*	*1160*	
40	25	6	3	**APBA-R/L-VDI40-25-HP**	40	50	45	42	25	85	83	80	2.9
					1.575	*1.988*	*1.791*	*1.673*	*.984*	*3.346*	*3.268*	*1160*	
50	25	6	3	**APBA-R/L-VDI50-25-HP**	50	50	45	42	25	85	92	80	3.5
					1.969	*1.988*	*1.791*	*1.673*	*.984*	*3.346*	*3.622*	*1160*	

R = Right hand, L = Left hand

CZC_{WS} to correspond with CZC_{MS} on tool

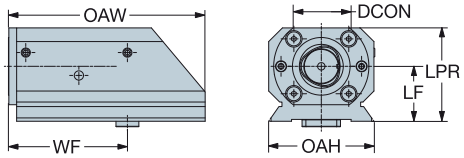
ISO 13399 I1

CNSC CXSC I38

VDI to Coromant Capto® clamping unit

Machine side interface according to DIN 69881





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
115	C6	2	2	**C6-R/LC115-130L**	63	102	60	130	0	215	115	80	90	13.9
					2.480	*4.016*	*2.362*	*5.118*	*.000*	*8.465*	*4.528*	*1160*		
140	C6	2	2	**C6-R/LC140-165L**	63	102	60	165	0	310	140	80	90	22.2
					2.480	*4.016*	*2.362*	*6.496*	*.000*	*12.205*	*5.512*	*1160*		
		2	2	**C6-R/LC140-205L**	63	102	60	205	0	350	140	80	90	25.5
					2.480	*4.016*	*2.362*	*8.071*	*.000*	*13.780*	*5.512*	*1160*		
	C8	2	2	**C8-R/LC140-165L**	80	120	70	135	0	310	140	80	130	27.2
					3.150	*4.724*	*2.756*	*5.315*	*.000*	*12.205*	*5.512*	*1160*		
		2	2	**C8-R/LC140-205L**	80	120	70	165	0	350	140	80	130	31.7
					3.150	*4.724*	*2.756*	*6.496*	*.000*	*13.780*	*5.512*	*1160*		
	C10	2	1	**C10-R/LC140-205L**	100	153	90	205	0	350	160	80	285	40.0
					3.937	*6.024*	*3.543*	*8.071*	*.000*	*13.780*	*6.299*	*1160*		

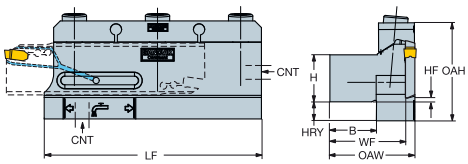
R = Right hand, L = Left hand

ISO 13399 I1

CNSC CXSC I38

Tool block for blades





Metric version

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	OAW	OAH	HRY	RADH	RADW	CNT	CP Bar/PSI	Kg
20 x 20	21L	2	2	BA-R/LGC2020-21M	20	20	85	34	20	39	46	11		39	G1/8	70	0.6
	25L	2	2	BA-R/LGC2020-25M	20	20	115	35	20	40	51	14		40	G1/8	70	1.0
25 x 25	21L	2	2	BA-R/LGC2525-21M	25	25	85	39	25	44	48	7		44	G1/8	70	0.8
	25L	2	2	BA-R/LGC2525-25M	25	25	115	40	25	45	52	10		46	G1/8	70	1.2
32 x 32	25L	2	2	BA-R/LGC3232-25M	32	32	115	46	32	51	54	5		52	G1/8	70	1.5
	45	2	2	BA-R/LGC3232-45	32	32	155	47	45	55	77		26	55	G 1/8	70	2.6
40 x 40	45	2	2	BA-R/LGC4040-45	40	40	155	55	45	63	77		18	63	G 1/8	70	3.3

Inch version

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	OAW	OAH	HRY	RADH	RADW	CNT	CP Bar/PSI	Lbs
3/4 x 3/4	21L	2	2	BA-R/LGC12-21M	.750	.750	3.346	1.317	.750	1.535	1.850	.492		1.535	G1/8	1015	1.4
	25L	2	2	BA-R/LGC12-25M	.750	.750	4.528	1.339	.750	1.535	2.008	.591		1.535	G1/8	1015	1.4
1 x 1	25L	2	2	BA-R/LGC16-25M	1.000	1.000	4.528	1.575	1.000	1.772	2.047	.394		1.772	G1/8	1015	2.7
1 1/4 x 1 1/4	25R	2	2	BA-R/LGC20-25M	1.250	1.250	4.528	1.813	1.250	2.006	2.126	.197		2.067	G1/8	1015	3.4
	45	2	2	BA-R/LGC20-45	1.250	1.250	6.102	1.850	1.772	2.165	3.032		1.024	2.165	G 1/8	1015	5.9
1 1/2 x 1 1/2	45	2	2	BA-R/LGC24-45	1.500	1.500	6.102	2.087	1.772	2.402	2.008		.709	2.402	G 1/8	1015	6.9

R = Right hand, L = Left hand

CZC_{WS} to correspond with CZC_{MS} on tool

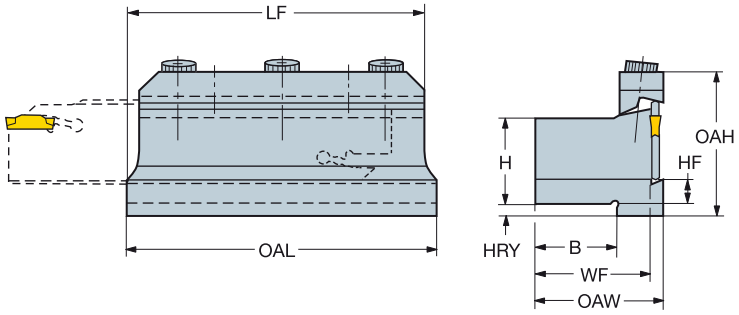
ISO 13399 I1

CNSC CXSC I38

Tool block for blades

DSGN 1





Metric version

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	OAW	OAH	RADH	RADW	Kg
20 x 20	21	0	0	151.2-2020-21M	20	20	80	13	20	80	45	20	13	0.5
	25	0	0	151.2-2020-25	20	20	120	13	25	120	52	20	13	1.0
25 x 20	21	0	0	151.2-2520-21	20	25	80	13	25	80	45	25	13	0.6
	25	0	0	151.2-2520-25	20	25	120	13	25	120	52	25	13	1.2
32 x 32	25	0	0	151.2-3232-25	32	32	120	13	32	120	54	32	13	2.0
	45	0	0	151.2-3232-45	32	32	160	13	32	160	82	32	13	2.7
40 x 40	45	0	0	151.2-4040-45	40	40	160	13	40	160	82	40	13	4.2
50 x 50	93	0	0	151.2-5050-93	50	50	178	19	50	178	152	50	13	8.0

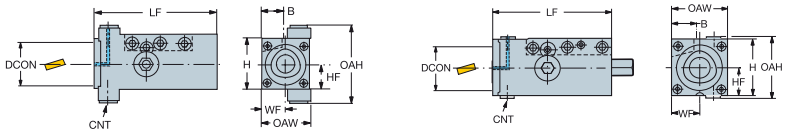
Inch version

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm B	H	LPR	LF	WF	HF	OAW	OAH	RADH	Lbs
3/4 x 3/4	21	0	0	151.2-12-21M	.750	.750	.730	3.150	.530	.750	3.150	1.790	.750	1.7
1 x 1	25	0	0	151.2-16-25M	1.000	1.000	.730	4.720	.530	1.000	4.720	1.790	1.000	3.3
1 1/4 x 1 1/4	25	0	0	151.2-20-25M	1.250	1.250	.730	4.720	.530	1.250	4.720	2.150	1.250	4.4
	45	0	0	151.2-20-45	1.250	1.250	.800	6.299	.530	1.250	6.299	3.250	1.250	9.2
1 1/2 x 1 1/2	25	0	0	151.2-24-25M	1.500	1.500	.730	4.720	.530	1.500	4.720	2.400	1.500	6.0
	45	0	0	151.2-24-45	1.500	1.500	.800	6.299	.530	1.500	6.299	3.250	1.500	9.2
2 x 2	93	0	0	151.2-32-93	2.000	2.000	1.146	7.008	.772	2.000	7.008	5.996	1.969	17.5

ISO 13399 I1
CNSC CXSC I38

Rectangular shank to Coromant Capto® clamping unit





Metric version

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	B	H	LF	WF	HF	OAW	OAH	CNT	CP Bar/PSI	Nm	Kg
40 x 20	C3	6	2	C3-R/LC2085-4038M	32	20	40	19	95	20	38	62	G1/8	80	35	1.3
50 x 25	C4	6	2	C4-R/LC2085-5048	40	25	50	125	24	25	48	58	G1/8	80	50	2.3
64 x 32	C5	6	2	C5-R/LC2085-6464	50	32	64	32	145	32	64	72	G1/8	80	70	3.2

Inch version

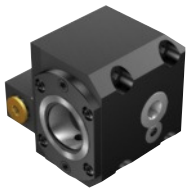
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, inch DCON	B	H	LF	WF	HF	OAW	OAH	CNT	CP Bar/PSI	Ft/lbs	Lbs
2 x 1	C4	6	2	C4-R/LC2085-24102-16M	1.575	1.000	2.000	5.035	.945	1.000	1.890	2.323	G1/8	1160	36	4.6
2 1/2 x 1 1/4	C5	6	2	C5-R/LC2085-32130-20M	1.969	1.250	2.500	5.138	1.260	1.250	2.520	2.835	G1/8	1160	51	8.5

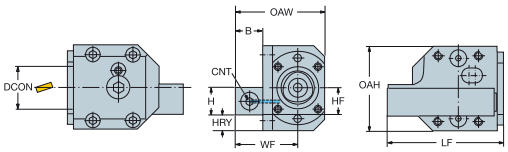
R = Right hand, L = Left hand

ISO 13399 I1

CNSC CXSC I38

Rectangular shank to Coromant Capto® clamping unit





Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON	B	H	LF	WF	HF	OAW	OAH	HRY	CNT	CP Bar/PSI	Nm	Kg
25 x 26	C4	7	2	C4-R/LC2080-59110A	40	26	25	110	59	25	83	77	13	G 1/4	80	50	3.2
32 x 33.5	C5	7	2	C5-R/LC2080-77110A	50	33	32	110	77	32	109	92	14	G 1/4	80	70	5.7
40 x 40	C6	7	1	C6-R/LC2080-93140	63	40	40	93	140	40	135	105	13	G 1/4	80	90	5.8

Inch version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, inch DCON	B	H	LF	WF	HF	OAW	OAH	HRY	CNT	CP Bar/PSI	Ft/lbs	Lbs
1 1/4 x 1.310	C5	7	2	C5-R/LC2080-76118-20A	1.969	1.310	1.250	4.657	2.992	1.250	4.252	3.622	.561	G 1/4	1160	51	11.0

R = Right hand, L = Left hand

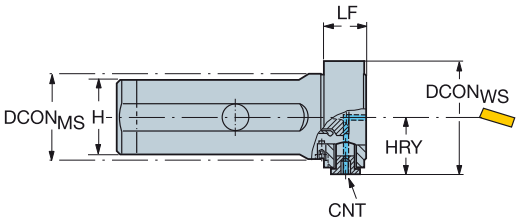
ISO 13399 I1
CNSC CXSC I38

Cylindrical shank with flats to Coromant Capto® clamping unit

Segment clamping



Cx-NC2000



Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	H	LF	WF	HF	HRY	CNT	CP Bar/PSI	Nm	Kg
32	C3	2	2	C3-NC2000-08018-32	32	32	30	18	0	0	26	G1/8	80	35	0.6
40	C4	2	2	C4-NC2000-10020-40	40	40	37	20	0	0	28	G1/8	80	50	1.0
50	C4	2	2	C4-NC2000-12020-50	50	40	47	20	0	0	28	G1/8	80	50	1.3
	C5	2	2	C5-NC2000-12024-50	50	50	47	24	0	0	33	G1/8	80	70	1.6
60	C5	2	2	C5-NC2000-14024-60	60	50	57	24	0	0	33	G1/8	80	70	2.2

Inch version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, inch DCON$_{MS}$	DCON$_{WS}$	H	LF	WF	HF	HRY	CNT	CP Bar/PSI	Ft/lbs	Lbs
1 1/4	C3	2	2	C3-NC2000-08018-A20	1.250	1.260	1.181	.709	.000	.000	.930	G1/8	1160	25	1.5
1 1/2	C4	2	2	C4-NC2000-10020-A24	1.500	1.575	1.457	.787	.000	.000	1.024	G1/8	1160	36	2.2
2	C4	2	2	C4-NC2000-12020-A32	2.000	1.575	1.850	.787	.000	.000	1.004	G1/8	1160	36	4.1
	C5	2	2	C5-NC2000-12024-A32	2.000	1.969	1.850	.945	.000	.000	1.220	G1/8	1160	51	4.6

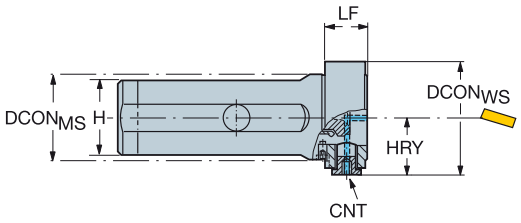
ISO 13399 I1

CNSC CXSC I38

Cylindrical shank with flats to Coromant Capto® clamping unit

Centre bolt activated





Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	H	LF	WF	HF	HRY	CNT	CP Bar/PSI	Nm	Kg
32	C3	2	2	C3-NC3000-08018-32	32	32	30	18	0	0	26	G1/8	80	35	0.6
40	C3	2	2	C3-NC3000-10018-40	40	32	37	18	0	0	26	G1/8	80	35	1.1
	C4	2	2	C4-NC3000-10020-40	40	40	37	20	0	0	28	G1/8	80	50	1.0
50	C5	2	2	C5-NC3000-12024-50	50	50	47	24	0	0	33	G1/8	80	70	1.6
60	C6	2	1	C6-NC3000-14054-60	60	63	57	54	0	0	35	G1/8	80	85	0.1

Inch version

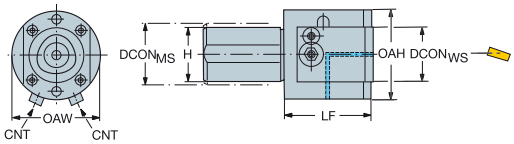
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, inch DCON$_{MS}$	DCON$_{WS}$	H	LF	WF	HF	HRY	CNT	CP Bar/PSI	Ft/lbs	Lbs
1 1/4	C3	2	2	C3-NC3000-08018-A20	1.250	1.260	1.181	.709	.000	.000	.933	G1/8	1160	25	1.4
1 1/2	C4	2	2	C4-NC3000-10020-A24	1.500	1.575	1.378	.787	.000	.000	1.024	G1/8	1160	36	2.3
2	C4	2	2	C4-NC3000-12020-A32	2.000	1.575	1.850	.787	.000	.000	1.004	G1/8	1160	36	4.1
	C5	2	2	C5-NC3000-12024-A32	2.000	1.969	1.850	.945	.000	.000	1.220	G1/8	1160	51	4.7
2 1/2	C6	2	1	C6-NC3000-14054-A40	2.500	2.480	2.374	2.126	.000	.000	1.378	G1/8	1160	62	0.2

ISO 13399 I1

CNSC CXSC I38

Cylindrical shank with flats to Coromant Capto® clamping unit





Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	H	LF	WF	HF	OAW	OAH	CNT	CP Bar/PSI	Nm	Kg
40	C4	6	2	**C4-R/LC2045-00075M**	40	40	37	75	0	0	67	67	G1/8	80	50	2.2
50	C5	6	2	**C5-R/LC2055-00085M**	50	50	47	85	0	0	85	85	G1/8	80	70	3.2
60	C6	6	2	**C6-R/LC2065-00095**	60	63	57	95	0	0	84	105	G1/8	80	90	5.9

Inch version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, inch DCON$_{MS}$	DCON$_{WS}$	H	LF	WF	HF	OAW	OAH	CNT	CP Bar/PSI	Ft/lbs	Lbs
2	C5	6	2	**C5-R/LC2055-00085-32M**	2.000	1.969	1.850	3.350	.000	.000	2.520	3.228	G1/8	1160	51	10.1
2 1/2	C6	6	2	**C6-R/LC2065-00095-40**	2.500	2.480	2.360	3.740	.000	.000	3.307	4.134	G1/8	1160	66	18.2

R = Right hand, L = Left hand

Note: Maximum coolant pressure is 80 bar (PSI 1160)
Left hand: hexagon clamping socket on opposite side of the tool.

ISO 13399 I1

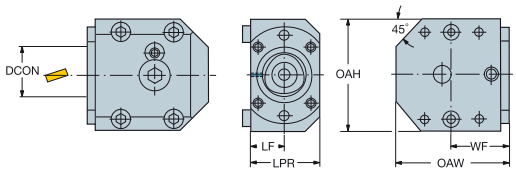
CNSC CXSC I38

Manual clamping unit

For special applications

Coromant Capto®





Metric version

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	B	H	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
73 x 54	C3	6	2	**C3-R/LC2090-19039M**	32	73	54	38	19	39	0	73	54	80	35	1.0
86 x 77	C4	6	2	**C4-R/LC2090-24043A**	40	86	77	48	24	43	0	86	77	80	50	2.2
100 x 92	C5	6	2	**C5-R/LC2090-32048A**	50	100	92	64	32	48	0	100	92	80	70	3.2
122 x 105	C6	6	1	**C6-R/LC2090-42060**	63	122	105	84	42	60	0	122	105	80	90	5.9
146 x 133	C8	6	2	**C8-R/LC2090-50088**	80	146	133	100	50	88	0	146	133	80	130	6.0

R = Right hand, L = Left hand

Note! Tighten the screw with a torque wrench. Information on page H19.

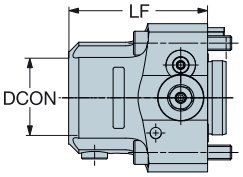
ISO 13399 I1
CNSC CXSC I38

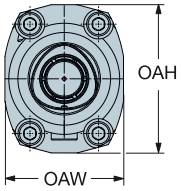
Manual clamping unit

For special applications

Coromant Capto®







Metric version

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	B	H	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
64 x 80	C5	6	1	C5-R/LC2095-00075	50	64	80	75	75	0	0	64	80	200	70	2.3
74 x 135	C6	6	1	C6-R/LC2095-00090	63	74	135	90	90	0	0	74	135	200	90	5.5
93 x 155	C8	6	1	C8-R/LC2095-00110	80	93	155	110	110	0	0	93	155	200	130	6.7
126 x 208	C10	6	1	C10-R/LC2095-00182	100	126	208	182	182	0	0	126	208	200	285	11.0

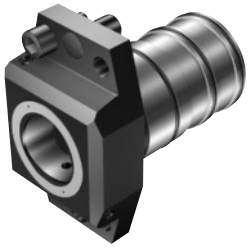
R = Right hand, L = Left hand

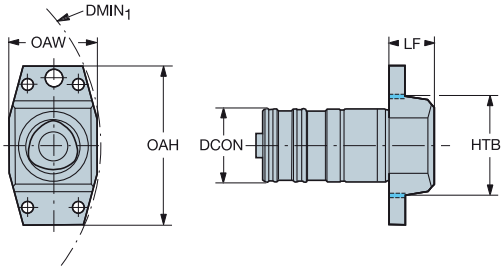
ISO 13399 I1

CNSC CXSC I38

Hydraulic clamping unit

Coromant Capto®





Metric version

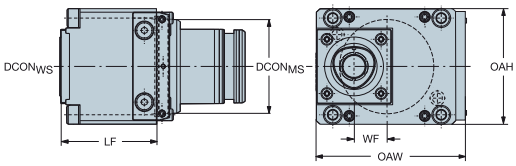
						Dimensions, mm									
CZC_{MS}	CZC_{WS}	CNSC	CXSC	$DMIN_1$	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LF	WF	HF	OAW	OAH	HTB	CP Bar/PSI	Kg
42	C4	4	2	260	**C4-NC5010-00025**	42	40	25	0	0	48	92	56	150	1.3
55	C5	4	2	300	**C5-NC5010-00035**	55	50	35	0	0	64	112	70	150	2.2
70	C6	4	2	400	**C6-NC5010-00040**	70	63	40	0	0	84	143	90	150	5.9
90	C8	4	2	500	**C8-NC5010-00050**	90	80	50	0	0	100	180	110	150	6.4
105	C10	4	2	700	**C10-NC5010-00050**	105	100	50	0	0	126	220	130	150	15.5

ISO 13399 I1

CNSC CXSC I38

Manual clamping unit

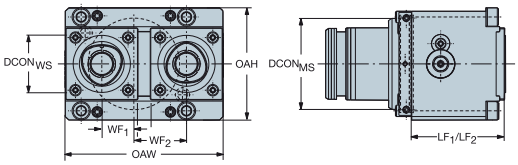




Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
CDI80	C5	7	2	**C5-R/LCE80-028082**	80	50	82	28	0	130	98	80	70	7.4
					3.150	*1.969*	*3.228*	*1.102*	*.000*	*5.118*	*3.858*	*1160*		





Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF$_1$	LF$_2$	WF$_1$	WF$_2$	HF$_1$	HF$_2$	OAW	OAH	CP Bar/PSI	Nm	Kg
CDI80	C5	7	2	**C5-R/LCE80-028082-2**	80	50	82	82	28	46	0	0	138	98	80	70	8.5
					3.150	*1.969*	*3.228*	*3.228*	*1.102*	*1.811*	*.000*	*.000*	*5.433*	*3.858*	*1160*		

R = Right hand, L = Left hand

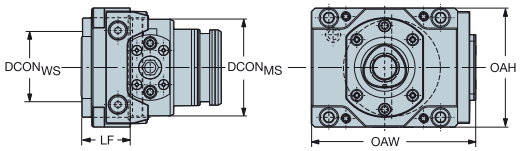
Note! Tighten the screw with a torque wrench. Information on page H19.

ISO 13399 I1

CNSC CXSC I38

Manual clamping unit





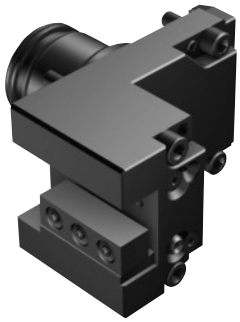
Metric version

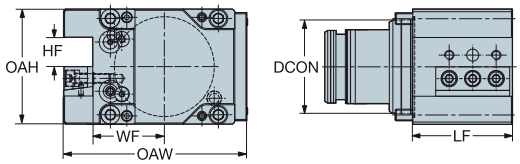
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
CDI80	C5	7	2	**C5-R/LCE80-040000**	80	50	40	0	0	135	98	80	70	5.1
					3.150	*1.969*	*1.575*	*.000*	*.000*	*5.315*	*3.858*	*1160*		

R = Right hand, L = Left hand

For coolant explanation see page I38

CDI 80 turret interface to rectangular shank adaptor





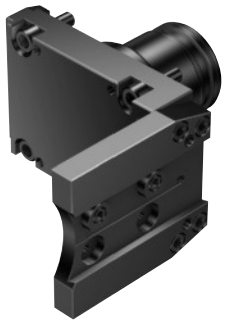
Metric version

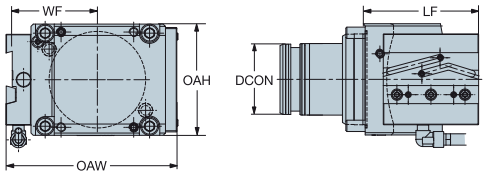
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	CP Bar/PSI	Kg
CDI80	25 x 25	7	2	**ASH-TNE-CDI80-25**	80	85	61	25	156	98	80	6.5
					3.150	*3.346*	*2.402*	*.984*	*6.142*	*3.858*	*1160*	

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CNSC CXSC I38

CDI 80 turret interface to blade adaptor





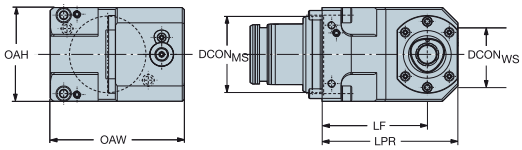
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	CP Bar/PSI	Kg
CDI80	25	7	2	**APB-TNE-CDI80-25**	80	116	84	25	159	98	80	5.2
					3.150	*4.567*	*3.307*	*.984*	*6.280*	*3.858*	*1160*	

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CNSC CXSC I38

Manual clamping unit

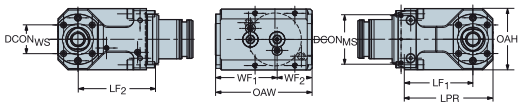




Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
CDI80	C5	7	1	C5-R/LCI80-000110	80	50	142	110	0	0	140	98	80	70	9.2
					3.150	*1.969*	*5.591*	*4.331*	*.000*	*.000*	*5.512*	*3.858*	*1160*		
		7	2	C5-R/LCI80-000120	80	50	152	120	0	0	140	98	80	70	10.4
					3.150	*1.969*	*5.984*	*4.724*	*.000*	*.000*	*5.512*	*3.858*	*1160*		





Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF$_1$	LF$_2$	WF$_1$	WF$_2$	HF$_1$	HF$_2$	OAW	OAH	CP Bar/PSI	Nm	Kg
CDI80	C5	7	2	C5-R/LCI80-096110-2	80	50	142	110	110	96	60	0	0	156	98	80	70	13.4
					3.150	*1.969*	*5.591*	*4.331*	*4.331*	*3.780*	*2.362*	*.000*	*.000*	*6.142*	*3.858*	*1160*		

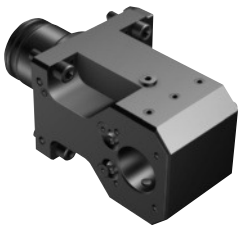
R = Right hand, L = Left hand

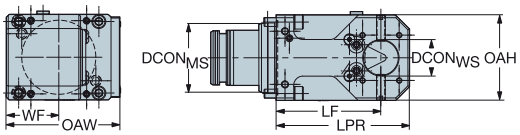
Note! Tighten the screw with a torque wrench. Information on page H19.

ISO 13399 I1

CNSC CXSC I38

CDI 80 turret interface to cylindrical shank adaptor



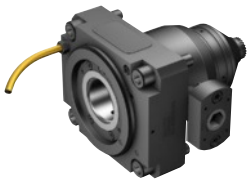


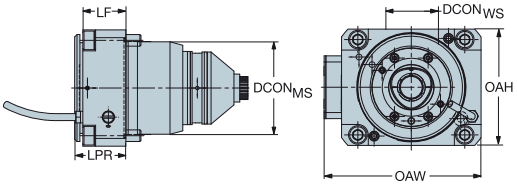
					Dimensions, mm, inch										
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LPR	LF	WF	HF	OAW	OAH	HTB	CP Bar/PSI	Kg
CDI80	25	7	2	**ABB-TNI-CDI80-40-000120**	80	25	153	120	60	0	130	98	25	80	10.2
					3.150	*.984*	*6.024*	*4.724*	*2.362*	*.000*	*5.118*	*3.858*	*.984*	*1160*	

ISO 13399 I1

CNSC CXSC I38

Driven tool holder for CDI 80 interface

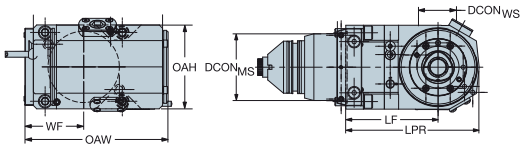




Metric version

CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	LPR	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP Bar/PSI	Nm	Kg
CDI80	C5	7	6	**C5-DNE80-044000-E**	80	50	44	40	0	0	135	100	6000	63	80	60	5.0
					3.150	*1.969*	*1.732*	*1.575*	*.000*	*.000*	*5.315*	*3.937*		*46.466*	*1160*		
		7	1	**C5-DNE80-044000-I**	80	50	44	40	0	0	135	100	6000	63	80	60	5.5
					3.150	*1.969*	*1.732*	*1.575*	*.000*	*.000*	*5.315*	*3.937*		*46.466*	*1160*		





Metric version

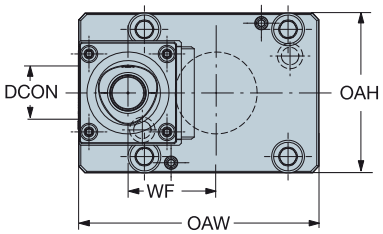
CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	LPR	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP Bar/PSI	Nm	Kg
CDI80	C5	7	6	**C5-DNI80-040110-E**	80	50	159	110	40	0	170	100	6000	63	80	60	15.7
					3.150	*1.969*	*6.260*	*4.331*	*1.575*	*.000*	*6.717*	*3.937*		*46.466*	*1160*		
		7	1	**C5-DNI80-040110-I**	80	50	159	110	40	0	175	100	6000	63	80	60	16.3
					3.150	*1.969*	*6.260*	*4.331*	*1.575*	*.000*	*6.890*	*3.937*		*46.466*	*1160*		

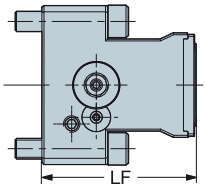
ISO 13399 I1

CNSC CXSC I38

Manual clamping unit for BMT turrets

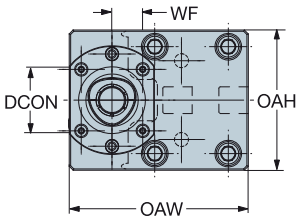


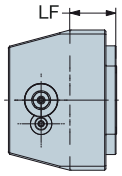




CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
BT55A	C4	7	2	**C4-TR/LE-BT55A**	40	70	38	0	106	85	80	50	2.2
					1.575	*2.756*	*1.496*	*.000*	*4.173*	*3.346*	*1160*		
BT65A	C4	7	2	**C4-TR/LE-BT65A**	40	60	71	0	142	96	80	50	3.7
					1.575	*2.362*	*2.795*	*.000*	*5.591*	*3.780*	*1160*		
	C5	7	2	**C5-TR/LE-BT65A**	50	50	88	0	175	96	80	70	5.7
					1.969	*1.969*	*3.465*	*.000*	*6.890*	*3.780*	*1160*		







CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
BT75A	C5	7	2	**C5-TR/LE-BT75A**	50	40	35	0	182	112	80	70	7.0
					1.969	*1.575*	*1.378*	*.000*	*7.165*	*4.409*	*1160*		
BT85A	C6	7	2	**C6-TR/LE-BT85A**	63	35	43	0	225	124	80	90	11.7
					2.480	*1.378*	*1.693*	*.000*	*8.858*	*4.882*	*1160*		

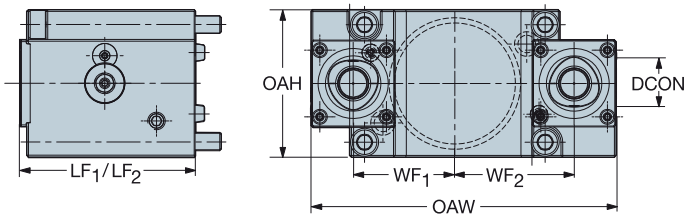
R = Right hand, L = Left hand

ISO 13399 I1 CNSC CXSC I38 C3 - D C I37

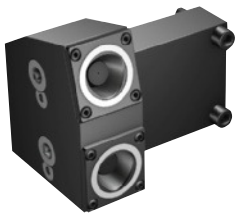
Manual clamping unit for BMT turrets

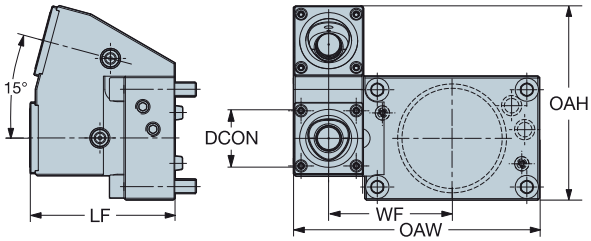
Coromant Capto®





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF_1	LF_2	WF_1	WF_2	HF_1	HF_2	OAW	OAH	CP Bar/PSI	Nm	Kg
BT65A	C4	7	2	**C4-TR/LE-BT65A-DT**	40	80	80	50	50	0	0	148	96	80	50	7.6
					1.575	*3.150*	*3.150*	*1.969*	*1.969*	*.000*	*.000*	*5.827*	*3.780*	*1160*		





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF_1	LF_2	WF_1	WF_2	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
BT65A	C4	7	2	**C4-TR/LE-BT65A-TT**	40	70	67	81	81	0	152	137	80	50	4.7
					1.575	*2.756*	*2.661*	*3.189*	*3.189*	*.000*	*5.984*	*5.394*	*1160*		

R = Right hand, L = Left hand

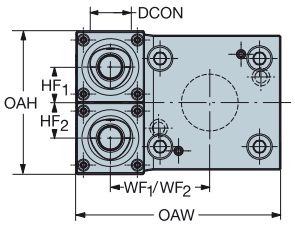
ISO 13399 I1

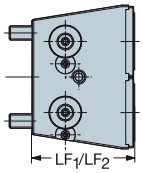
CNSC CXSC I38

C3 – DC I37

Manual clamping unit for BMT turrets





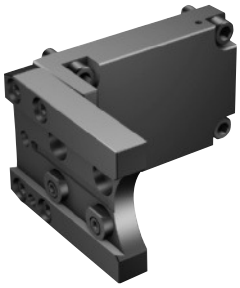


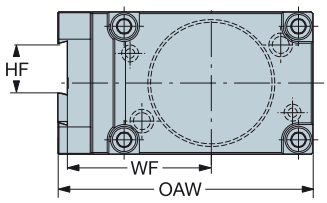
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF_1	LF_2	WF_1	WF_2	HF_1	HF_2	OAW	OAH	CP Bar/PSI	Nm	Kg
BT65A	C4	7	2	**C4-TR/LE-BT65A-YT**	40	70	70	73	73	30	30	144	116	80	50	5.2
					1.575	*2.756*	*2.756*	*2.874*	*2.874*	*1.181*	*1.181*	*5.669*	*4.567*	*1160*		

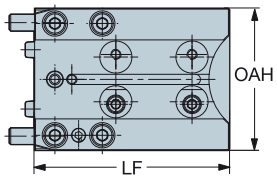
R = Right hand, L = Left hand

ISO 13399 I1 CNSC CXSC I38 C3 – D C I37

BMT turret interface to blade adaptor







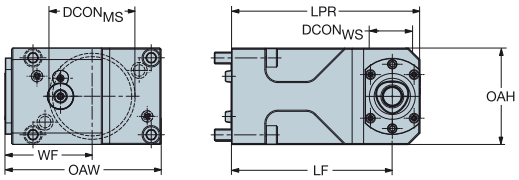
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch LF	WF	HF	OAW	OAH	CP Bar/PSI	Kg
BT65A	25	7	2	**APB-TNE-BT65A-25**	80	73	25	125	100	80	2.8
					3.150	*2.874*	*.984*	*4.941*	*3.937*	*1160*	

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CNSC CXSC I38

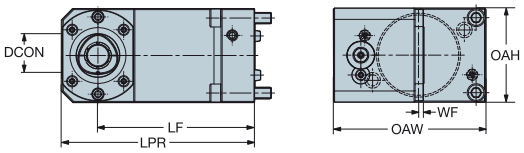
Manual clamping unit for BMT turrets





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
BT55A	C4	7	2	**C4-TR/LI-BT55A**	40	94	70	76	0	120	85	80	50	4.6
					1.575	*3.701*	*2.756*	*2.992*	*.000*	*4.724*	*3.346*	*1160*		
BT65A	C4	7	2	**C4-TR/LI-BT65A**	40	124	100	70	0	117	92	80	50	6.5
					1.575	*4.882*	*3.937*	*2.756*	*.000*	*4.606*	*3.622*	*1160*		
	C5	7	2	**C5-TR/LI-BT65A**	50	132	100	70	0	117	92	80	70	6.5
					1.969	*5.197*	*3.937*	*2.756*	*.000*	*4.606*	*3.622*	*1160*		





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
BT65A	C4	7	2	**C4-TR/LI-BT65A-SS**	40	124	100	20	0	98	92	80	50	6.1
					1.575	*4.882*	*3.937*	*.787*	*.000*	*3.878*	*3.622*	*1160*		

R = Right hand, L = Left hand

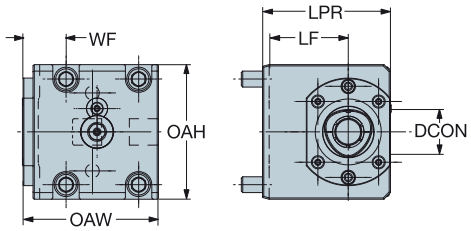
ISO 13399 I1

CNSC CXSC I38

C3 – D C I37

Manual clamping unit for BMT turrets





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
BT75A	C5	7	2	**C5-TR/LI-BT75A**	50	92	60	92	0	150	112	80	70	7.0
					1.969	*3.622*	*2.362*	*3.642*	*.000*	*5.906*	*4.409*	*1160*		
	C6	7	2	**C6-TR/LI-BT75A**	63	102	60	92	0	150	112	80	90	11.5
					2.480	*4.016*	*2.362*	*3.642*	*.000*	*5.906*	*4.409*	*1160*		
BT85A	C6	7	2	**C6-TR/LI-BT85A**	63	127	85	55	0	195	124	80	90	21.9
					2.480	*5.000*	*3.346*	*2.165*	*.000*	*7.677*	*4.882*	*1160*		
	C8	7	2	**C8-TR/LI-BT85A**	80	135	85	55	0	195	135	80	130	27.0
					3.150	*5.315*	*3.346*	*2.165*	*.000*	*7.677*	*5.315*	*1160*		
	C10	7	2	**C10-TR/LI-BT85A**	100	148	85	72	0	212	162	80	285	30.8
					3.937	*5.827*	*3.346*	*2.835*	*.000*	*8.346*	*6.378*	*1160*		

R = Right hand, L = Left hand

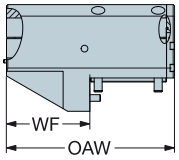
ISO 13399 I1

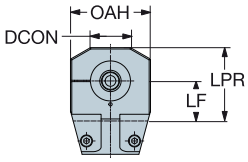
CNSC CXSC I38

C3 – DC I37

BMT turret interface to cylindrical shank adaptor







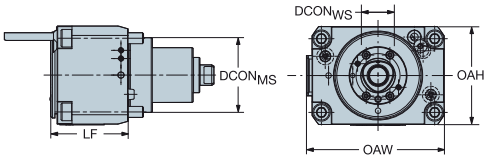
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Kg
BT75A	60	1	1	SBB-60-DO-PU400	60	105	60	125	0	252	120	80	15.5
BT85A	60	1	1	SBB-60-DO-PU600	60	135	85	100	0	252	135	80	26.5

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CNSC CXSC I38

Driven tool holder for BMT-P turrets





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP Bar/PSI	Nm	Kg
BT55A	C3	7	6	**C3-DNE-BT55A-E**	55	32	55	0	0	85	85	6000	40	80	25	3.2
					2.165	*1.260*	*2.165*	*.000*	*.000*	*3.346*	*3.346*		*29.503*	*1160*		
		7	1	**C3-DNE-BT55A-I**	55	32	55	0	0	85	85	6000	40	80	25	3.2
					2.165	*1.260*	*2.165*	*.000*	*.000*	*3.346*	*3.346*		*29.503*	*1160*		
BT65A	C4	7	6	**C4-DNE-BT65A-E**	65	40	54	0	0	96	96	6000	63	80	40	4.2
					2.559	*1.575*	*2.126*	*.000*	*.000*	*3.780*	*3.780*		*46.466*	*1160*		
		7	1	**C4-DNE-BT65A-I**	65	40	54	0	0	96	96	6000	63	80	40	4.3
					2.559	*1.575*	*2.126*	*.000*	*.000*	*3.780*	*3.780*		*46.466*	*1160*		
BT75A	C5	7	6	**C5-DNE-BT75A-E**	75	50	68	0	0	112	112	4000	150	80	60	6.8
					2.953	*1.969*	*2.677*	*.000*	*.000*	*4.409*	*4.409*		*110.634*	*1160*		
		7	1	**C5-DNE-BT75A-I**	75	50	68	0	0	112	112	4000	150	80	60	7.2
					2.953	*1.969*	*2.677*	*.000*	*.000*	*4.409*	*4.409*		*110.634*	*1160*		
BT85A	C6	7	6	**C6-DNE-BT85A-E**	85	63	85	0	0	125	125	3000	210	80	75	11.3
					3.346	*2.480*	*3.346*	*.000*	*.000*	*4.921*	*4.921*		*154.888*	*1160*		
		7	1	**C6-DNE-BT85A-I**	85	63	85	0	0	125	125	3000	210	80	75	11.6
					3.346	*2.480*	*3.346*	*.000*	*.000*	*4.921*	*4.921*		*154.888*	*1160*		

E = External coolant
I = Internal coolant

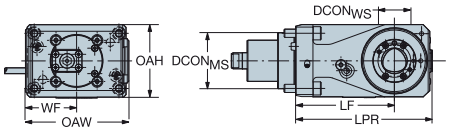
ISO 13399 I1

CNSC CXSC I38

C3 – D C I37

Driven tool holder for BMT-P turrets





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LPR	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP Bar/PSI	Nm	Kg
BT55A	C3	7	6	**C3-DNI-BT55A-E**	55	32	104	70	67	0	121	85	6000	40	80	25	7.0
					2.165	*1.260*	*4.094*	*2.756*	*2.638*	*.000*	*4.764*	*3.346*		*29.503*	*1160*		
		7	1	**C3-DNI-BT55A-I**	55	32	104	70	67	0	126	85	6000	40	80	25	7.1
					2.165	*1.260*	*4.094*	*2.756*	*2.638*	*.000*	*4.961*	*3.346*		*29.503*	*1160*		
BT65A	C4	7	6	**C4-DNI-BT65A-E**	65	40	140	100	68	0	130	96	6000	63	80	40	10.0
					2.559	*1.575*	*5.512*	*3.937*	*2.677*	*.000*	*5.134*	*3.780*		*46.466*	*1160*		
		7	1	**C4-DNI-BT65A-I**	65	40	140	100	68	0	134	96	6000	63	80	40	10.2
					2.559	*1.575*	*5.512*	*3.937*	*2.677*	*.000*	*5.307*	*3.780*		*46.466*	*1160*		
BT75A	C5	7	6	**C5-DNI-BT75A-E**	75	50	106	60	83	0	150	112	4000	150	80	60	12.9
					2.953	*1.969*	*4.173*	*2.362*	*3.268*	*.000*	*5.906*	*4.409*		*110.634*	*1160*		
		7	1	**C5-DNI-BT75A-I**	75	50	106	60	83	0	156	112	4000	150	80	60	13.5
					2.953	*1.969*	*4.173*	*2.362*	*3.268*	*.000*	*6.142*	*4.409*		*110.634*	*1160*		
BT85A	C6	7	6	**C6-DNI-BT85A-E**	85	63	141	85	104	0	184	125	3000	210	80	75	22.4
					3.346	*2.480*	*5.551*	*3.346*	*4.094*	*.000*	*7.244*	*4.921*		*154.888*	*1160*		
		7	1	**C6-DNI-BT85A-I**	85	63	141	85	104	0	190	125	3000	210	80	75	23.0
					3.346	*2.480*	*5.551*	*3.346*	*4.094*	*.000*	*7.480*	*4.921*		*154.888*	*1160*		

E = External coolant
I = Internal coolant

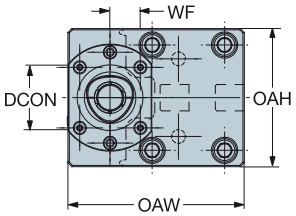
ISO 13399 I1

CNSC CXSC I38

C3 - D C I37

Manual clamping unit for Doosan machines





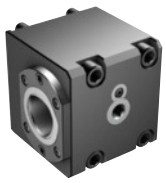
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
DO-A	C5	7	2	**C5-TR/LE-DO-A**	50	35	12	0	133	105	80	70	4.5
					1.969	*1.378*	*.472*	*.000*	*5.236*	*4.134*	*1160*		
DO-C	C6	7	2	**C6-TR/LE-DO-C**	63	45	58	0	250	140	80	90	14.0
					2.480	*1.772*	*2.283*	*.000*	*9.843*	*5.512*	*1160*		

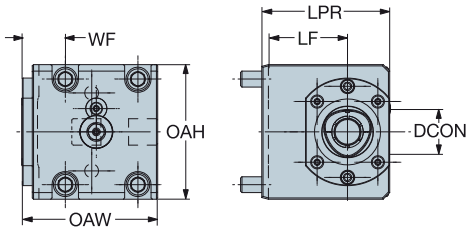
R = Right hand, L = Left hand

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CNSC CXSC I38

Manual clamping unit for Doosan machines





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
DO-A	C5	7	2	C5-TR/LI-DO-A	50	92	60	13	0	103	102	80	70	6.7
					1.969	*3.622*	*2.362*	*.512*	*.000*	*4.055*	*4.016*	*1160*		
DO-B	C6	7	2	C6-TR/LI-DO-B	63	84	42	27	0	119	120	80	90	7.3
					2.480	*3.307*	*1.654*	*1.063*	*.000*	*4.685*	*4.724*	*1160*		
DO-C	C6	7	2	C6-TR/LI-DO-C	63	102	60	15	0	165	140	80	90	14.0
					2.480	*4.016*	*2.362*	*.591*	*.000*	*6.496*	*5.512*	*1160*		
	C8	7	2	C8-TR/LI-DO-C	80	110	60	27	0	177	140	80	130	16.3
					3.150	*4.331*	*2.362*	*1.063*	*.000*	*6.969*	*5.512*	*1160*		
	C10	7	2	C10-TR/LI-DO-C	100	133	70	70	0	220	162	80	285	27.9
					3.937	*5.236*	*2.756*	*2.756*	*.000*	*8.661*	*6.378*	*1160*		

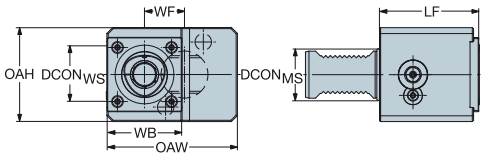
R = Right hand, L = Left hand

ISO 13399 I1

CNSC CXSC I38

Manual clamping unit for Gildemeister machines





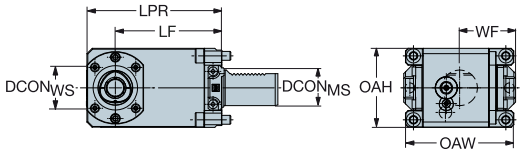
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
GM40V	C5	7	2	**C5-TR/LE-GM40V**	40	50	85	34	0	111	80	80	70	5.0
					1.575	*1.969*	*3.346*	*1.339*	*.000*	*4.370*	*3.150*	*1160*		

R = Right hand, L = Left hand

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Manual clamping unit for Gildemeister machines





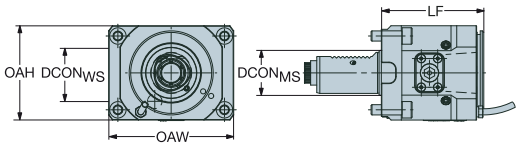
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
GM40V	C5	7	1	**C5-TR/LI-GM40V-L**	40	50	152	120	41	0	122	89	80	70	8.9
					1.575	*1.969*	*5.984*	*4.724*	*1.634*	*.000*	*4.803*	*3.504*	*1160*		
		7	1	**C5-TR/LI-GM40V-R**	40	50	152	120	41	0	122	89	80	70	8.9
					1.575	*1.969*	*5.984*	*4.724*	*1.634*	*.000*	*4.803*	*3.504*	*1160*		

R = Right hand, L = Left hand

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Driven tool holder for Gildemeister machines





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP Bar/PSI	Nm	Kg
GM40V	C5	7	6	**C5-DNE-GM40V-E**	40	50	100	0	0	122	92	6000	80	80	60	6.2
					1.575	*1.969*	*3.937*	*.000*	*.000*	*4.803*	*3.622*		*59.005*	*1160*		
		7	1	**C5-DNE-GM40V-I**	40	50	100	0	0	122	92	6000	80	80	60	6.3
					1.575	*1.969*	*3.937*	*.000*	*.000*	*4.803*	*3.622*		*59.005*	*1160*		

E = External coolant
I = Internal coolant

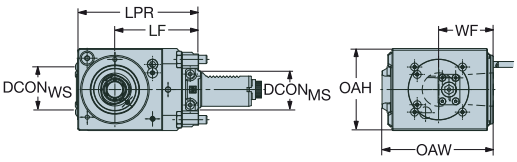
ISO 13399 I1

CNSC CXSC I38

C3 – DC I37

Driven tool holder for Gildemeister machines





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP Bar/PSI	Nm	Kg
GM40V	C5	7	6	**C5-DNI-GM40V-E-L**	40	50	146	100	65	0	128	92	6000	80	80	60	9.9
					1.575	*1.969*	*5.748*	*3.937*	*2.559*	*.000*	*5.063*	*3.622*		*59.005*	*1160*		
		7	6	**C5-DNI-GM40V-E-R**	40	50	146	100	65	0	128	92	6000	80	80	60	9.9
					1.575	*1.969*	*5.748*	*3.937*	*2.559*	*.000*	*5.063*	*3.622*		*59.005*	*1160*		
		7	1	**C5-DNI-GM40V-I-L**	40	50	146	100	65	0	133	92	6000	80	80	60	10.1
					1.575	*1.969*	*5.748*	*3.937*	*2.559*	*.000*	*5.236*	*3.622*		*59.005*	*1160*		
		7	1	**C5-DNI-GM40V-I-R**	40	50	146	100	65	0	133	92	6000	80	80	60	10.1
					1.575	*1.969*	*5.748*	*3.937*	*2.559*	*.000*	*5.236*	*3.622*		*59.005*	*1160*		

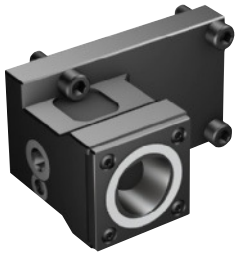
E = External coolant
I = Internal coolant

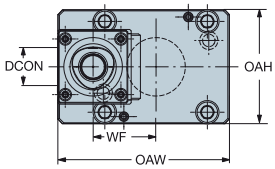
ISO 13399 I1

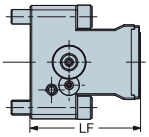
CNSC CXSC I38

C3 - D C I37

Manual clamping unit for Mazak machines







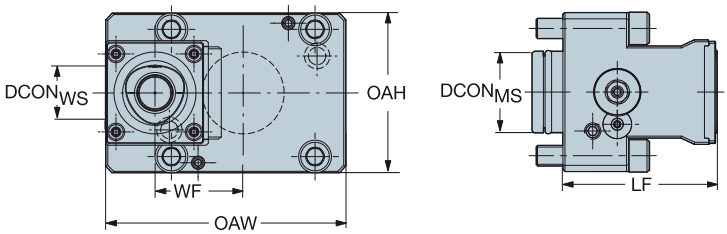
					Dimensions, mm								
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	DCON	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
MZ68A	C5	7	2	**C5-TR/LE-MZ68A**	50	90	50	0	142	84	80	70	3.4
					1.969	*3.543*	*1.969*	*.000*	*5.591*	*3.307*	*1160*		

R = Right hand, L = Left hand

ISO 13399 I1 CNSC CXSC I38 C3 – D C I37

Manual clamping unit for Mazak machines





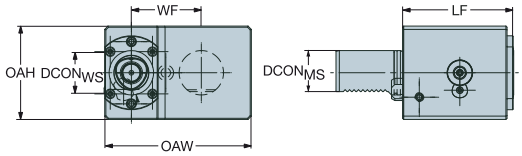
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
MZ68B	C4	7	2	**C4-TR/LE-MZ68B**			55	52	0	160	85	80	50	4.5
							2.165	*2.047*	*.000*	*6.299*	*3.346*	*1160*		
MZ80A	C5	7	2	**C5-TR/LE-MZ80A**	80	50	70	67	0	201	98	80	70	7.4
					3.150	*1.969*	*2.756*	*2.638*	*.000*	*7.933*	*3.858*	*1160*		

R = Right hand, L = Left hand

ISO 13399 I1
CNSC CXSC I38
C3 - D C I37

Manual clamping unit for Mazak machines





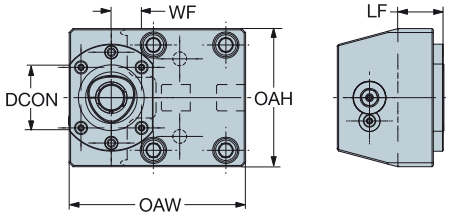
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
MZ40V	C4	7	2	**C4-TR/LE-MZ40V**	40	40	100	58	0	164	84	80	50	6.2
					1.575	*1.575*	*3.937*	*2.283*	*.000*	*6.457*	*3.307*	*1160*		
MZ40X	C4	7	2	**C4-TR/LE-MZ40X**	40	40	100	63	0	132	84	80	50	5.3
					1.575	*1.575*	*3.937*	*2.480*	*.000*	*5.197*	*3.307*	*1160*		
MZ50V	C6	7	2	**C6-TR/LE-MZ50V**	50	63	105	42	0	169	106	80	90	10.2
					1.969	*2.480*	*4.134*	*1.654*	*.000*	*6.654*	*4.173*	*1160*		

R = Right hand, L = Left hand

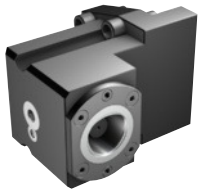
ISO 13399 I1 CNSC CXSC I38 C3-DC I37

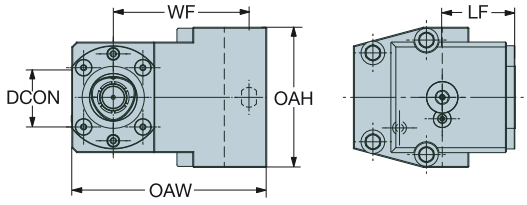
Manual clamping unit for Mazak machines





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
MZ-A	C4	7	2	**C4-TR/LE-MZ-A**	40	30	25	0	104	104	80	50	2.8
					1.575	*1.181*	*.984*	*.000*	*4.094*	*4.094*	*1160*		
MZ-B	C4	7	2	**C4-TR/LE-MZ-B**	40	25	25	0	124	114	80	50	3.6
					1.575	*.984*	*.984*	*.000*	*4.882*	*4.488*	*1160*		
MZ-D	C6	7	2	**C6-TR/LE-MZ-D**	63	75	90	0	257	144	80	90	13.5
					2.480	*2.953*	*3.543*	*.000*	*10.118*	*5.669*	*1160*		
MZ-E	C6	7	2	**C6-TR/LE-MZ-E**	63	105	105	0	282	168	80	90	17.8
					2.480	*4.134*	*4.134*	*.000*	*11.102*	*6.614*	*1160*		
MZ-G	C6	7	2	**C6-TR/LE-MZ-G**	63	75	90	0	257	144	80	90	13.5
					2.480	*2.953*	*3.543*	*.000*	*10.118*	*5.669*	*1160*		
MZ-H	C6	7	2	**C6-TR/LE-MZ-H**	63	105	105	0	282	168	80	90	17.8
					2.480	*4.134*	*4.134*	*.000*	*11.102*	*6.614*	*1160*		





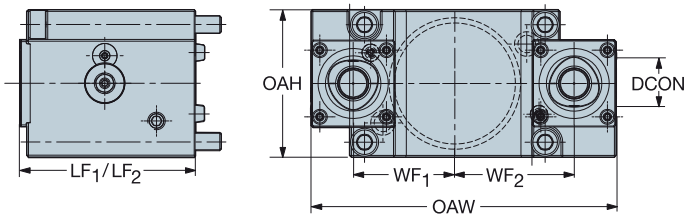
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
MZ-F	C6	7	2	**C6-TR/LE-MZ-F**	63	74	137	0	197	142	80	90	15.4
					2.480	*2.913*	*5.413*	*.000*	*7.776*	*5.591*	*1160*		

R = Right hand, L = Left hand

ISO 13399 I1
CNSC CXSC I38
C3 - D C I37

Manual clamping unit for Mazak machines



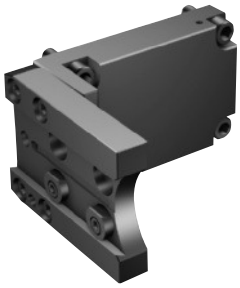


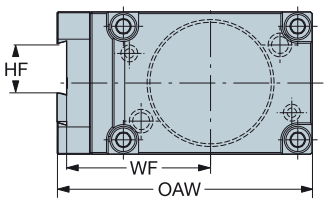
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF_1	LF_2	WF_1	WF_2	HF_1	HF_2	OAW	OAH	CP Bar/PSI	Nm	Kg
MZ68A	C5	7	2	**C5-TR/LE-MZ68A-DT**	50	90	90	50	60	0	0	174	84	80	70	10.0
					1.969	*3.543*	*3.543*	*1.969*	*2.362*	*.000*	*.000*	*6.850*	*3.307*	*1160*		

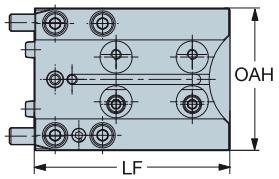
R = Right hand, L = Left hand

ISO 13399 I1 CNSC CXSC I38 C3 – DC I37

Mazak turret interface to blade adaptor







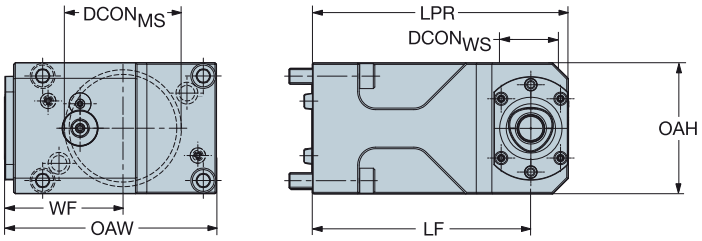
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch LF	WF	HF	OAW	OAH	CP Bar/PSI	Kg
MZ68A	25	7	2	**APB-TNE-MZ68A-25**	115	85	25	150	100	80	3.6
					4.547	*3.346*	*.984*	*5.925*	*3.937*	*1160*	

ISO 13399 I1

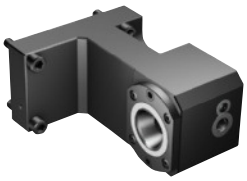
CNSC CXSC I38

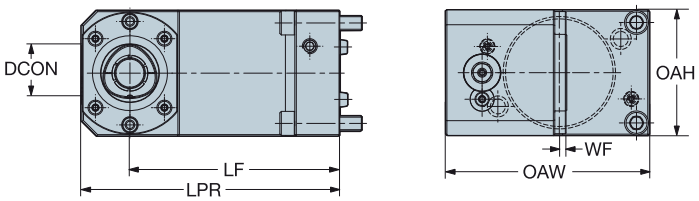
Manual clamping unit for Mazak machines





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
MZ68A	C5	7	2	**C5-TR/LI-MZ68A**	50	172	140	75	0	135	84	80	70	8.3
					1.969	*6.772*	*5.512*	*2.953*	*.000*	*5.315*	*3.307*	*1160*		





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
MZ68A	C5	7	2	**C5-TR/LI-MZ68A-SS**	50	172	140	5	0	136	84	80	70	8.4
					1.969	*6.772*	*5.512*	*.197*	*.000*	*5.354*	*3.307*	*1160*		

R = Right hand, L = Left hand

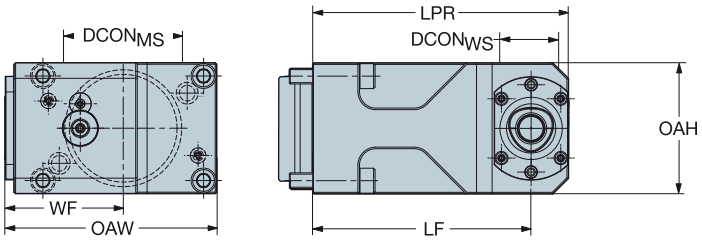
ISO 13399 I1

CNSC CXSC I38

C3 – D C I37

Manual clamping unit for Mazak machines



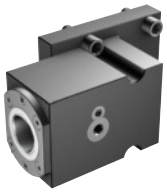


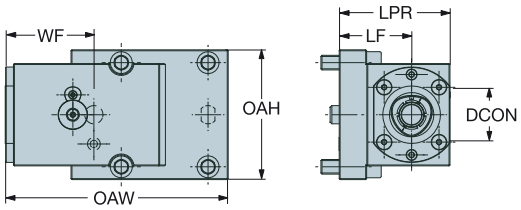
CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
MZ68B	C4	7	2	**C4-TR/LI-MZ68B**			119	95	75	0	152	85	80	50	7.5
							4.685	*3.740*	*2.953*	*.000*	*5.984*	*3.346*	*1160*		
MZ80A	C5	7	2	**C5-TR/LI-MZ80A**	80	50	152	120	93	0	195	98	80	70	12.9
					3.150	*1.969*	*5.984*	*4.724*	*3.661*	*.000*	*7.697*	*3.858*	*1160*		

R = Right hand, L = Left hand

ISO 13399 I1 CNSC CXSC I38 C3 - D C 1 2 3 I37

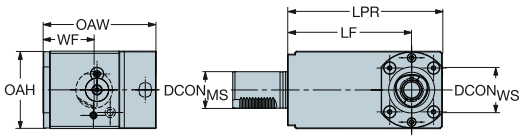
Manual clamping unit for Mazak machines





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
MZ-F	C6	7	2	**C6-TR/LI-MZ-F**	63	121	79	97	0	244	142	80	90	15.7
					2.480	*4.764*	*3.120*	*3.819*	*.000*	*9.606*	*5.591*	*1160*		
	C8	7	2	**C8-TR/LI-MZ-F**	80	129	79	97	0	244	142	80	130	22.8
					3.150	*5.079*	*3.120*	*3.819*	*.000*	*9.606*	*5.591*	*1160*		



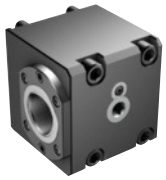


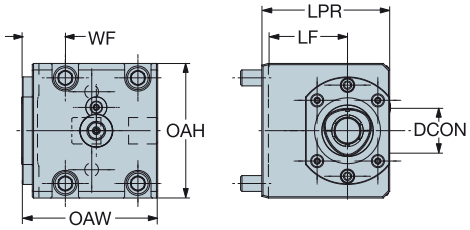
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
MZ40V	C4	7	2	**C4-TR/LI-MZ40V**	40	40	164	140	76	0	158	84	80	50	10.1
					1.575	*1.575*	*6.457*	*5.512*	*2.992*	*.000*	*6.220*	*3.307*	*1160*		
MZ40X	C4	7	2	**C4-TR/LI-MZ40X**	40	40		150	10	0	142	84	80	50	9.5
					1.575	*1.575*		*5.906*	*.394*	*.000*	*5.591*	*3.307*	*1160*		
MZ50V	C6	7	2	**C6-TR/LI-MZ50V**	50	63	212	170	70	0	155	106	80	90	17.9
					1.969	*2.480*	*8.346*	*6.693*	*2.756*	*.000*	*6.102*	*4.173*	*1160*		

R = Right hand, L = Left hand

ISO 13399 I1 CNSC CXSC I38 C3 - DC I37

Manual clamping unit for Mazak machines





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
MZ-A	C4	7	2	C4-TR/LI-MZ-A	40	74	50	31	0	86	104	80	50	4.9
					1.575	*2.913*	*1.969*	*1.220*	*.000*	*3.386*	*4.094*	*1160*		
MZ-B	C4	7	2	C4-TR/LI-MZ-B	40	74	50	31	0	106	114	80	50	6.2
					1.575	*2.913*	*1.969*	*1.220*	*.000*	*4.173*	*4.488*	*1160*		
	C5	7	2	C5-TR/LI-MZ-B	50	79	47	33	0	108	114	80	70	6.7
					1.969	*3.110*	*1.850*	*1.299*	*.000*	*4.252*	*4.488*	*1160*		
MZ-C	C6	7	2	C6-TR/LI-MZ-C	63	92	50	41	0	149	144	80	90	12.2
					2.480	*3.622*	*1.969*	*1.614*	*.000*	*5.866*	*5.669*	*1160*		
MZ-D	C6	7	2	C6-TR/LI-MZ-D	63	122	80	56	0	171	144	80	90	13.0
					2.480	*4.803*	*3.150*	*2.205*	*.000*	*6.732*	*5.669*	*1160*		
	C8	7	2	C8-TR/LI-MZ-D	80	130	80	64	0	189	144	80	130	15.8
					3.150	*5.118*	*3.150*	*2.520*	*.000*	*7.441*	*5.669*	*1160*		
	C10	7	2	C10-TR/LI-MZ-D	100	143	80	100	0	324	164	80	285	37.0
					3.937	*5.630*	*3.150*	*3.937*	*.000*	*12.756*	*6.457*	*1160*		
MZ-E	C6	1	2	C6-TR/LI-MZ-E	63	142	100	71	0	206	168	80	90	20.0
					2.480	*5.591*	*3.937*	*2.795*	*.000*	*8.110*	*6.614*	*1160*		
	C8	7	2	C8-TR/LI-MZ-E	80	163	100	74	0	209	168	80	130	20.0
					3.150	*6.417*	*3.937*	*2.913*	*.000*	*8.228*	*6.614*	*1160*		
	C10	7	2	C10-TR/LI-MZ-E	100	163	100	86	0	324	170	80	285	48.8
					3.937	*6.417*	*3.937*	*3.386*	*.000*	*12.756*	*6.693*	*1160*		
MZ-G	C6	7	2	C6-TR/LI-MZ-G	63	122	80	46	0	171	144	80	90	13.0
					2.480	*4.803*	*3.150*	*1.811*	*.000*	*6.732*	*5.669*	*1160*		
	C8	7	2	C8-TR/LI-MZ-G	80	130	80	63	0	189	144	80	130	15.8
					3.150	*5.118*	*3.150*	*2.480*	*.000*	*7.441*	*5.669*	*1160*		
	C10	7	2	C10-TR/LI-MZ-G	100	143	80	100	0	324	164	80	285	37.0
					3.937	*5.630*	*3.150*	*3.937*	*.000*	*12.756*	*6.457*	*1160*		
MZ-H	C6	7	2	C6-TR/LI-MZ-H	63	142	100	71	0	206	206	80	90	20.0
					2.480	*5.591*	*3.937*	*2.795*	*.000*	*8.110*	*8.110*	*1160*		
	C8	7	2	C8-TR/LI-MZ-H	80	163	100	74	0	209	168	80	130	20.0
					3.150	*6.417*	*3.937*	*2.913*	*.000*	*8.228*	*6.614*	*1160*		
	C10	7	2	C10-TR/LI-MZ-H	100	163	100	86	0	324	170	80	285	48.8
					3.937	*6.417*	*3.937*	*3.386*	*.000*	*12.756*	*6.693*	*1160*		

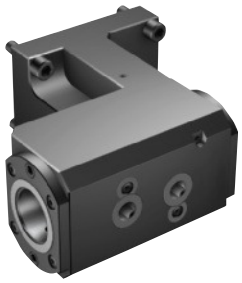
R = Right hand, L = Left hand

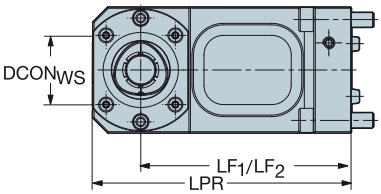
ISO 13399 I1

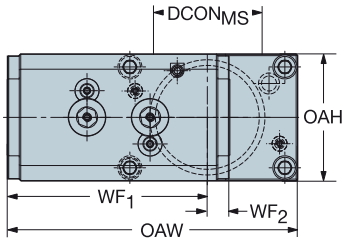
CNSC CXSC I38

C3 - D C I37

Manual clamping unit for Mazak machines







CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF_1	LF_2	WF_1	WF_2	HF_1	HF_2	OAW	OAH	CP Bar/PSI	Nm	Kg
MZ68A	C5	7	2	**C5-TR/LI-MZ68A-DT**	50	172	140	140	133	15	0	0	193	84	80	70	9.8
					1.969	*6.772*	*5.512*	*5.512*	*5.236*	*.591*	*.000*	*.000*	*7.598*	*3.307*	*1160*		

R = Right hand, L = Left hand

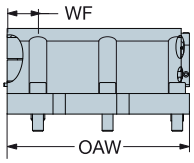
ISO 13399 I1

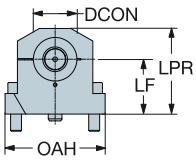
CNSC CXSC I38

C3 – DC I37

Mazak turret interface to cylindrical shank adaptor



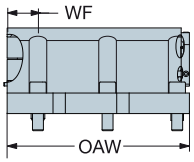


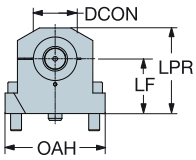


Metric version

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Kg
MZ-D	60	1	1	SBB-60-MZ-ST50	60	125	80	45	0	265	146	80	15.5
MZ-E	60	1	1	SBB-60-MZ-ST60	60	142	100	45	0	255	168	80	26.5







Inch version

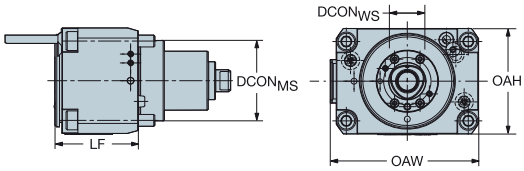
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, inch DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Lbs
MZ-G	2 1/2	1	1	A-SBB-25-MZ-ST50	2.500	4.921	3.150	1.772	.000	10.472	5.748	1160	34.1
MZ-H	2 1/2	1	1	A-SBB-25-MZ-ST60	2.500	5.591	3.937	2.323	.000	10.591	6.614	1160	58.3

ISO 13399 I1

CNSC CXSC I38

Driven tool holder for Mazak machines





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP Bar/PSI	Nm	Kg
MZ68A	C5	7	6	**C5-DNE-MZ68A-E**	67	50	75	0	0	125	89	6000	80	80	60	5.7
					2.669	*1.969*	*2.953*	*.000*	*.000*	*4.921*	*3.504*		*59.005*	*1160*		
		7	1	**C5-DNE-MZ68A-I**	67	50	75	0	0	125	89	6000	80	80	60	6.0
					2.669	*1.969*	*2.953*	*.000*	*.000*	*4.921*	*3.504*		*59.005*	*1160*		
MZ68B	C4	7	6	**C4-DNE-MZ68B-E**	68	40	55	0	0	127	84	6000	80	80	40	4.0
					2.677	*1.575*	*2.165*	*.000*	*.000*	*5.000*	*3.307*		*59.005*	*1160*		
		7	1	**C4-DNE-MZ68B-I**	68	40	55	0	0	127	84	6000	80	80	40	4.0
					2.677	*1.575*	*2.165*	*.000*	*.000*	*5.000*	*3.307*		*59.005*	*1160*		
MZ80A	C5	7	6	**C5-DNE-MZ80A-E**	80	50	70	0	0	177	105	4000	150	80	60	8.2
					3.150	*1.969*	*2.756*	*.000*	*.000*	*6.969*	*4.134*		*110.63*	*1160*		
		7	1	**C5-DNE-MZ80A-I**	80	50	70	0	0	177	105	4000	150	80	60	8.3
					3.150	*1.969*	*2.756*	*.000*	*.000*	*6.969*	*4.134*		*110.63*	*1160*		

E = External coolant
I = Internal coolant

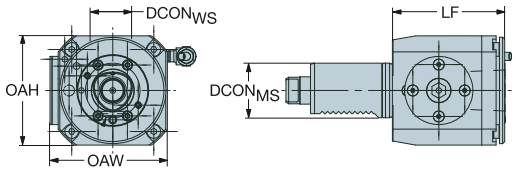
ISO 13399 I1

CNSC CXSC I38

C3 – DC I37

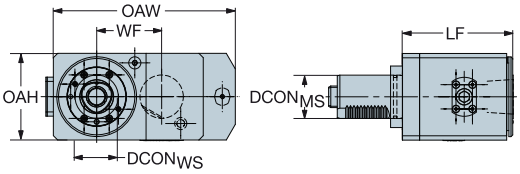
Driven tool holder for Mazak machines





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP Bar/PSI	Nm	Kg
MZ40V	C4	7	6	**C4-DNE-MZ40V-E**	40	40	83	0	0	86	80	6000	70	80	40	3.8
					1.575	*1.575*	*3.268*	*.000*	*.000*	*3.386*	*3.150*		*51.629*	*1160*		
		7	1	**C4-DNE-MZ40V-I**	40	40	83	0	0	86	80	6000	70	80	40	3.8
					1.575	*1.575*	*3.268*	*.000*	*.000*	*3.386*	*3.150*		*51.629*	*1160*		





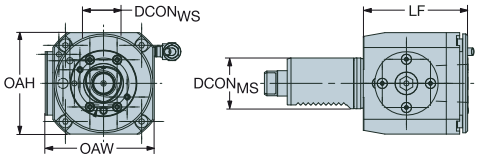
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP Bar/PSI	Nm	Kg
MZ50V	C5	7	6	**C5-DNE-MZ50V-E**	50	50	128	75	0	210	100	4000	150	80	60	12.9
					1.969	*1.969*	*5.039*	*2.953*	*.000*	*8.268*	*3.937*		*110.634*	*1160*		
		7	1	**C5-DNE-MZ50V-I**	50	50	128	75	0	210	100	4000	150	80	60	13.3
					1.969	*1.969*	*5.039*	*2.953*	*.000*	*8.268*	*3.937*		*110.634*	*1160*		

E = External coolant
I = Internal coolant

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CNSC CXSC I38
C3-DC I37

Driven tool holder for Mazak machines





CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP Bar/PSI	Nm	Kg
MZ40X	C4	7	6	**C4-DNE-MZ40X-E**	40	40	83	0	0	80	80	6000	70	80	40	3.7
					1.575	*1.575*	*3.268*	*.000*	*.000*	*3.150*	*3.150*		*51.629*	*1160*		
		7	1	**C4-DNE-MZ40X-I**	40	40	83	0	0	80	80	6000	70	80	40	3.7
					1.575	*1.575*	*3.268*	*.000*	*.000*	*3.150*	*3.150*		*51.629*	*1160*		

E = External coolant
I = Internal coolant

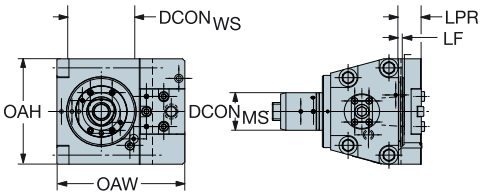
ISO 13399 I1

CNSC CXSC I38

C3 – D C 1 2 3 I37

Driven tool holder for Mazak machines





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP Bar/PSI	Nm	Kg
MZ-F	C5	7	6	**C5-DNE-MZ-F-E**	50	27	4	0	0	170	140	3000	150	80	60	12.2
					1.969	*1.063*	*.177*	*.000*	*.000*	*6.693*	*5.512*		*110.634*	*1160*		
		7	1	**C5-DNE-MZ-F-I**	50	27	4	0	0	170	140	3000	150	80	60	12.3
					1.969	*1.063*	*.177*	*.000*	*.000*	*6.693*	*5.512*		*110.634*	*1160*		

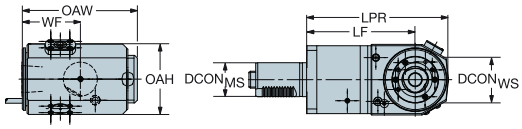
E = External coolant
I = Internal coolant

ISO 13399 I1

CNSC CXSC I38

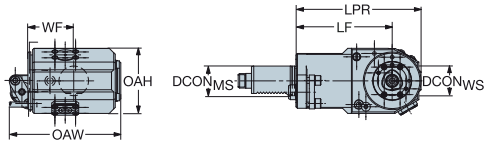
Driven tool holder for Mazak machines





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP Bar/PSI	Nm	Kg
MZ40V	C4	7	6	**C4-DNI-MZ40V-E**	40	40	169	130	62	0	142	88	6000	70	80	40	9.9
					1.575	*1.575*	*6.689*	*5.118*	*2.441*	*.000*	*5.591*	*3.465*		*51.629*	*1160*		
		7	1	**C4-DNI-MZ40V-I**	40	40	169	130	62	0	142	88	6000	70	80	40	10.1
					1.575	*1.575*	*6.689*	*5.118*	*2.441*	*.000*	*5.591*	*3.465*		*51.629*	*1160*		
MZ50V	C5	7	6	**C5-DNI-MZ50V-E**	50	50	209	160	86	0	165	104	4000	150	80	60	16.5
					1.969	*1.969*	*8.228*	*6.299*	*3.386*	*.000*	*6.496*	*4.094*		*110.634*	*1160*		
		7	1	**C5-DNI-MZ50V-I**	50	50	209	160	86	0	170	104	4000	150	80	60	17.1
					1.969	*1.969*	*8.228*	*6.299*	*3.386*	*.000*	*6.693*	*4.094*		*110.634*	*1160*		

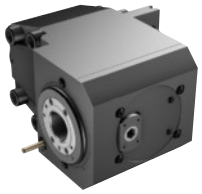


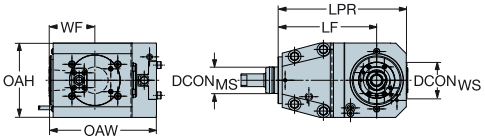


CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP Bar/PSI	Nm	Kg
MZ40X	C4	7	6	**C4-DNI-MZ40X-E**	40	40	170	130	62	0	150	88	6000	70	80	40	10.0
					1.575	*1.575*	*6.693*	*5.118*	*2.441*	*.000*	*5.929*	*3.465*		*51.629*	*1160*		
		7	1	**C4-DNI-MZ40X-I**	40	40	170	130	62	0	155	88	6000	70	80	40	10.2
					1.575	*1.575*	*6.693*	*5.118*	*2.441*	*.000*	*6.102*	*3.465*		*51.629*	*1160*		

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Driven tool holder for Mazak machines





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP Bar/PSI	Nm	Kg
MZ-F	C5	7	6	C5-DNI-MZ-F-E	50	143	84	86	0	202	140	3000	150	80	60	27.0
					1.969	*5.630*	*3.317*	*3.386*	*.000*	*7.953*	*5.512*		*110.634*	*1160*		
		7	1	C5-DNI-MZ-F-I	50	143	84	86	0	202	140	3000	150	80	60	27.4
					1.969	*5.630*	*3.317*	*3.386*	*.000*	*7.953*	*5.512*		*110.634*	*1160*		

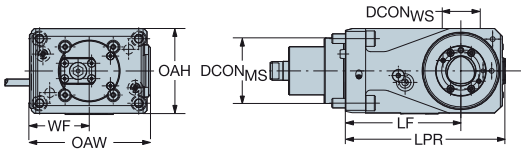
E = External coolant
I = Internal coolant

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CNSC CXSC I38

Driven tool holder for Mazak machines





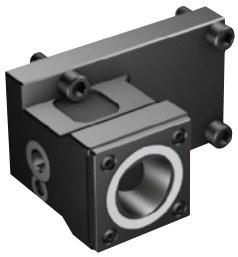
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LPR	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP Bar/PSI	Nm	Kg
MZ68A	C4	7	1	**C5-DNI-MZ68A-I**	67	40	166	120	62	0	130	88	6000	80	80	60	11.3
					2.669	*1.575*	*6.535*	*4.724*	*2.441*	*.000*	*5.118*	*3.465*		*59.005*	*1160*		
	C5	7	6	**C5-DNI-MZ68A-E**	67	50	166	120	62	0	125	88	6000	80	80	60	11.1
					2.669	*1.969*	*6.535*	*4.724*	*2.441*	*.000*	*4.945*	*3.465*		*59.005*	*1160*		
MZ68B	C4	7	6	**C4-DNI-MZ68B-E**	68	40	117	80	65	0	144	84	6000	80	80	40	7.9
					2.677	*1.575*	*4.606*	*3.150*	*2.559*	*.000*	*5.669*	*3.307*		*59.005*	*1160*		
		7	1	**C4-DNI-MZ68B-I**	68	40	117	80	65	0	144	84	6000	80	80	40	8.1
					2.677	*1.575*	*4.606*	*3.150*	*2.559*	*.000*	*5.669*	*3.307*		*59.005*	*1160*		
MZ80A	C5	7	6	**C5-DNI-MZ80A-E**	80	50	146	100	75	0	177	105	4000	150	80	60	15.7
					3.150	*1.969*	*5.748*	*3.937*	*2.953*	*.000*	*6.969*	*4.134*		*110.634*	*1160*		
		7	1	**C5-DNI-MZ80A-I**	80	50	146	100	75	0	177	105	4000	150	80	60	16.0
					3.150	*1.969*	*5.748*	*3.937*	*2.953*	*.000*	*6.969*	*4.134*		*110.634*	*1160*		

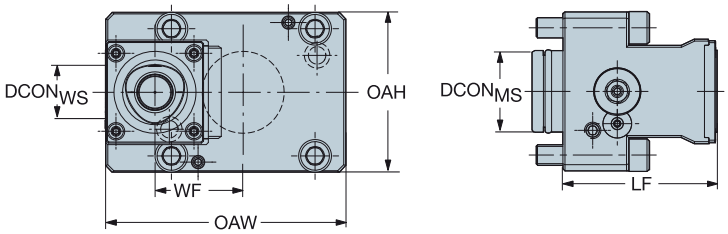
E = External coolant
I = Internal coolant

ISO 13399 I1 CNSC CXSC I38 C3 – DC I37

SANDVIK Coromant

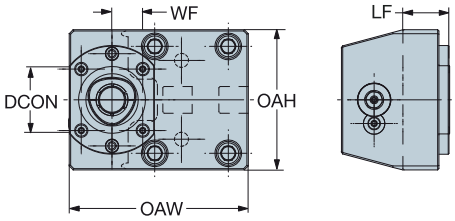
Manual clamping unit for Mori Seiki machines





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
MS40A	C4	7	2	**C4-TR/LE-MS40A**	40	40	75	43	0	117	77	80	50	3.0
					1.575	*1.575*	*2.953*	*1.693*	*.000*	*4.606*	*3.047*	*1160*		
MS60A	C4	7	2	**C4-TR/LE-MS60A**	60	40	80	41	0	130	108	80	50	6.2
					2.362	*1.575*	*3.150*	*1.614*	*.000*	*5.118*	*4.252*	*1160*		
	C5	7	2	**C5-TR/LE-MS60A**	60	50	95	33	0	130	108	80	70	6.6
					2.362	*1.969*	*3.740*	*1.299*	*.000*	*5.118*	*4.252*	*1160*		





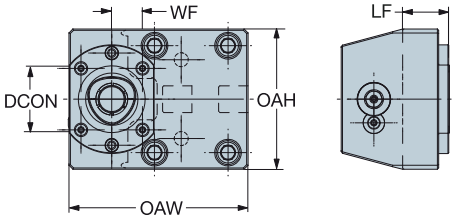
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
MS75A	C6	7	2	**C6-TR/LE-MS75A**	75	63	40	25	118	0	245	136	80	90	14.0
					2.953	*2.480*	*1.575*	*.984*	*4.646*	*.000*	*9.646*	*5.354*	*1160*		
MS110A	C6	7	2	**C6-TR/LE-MS110A**	110	63	47	35	43	0	299	158	80	90	18.7
					4.331	*2.480*	*1.850*	*1.378*	*1.693*	*.000*	*11.772*	*6.220*	*1160*		

R = Right hand, L = Left hand

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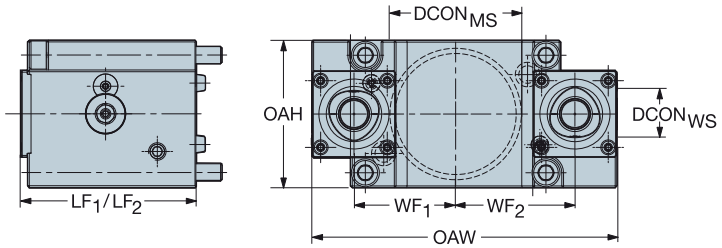
Manual clamping unit for Mori Seiki machines





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
MS-A	C4	7	2	C4-TR/LE-MS-A	40	29	23	8	0	113	105	80	50	3.5
					1.575	*1.142*	*.906*	*.315*	*.000*	*4.449*	*4.134*	*1160*		
MS-C	C5	7	2	C5-TR/LE-MS-C	50		40	110	0	217	140	80	70	8.6
					1.969		*1.575*	*4.331*	*.000*	*8.543*	*5.512*	*1160*		
	C6	7	2	C6-TR/LE-MS-C	63		40	120	0	207	140	80	90	10.5
					2.480		*1.575*	*4.724*	*.000*	*8.150*	*5.512*	*1160*		





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LF_1	LF_2	WF_1	WF_2	HF_1	HF_2	OAW	OAH	CP Bar/PSI	Nm	Kg
MS40A	C4	7	2	C4-TR/LE-MS40A-DT	40	40	75	75	43	43	0	0	134	77	80	50	4.3
					1.575	*1.575*	*2.953*	*2.953*	*1.693*	*1.693*	*.000*	*.000*	*5.276*	*3.032*	*1160*		
MS60A	C4	7	2	C4-TR/LE-MS60A-DT	60	40	80	80	45	70	0	0	163	108	80	50	7.7
					2.362	*1.575*	*3.150*	*3.150*	*1.772*	*2.776*	*.000*	*.000*	*6.437*	*4.252*	*1160*		
	C5	7	2	C5-TR/LE-MS60A-DT	60	50	95	95	37	62	0	0	163	108	80	70	8.5
					2.362	*1.969*	*3.740*	*3.740*	*1.457*	*2.461*	*.000*	*.000*	*6.437*	*4.252*	*1160*		

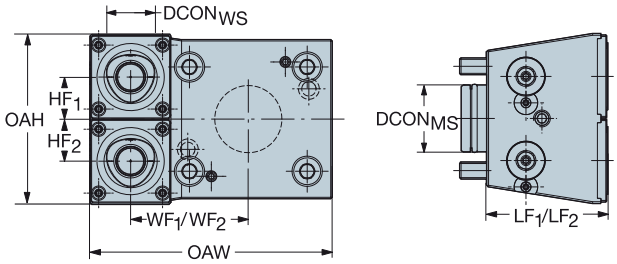
R = Right hand, L = Left hand

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Manual clamping unit for Mori Seiki machines



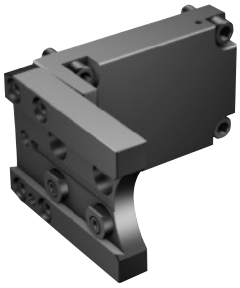


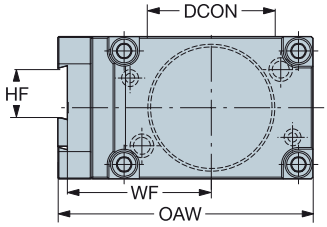
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF$_1$	LF$_2$	WF$_1$	WF$_2$	HF$_1$	HF$_2$	OAW	OAH	CP Bar/PSI	Nm	Kg
MS40A	C4	7	2	**C4-TR/LE-MS40A-YT**	40	40	72	72	70	70	25	25	144	101	80	50	4.8
					1.575	*1.575*	*2.835*	*2.835*	*2.756*	*2.756*	*.984*	*.984*	*5.669*	*3.976*	*1160*		
MS60A	C4	7	2	**C4-TR/LE-MS60A-YT**	60	40	80	80	82	82	29	29	171	108	80	50	7.4
					2.362	*1.575*	*3.150*	*3.150*	*3.228*	*3.228*	*1.142*	*1.142*	*6.732*	*4.252*	*1160*		

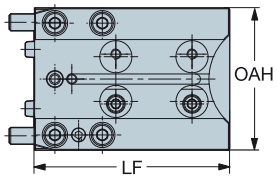
R = Right hand, L = Left hand

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Mori Seiki turret interface to blade adaptor







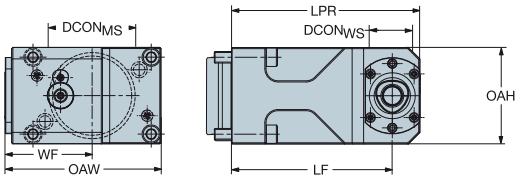
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	CP Bar/PSI	Kg
MS40A	25	7	2	**APB-TNE-MS40A-25**	40	90	81	25	137	80	80	3.2
					1.575	*3.543*	*3.209*	*.984*	*5.394*	*3.150*	*1160*	
MS60A	25	7	2	**APB-TNE-MS60A-25**	60	100	86	25	156	108	80	4.8
					2.362	*3.937*	*3.386*	*.984*	*6.161*	*4.252*	*1160*	

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Manual clamping unit for Mori Seiki machines





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
MS40A	C4	7	1	**C4-TR/LI-MS40A**	40	40	124	100	32	0	100	77	80	50	5.8
					1.575	*1.575*	*4.882*	*3.937*	*1.260*	*.000*	*3.937*	*3.047*	*1160*		
MS60A	C4	7	1	**C4-TR/LI-MS60A**	60	40	114	90	65	0	130	108	80	50	7.8
					2.362	*1.575*	*4.488*	*3.543*	*2.559*	*.000*	*5.118*	*4.252*	*1160*		
	C5	7	2	**C5-TR/LI-MS60A**	60	50	122	90	65	0	130	108	80	70	8.8
					2.362	*1.969*	*4.803*	*3.543*	*2.559*	*.000*	*5.118*	*4.252*	*1160*		
		7	1	**C5-TR/LI-MS60A-ET**	60	50	152	120	41	0	130	108	80	70	9.2
					2.362	*1.969*	*5.984*	*4.724*	*1.614*	*.000*	*5.118*	*4.252*	*1160*		
	C6	7	2	**C6-TR/LI-MS60A**	60	63	152	110	37	0	130	130	80	90	12.3
					2.362	*2.480*	*5.984*	*4.331*	*1.457*	*.000*	*5.118*	*5.118*	*1160*		

R = Right hand, L = Left hand

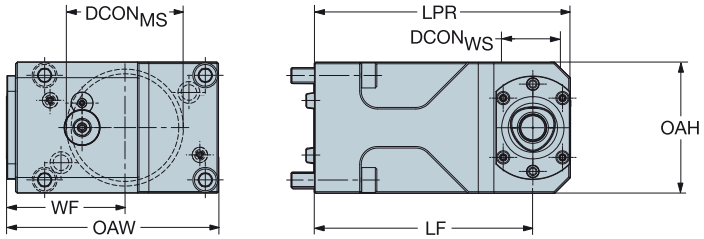
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CNSC CXSC I38

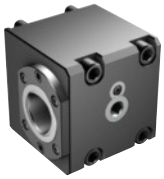
C3 – D C I37

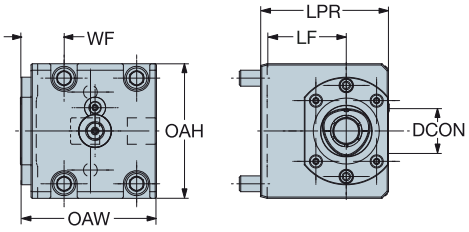
Manual clamping unit for Mori Seiki machines





CZC MS	CZC WS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON MS	DCON WS	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
MS75A	C6	7	2	C6-TR/LI-MS75A	75	63	122	80	140	0	225	136	80	90	20.2
					2.953	*2.480*	*4.803*	*3.150*	*5.512*	*.000*	*8.858*	*5.354*	*1160*		
MS110A	C6	7	2	C6-TR/LI-MS110A	110	63	142	100	34	0	248	158	80	90	19.3
					4.331	*2.480*	*5.591*	*3.937*	*1.339*	*.000*	*9.764*	*6.220*	*1160*		



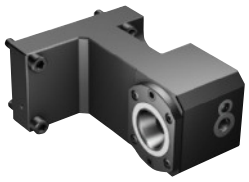


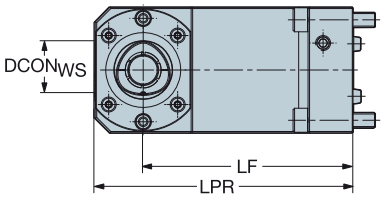
CZC MS	CZC WS	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
MS-A	C4	7	2	C4-TR/LI-MS-A	40	40	12	0	93	100	80	50	3.8
					1.575	*1.575*	*.472*	*.000*	*3.661*	*3.937*	*1160*		
	C5	7	2	C5-TR/LI-MS-A	50	40	15	0	100	100	80	70	5.6
					1.969	*1.575*	*.591*	*.000*	*3.937*	*3.937*	*1160*		
MS-B	C6	7	2	C6-TR/LI-MS-B	63	50	16	0	149	132	80	90	11.0
					2.480	*1.969*	*.630*	*.000*	*5.866*	*5.197*	*1160*		
MS-C	C6	7	2	C6-TR/LI-MS-C	63	50	100	0	175	140	80	90	14.1
					2.480	*1.969*	*3.937*	*.000*	*6.890*	*5.512*	*1160*		
	C8	7	2	C8-TR/LI-MS-C	80	62	117	0	192	140	80	130	17.6
					3.150	*2.441*	*4.606*	*.000*	*7.559*	*5.512*	*1160*		

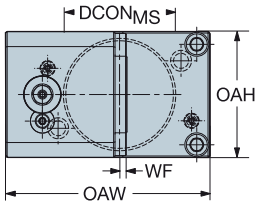
R = Right hand, L = Left hand

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Manual clamping unit for Mori Seiki machines

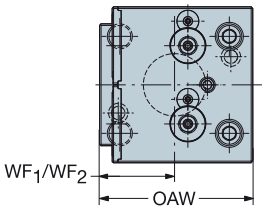


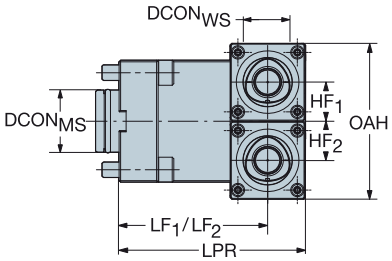




CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
MS40A	C4	7	2	**C4-TR/LI-MS40A-SS**	40	40	124	100	15	0	124	77	80	50	5.6
					1.575	*1.575*	*4.882*	*3.937*	*.591*	*.000*	*4.882*	*3.047*	*1160*		
MS60A	C4	7	1	**C4-TR/LI-MS60A-SS**	60	40	114	90	41	0	130	108	80	50	7.5
					2.362	*1.575*	*4.488*	*3.543*	*1.614*	*.000*	*5.118*	*4.252*	*1160*		
	C5	7	2	**C5-TR/LI-MS60A-SS**	60	50	122	90	41	0	130	108	80	70	7.8
					2.362	*1.969*	*4.803*	*3.543*	*1.614*	*.000*	*5.118*	*4.252*	*1160*		





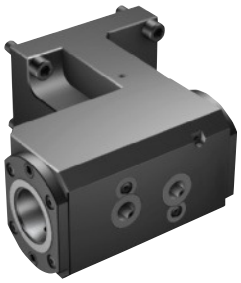


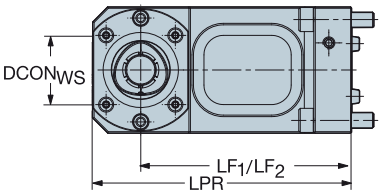
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF$_1$	LF$_2$	WF$_1$	WF$_2$	HF$_1$	HF$_2$	OAW	OAH	HTB	CP Bar/PSI	Nm	Kg
MS40A	C4	7	2	**C4-TR/LI-MS40A-YT**	40	40	119	95	95	48	48	25	25	98	99		80	50	6.5
					1.575	*1.575*	*4.685*	*3.740*	*3.740*	*1.890*	*1.890*	*.984*	*.984*	*3.858*	*3.921*	*3.921*	*1160*		

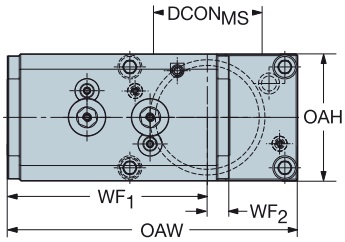
R = Right hand, L = Left hand

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CNSC CXSC I38
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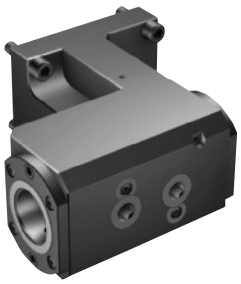
Manual clamping unit for Mori Seiki machines

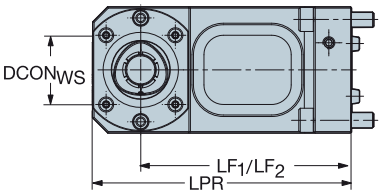


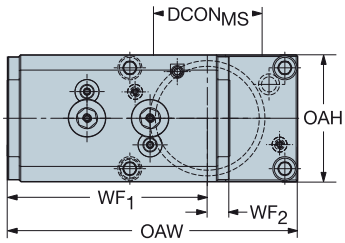




CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF$_1$	LF$_2$	WF$_1$	WF$_2$	HF$_1$	HF$_2$	OAW	OAH	CP Bar/PSI	Nm	Kg
MS40A	C4	7	2	**C4-TR/LI-MS40A-DT**	40	40	124	100	100	68	68	0	0	136	78	80	50	9.0
					1.575	*1.575*	*4.882*	*3.937*	*3.937*	*2.677*	*2.677*	*.000*	*.000*	*5.354*	*3.071*	*1160*		
MS60A	C5	7	2	**C5-TR/LI-MS60A-DT**	60	50	122	90	90	93	93	0	0	158	108	80	70	9.9
					2.362	*1.969*	*4.803*	*3.543*	*3.543*	*3.661*	*3.661*	*.000*	*.000*	*6.220*	*4.252*	*1160*		







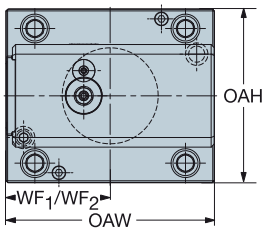
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF$_1$	LF$_2$	WF$_1$	WF$_2$	HF$_1$	HF$_2$	OAW	OAH	CP Bar/PSI	Nm	Kg
MS60A	C5	7	2	**C5-TR/LI-MS60A-DE**	60	50	152	120	120	65	93	0	0	158	108	80	70	12.0
					2.362	*1.969*	*5.984*	*4.724*	*4.724*	*2.559*	*3.661*	*.000*	*.000*	*6.220*	*4.252*	*1160*		

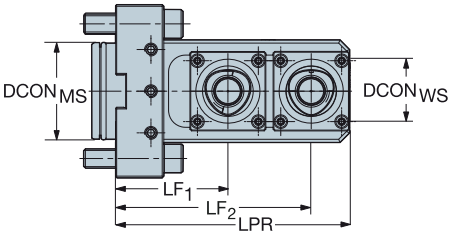
R = Right hand, L = Left hand

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Manual clamping unit for Mori Seiki machines







					Dimensions, mm, inch														
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LPR	LF_1	LF_2	WF_1	WF_2	HF_1	HF_2	OAW	OAH	CP Bar/PSI	Nm	Kg
MS60A	C4	7	2	**C4-TR/LI-MS60A-XT**	60	40	146	70	122	65	65	0	0	130	108	80	50	10.4
					2.362	*1.575*	*5.748*	*2.756*	*4.803*	*2.559*	*2.559*	*.000*	*.000*	*5.118*	*4.252*	*1160*		

R = Right hand, L = Left hand

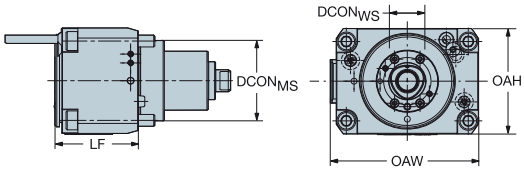
ISO 13399 I1

CNSC CXSC I38

C3 – D C I37

Driven tool holder for Mori Seiki machines





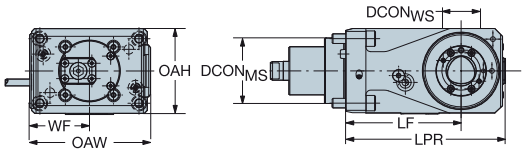
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP Bar/PSI	Nm	Kg
MS40A	C3	7	1	**C3-DNE-MS40A-I**	40	32	64	0	0	96	80	6000	40	80	25	3.5
					1.575	*1.260*	*2.520*	*.000*	*.000*	*3.780*	*3.169*		*29.503*	*1160*		
	C4	7	6	**C4-DNE-MS40A-E**	40	40	58	0	0	96	86	6000	40	80	40	3.0
					1.575	*1.575*	*2.283*	*.000*	*.000*	*3.780*	*3.406*		*29.503*	*1160*		
MS60A	C4	7	6	**C4-DNE-MS60A-E**	60	40	65	0	0	130	108	6000	80	80	40	6.5
					2.362	*1.575*	*2.559*	*.000*	*.000*	*5.118*	*4.252*		*59.005*	*1160*		
		7	1	**C4-DNE-MS60A-I**	60	40	92	0	0	130	108	6000	80	80	40	9.2
					2.362	*1.575*	*3.622*	*.000*	*.000*	*5.118*	*4.252*		*59.005*	*1160*		
	C5	7	1	**C5-DNE-MS60A-E**	60	50	69	0	0	130	108	6000	80	80	60	6.5
					2.362	*1.969*	*2.736*	*.000*	*.000*	*5.118*	*4.252*		*59.005*	*1160*		
MS75A	C5	7	6	**C5-DNE-MS75A-E**	75	50	70	0	0	155	138	3500	150	80	60	10.2
					2.953	*1.969*	*2.756*	*.000*	*.000*	*6.102*	*5.433*		*110.634*	*1160*		
		7	1	**C5-DNE-MS75A-I**	75	50	70	0	0	155	138	3500	150	80	60	10.5
					2.953	*1.969*	*2.756*	*.000*	*.000*	*6.102*	*5.433*		*110.634*	*1160*		
MS110A	C6	7	6	**C6-DNE-MS110A-E**	110	63	85	0	0	220	158	3500	240	80	75	19.7
					4.331	*2.480*	*3.346*	*.000*	*.000*	*8.661*	*6.220*		*177.015*	*1160*		
		7	1	**C6-DNE-MS110A-I**	110	63	85	0	0	220	158	3500	240	80	75	20.9
					4.331	*2.480*	*3.346*	*.000*	*.000*	*8.661*	*6.220*		*177.015*	*1160*		

E = External coolant
I = Internal coolant

ISO 13399 I1 CNSC CXSC I38 C3 – D C I37

Driven tool holder for Mori Seiki machines





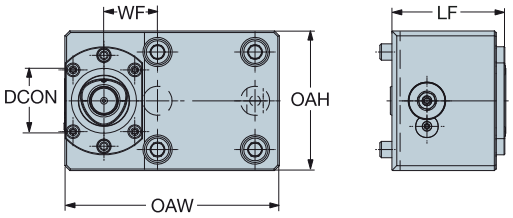
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LPR	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP Bar/PSI	Nm	Kg
MS40A	C4	7	6	**C4-DNI-MS40A-E**	40	40	125	85	65	0	130	80	6000	63	80	40	6.5
					1.575	*1.575*	*4.921*	*3.346*	*2.559*	*.000*	*5.134*	*3.150*		*46.466*	*1160*		
		7	1	**C4-DNI-MS40A-I**	40	40	125	85	65	0	134	80	6000	63	80	40	6.7
					1.575	*1.575*	*4.921*	*3.346*	*2.559*	*.000*	*5.307*	*3.150*		*46.466*	*1160*		
MS60A	C4	7	6	**C4-DNI-MS60A-E**	60	40	136	90	60	0	130	108	6000	80	80	40	13.0
					2.362	*1.575*	*5.354*	*3.543*	*2.362*	*.000*	*5.118*	*4.252*		*59.005*	*1160*		
		7	1	**C4-DNI-MS60A-I**	60	40	136	90	60	0	133	108	6000	80	80	40	12.0
					2.362	*1.575*	*5.354*	*3.543*	*2.362*	*.000*	*5.236*	*4.252*		*59.005*	*1160*		
	C5	7	6	**C5-DNI-MS60A-E**	60	50	136	90	60	0	130	108	6000	80	80	60	12.0
					2.362	*1.969*	*5.354*	*3.543*	*2.362*	*.000*	*5.118*	*4.252*		*59.005*	*1160*		
		7	1	**C5-DNI-MS60A-I**	60	50	136	90	60	0	133	108	6000	80	80	60	12.0
					2.362	*1.969*	*5.354*	*3.543*	*2.362*	*.000*	*5.236*	*4.252*		*59.005*	*1160*		
MS75A	C5	7	6	**C5-DNI-MS75A-E**	75	50	161	105	105	0	205	136	3500	150	80	60	26.2
					2.953	*1.969*	*6.339*	*4.134*	*4.134*	*.000*	*8.071*	*5.354*		*110.634*	*1160*		
		7	1	**C5-DNI-MS75A-I**	75	50	161	105	105	0	209	136	3500	150	80	60	27.0
					2.953	*1.969*	*6.339*	*4.134*	*4.134*	*.000*	*8.228*	*5.354*		*110.634*	*1160*		
MS110A	C6	7	6	**C6-DNI-MS110A-E**	110	63	160	100	105	0	220	158	3500	240	80	75	34.7
					4.331	*2.480*	*6.299*	*3.937*	*4.134*	*.000*	*8.661*	*6.220*		*177.015*	*1160*		
		7	1	**C6-DNI-MS110A-I**	110	63	160	100	105	0	220	158	3500	240	80	75	35.2
					4.331	*2.480*	*6.299*	*3.937*	*4.134*	*.000*	*8.661*	*6.220*		*177.015*	*1160*		

E = External coolant
I = Internal coolant

ISO 13399 I1 CNSC CXSC I38 C3 - DC I37

Manual clamping unit for Murata machines





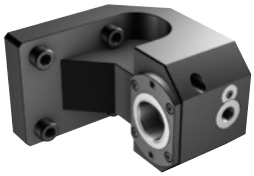
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
MA-A	C4	7	2	**C4-TR/LE-MA-A**	40	65	33	0	132	86	80	50	5.2
					1.575	*2.559*	*1.299*	*.000*	*5.197*	*3.386*	*1160*		
MA-B	C4	7	2	**C4-TR/LE-MA-B**	40	80	33	0	182	102	80	50	7.4
					1.575	*3.150*	*1.299*	*.000*	*7.165*	*4.016*	*1160*		

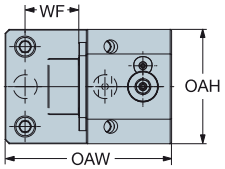
R = Right hand, L = Left hand

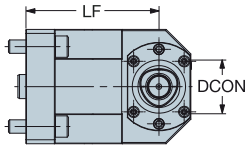
ISO 13399 I1

CNSC CXSC I38

Manual clamping unit for Murata machines







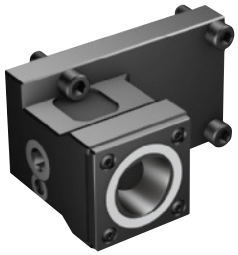
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
MA-A	C4	7	2	**C4-TR/LI-MA-A**	40	100	40	0	125	86	80	50	5.0
					1.575	*3.937*	*1.575*	*.000*	*4.921*	*3.386*	*1160*		
MA-B	C4	7	2	**C4-TR/LI-MA-B**	40	130	45	0	140	102	80	50	10.0
					1.575	*5.118*	*1.772*	*.000*	*5.512*	*4.016*	*1160*		

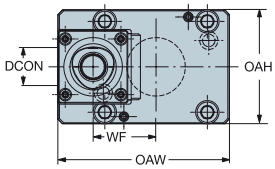
R = Right hand, L = Left hand

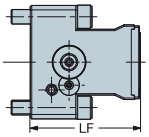
ISO 13399 I1

CNSC CXSC I38

Manual clamping unit for Nakamura Tome machines

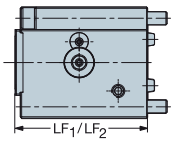


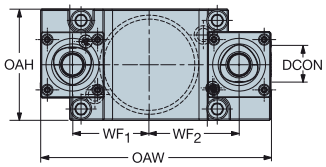




CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
NA55A	C4	7	2	**C4-TR/LE-NA55A**	40	50	50	25	0	129	84	80	50	3.4
					1.575	*1.969*	*1.969*	*.984*	*.000*	*5.079*	*3.307*	*1160*		
NA65A	C4	7	2	**C4-TR/LE-NA65A**	40	50	50	25	0	149	96	80	50	6.0
					1.575	*1.969*	*1.969*	*.984*	*.000*	*5.866*	*3.780*	*1160*		
NA75A	C5	7	2	**C5-TR/LE-NA75A**	50	80	80	72	0	109	110	80	70	5.2
					1.969	*3.150*	*3.150*	*2.835*	*.000*	*4.291*	*4.331*	*1160*		







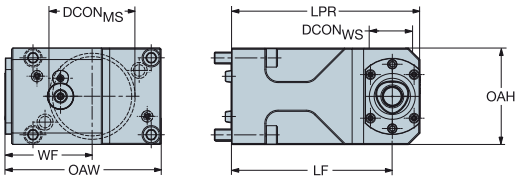
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF_1	LF_2	WF_1	WF_2	HF_1	HF_2	OAW	OAH	CP Bar/PSI	Nm	Kg
NA55A	C4	7	2	**C4-TR/LE-NA55A-DT**	40	50	50	25	105	0	0	178	84	80	50	5.2
					1.575	*1.969*	*1.969*	*.984*	*4.134*	*.000*	*.000*	*7.008*	*3.307*	*1160*		
NA65A	C4	7	2	**C4-TR/LE-NA65A-DT**	40	50	50	25	125	0	0	198	96	80	50	7.7
					1.575	*1.969*	*1.969*	*.984*	*4.921*	*.000*	*.000*	*7.795*	*3.780*	*1160*		

R = Right hand, L = Left hand

ISO 13399 I1 CNSC CXSC I38 C3 - D C I37

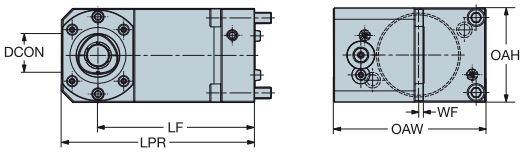
Manual clamping unit for Nakamura Tome machines





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
NA55A	C4	7	2	**C4-TR/LI-NA55A**	40	99	75	25	0	96	84	80	50	4.5
					1.575	*3.898*	*2.953*	*.984*	*.000*	*3.780*	*3.307*	*1160*		
NA65A	C4	7	2	**C4-TR/LI-NA65A**	40	114	90	10	0	98	94	80	50	6.0
					1.575	*4.488*	*3.543*	*.394*	*.000*	*3.858*	*3.701*	*1160*		
NA75A	C5	7	2	**C5-TR/LI-NA75A**	50	137	105	110	0	110	110	80	70	11.6
					1.969	*5.394*	*4.134*	*4.331*	*.000*	*4.331*	*4.331*	*1160*		





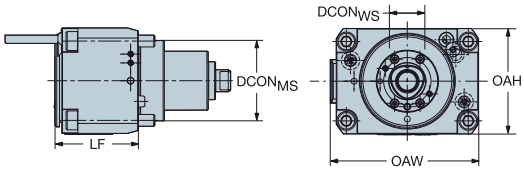
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
NA65A	C4	7	2	**C4-TR/LI-NA65A-SS**	40	114	90	45	0	116	94	80	50	3.9
					1.575	*4.488*	*3.543*	*1.772*	*.000*	*4.567*	*3.701*	*1160*		

R = Right hand, L = Left hand

ISO 13399 I1 CNSC CXSC I38 C3 – D C I37

Driven tool holder for Nakamura Tome machines





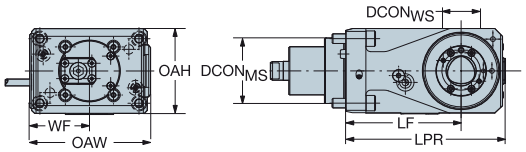
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP Bar/PSI	Nm	Kg
NA55A	C3	7	6	**C3-DNE-NA55A-E**	55	32	55	0	0	79	84	6000	40	80	25	3.0
					2.165	*1.260*	*2.165*	*.000*	*.000*	*3.110*	*3.307*		*29.503*	*1160*		
		7	1	**C3-DNE-NA55A-I**	55	32	55	0	0	79	84	6000	40	80	25	3.2
					2.165	*1.260*	*2.165*	*.000*	*.000*	*3.110*	*3.307*		*29.503*	*1160*		
NA65A	C4	7	6	**C4-DNE-NA65A-E**	65	40	53	0	0	100	96	6000	80	80	40	4.6
					2.559	*1.575*	*2.106*	*.000*	*.000*	*3.937*	*3.780*		*59.005*	*1160*		
		7	1	**C4-DNE-NA65A-I**	65	40	53	0	0	100	96	6000	80	80	40	4.7
					2.559	*1.575*	*2.106*	*.000*	*.000*	*3.937*	*3.780*		*59.005*	*1160*		
NA75A	C5	7	6	**C5-DNE-NA75A-E**	75	50	68	0	0	100	115	4000	100	80	60	6.5
					2.953	*1.969*	*2.677*	*.000*	*.000*	*3.937*	*4.528*		*73.756*	*1160*		
		7	1	**C5-DNE-NA75A-I**	75	50	68	0	0	100	115	4000	100	80	60	6.9
					2.953	*1.969*	*2.677*	*.000*	*.000*	*3.937*	*4.528*		*73.756*	*1160*		

E = External coolant
I = Internal coolant

ISO 13399 I1
CNSC CXSC I38
C3 – D C I37

Driven tool holder for Nakamura Tome machines



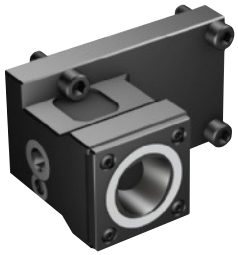


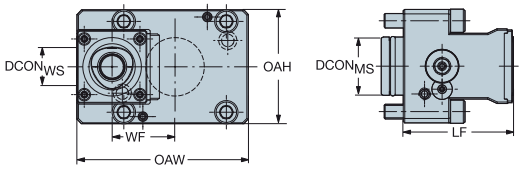
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LPR	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP Bar/PSI	Nm	Kg
NA55A	C3	7	6	**C3-DNI-NA55A-E**	55	32	100	65	50	0	99	84	6000	40	80	25	4.6
					2.165	*1.260*	*3.937*	*2.559*	*1.969*	*.000*	*3.898*	*3.307*		*29.503*	*1160*		
		7	1	**C3-DNI-NA55A-I**	55	32	100	65	50	0	104	84	6000	40	80	25	4.8
					2.165	*1.260*	*3.937*	*2.559*	*1.969*	*.000*	*4.094*	*3.307*		*29.503*	*1160*		
NA65A	C4	7	6	**C4-DNI-NA65A-E**	65	40	105	65	68	0	130	96	6000	80	80	40	7.3
					2.559	*1.575*	*4.134*	*2.559*	*2.677*	*.000*	*5.134*	*3.780*		*59.005*	*1160*		
		7	1	**C4-DNI-NA65A-I**	65	40	105	65	68	0	134	96	6000	80	80	40	7.5
					2.559	*1.575*	*4.134*	*2.559*	*2.677*	*.000*	*5.307*	*3.780*		*59.005*	*1160*		
NA75A	C5	7	6	**C5-DNI-NA75A-E**	75	50	147	100	65	0	129	115	4000	100	80	60	14.0
					2.953	*1.969*	*5.787*	*3.937*	*2.559*	*.000*	*5.079*	*4.528*		*73.756*	*1160*		
		7	1	**C5-DNI-NA75A-I**	75	50	147	100	65	0	133	115	4000	100	80	60	14.2
					2.953	*1.969*	*5.787*	*3.937*	*2.559*	*.000*	*5.236*	*4.528*		*73.756*	*1160*		

E = External coolant
I = Internal coolant

ISO 13399 I1 CNSC CXSC I38 C3 - D C I37

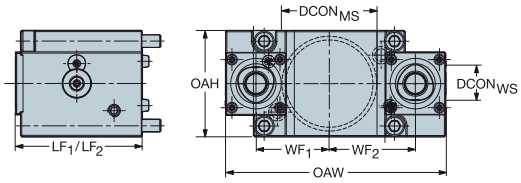
Manual clamping unit for Okuma machines





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
OK55A	C4	7	2	**C4-TR/LE-OK55A**	55	40	50	67	0	141	86	80	50	2.2
					2.165	*1.575*	*1.969*	*2.638*	*.000*	*5.551*	*3.386*	*1160*		





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF$_1$	LF$_2$	WF$_1$	WF$_2$	HF$_1$	HF$_2$	OAW	OAH	CP Bar/PSI	Nm	Kg
OK55A	C4	7	2	**C4-TR/LE-OK55A-DT**	55	40	50	50	67	67	0	0	182	86	80	50	5.9
					2.165	*1.575*	*1.969*	*1.969*	*2.638*	*2.638*	*.000*	*.000*	*7.165*	*3.386*	*1160*		

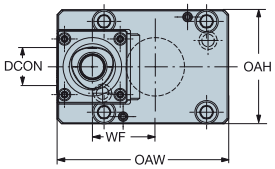
R = Right hand, L = Left hand

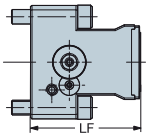
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Manual clamping unit for Okuma machines

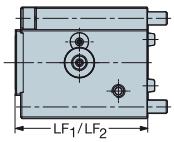


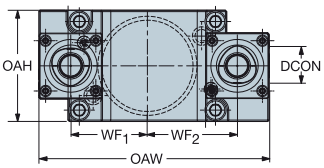




CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
OK60A	C4	7	2	C4-TR/LE-OK60A	40	70	6	0	130	95	80	50	4.6
					1.575	*2.756*	*.236*	*.000*	*5.118*	*3.740*	*1160*		
OK60B	C5	7	2	C5-TR/LE-OK60B	50	75	18	0	160	100	80	70	6.2
					1.969	*2.953*	*.709*	*.000*	*6.299*	*3.937*	*1160*		







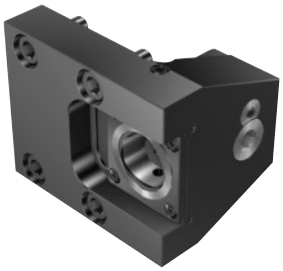
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF_1	LF_2	WF_1	WF_2	HF_1	HF_2	OAW	OAH	CP Bar/PSI	Nm	Kg
OK60A	C4	7	2	C4-TR/LE-OK60A-DT	40	70	70	6	106	0	0	160	95	80	50	7.4
					1.575	*2.756*	*2.756*	*.236*	*4.173*	*.000*	*.000*	*6.299*	*3.740*	*1160*		

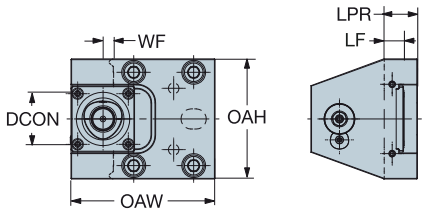
R = Right hand, L = Left hand

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Manual clamping unit for Okuma machines

Cx-TR/LE-OK-X (1)

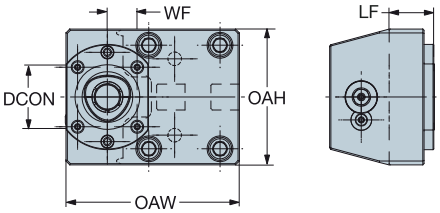




CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
OK-A	C4	7	2	**C4-TR/LE-OK-A**	40	25	15	8	0	108	90	80	50	2.6
					1.575	*.984*	*.591*	*.315*	*.000*	*4.252*	*3.543*	*1160*		

Cx-TR/LE-OK-X (2)





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
OK-A	C5	7	2	**C5-TR/LE-OK-A**	50	30	25	0	133	90	80	70	3.9
					1.969	*1.181*	*.984*	*.000*	*5.236*	*3.543*	*1160*		
OK-B	C4	7	2	**C4-TR/LE-OK-B**	40	15	8	0	109	102	80	50	3.0
					1.575	*.591*	*.315*	*.000*	*4.291*	*4.016*	*1160*		
	C5	7	2	**C5-TR/LE-OK-B**	50	15	30	0	139	102	80	70	6.2
					1.969	*.591*	*1.181*	*.000*	*5.472*	*4.016*	*1160*		
OK-E	C5	7	2	**C5-TR/LE-OK-E**	50	25	50	0	195	120	80	70	8.0
					1.969	*.984*	*1.969*	*.000*	*7.677*	*4.724*	*1160*		
OK-F	C5	7	2	**C5-TR/LE-OK-F**	50	55	45	0	190	140	80	70	9.8
					1.969	*2.165*	*1.772*	*.000*	*7.480*	*5.512*	*1160*		

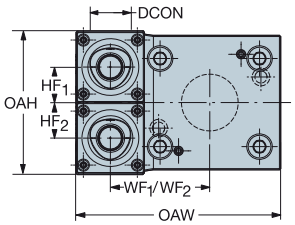
R = Right hand, L = Left hand

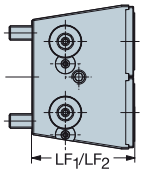
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Manual clamping unit for Okuma machines







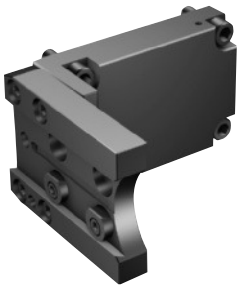
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF$_1$	LF$_2$	WF$_1$	WF$_2$	HF$_1$	HF$_2$	OAW	OAH	CP Bar/PSI	Nm	Kg
OK60A	C4	7	2	**C4-TR/LE-OK60A-YT**	40	65	65	25	25	26	26	149	103	80	50	4.8
					1.575	*2.559*	*2.559*	*.984*	*.984*	*1.024*	*1.024*	*5.866*	*4.055*	*1160*		
OK60B	C5	7	2	**C5-TR/LE-OK60B-YT**	50	73	73	28	28	32	32	170	128	80	70	6.9
					1.969	*2.874*	*2.874*	*1.102*	*1.102*	*1.260*	*1.260*	*6.693*	*5.039*	*1160*		

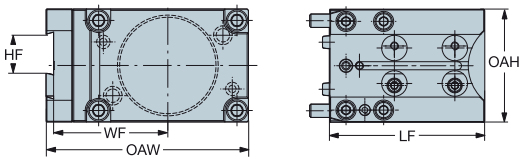
R = Right hand, L = Left hand

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Okuma turret interface to blade adaptor





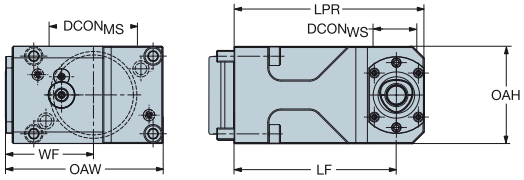
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch LF	WF	HF	OAW	OAH	CP Bar/PSI	Kg
OK60A	25	7	2	**APB-TNE-OK60A-25**	77	26	25	131	100	80	2.8
					3.032	*1.024*	*.984*	*5.157*	*3.937*	*1160*	

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Manual clamping unit for Okuma machines





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
OK55A	C4	1	2	**C4-TR/LI-OK55A**	55	40	109	85	70	0	128	86	80	50	6.0
					2.165	*1.575*	*4.291*	*3.346*	*2.756*	*.000*	*5.039*	*3.386*	*1160*		

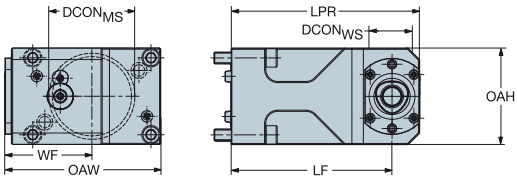
R = Right hand, L = Left hand

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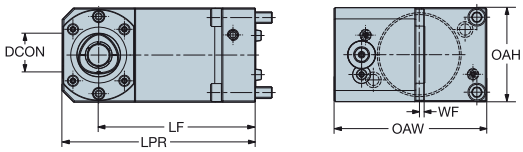
Manual clamping unit for Okuma machines





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
OK60A	C4	1	2	C4-TR/LI-OK60A	40	114	90	17	0	117	95	80	50	5.8
					1.575	*4.488*	*3.543*	*.689*	*.000*	*4.626*	*3.740*	*1160*		
OK60B	C5	1	2	C5-TR/LI-OK60B	50	122	90	19	0	129	100	80	70	7.7
					1.969	*4.803*	*3.543*	*.748*	*.000*	*5.079*	*3.937*	*1160*		
OK60C	C4	1	2	C4-TR/LI-OK60C	40	134	110	17	0	117	95	80	50	6.6
					1.575	*5.276*	*4.331*	*.689*	*.000*	*4.626*	*3.740*	*1160*		



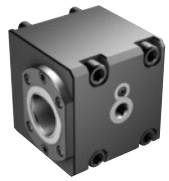


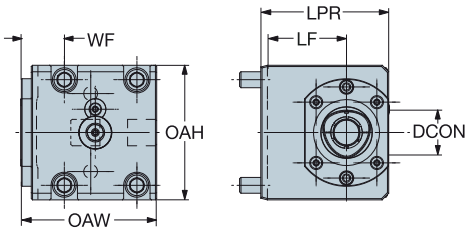
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
OK60A	C4	7	2	C4-TR/LI-OK60A-SS	40	114	90	60	0	110	95	80	50	5.2
					1.575	*4.488*	*3.543*	*2.362*	*.000*	*4.331*	*3.740*	*1160*		

R = Right hand, L = Left hand

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Manual clamping unit for Okuma machines





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
OK-A	C4	7	2	**C4-TR/LI-OK-A**	40	49	25	11	0	87	90	80	50	2.5
					1.575	*1.929*	*.984*	*.433*	*.000*	*3.425*	*3.543*	*1160*		
	C5	7	2	**C5-TR/LI-OK-A**	50	67	35	16	0	92	90	80	70	3.7
					1.969	*2.638*	*1.378*	*.630*	*.000*	*3.622*	*3.543*	*1160*		
OK-B	C5	7	2	**C5-TR/LI-OK-B**	50	72	40	14	0	94	102	80	70	4.6
					1.969	*2.835*	*1.575*	*.551*	*.000*	*3.701*	*4.016*	*1160*		
OK-E	C5	7	2	**C5-TR/LI-OK-E**	50	77	40	16	0	129	120	80	70	11.3
					1.969	*3.032*	*1.575*	*.630*	*.000*	*5.079*	*4.724*	*1160*		
OK-F	C6	7	2	**C6-TR/LI-OK-F**	63	97	50	18	0	131	140	80	90	14.0
					2.480	*3.819*	*1.969*	*.709*	*.000*	*5.157*	*5.512*	*1160*		

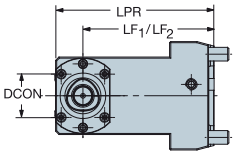
R = Right hand, L = Left hand

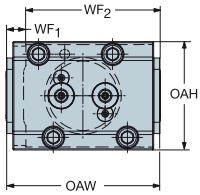
C5-TR/LI-OK-B does not fit Okuma LB4000EX machines

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CNSC CXSC I38

Manual clamping unit for Okuma machines







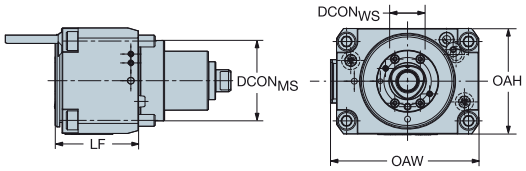
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF_1	LF_2	WF_1	WF_2	HF_1	HF_2	OAW	OAH	CP Bar/PSI	Nm	Kg
OK60C	C4	7	1	**C4-TR/LI-OK60C-DT**	40	134	110	110	17	118	0	0	135	95	80	50	9.0
					1.575	*5.276*	*4.331*	*4.331*	*.689*	*4.646*	*.000*	*.000*	*5.335*	*3.740*	*1160*		

R = Right hand, L = Left hand

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Driven tool holder for Okuma machines





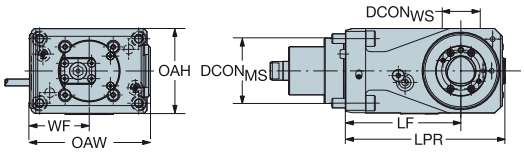
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP Bar/PSI	Nm	Kg
OK55A	C3	7	6	**C3-DNE-OK55A-E**	55	32	59	0	0	100	86	6000	40	80	25	4.1
					2.165	*1.260*	*2.323*	*.000*	*.000*	*3.937*	*3.386*		*29.503*	*1160*		
		7	1	**C3-DNE-OK55A-I**	55	32	54	0	0	100	86	6000	40	80	25	4.1
					2.165	*1.260*	*2.126*	*.000*	*.000*	*3.937*	*3.386*		*29.503*	*1160*		
OK60A	C4	7	6	**C4-DNE-OK60A-E**	60	40	54	0	0	120	97	6000	80	80	40	4.6
					2.362	*1.575*	*2.146*	*.000*	*.000*	*4.724*	*3.819*		*59.005*	*1160*		
		7	1	**C4-DNE-OK60A-I**	60	40	60	0	0	120	97	6000	80	80	40	4.9
					2.362	*1.575*	*2.362*	*.000*	*.000*	*4.724*	*3.819*		*59.005*	*1160*		
OK60B	C4	7	6	**C4-DNE-OK60B-E**	60	40	58	0	0	130	110	6000	100	80	40	6.1
					2.362	*1.575*	*2.283*	*.000*	*.000*	*5.118*	*4.331*		*73.756*	*1160*		
		7	1	**C4-DNE-OK60B-I**	60	40	58	0	0	130	110	6000	100	80	40	6.1
					2.362	*1.575*	*2.283*	*.000*	*.000*	*5.118*	*4.331*		*73.756*	*1160*		
OK60C	C4	7	6	**C4-DNE-OK60C-E**	60	40	54	0	0	120	97	6000	80	80	40	4.9
					2.362	*1.575*	*2.146*	*.000*	*.000*	*4.724*	*3.819*		*59.005*	*1160*		
		7	1	**C4-DNE-OK60C-I**	60	40	54	0	0	120	97	6000	80	80	40	5.0
					2.362	*1.575*	*2.146*	*.000*	*.000*	*4.724*	*3.819*		*59.005*	*1160*		

E = External coolant
I = Internal coolant

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Driven tool holder for Okuma machines





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP Bar/PSI	Nm	Kg
OK55A	C3	7	6	**C3-DNI-OK55A-E**	55	32	99	65	67	0	125	86	6000	40	80	25	6.8
					2.165	*1.260*	*3.898*	*2.559*	*2.638*	*.000*	*4.921*	*3.386*		*29.503*	*1160*		
		7	1	**C3-DNI-OK55A-I**	55	32	99	65	67	0	126	86	6000	40	80	25	6.9
					2.165	*1.260*	*3.898*	*2.559*	*2.638*	*.000*	*4.961*	*3.386*		*29.503*	*1160*		
OK60A	C4	7	6	**C4-DNI-OK60A-E**	60	40	111	70	85	0	143	98	6000	80	80	40	9.3
					2.362	*1.575*	*4.370*	*2.756*	*3.346*	*.000*	*5.630*	*3.858*		*59.005*	*1160*		
		7	1	**C4-DNI-OK60A-I**	60	40	111	70	85	0	143	98	6000	80	80	40	9.4
					2.362	*1.575*	*4.370*	*2.756*	*3.346*	*.000*	*5.630*	*3.858*		*59.005*	*1160*		
OK60B	C4	7	6	**C4-DNI-OK60B-E**	60	40	131	85	87	0	150	98	6000	100	80	40	12.0
					2.362	*1.575*	*5.157*	*3.346*	*3.425*	*.000*	*5.906*	*3.858*		*73.756*	*1160*		
		7	1	**C4-DNI-OK60B-I**	60	40	131	85	87	0	150	98	6000	100	80	40	12.0
					2.362	*1.575*	*5.157*	*3.346*	*3.425*	*.000*	*5.906*	*3.858*		*73.756*	*1160*		
OK60C	C4	7	6	**C4-DNI-OK60C-E**	60	40	131	90	85	0	143	98	6000	80	80	40	11.7
					2.362	*1.575*	*5.157*	*3.543*	*3.346*	*.000*	*5.630*	*3.858*		*59.005*	*1160*		
		7	1	**C4-DNI-OK60C-I**	60	40	131	90	85	0	143	98	6000	80	80	40	11.8
					2.362	*1.575*	*5.157*	*3.543*	*3.346*	*.000*	*5.630*	*3.858*		*59.005*	*1160*		

E = External coolant
I = Internal coolant

ISO 13399 I1 CNSC CXSC I38 C3 – D C I37

Machine side interface		Adaptors				
		 SilentTools® **CoroTurn® SL for internal use Dampened boring bars**	 **CoroTurn® SL for internal use Solid boring bars**	 **CoroTurn® SL for external use**	 **Rectangular shank**	
Coromant Capto®	Page	G27	G23	G9	G34	
HSK	Page		G51	G52	G54	
Cylindrical shank	Page	G69	G65	G65		
Rectangular shank	Page		G61			
Sleeves – EasyFix	Page	H1	H1			
Sleeves – Cylindrical	Page	H8	H8			

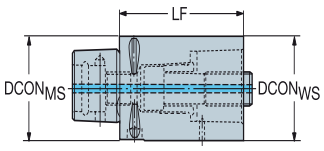
Machine side interface		Adaptors				
		 **Cylindrical shank with flats**	 **Blade**	 **Reduction adaptors**	 **Extension adaptors**	
Coromant Capto®	Page	G42	G45	G5	G3	
HSK	Page	G57	G58			
Cylindrical shank	Page					
Rectangular shank	Page					
Sleeves – EasyFix	Page					
Sleeves – Cylindrical	Page					

Machine side interface		Adaptors				
		 **CoroTurn® XS adaptor**	 **CoroCut® MB adaptor**			
Coromant Capto®	Page	G44				
HSK	Page					
Cylindrical shank	Page	G80	G78			
Rectangular shank	Page	G59	G63			
Sleeves – EasyFix	Page					
Sleeves – Cylindrical	Page					

Coromant Capto® extension adaptor



DSGN 1



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	CP Bar	Kg
C3	C3	1	1	1	**C3-391.01-32 060A**	32	32	60	80	0.3
						1.260	*1.260*	*2.362*		
C3	C3	1	1	1	**C3-391.01-32 080A**	32	32	80	80	0.5
						1.260	*1.260*	*3.150*		
C4	C4	1	1	1	**C4-391.01-40 060A**	40	40	60	80	0.5
						1.575	*1.575*	*2.362*		
C4	C4	1	1	1	**C4-391.01-40 080A**	40	40	80	80	0.7
						1.575	*1.575*	*3.150*		
C5	C5	1	1	1	**C5-391.01-50 080A**	50	50	80	80	1.1
						1.969	*1.969*	*3.150*		
C5	C5	1	1	1	**C5-391.01-50 100A**	50	50	100	80	1.3
						1.969	*1.969*	*3.937*		
C6	C6	1	1	1	**C6-391.01-63 100A**	63	63	100	80	2.3
						2.480	*2.480*	*3.937*		
C6	C6	1	1	1	**C6-391.01-63 140A**	63	63	140	80	3.3
						2.480	*2.480*	*5.512*		
C8	C8	1	1	1	**C8-391.01-80 100A**	80	80	100	80	3.4
						3.150	*3.150*	*3.937*		
C8	C8	1	1	1	**C8-391.01-80 125A**	80	80	125	80	4.6
						3.150	*3.150*	*4.921*		
C10	C10	1	1	1	**C10-391.01-100 140**	100	100	140	80	5.5
						3.937	*3.937*	*5.512*		

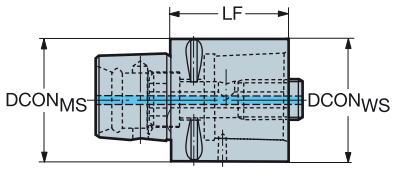
ISO 13399 I1 CNSC CXSC I38 I5

Coromant Capto® extension adaptor

Short version, for segment clamping only

DSGN 2





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	CP Bar	Kg
C3	C3	1	1	2	C3-391.01-32 035	32	32	35	80	0.2
						1.260	*1.260*	*1.378*		
C4	C4	1	1	2	C4-391.01-40 040	40	40	40	80	0.4
						1.575	*1.575*	*1.575*		
C5	C5	1	1	2	C5-391.01-50 050	50	50	50	80	0.9
						1.969	*1.969*	*1.969*		
C6	C6	1	1	2	C6-391.01-63 060	63	63	60	80	1.3
						2.480	*2.480*	*2.362*		
C8	C8	1	1	2	C8-391.01-80 065	80	80	65	80	2.4
						3.150	*3.150*	*2.559*		

Polygon 180 degrees rotated

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	CP Bar	Kg
C5	C5	1	1	1	C5-391.01R-50 050	50	50	50	80	0.7
						1.969	*1.969*	*1.969*		
C6	C6	1	1	1	C6-391.01R-63 060	63	63	60	80	1.4
						2.480	*2.480*	*2.362*		
C8	C8	1	1	1	C8-391.01R-80 065	80	80	65	80	2.4
						3.150	*3.150*	*2.559*		

Note!

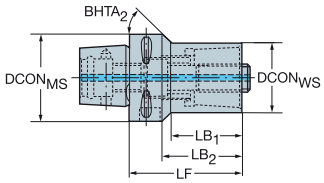
Not possible to use together with basic holders using centre bolt clamping.

ISO 13399 I1 CNSC CXSC I38 I5

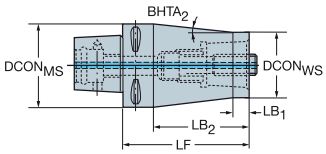
Coromant Capto® reduction adaptor



DSGN 7



7



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BHTA$_2$	CP Bar	CP PSI	Kg
C4	C3	1	1	7	**C4-391.02-32 055A**	40	32	55.0	31.0	35.0	45°	80		0.4
						1.575	*1.260*	*2.165*	*1.220*	*1.378*			*1160*	
	C3	1	1	7	**C4-391.02-32 070A**	40	32	70.0	12.0	50.0	6°	80		0.5
						1.575	*1.260*	*2.756*	*.472*	*1.969*			*1160*	
C5	C3	1	1	7	**C5-391.02-32 060A**	50	32	60.0	34.8	40.0	60°	80		0.6
						1.969	*1.260*	*2.362*	*1.370*	*1.575*			*1160*	
	C4	1	1	7	**C5-391.02-40 065A**	50	40	65.0	40.0	45.0	45°	80		0.7
						1.969	*1.575*	*2.559*	*1.575*	*1.772*			*1160*	
	C4	1	1	7	**C5-391.02-40 085A**	50	40	85.0	12.0	65.0	5°	80		1.1
						1.969	*1.575*	*3.346*	*.472*	*2.559*			*1160*	
C6	C3	1	1	7	**C6-391.02-32 070A**	63	32	70.0	39.0	48.0	60°	80		1.1
						2.480	*1.260*	*2.756*	*1.535*	*1.890*			*1160*	
	C4	1	1	7	**C6-391.02-40 080A**	63	40	80.0	51.4	58.0	60°	80		1.2
						2.480	*1.575*	*3.150*	*2.024*	*2.283*			*1160*	
	C5	1	1	7	**C6-391.02-50 080A**	63	50	80.0	51.5	58.0	45°	80		1.4
						2.480	*1.969*	*3.150*	*2.028*	*2.283*			*1160*	
	C5	1	1	7	**C6-391.02-50 110A**	63	50	110.0	12.0	88.0	5°	80		2.1
						2.480	*1.969*	*4.331*	*.472*	*3.465*			*1160*	
C8	C3	1	1	7	**C8-391.02-32 060A**	80	32	60.0	29.3	38.0	70°	80		1.7
						3.150	*1.260*	*2.362*	*1.154*	*1.496*			*1160*	
	C4	1	1	7	**C8-391.02-40 070A**	80	40	70.0	36.5	48.0	60°	80		1.9
						3.150	*1.575*	*2.756*	*1.437*	*1.890*			*1160*	
	C5	1	1	7	**C8-391.02-50 080A**	80	50	80.0	49.3	58.0	60°	80		2.3
						3.150	*1.969*	*3.150*	*1.941*	*2.283*			*1160*	
	C6	1	1	7	**C8-391.02-63 080A**	80	63	80.0	53.1	58.0	60°	80		2.3
						3.150	*2.480*	*3.150*	*2.091*	*2.283*			*1160*	
	C6	1	1	7	**C8-391.02-63 120A**	80	63	120.0	12.0	90.0	6°	80		4.0
						3.150	*2.480*	*4.724*	*.472*	*3.543*			*1160*	
C10	C6	1	1	7	**C10-391.02-63 095**	100	63	95.0	48.3	59.0	60°	80		3.1
						3.937	*2.480*	*3.740*	*1.902*	*2.323*			*1160*	
	C8	1	1	7	**C10-391.02-80 100**	100	80	100.0	58.2	64.0	60°	80		5.5
						3.937	*3.150*	*3.937*	*2.291*	*2.520*			*1160*	

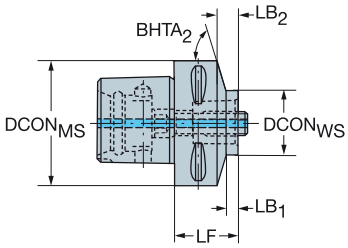
ISO 13399 I1 CNSC CXSC I38 I5

Coromant Capto® reduction adaptor

Short version, for segment clamping only



DSGN 7



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BHTA$_2$	CP Bar	CP PSI	Kg
C5	C3	1	1	7	**C5-391.02-32 033**	50	32	33.0	10.0	13.0	72°	80		0.5
						1.969	*1.260*	*1.299*	*.394*	*.512*			*1160*	
	C4	1	1	7	**C5-391.02-40 040**	50	40	40.0	18.0	20.0	68°	80		0.6
						1.969	*1.575*	*1.575*	*.709*	*.787*			*1160*	
C6	C3	1	1	7	**C6-391.02-32 032**	63	32	32.0	6.0	10.0	75°	80		0.9
						2.480	*1.260*	*1.260*	*.236*	*.394*			*1160*	
	C4	1	1	7	**C6-391.02-40 040**	63	40	40.0	11.0	18.0	58°	80		0.9
						2.480	*1.575*	*1.575*	*.433*	*.709*			*1160*	
	C5	1	1	7	**C6-391.02-50 050**	63	50	50.0	26.5	28.0	77°	80		1.0
						2.480	*1.969*	*1.969*	*1.043*	*1.102*			*1160*	
C8	C5	1	1	7	**C8-391.02-50 045**	80	50	45.0	10.0	15.5	70°	80		1.7
						3.150	*1.969*	*1.772*	*.394*	*.610*			*1160*	
	C6	1	1	7	**C8-391.02-63 055**	80	63	55.0	20.0	25.0	60°	80		2.0
						3.150	*2.480*	*2.165*	*.787*	*.984*			*1160*	
C10	C6	1	1	7	**C10-391.02-63 055**	100	63	55.0	14.0	19.0	75°	80		3.1
						3.937	*2.480*	*2.165*	*.551*	*.748*			*1160*	
	C8	1	1	7	**C10-391.02-80 065**	100	80	65.0	25.4	29.0	70°	80		3.1
						3.937	*3.150*	*2.559*	*1.000*	*1.142*			*1160*	

Polygon 180 degrees rotated

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BHTA$_2$	CP Bar	CP PSI	Kg
C8	C6	1	1	7	**C8-391.02R-63 055**	80	63	55.0	20.0	25.0	59°	80		2.1
						3.150	*2.480*	*2.165*	*.787*	*.984*			*1160*	

Note!

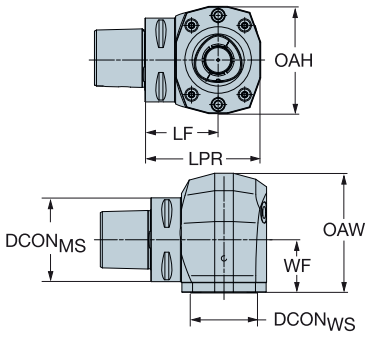
Not possible to use together with basic holders using centre bolt clamping.

ISO 13399 I1 CNSC CXSC I38 I5

SANDVIK Coromant

Coromant Capto® reduction adaptor





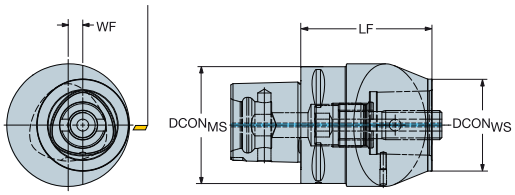
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	OAW	OAH	RADW	CNT	CP Bar/PSI	Kg
C5	C4	1	1	**C5-R/L-C4-L-44035**	50	40	68	44	35	0	79	66	35	M16X1.5	200	1.6
					1.969	*1.575*	*2.677*	*1.732*	*1.378*	*.000*	*3.110*	*2.598*	*1.378*		*2900*	
		1	1	**C5-R/L-C4-R-44035**	50	40	68	44	35	0	79	66	35	M16X1.5	200	1.6
					1.969	*1.575*	*2.677*	*1.732*	*1.378*	*.000*	*3.110*	*2.598*	*1.378*		*2900*	
C6	C5	1	1	**C6-R/L-C5-L-55040**	63	50	87	55	40	0	90	81	40	M20x2	200	3.1
					2.480	*1.969*	*3.425*	*2.165*	*1.575*	*.000*	*3.543*	*3.189*	*1.575*		*2900*	
		1	1	**C6-R/L-C5-R-55040**	63	50	87	55	40	0	90	81	40	M20x2	200	3.1
					2.480	*1.969*	*3.425*	*2.165*	*1.575*	*.000*	*3.543*	*3.189*	*1.575*		*2900*	
C8	C6	1	1	**C8-R/L-C6-L-72050**	80	63	106	69	50	0	109	104	50	M20x2	200	6.1
					3.150	*2.480*	*4.173*	*2.717*	*1.969*	*.000*	*4.291*	*4.114*	*1.969*		*2900*	
		1	1	**C8-R/L-C6-R-72050**	80	63	106	69	50	0	109	104	50	M20x2	200	6.1
					3.150	*2.480*	*4.173*	*2.717*	*1.969*	*.000*	*4.291*	*4.114*	*1.969*		*2900*	

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Coromant Capto® reduction adaptor

For segment clamping only





CZC$_{WS}$	CZC$_{MS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	WF	CP Bar	CP PSI	Kg
C6	C8	1	1	**C8-391.02-63 090R/L**	80	63	90.0	10	80		3.4
					3.150	*2.480*	*3.543*	*.394*		*1160*	
C8	C10	1	1	**C10-391.02-80 080R/L**	100	80	80.0	13	80		5.1
					3.937	*3.150*	*3.150*	*.512*		*1160*	

Note!

Not possible to use together with basic holders using centre bolt clamping.

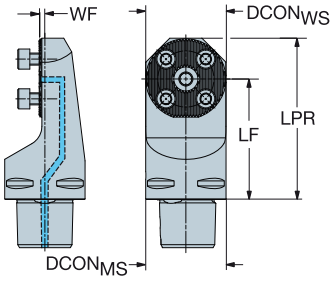
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CNSC CXSC I38

Coromant Capto® to CoroTurn® SL adaptor

For face grooving





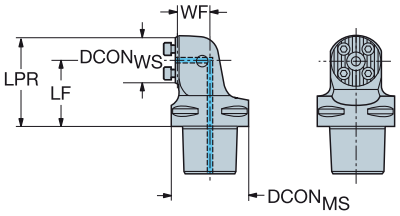
CZC MS	CZC WS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON MS	DCON WS	LPR	LF	WF	HF	RADW	CP Bar/PSI	Kg
C4	32	1	1	**C4-SL-32-60-R/LF**	40	32	76	60	6	0	6	80	0.5
					1.575	*1.260*	*3.004*	*2.362*	*.256*	*.000*	*.256*	*1160*	
	40	1	1	**C4-SL-40-60-R/LF**	40	40	80	60	2	0	2	80	0.5
					1.575	*1.575*	*3.161*	*2.362*	*.098*	*.000*	*.098*	*1160*	
C5	32	1	1	**C5-SL-32-75-R/LF**	50	32	91	75	11	0	11	80	0.9
					1.969	*1.260*	*3.594*	*2.953*	*.453*	*.000*	*.453*	*1160*	
	40	1	1	**C5-SL-40-75-R/LF**	50	40	95	75	7	0	7	80	0.9
					1.969	*1.575*	*3.752*	*2.953*	*.295*	*.000*	*.295*	*1160*	
C6	32	1	1	**C6-SL-32-90-R/LF**	63	32	106	90	16	0	16	80	1.5
					2.480	*1.260*	*4.185*	*3.543*	*.650*	*.000*	*.650*	*1160*	
	40	1	1	**C6-SL-40-90-R/LF**	63	40	110	90	12	0	12	80	1.5
					2.480	*1.575*	*4.343*	*3.543*	*.492*	*.000*	*.492*	*1160*	

R = Right hand, L = Left hand

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Coromant Capto® to CoroTurn® SL adaptor





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	RADW	CP Bar/PSI	Kg
C3	25	1	1	**C3-570-25-R/LF**	32	25	46	33	8	0	16	70	0.1
					1.260	*.984*	*1.823*	*1.319*	*.315*	*.000*	*.630*	*1015*	
C4	25	1	1	**C4-570-25-R/LF**	40	25	49	37	13	0	20	70	0.3
					1.575	*.984*	*1.961*	*1.457*	*.512*	*.000*	*.787*	*1015*	
	32	1	1	**C4-570-32-R/LF**	40	32	59	43	13	0	20	70	0.5
					1.575	*1.260*	*2.354*	*1.713*	*.512*	*.000*	*.787*	*1015*	
	40	1	1	**C4-570-40-R/LF**	40	40	68	48	13	0	20	70	0.6
					1.575	*1.575*	*2.709*	*1.909*	*.512*	*.000*	*.799*	*1015*	
C5	25	1	1	**C5-570-25-R/LF**	50	25	48	36	21	0	25	70	0.4
					1.969	*.984*	*1.921*	*1.417*	*.827*	*.000*	*.984*	*1015*	
	32	1	1	**C5-570-32-R/LF**	50	32	58	42	21	0	25	70	0.7
					1.969	*1.260*	*2.295*	*1.654*	*.827*	*.000*	*.984*	*1015*	
	40	1	1	**C5-570-40-R/LF**	50	40	66	46	21	0	25	70	0.8
					1.969	*1.575*	*2.610*	*1.811*	*.827*	*.000*	*.984*	*1015*	
C6	25	1	1	**C6-570-25-R/LF**	63	25	46	34	31	0	31	70	0.9
					2.480	*.984*	*1.843*	*1.339*	*1.220*	*.000*	*1.240*	*1015*	
	32	1	1	**C6-570-32-R/LF**	63	32	54	38	31	0	31	70	0.8
					2.480	*1.260*	*2.157*	*1.516*	*1.220*	*.000*	*1.240*	*1015*	
	40	1	1	**C6-570-40-R/LF**	63	40	62	42	31	0	31	70	1.1
					2.480	*1.575*	*2.472*	*1.673*	*1.220*	*.000*	*1.240*	*1015*	
C8	32	1	1	**C8-570-32-R/LF**	80	32	62	46	41	0	41	70	1.7
					3.150	*1.260*	*2.453*	*1.811*	*1.614*	*.000*	*1.614*	*1015*	
	40	1	0	**C8-570-40-R/LF**	80	40	70	50	41	0	41	70	2.4
					3.150	*1.575*	*2.768*	*1.969*	*1.614*	*.000*	*1.614*	*1015*	

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

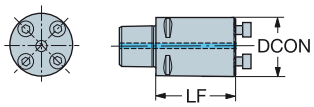
To correspond with coupling size, CZC$_{WS}$ for respective CoroCut® SL and T-Max Q-Cut® SL blades. Right 0° fits left hand blade, right 45° fits right hand blade. Left and right 90° fit both left and right hand blade. Neutral 90° fits both left and right hand blade.

ISO 13399 I1

CNSC CXSC I38

Coromant Capto® to CoroTurn® SL adaptor





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LF	WF	HF	CP Bar/PSI	Kg
C3	32	1	1	**C3-570-32-NG**	32	32	22	0	0	200	0.3
					1.260	*1.260*	*.866*	*.000*	*.000*	*2900*	
C4	32	1	1	**C4-570-32-NG**	40	32	32	0	0	200	0.3
					1.575	*1.260*	*1.260*	*.000*	*.000*	*2900*	
	40	1	1	**C4-570-40-NG**	40	40	32	0	0	200	0.1
					1.575	*1.575*	*1.260*	*.000*	*.000*	*2900*	
C5	40	1	1	**C5-570-40-NG**	50	40	42	0	0	200	0.5
					1.969	*1.575*	*1.654*	*.000*	*.000*	*2900*	
C6	40	1	1	**C6-570-40-NG**	63	40	47	0	0	200	1.1
					2.480	*1.575*	*1.850*	*.000*	*.000*	*2900*	

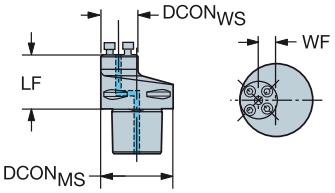
R = Right hand, L = Left hand

ISO 13399 I1

CNSC CXSC I38

Coromant Capto® to CoroTurn® SL adaptor





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	WF	HF	CP Bar/PSI	Kg
C5	32	1	1	**C5-570-32-R/LG**	50	32	42	9	0	200	0.6
					1.969	*1.260*	*1.654*	*.354*	*.000*	*2900*	
	40	1	1	**C5-570-40-R/LG**	50	40	40	11	0	200	0.1
					1.969	*1.575*	*1.575*	*.433*	*.000*	*2900*	
C6	32	1	1	**C6-570-32-R/LG**	63	32	47	15	0	200	1.0
					2.480	*1.260*	*1.850*	*.610*	*.000*	*2900*	
	40	1	1	**C6-570-40-R/LG**	63	40	45	21	0	200	0.1
					2.480	*1.575*	*1.772*	*.827*	*.000*	*2900*	
C8	32	1	1	**C8-570-32-R/LG**	80	32	62	24	0	200	1.8
					3.150	*1.260*	*2.441*	*.945*	*.000*	*2900*	
	40	1	1	**C8-570-40-R/LG**	80	40	62	20	0	200	2.0
					3.150	*1.575*	*2.441*	*.787*	*.000*	*2900*	
C10	40	1	1	**C10-570-40-R/LG**	100	40	78	30	0	200	4.0
					3.937	*1.575*	*3.071*	*1.181*	*.000*	*2900*	

R = Right hand, L = Left hand

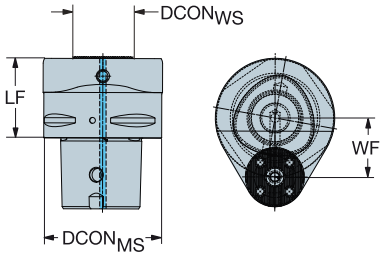
ISO 13399 I1

CNSC CXSC I38

Coromant Capto® to CoroTurn® SL adaptor

Machine specific design





Mazak

CZC MS	CZC WS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON MS	DCON WS	LF	WF	HF	CP Bar/PSI	Kg
C8	40	1	1	C8-570-40-LG-040-MZ	80	40	55	40	0	200	2.7
					3.150	*1.575*	*2.165*	*1.575*	*.000*	*2900*	

Mori Seiki - NT6600

CZC MS	CZC WS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON MS	DCON WS	LF	WF	HF	CP Bar/PSI	Kg
C8	40	1	1	C8-570-40-RG-040-MS	80	40	55	40	0	200	2.7
					3.150	*1.575*	*2.165*	*1.575*	*.000*	*2900*	

Adapted for vertical turning lathes

CZC MS	CZC WS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON MS	DCON WS	LF	WF	HF	CP Bar/PSI	Kg
C6	40	1	1	C6-570-40-RG-045	63	40	62	45	0	200	1.8
					2.480	*1.575*	*2.441*	*1.772*	*.000*	*2900*	

Okuma Multus B750
WFL M100, M120, M150

CZC MS	CZC WS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON MS	DCON WS	LF	WF	HF	CP Bar/PSI	Kg
C8	40	1	1	C8-570-40-LG-040	80	40	55	40	0	200	2.7
					3.150	*1.575*	*2.165*	*1.575*	*.000*	*2900*	

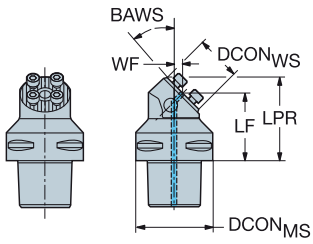
R = Right hand, L = Left hand

ISO 13399 I1
CNSC CXSC I38

Coromant Capto® to CoroTurn® SL adaptor



BAWS 45°



CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LPR	LF	WF	HF	CP Bar/PSI	Kg
C5	25	1	1	**C5-570-25-R/LX-045**	50	25	43	34	8	0	200	0.5
					1.969	*.984*	*1.693*	*1.358*	*.315*	*.000*	*2900*	
	32	1	1	**C5-570-32-R/LX-045**	50	32	45	34	6	0	200	0.5
					1.969	*1.260*	*1.772*	*1.339*	*.236*	*.000*	*2900*	
	40	1	1	**C5-570-40-R/LX-045-050**	50	40	64	50	8	0	200	0.7
					1.969	*1.575*	*2.520*	*1.969*	*.315*	*.000*	*2900*	
C6	25	1	1	**C6-570-25-R/LX-045**	63	25	45	36	14	0	200	0.7
					2.480	*.984*	*1.772*	*1.417*	*.571*	*.000*	*2900*	
	32	1	1	**C6-570-32-R/LX-045**	63	32	48	37	12	0	200	0.8
					2.480	*1.260*	*1.890*	*1.476*	*.492*	*.000*	*2900*	
	40	1	1	**C6-570-40-R/LX-045-060**	63	40	74	60	14	0	200	1.2
					2.480	*1.575*	*2.913*	*2.362*	*.571*	*.000*	*2900*	

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

To correspond with coupling size, CZC_{WS} for respective CoroCut® SL and T-Max Q-Cut® SL blades. Right 0° fits left hand blade, right 45° fits right hand blade. Left and right 90° fit both left and right hand blade. Neutral 90° fits both left and right hand blade.

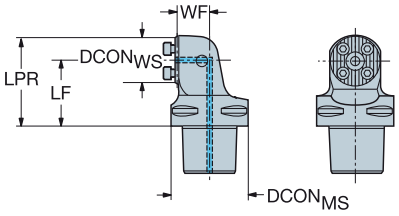
ISO 13399 I1

CNSC CXSC I38

Coromant Capto® to CoroTurn® SL adaptor

Coromant Capto® Short





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	RADW	CP Bar/PSI	Kg
C3	25	1	1	**C3-570-25-R/LF-T**	32	25	36	23	17	0	17	150	0.1
					1.260	*.984*	*1.429*	*.925*	*.669*	*.000*	*.681*	*2175*	
	32	1	1	**C3-570-32-R/LF-T**	32	32	43	27	17	0	17	150	0.2
					1.260	*1.260*	*1.705*	*1.063*	*.669*	*.000*	*.681*	*2175*	
C4	32	1	1	**C4-570-32-R/LF-T**	40	32	43	27	20	0	20	150	0.3
					1.575	*1.260*	*1.705*	*1.063*	*.787*	*.000*	*.799*	*2175*	
	40	1	1	**C4-570-40-R/LF-T**	40	40	51	31	20	0	20	150	0.5
					1.575	*1.575*	*2.020*	*1.220*	*.787*	*.000*	*.799*	*2175*	
C5	32	1	1	**C5-570-32-R/LF-T**	50	32	43	27	27	0	27	150	0.5
					1.969	*1.260*	*1.705*	*1.063*	*1.063*	*.000*	*1.075*	*2175*	
	40	1	1	**C5-570-40-R/LF-T**	50	40	51	31	27	0	27	150	0.7
					1.969	*1.575*	*2.020*	*1.220*	*1.063*	*.000*	*1.075*	*2175*	

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

To correspond with coupling size, CZC$_{WS}$ for respective CoroCut® SL and T-Max Q-Cut® SL blades. Right 0° fits left hand blade, right 45° fits right hand blade. Left and right 90° fit both left and right hand blade. Neutral 90° fits both left and right hand blade.

Note: For segment clamping only. Can't be used in basic holders and extension/ reductions. Not for automatic tool change. Has no gripper grooves.

ISO 13399 I1

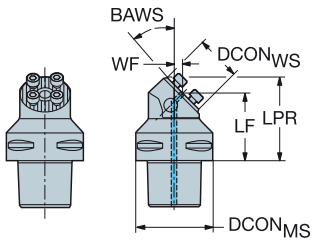
CNSC CXSC I38

Coromant Capto® to CoroTurn® SL adaptor

Coromant Capto® Short

BAWS 45°





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	CP Bar/PSI	Kg
C4	32	1	1	**C4-570-32-R/LX-045-T**	40	32	33	22	1	0	200	0.3
					1.575	*1.260*	*1.299*	*.866*	*.039*	*.000*	*2900*	

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

To correspond with coupling size, CZC$_{WS}$ for respective CoroCut® SL and T-Max Q-Cut® SL blades. Right 0° fits left hand blade, right 45° fits right hand blade. Left and right 90° fit both left and right hand blade. Neutral 90° fits both left and right hand blade.

Note: For segment clamping only. Can't be used in basic holders and extension/ reductions. Not for automatic tool change. Has no gripper grooves.

ISO 13399 I1

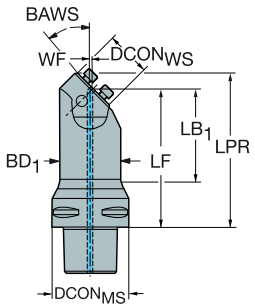
CNSC CXSC I38

Coromant Capto® to CoroTurn® SL adaptor

Long version



BAWS 45°



CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	BD1	LPR	LF	WF	HF	CP Bar/PSI	Kg
C5	32	1	1	**C5-570-32-RX-045-L1**	50	32	40	101	90	2	0	200	1.1
					1.969	*1.260*	*1.575*	*3.976*	*3.543*	*.079*	*.000*	*2900*	
C6	32	1	1	**C6-570-32-RX-045-L1**	63	32	45	111	100	2	0	200	1.7
					2.480	*1.260*	*1.772*	*4.370*	*3.937*	*.079*	*.000*	*2900*	
	40	1	1	**C6-570-40-RX-045-L1**	63	40	45	114	100	5	0	200	1.7
					2.480	*1.575*	*1.772*	*4.488*	*3.937*	*.197*	*.000*	*2900*	
C8	40	1	1	**C8-570-40-RX-045-L1**	80	40	50	149	135	5	0	200	3.3
					3.150	*1.575*	*1.969*	*5.866*	*5.315*	*.197*	*.000*	*2900*	

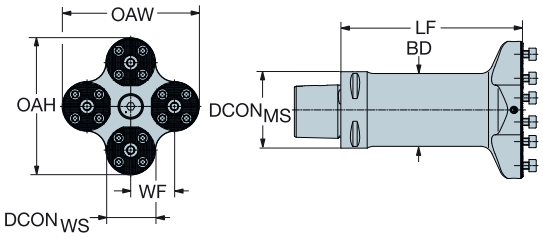
N = Neutral, R = Right hand, L = Left hand

To correspond with coupling size, CZC_{WS} for respective CoroCut® SL and T-Max Q-Cut® SL blades. Right 0° fits left hand blade, right 45° fits right hand blade. Left and right 90° fit both left and right hand blade. Neutral 90° fits both left and right hand blade.

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CNSC CXSC I38

Coromant Capto® miniturret for four CoroTurn® SL heads





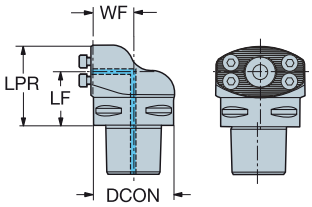
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	BD	LF	WF	HF	OAH	OAW	Kg
C5	32	1	1	**C5-4-SL32 093 125-AX**	50	32	48	125	30	0	93.0	93.0	2.3
					1.969	*1.260*	*1.890*	*4.921*	*1.181*		*3.661*	*3.661*	
C6	40	1	1	**C6-4-SL40 113 150-AX**	63	40	60	150	36	0	113.0	113.0	4.3
					2.480	*1.575*	*2.362*	*5.906*	*1.417*		*4.449*	*4.449*	
C8	40	1	1	**C8-4-SL40 113 180-AX**	80	40	60	180	36	0	113.0	113.0	6.0
					3.150	*1.575*	*2.362*	*7.087*	*1.417*		*4.449*	*4.449*	

ISO 13399 I1

CNSC CXSC I38

Coromant Capto® to CoroTurn® SL70 adaptor





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	RADW	CP Bar/PSI	kg
C5	70	1	1	**C5-SL70-R/LF-043**	50	63	43	33	0	33	150	1.3
					1.969	*2.490*	*1.693*	*1.299*	*.000*	*1.311*	*2175*	
C6	70	1	1	**C6-SL70-R/LF-043**	63	63	43	33	0	33	150	1.6
					2.480	*2.488*	*1.693*	*1.299*	*.000*	*1.311*	*2175*	
C8	70	1	1	**C8-SL70-R/LF-051**	80	71	51	41	0	42	150	3.1
					3.150	*2.805*	*2.008*	*1.634*	*.000*	*1.661*	*2175*	
C10	70	1	1	**C10-SL70-R/LF-070**	100	350	70	51	0	51	80	6.1
					3.937	*13.78*	*2.756*	*2.028*	*.000*	*2.028*	*1160*	

R = Right hand, L = Left hand

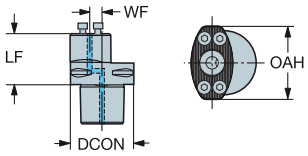
ISO 13399 I1

CNSC CXSC I38

Coromant Capto® to CoroTurn® SL70 adaptor



Cx-SL70-R/LG



CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAH	CP Bar/PSI	Kg
C5	70	1	1	C5-SL70-R/LG-050	50	50	11	0	70	200	0.9
					1.969	*1.969*	*.453*	*.000*	*2.776*	*2900*	
C6	70	1	1	C6-SL70-R/LG-050	63	50	11	0	70	200	1.2
					2.480	*1.969*	*.453*	*.000*	*2.776*	*2900*	
C8	70	1	1	C8-SL70-R/LG-090	80	90	35	0	70	200	2.9
					3.150	*3.543*	*1.378*	*.000*	*2.776*	*2900*	
C10	70	1	1	C10-SL70-R/LG-100	100	100	48	0	70	200	5.1
					3.937	*3.937*	*1.890*	*.000*	*2.776*	*2900*	

R = Right hand, L = Left hand

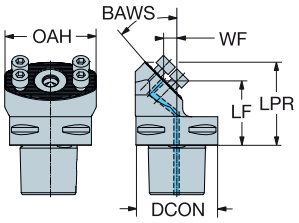
ISO 13399 I1

CNSC CXSC I38

Coromant Capto® to CoroTurn® SL70 adaptor



BAWS 45°



CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAH	CP Bar/PSI	Kg
C5	70	1	1	**C5-SL70-R/LX-045-050M**	50	65	50	6	0	70	200	0.9
					1.969	*2.559*	*1.969*	*.236*	*.000*	*2.776*	*2900*	
C6	70	1	1	**C6-SL70-R/LX-045-050M**	63	64	50	10	0	70	200	1.3
					2.480	*2.520*	*1.969*	*.394*	*.000*	*2.776*	*2900*	
		1	1	**C6-SL70-RX-045-100**	63	113	100	5	0	70	200	2.4
					2.480	*4.449*	*3.937*	*.197*	*.000*	*2.776*	*2900*	
C8	70	1	1	**C8-SL70-R/LX-045-090M**	80	104	90	18	0	80	200	3.4
					3.150	*4.094*	*3.543*	*.709*	*.000*	*3.150*	*2900*	

R = Right hand, L = Left hand

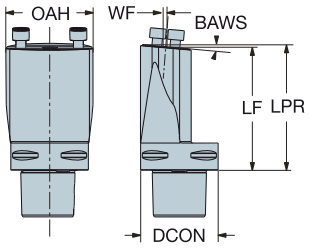
ISO 13399 I1

CNSC CXSC I38

Coromant Capto® to CoroTurn® SL70 adaptor

BAWS 5°



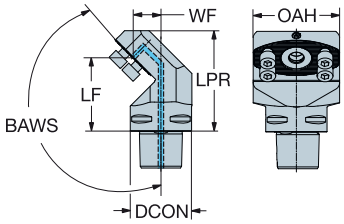


CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAH	CP Bar/PSI	Kg
C6	70	1	1	**C6-SL70-RX-005-100**	63	102	100	11	0	70	200	1.7
					2.480	*4.016*	*3.937*	*.433*	*.000*	*2.776*	*2900*	

R = Right hand, L = Left hand

BAWS 135°





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAH	CP Bar/PSI	Kg
C5	70	1	1	**C5-SL70-R/LX-135-060**	50	82	60	23	0	70	200	1.5
					1.969	*3.228*	*2.362*	*.906*	*.000*	*2.776*	*2900*	

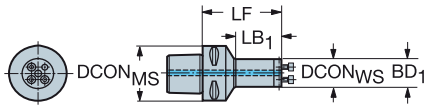
R = Right hand, L = Left hand

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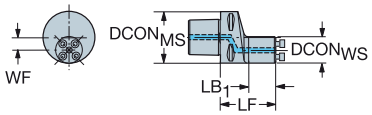
					Dimensions, mm, inch								
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	BD_1	LB_1	LF	WF	HF	CP Bar/PSI	Kg
C3	16	1	1	C3-570-2C 16 045	32	16	16	26	45	0	0	70	0.2
					1.260	*.630*	*.630*	*1.024*	*1.772*	*.000*	*.000*	*1015*	
	20	1	1	C3-570-2C 20 050	32	20	20	32	50	0	0	70	0.2
					1.260	*.787*	*.787*	*1.260*	*1.969*	*.000*	*.000*	*1015*	
	25	1	1	C3-570-2C 25 064	32	25	25	46	64	0	0	70	0.3
					1.260	*.984*	*.984*	*1.811*	*2.520*	*.000*	*.000*	*1015*	
	32	1	1	C3-570-2C 32 037	32	32	32	37	37	0	0	70	0.2
					1.260	*1.260*	*1.260*	*1.457*	*1.457*	*.000*	*.000*	*1015*	
		1	1	C3-570-2C 32 053	32	32	32	53	53	0	0	70	0.3
					1.260	*1.260*	*1.260*	*2.087*	*2.087*	*.000*	*.000*	*1015*	
C4	16	1	1	C4-570-2C 16 048	40	16	16	23	48	0	0	70	0.3
					1.575	*.630*	*.630*	*.906*	*1.890*	*.000*	*.000*	*1015*	
	20	1	1	C4-570-2C 20 058	40	20	20	34	58	0	0	70	0.3
					1.575	*.787*	*.787*	*1.339*	*2.283*	*.000*	*.000*	*1015*	
	25	1	1	C4-570-2C 25 064	40	25	25	42	64	0	0	70	0.4
					1.575	*.984*	*.984*	*1.654*	*2.520*	*.000*	*.000*	*1015*	
	32	1	1	C4-570-2C 32 074	40	32	32	51	74	0	0	70	0.6
					1.575	*1.260*	*1.260*	*2.008*	*2.913*	*.000*	*.000*	*1015*	
	40	1	1	C4-570-2C 40 053	40	40	40	40	53	0	0	70	0.6
					1.575	*1.575*	*1.575*	*1.575*	*2.087*	*.000*	*.000*	*1015*	
		1	1	C4-570-2C 40 073	40	40	40	73	73	0	0	70	0.8
					1.575	*1.575*	*1.575*	*2.874*	*2.874*	*.000*	*.000*	*1015*	
C5	16	1	1	C5-570-2C 16 052	50	16	16	28	52	0	0	70	0.5
					1.969	*.630*	*.630*	*1.102*	*2.047*	*.000*	*.000*	*1015*	
	20	1	1	C5-570-2C 20 059	50	20	20	33	59	0	0	70	0.5
					1.969	*.787*	*.787*	*1.299*	*2.323*	*.000*	*.000*	*1015*	
	25	1	1	C5-570-2C 25 067	50	25	25	41	67	0	0	70	0.6
					1.969	*.984*	*.984*	*1.614*	*2.638*	*.000*	*.000*	*1015*	
	32	1	1	C5-570-2C 32 075	50	32	32	48	75	0	0	70	0.9
					1.969	*1.260*	*1.260*	*1.890*	*2.953*	*.000*	*.000*	*1015*	
	40	1	1	C5-570-2C 40 094	50	40	40	72	94	0	0	70	1.1
					1.969	*1.575*	*1.575*	*2.835*	*3.701*	*.000*	*.000*	*1015*	
	50	1	1	C5-570-2C 50 090	50	50	50	90	90	0	0	70	1.3
					1.969	*1.969*	*1.969*	*3.543*	*3.543*	*.000*	*.000*	*1015*	
C6	16	1	1	C6-570-2C 16 056	63	16	16	28	56	0	0	70	0.8
					2.480	*.630*	*.630*	*1.102*	*2.205*	*.000*	*.000*	*1015*	
	20	1	1	C6-570-2C 20 068	63	20	20	40	67	0	0	70	0.8
					2.480	*.787*	*.787*	*1.575*	*2.638*	*.000*	*.000*	*1015*	
	25	1	1	C6-570-2C 25 082	63	25	25	55	82	0	0	70	0.8
					2.480	*.984*	*.984*	*2.165*	*3.228*	*.000*	*.000*	*1015*	
	32	1	1	C6-570-2C 32 081	63	32	32	51	81	0	0	70	1.1
					2.480	*1.260*	*1.260*	*2.008*	*3.189*	*.000*	*.000*	*1015*	
	40	1	1	C6-570-2C 40 092	63	40	40	63	92	0	0	70	1.3
					2.480	*1.575*	*1.575*	*2.480*	*3.622*	*.000*	*.000*	*1015*	
	50	1	1	C6-570-2C 50 114	63	50	50	87	114	0	0	70	2.3
					2.480	*1.969*	*1.969*	*3.425*	*4.488*	*.000*	*.000*	*1015*	
	60	1	1	C6-570-2C 60 137	63	60	60	114	137	0	0	70	3.3
					2.480	*2.362*	*2.362*	*4.488*	*5.394*	*.000*	*.000*	*1015*	
C8	40	1	1	C8-570-2C 40 105	80	40	40	73	105	0	0	70	2.3
					3.150	*1.575*	*1.575*	*2.874*	*4.134*	*.000*	*.000*	*1015*	
	50	1	1	C8-570-2C 50 115	80	50	50	85	115	0	0	70	3.3
					3.150	*1.969*	*1.969*	*3.346*	*4.528*	*.000*	*.000*	*1015*	
	60	1	1	C8-570-2C 60 140	80	60	60	111	140	0	0	70	3.3
					3.150	*2.362*	*2.362*	*4.370*	*5.512*	*.000*	*.000*	*1015*	

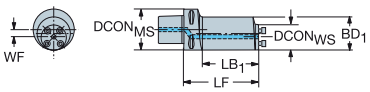
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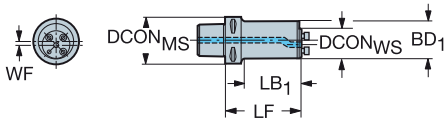
					Dimensions, mm, inch								
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	BD_1	LB_1	LF	WF	HF	CP Bar/PSI	Kg
C3	16	1	1	C3-570-2C 16 033R/L	32	16	16	12	33	8	0	70	0.1
					1.260	*.630*	*.630*	*.472*	*1.299*	*.315*	*.000*	*1015*	
	20	1	1	C3-570-2C 20 040R/L	32	20	20	20	40	6	0	70	0.1
					1.260	*.787*	*.787*	*.787*	*1.575*	*.236*	*.000*	*1015*	
	25	1	1	C3-570-2C 25 044R/L	32	25	25	25	44	3	0	70	0.2
					1.260	*.984*	*.984*	*1.732*	*.984*	*.138*	*.000*	*1015*	
C4	16	1	1	C4-570-2C 16 041R/L	40	16	16	12	41	12	0	70	0.3
					1.575	*.630*	*.630*	*.472*	*1.614*	*.472*	*.000*	*1015*	
	20	1	1	C4-570-2C 20 047R/L	40	20	20	20	47	10	0	70	0.3
					1.575	*.787*	*.787*	*.787*	*1.850*	*.394*	*.000*	*1015*	
	25	1	1	C4-570-2C 25 051R/L	40	25	25	25	51	7	0	70	0.4
					1.575	*.984*	*.984*	*.984*	*2.008*	*.295*	*.000*	*1015*	
	32	1	1	C4-570-2C 32 056R/L	40	32	32	32	56	4	0	70	0.5
					1.575	*1.260*	*1.260*	*1.260*	*2.205*	*.157*	*.000*	*1015*	
C5	16	1	1	C5-570-2C 16 040R	50	16	16	12	40	12	0	70	0.5
					1.969	*.630*	*.630*	*.472*	*1.575*	*.472*	*.000*	*1015*	
	20	1	1	C5-570-2C 20 050R	50	20	20	20	50	15	0	70	0.5
					1.969	*.787*	*.787*	*.787*	*1.969*	*.591*	*.000*	*1015*	
	25	1	1	C5-570-2C 25 054R/L	50	25	25	25	54	12	0	70	0.6
					1.969	*.984*	*.984*	*.984*	*2.126*	*.492*	*.000*	*1015*	
	32	1	1	C5-570-2C 32 061R/L	50	32	32	32	61	9	0	70	0.7
					1.969	*1.260*	*1.260*	*1.260*	*2.402*	*.354*	*.000*	*1015*	
	40	1	1	C5-570-2C 40 075R/L	50	40	40	48	75	5	0	70	0.9
					1.969	*1.575*	*1.575*	*1.890*	*2.953*	*.197*	*.000*	*1015*	
C6	16	1	1	C6-570-2C 16 045R	63	16	16	12	45	23	0	70	0.8
					2.480	*.630*	*.630*	*.472*	*1.772*	*.925*	*.000*	*1015*	
	20	1	1	C6-570-2C 20 052R	63	20	20	20	52	21	0	70	0.8
					2.480	*.787*	*.787*	*.787*	*2.047*	*.846*	*.000*	*1015*	
	25	1	1	C6-570-2C 25 056R/L	63	25	25	25	56	19	0	70	0.8
					2.480	*.984*	*.984*	*.984*	*2.205*	*.748*	*.000*	*1015*	
	32	1	1	C6-570-2C 32 066R/L	63	32	32	32	66	15	0	70	1.1
					2.480	*1.260*	*1.260*	*1.260*	*2.598*	*.610*	*.000*	*1015*	
	40	1	1	C6-570-2C 40 080R/L	63	40	40	48	80	11	0	70	1.3
					2.480	*1.575*	*1.575*	*1.890*	*3.150*	*.453*	*.000*	*1015*	
		1	1	C6-570-2C 50 097R/L40	63	40	50	68	97	12	0	70	1.7
					2.480	*1.575*	*1.969*	*2.677*	*3.819*	*.472*	*.000*	*1015*	
		1	1	C6-570-2C 60 112R/L40	63	40	60	88	112	10	0	70	2.4
					2.480	*1.575*	*2.362*	*3.465*	*4.409*	*.394*	*.000*	*1015*	
C8	40	1	1	C8-570-2C 40 081R/L	80	40	40	81	81	20	0	70	2.3
					3.150	*1.575*	*1.575*	*3.189*	*3.189*	*.787*	*.000*	*1015*	
		1	1	C8-570-2C 50 102R/L40	80	40	50	68	102	20	0	70	2.3
					3.150	*1.575*	*1.969*	*2.677*	*4.016*	*.787*	*.000*	*1015*	
		1	1	C8-570-2C 60 119R/L40	80	40	60	88	119	20	0	70	3.3
					3.150	*1.575*	*2.362*	*3.465*	*4.685*	*.787*	*.000*	*1015*	

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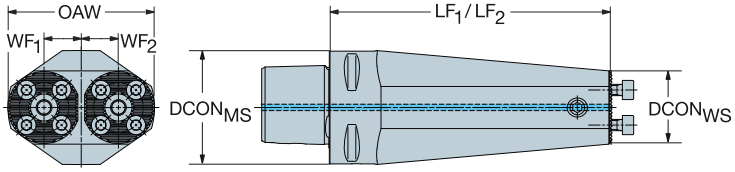
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	BD$_1$	LB$_1$	LF	WF	HF	CP Bar/PSI	Kg
C5	40	1	1	**C5-570-2C 50 073-40R/L**	50	40	50	73	73	5	0	70	1.1
					1.969	*1.575*	*1.969*	*2.874*	*2.874*	*.197*	*.000*	*1015*	
		1	1	**C5-570-2C 50 098-40R/L**	50	40	50	98	98	5	0	70	1.7
					1.969	*1.575*	*1.969*	*3.858*	*3.858*	*.197*	*.000*	*1015*	
C6	40	1	1	**C6-570-2C 50 124-40R/L**	63	40	50	98	124	5	0	70	2.3
					2.480	*1.575*	*1.969*	*3.858*	*4.882*	*.197*	*.000*	*1015*	
		1	1	**C6-570-2C 60 148-40R/L**	63	40	60	123	148	10	0	70	3.3
					2.480	*1.575*	*2.362*	*4.843*	*5.827*	*.394*	*.000*	*1015*	
C8	40	1	1	**C8-570-2C 50 125-40R/L**	80	40	50	96	125	5	0	70	3.3
					3.150	*1.575*	*1.969*	*3.780*	*4.921*	*.197*	*.000*	*1015*	
		1	1	**C8-570-2C 60 150-40R/L**	80	40	60	123	150	10	0	70	3.3
					3.150	*1.575*	*2.362*	*4.843*	*5.906*	*.394*	*.000*	*1015*	

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Boring bar for two CoroTurn® SL heads





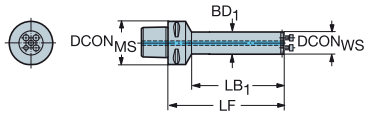
CZC_{MS}	CZC_{WS}	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	WF	LF	OAW	Kg
C5	32	C5-SL-2C65 125-32-2	50	32	16.5	125	65	2.2
			1.969	*1.260*	*.650*	*4.921*	*2.559*	
C6	32	C6-SL-2C65 150-32-2	63	32	16.5	150	65	3.5
			2.480	*1.260*	*.650*	*5.906*	*2.559*	
C8	40	C8-SL-2C81 180-40-2	80	40	20.5	180	81	6.8
			3.150	*1.575*	*.807*	*7.087*	*3.189*	

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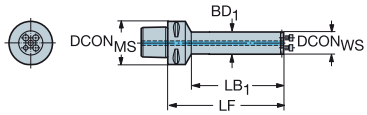
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	BD$_1$	LB$_1$	LF	WF	HF	CP Bar/PSI	Kg
C3	16	1	3	C3-570-3C 16 082	32	16	16	63	82	0	0	70	0.2
					1.260	*.630*	*.630*	*2.496*	*3.228*	*.000*	*.000*	*1015*	
	20	1	3	C3-570-3C 20 101	32	20	20	82	101	0	0	70	0.3
					1.260	*.787*	*.787*	*3.264*	*3.976*	*.000*	*.000*	*1015*	
	25	1	3	C3-570-3C 25 125	32	25	25	107	125	0	0	70	0.2
					1.260	*.984*	*.984*	*4.236*	*4.921*	*.000*	*.000*	*1015*	
	32	1	1	C3-570-3C 32 133	32	32	32	133	133	0	0	70	1.0
					1.260	*1.260*	*1.260*	*5.236*	*5.236*	*.000*	*.000*	*1015*	
C4	16	1	3	C4-570-3C 16 088	40	16	16	63	88	0	0	70	0.4
					1.575	*.630*	*.630*	*2.492*	*3.465*	*.000*	*.000*	*1015*	
	20	1	3	C4-570-3C 20 107	40	20	20	82	107	0	0	70	0.5
					1.575	*.787*	*.787*	*3.260*	*4.213*	*.000*	*.000*	*1015*	
	25	1	3	C4-570-3C 25 132	40	25	25	108	132	0	0	70	0.7
					1.575	*.984*	*.984*	*4.272*	*5.197*	*.000*	*.000*	*1015*	
	32	1	1	C4-570-3C 32 154	40	32	32	131	154	0	0	70	1.3
					1.575	*1.260*	*1.260*	*5.173*	*6.063*	*.000*	*.000*	*1015*	
	40	1	1	C4-570-3C 40 173	40	40	40	173	173	0	0	70	1.6
					1.575	*1.575*	*1.575*	*6.811*	*6.811*	*.000*	*.000*	*1015*	
C5	16	1	3	C5-570-3C 16 085	50	16	16	58	84	0	0	70	0.6
					1.969	*.630*	*.630*	*2.303*	*3.331*	*.000*	*.000*	*1015*	
	20	1	3	C5-570-3C 20 109	50	20	20	83	109	0	0	70	0.7
					1.969	*.787*	*.787*	*3.287*	*4.291*	*.000*	*.000*	*1015*	
	25	1	3	C5-570-3C 25 133	50	25	25	107	133	0	0	70	0.8
					1.969	*.984*	*.984*	*4.240*	*5.236*	*.000*	*.000*	*1015*	
		1	3	C5-570-3C 25 230	50	25	25	201	230	0	0	70	1.3
					1.969	*.984*	*.984*	*7.913*	*9.055*	*.000*	*.000*	*1015*	
	32	1	1	C5-570-3C 32 154	50	32	32	129	154	0	0	70	1.3
					1.969	*1.260*	*1.260*	*5.102*	*6.063*	*.000*	*.000*	*1015*	
		1	1	C5-570-3C 32 288	50	32	32	261	288	0	0	70	2.3
					1.969	*1.260*	*1.260*	*10.276*	*11.339*	*.000*	*.000*	*1015*	
	40	1	1	C5-570-3C 40 194	50	40	40	170	194	0	0	70	2.3
					1.969	*1.575*	*1.575*	*6.720*	*7.638*	*.000*	*.000*	*1015*	
		1	1	C5-570-3C 40 368	50	40	40	344	368	0	0	70	3.2
					1.969	*1.575*	*1.575*	*13.563*	*14.488*	*.000*	*.000*	*1015*	
	50	1	1	C5-570-3C 50 215	50	50	50	215	215	0	0	70	3.2
					1.969	*1.969*	*1.969*	*8.465*	*8.465*	*.000*	*.000*	*1015*	

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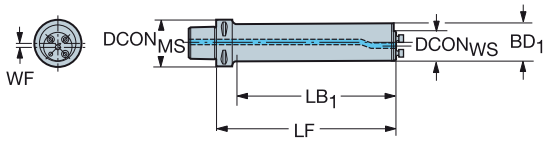
CZC MS	CZC WS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON MS	DCON WS	BD1	LB1	LF	WF	HF	CP Bar/PSI	Kg
C6	16	1	3	C6-570-3C 16 088	63	16	16	58	88	0	0	70	1.0
					2.480	*.630*	*.630*	*2.303*	*3.476*	*.000*	*.000*	*1015*	
	20	1	3	C6-570-3C 20 108	63	20	20	78	107	0	0	70	0.9
					2.480	*.787*	*.787*	*3.091*	*4.244*	*.000*	*.000*	*1015*	
	25	1	3	C6-570-3C 25 132	63	25	25	103	132	0	0	70	1.3
					2.480	*.984*	*.984*	*4.055*	*5.201*	*.000*	*.000*	*1015*	
		1	3	C6-570-3C 25 230	63	25	25	197	230	0	0	70	1.7
					2.480	*.984*	*.984*	*7.756*	*9.055*	*.000*	*.000*	*1015*	
	32	1	1	C6-570-3C 32 159	63	32	32	129	159	0	0	70	1.7
					2.480	*1.260*	*1.260*	*5.110*	*6.260*	*.000*	*.000*	*1015*	
		1	1	C6-570-3C 32 288	63	32	32	257	288	0	0	70	2.3
					2.480	*1.260*	*1.260*	*10.150*	*11.339*	*.000*	*.000*	*1015*	
	40	1	1	C6-570-3C 40 198	63	40	40	169	198	0	0	70	2.3
					2.480	*1.575*	*1.575*	*6.669*	*7.795*	*.000*	*.000*	*1015*	
		1	1	C6-570-3C 40 368	63	40	40	338	368	0	0	70	3.3
					2.480	*1.575*	*1.575*	*13.343*	*14.488*	*.000*	*.000*	*1015*	
	50	1	1	C6-570-3C 50 239	63	50	50	212	239	0	0	70	3.3
					2.480	*1.969*	*1.969*	*8.358*	*9.409*	*.000*	*.000*	*1015*	
	60	1	1	C6-570-3C 60 287	63	60	60	263	287	0	0	70	5.9
					2.480	*2.362*	*2.362*	*10.358*	*11.299*	*.000*	*.000*	*1015*	
C8	25	1	3	C8-570-3C 25 147	80	25	25	107	147	0	0	70	2.3
					3.150	*.984*	*.984*	*4.236*	*5.787*	*.000*	*.000*	*1015*	
	32	1	1	C8-570-3C 32 172	80	32	32	133	172	0	0	70	2.3
					3.150	*1.260*	*1.260*	*5.260*	*6.772*	*.000*	*.000*	*1015*	
	40	1	1	C8-570-3C 40 224	80	40	40	186	224	0	0	70	3.3
					3.150	*1.575*	*1.575*	*7.346*	*8.819*	*.000*	*.000*	*1015*	
		1	1	C8-570-3C 40 368	80	40	40	330	368	0	0	70	6.0
					3.150	*1.575*	*1.575*	*13.028*	*14.488*	*.000*	*.000*	*1015*	

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CNSC CXSC I38

Coromant Capto® to CoroTurn® SL dampened adaptor





SilentTools®

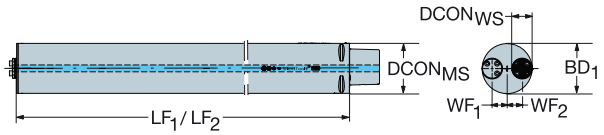
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	BD$_1$	LB$_1$	LF	WF	HF	CP Bar/PSI	Kg
C5	40	1	1	C5-570-3C 50 223-40R/L	50	40	50	223	223	5	0	70	3.2
					1.969	*1.575*	*1.969*	*8.780*	*8.780*	*.197*	*.000*	*1015*	
C6	40	1	1	C6-570-3C 50 247-40R/L	63	40	50	222	247	5	0	70	3.3
					2.480	*1.575*	*1.969*	*8.740*	*9.724*	*.197*	*.000*	*1015*	
		1	1	C6-570-3C 50 468-40R/L	63	40	50	440	468	5	0	70	5.9
					2.480	*1.575*	*1.969*	*17.323*	*18.425*	*.197*	*.000*	*1015*	
		1	1	C6-570-3C 60 295-40R/L	63	40	60	273	295	10	0	70	5.9
					2.480	*1.575*	*2.362*	*10.748*	*11.614*	*.394*	*.000*	*1015*	
		1	1	C6-570-3C 60 568-40R/L	63	40	60	545	568	10	0	70	5.9
					2.480	*1.575*	*2.362*	*21.457*	*22.362*	*.394*	*.000*	*1015*	
C8	40	1	1	C8-570-3C 50 297-40R/L	80	40	50	261	297	5	0	70	6.0
					3.150	*1.575*	*1.969*	*10.276*	*11.693*	*.197*	*.000*	*1015*	
		1	1	C8-570-3C 50 468-40R/L	80	40	50	434	468	5	0	70	6.0
					3.150	*1.575*	*1.969*	*17.087*	*18.425*	*.197*	*.000*	*1015*	
		1	1	C8-570-3C 60 355-40R/L	80	40	60	320	355	10	0	70	6.0
					3.150	*1.575*	*2.362*	*12.610*	*13.976*	*.394*	*.000*	*1015*	
		1	1	C8-570-3C 60 568-40R/L	80	40	60	531	568	10	0	70	6.0
					3.150	*1.575*	*2.362*	*20.917*	*22.362*	*.394*	*.000*	*1015*	

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CNSC CXSC I38

Coromant Capto® to CoroTurn® SL dampened adaptor

Dampened boring bar for two CoroTurn® SL heads





SilentTools®

CZCMS	CZCWS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	BD1	LB1	LF1	LF2	WF1	WF2	HF1	HF2	CP Bar/PSI	Kg
C8	40	1	1	C8-570-3C80365-40-2	80	40	80	365	365	365	20	20	0	0	70	13.1
					3.150	*1.575*	*3.150*	*14.370*	*14.370*	*14.370*	*.787*	*.787*	*.000*	*.000*	*1015*	
C10	40	1	1	C10-SL3C100968-40-2	100	40	100	968	968	968	30	30	0	0	70	56.5
					3.937	*1.575*	*3.937*	*38.110*	*38.110*	*38.110*	*1.181*	*1.181*	*.000*	*.000*	*1015*	
		1	1	C10-SL3C80768-40-2	100	40	80	729	768	768	20	20	0	0	70	29.5
					3.937	*1.575*	*3.150*	*28.701*	*30.236*	*30.236*	*.787*	*.787*	*.000*	*.000*	*1015*	

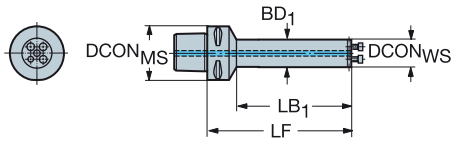
ISO 13399 I1

CNSC CXSC I38

Coromant Capto® to CoroTurn® SL dampened adaptor

Short dampened boring bars

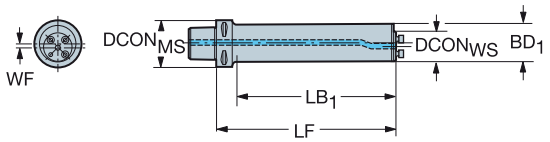




SilentTools®

CZC MS	CZC WS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON MS	DCON WS	BD1	LB1	LF	WF	HF	CP Bar/PSI	Kg
C4	40	1	1	C4-570-4C 40 120	40	40	40	120	120	0	0	70	1.3
					1.575	*1.575*	*1.575*	*4.724*	*4.724*	*.000*	*.000*	*1015*	
C5	40	1	1	C5-570-4C 40 120	50	40	40	98	120	0	0	70	1.6
					1.969	*1.575*	*1.575*	*3.858*	*4.724*	*.000*	*.000*	*1015*	
C6	40	1	1	C6-570-4C 40 120	63	40	40	94	120	0	0	70	1.7
					2.480	*1.575*	*1.575*	*3.701*	*4.724*	*.000*	*.000*	*1015*	





SilentTools®

CZC MS	CZC WS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON MS	DCON WS	BD1	LB1	LF	WF	HF	CP Bar/PSI	Kg
C5	40	1	1	C5-570-4C 50 150-40R/L	50	40	50	150	150	5	0	70	2.3
					1.969	*1.575*	*1.969*	*5.906*	*5.906*	*.197*	*.000*	*1015*	
C6	40	1	1	C6-570-4C 50 150-40R/L	63	40	50	122	150	5	0	70	2.3
					2.480	*1.575*	*1.969*	*4.803*	*5.906*	*.197*	*.000*	*1015*	
		1	1	C6-570-4C 60 180-40R/L	63	40	60	157	180	10	0	70	3.3
					2.480	*1.575*	*2.362*	*6.181*	*7.087*	*.394*	*.000*	*1015*	
C8	40	1	1	C8-570-4C 60 180-40R/L	80	40	60	147	180	10	0	70	6.4
					3.150	*1.575*	*2.362*	*5.787*	*7.087*	*.394*	*.000*	*1015*	

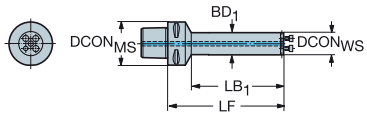
ISO 13399 I1

CNSC CXSC I38

Coromant Capto® to CoroTurn® SL dampened adaptor

Dampened carbide reinforced boring bars

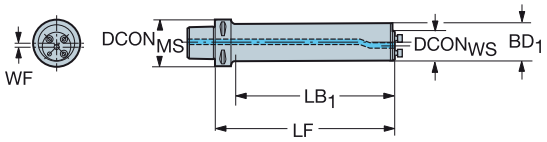




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CZC MS	CZC WS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON MS	DCON WS	BD1	LB1	LF	WF	HF	CP Bar/PSI	Kg
C6	25	1	3	C6-SL3C25280CR	63	25	25	245	280	0	0	70	6.6
					2.480	*.984*	*.984*	*9.646*	*11.024*	*.000*	*.000*	*1015*	
	32	1	1	C6-SL3C32352CR	63	32	32	317	352	0	0	70	9.5
					2.480	*1.260*	*1.260*	*12.480*	*13.858*	*.000*	*.000*	*1015*	
	40	1	1	C6-SL3C40448CR	63	40	40	416	448	0	0	70	11.8
					2.480	*1.575*	*1.575*	*16.378*	*17.638*	*.000*	*.000*	*1015*	
C8	25	1	3	C8-SL3C25280CR	80	25	25	245	280	0	0	70	7.3
					3.150	*.984*	*.984*	*9.646*	*11.024*	*.000*	*.000*	*1015*	
	32	1	1	C8-SL3C32352CR	80	32	32	317	352	0	0	70	10.4
					3.150	*1.260*	*1.260*	*12.480*	*13.858*	*.000*	*.000*	*1015*	
	40	1	1	C8-SL3C40448CR	80	40	40	416	448	0	0	70	13.0
					3.150	*1.575*	*1.575*	*16.378*	*17.638*	*.000*	*.000*	*1015*	





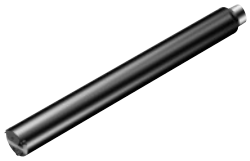
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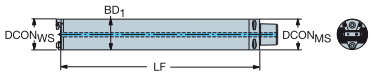
CZC MS	CZC WS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON MS	DCON WS	BD1	LB1	LF	WF	HF	CP Bar/PSI	Kg
C8	50	1	1	C8-SL3C50568CR-40R/L	80	50	50	528	568	5	0	70	20.0
					3.150	*1.969*	*1.969*	*20.787*	*22.362*	*.197*	*.000*	*1015*	
	60	1	1	C8-SL3C60688CR-40R/L	80	60	60	648	688	10	0	70	27.5
					3.150	*2.362*	*2.362*	*25.512*	*27.087*	*.394*	*.000*	*1015*	

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CNSC CXSC I38

Coromant Capto® to CoroTurn® SL quick change dampened adaptor





SilentTools®

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	BD$_1$	LB$_1$	LF	WF	HF	CP Bar/PSI	Kg
C6	80	1	1	**C6-570-3C 80 355**	63	80	80	355	355	0	0	70	5.9
					2.480	*3.150*	*3.150*	*13.976*	*13.976*	*.000*	*.000*	*1015*	
C8	80	1	1	**C8-570-3C 80 475**	80	80	80	475	475	0	0	70	6.0
					3.150	*3.150*	*3.150*	*18.701*	*18.701*	*.000*	*.000*	*1015*	
C10	80	1	1	**C10-570-3C80755-80**	100	80	80	714	755	0	0	70	29.0
					3.937	*3.150*	*3.150*	*28.110*	*29.724*	*.000*	*.000*	*1015*	
	100	1	1	**C10-570-3C100955-80**	100	100	100	955	955	0	0	70	55.8
					3.937	*3.937*	*3.937*	*37.598*	*37.598*	*.000*	*.000*	*1015*	

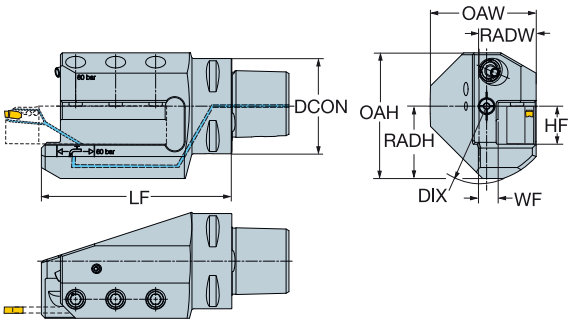
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CNSC CXSC I38

Coromant Capto® to rectangular shank adaptor

For tools with internal coolant





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	DIX	RADH	RADW	CP Bar/PSI	Kg
C5	20 x 20	1	5	**C5-ASHR/L-30100-20-HP**	50	100	10	20	56	66	80	38	30	80	1.5
					1.969	*3.937*	*.394*	*.787*	*2.205*	*2.598*	*3.150*	*1.496*	*1.181*	*1160*	
C6	25 x 25	1	5	**C6-ASHR/L-38140-25-HP**	63	140	13	25	69	78	100	46	38	80	3.1
					2.480	*5.512*	*.512*	*.984*	*2.736*	*3.071*	*3.937*	*1.811*	*1.496*	*1160*	
C8	25 x 25	1	5	**C8-ASHR/L-40140-25-HP**	80	130	15	25	72	78	105	46	40	80	4.3
					3.150	*5.118*	*.591*	*.984*	*2.835*	*3.071*	*4.134*	*1.811*	*1.575*	*1160*	

Warning!

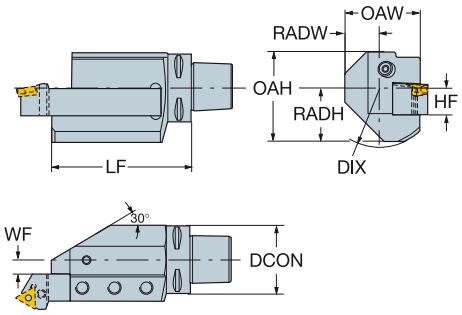
The adaptors are designed for automatic tool change. Make sure that there is no risk of interference in magazine and tool changing cycle.

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CNSC CXSC I38

Coromant Capto® to rectangular shank adaptor

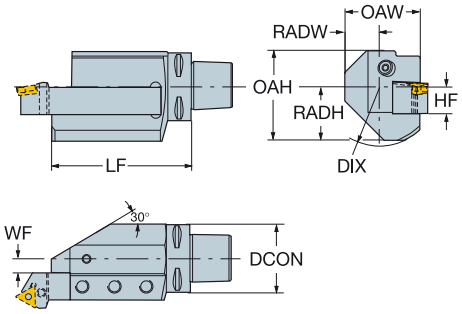




Metric version

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	DIX	RADH	RADW	CP Bar/PSI	Kg
C3	12 x 12	1	7	**C3-ASHR/L-18085-12**	32	85	6	12	34	38	48	22	18	80	0.4
C4	16 x 16	1	7	**C4-ASHR/L-23104-16**	40	104	7	16	43	50	65	30	23	80	0.9
C6	20 x 20	1	6	**C6-ASHR/L-30110-20**	63	110	10	20	63	72	80	40	30	80	0.1
C8	32 x 32	1	5	**C8-ASHR/L-40140-32**	80	140	8	32	80	95	110	55	40	80	6.3
C10	32 x 32	1	6	**C10-ASHR/L-50150-32**	100	150	18	32	100	95	145	65	50	80	8.7





Inch version

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, inch DCON	LF	WF	HF	OAW	OAH	DIX	RADH	RADW	CP Bar/PSI	Lbs
C5	3/4 x 3/4	1	5	**C5-ASHR/L-30098-12-A**	1.969	3.858	.431	.750	2.323	2.913	3.543	1.614	1.181	1160	5.0
C6	3/4 x 3/4	1	5	**C6-ASHR/L-30100-12-A**	2.480	3.937	.431	.750		2.913	3.543	1.614	1.181	1160	5.0
	1 x 1	1	6	**C6-ASHR/L-38140-16-A**	2.480	5.512	.496	1.000	2.736	3.228	3.937	1.969	1.496	1160	0.2
C8	1 1/4 x 1 1/4	1	5	**C8-ASHR/L-40140-20-A**	3.150	5.512	.325	1.250	3.150	3.740	4.331	2.165	1.575	1160	13.6

R = Right hand, L = Left hand

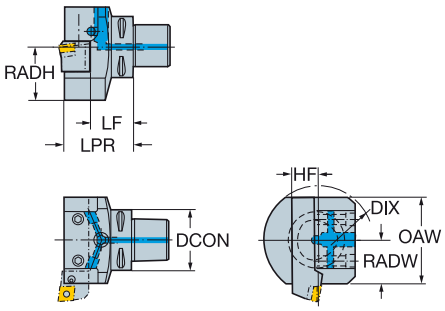
ISO 13399 I1

CNSC CXSC I38

Coromant Capto® to rectangular shank adaptor

For tools with internal coolant





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	DIX	RADH	RADW	CP Bar/PSI	kg
C5	20 x 20	1	6	**C5-ASHA-38058-20-HP**	50	58	38	38	20	76	63	90	38	38	80	1.2
					1.969	*2.283*	*1.496*	*1.496*	*.787*	*2.992*	*2.500*	*3.543*	*1.496*	*1.496*	*1160*	
C6	25 x 25	1	6	**C6-ASHA-45071-25-HP**	63	42	37	0	25	120	78	135	37	60	80	2.3
					2.480	*1.654*	*1.457*	*.000*	*.984*	*4.724*	*3.071*	*5.315*	*1.457*	*2.362*	*1160*	
C8	25 x 25	1	6	**C8-ASHA-45085-25-HP**	80	85	60	45	25	90	77	110	45	45	80	3.6
					3.150	*3.346*	*2.362*	*1.772*	*.984*	*3.543*	*3.032*	*4.331*	*1.772*	*1.772*	*1160*	

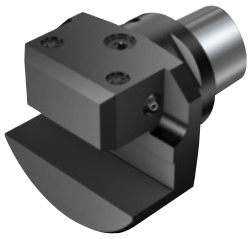
Warning!

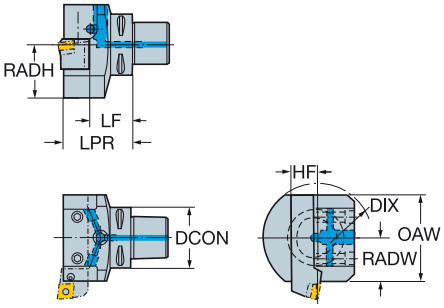
The adaptors are designed for automatic tool change. Make sure that there is no risk of interference in magazine and tool changing cycle.

ISO 13399 I1

CNSC CXSC I38

Coromant Capto® to rectangular shank adaptor





Metric version

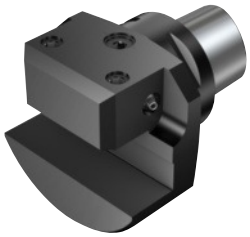
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	DIX	RADH	RADW	CP Bar/PSI	Kg
C3	12 x 12	1	6	**C3-ASHA-25040-12**	32	40	28	20	12	50	41	60	25	50	200	0.3
C4	16 x 16	1	6	**C4-ASHA-25046-16**	40	46	30	20	16	50	52	70	32	50	200	0.5
C6	20 x 20	1	6	**C6-ASHA-38060-20M**	63	60	40	38	20	76	76	90	45	38	80	1.6
	32 x 25	1	6	**C6-ASHA-50071-32M**	63	71	45	50	32	100	96	130	65	50	80	3.2
C8	32 x 32	1	6	**C8-ASHA-55085-32M**	80	85	53	55	32	110	105	142	65	55	80	3.3
C10	32 x 32	1	6	**C10-ASHA-55090-32**	100	90	58	40	32	110	115	145	65	55	80	5.5

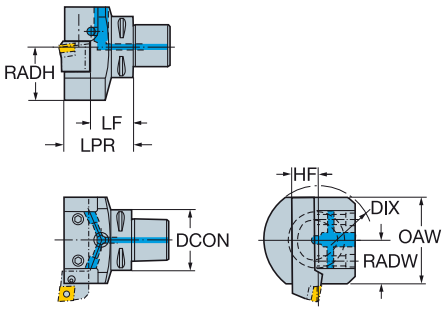
Warning!

The adaptors are designed for automatic tool change. Make sure that there is no risk of interference in magazine and tool changing cycle.

ISO 13399 I1
CNSC CXSC I38

Coromant Capto® to rectangular shank adaptor





Inch version

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, inch										CP Bar/PSI	Lbs
					DCON	LPR	LF	WF	HF	OAW	OAH	DIX	RADH	RADW		
C4	5/8 x 5/8	1	6	**C4-ASHA-25046-10U**	1.575	1.811	1.180	1.969	.625	1.969	2.244	2.756	1.260	.984	1160	1.8
C5	3/4 x 3/4	1	6	**C5-ASHA-30055-12U**	1.969	2.150	1.380	1.181	.750	2.362	2.756	3.543	1.575	1.181	1160	2.8
	3/4 x 3/4	1	6	**C5-ASHA-38057-12-AM**	1.969	2.244	1.457	1.496	.750	2.992	3.012	3.543	1.772	1.496	1160	2.8
C6	3/4 x 3/4	1	6	**C6-ASHA-38059-12-AM**	2.480	2.323	1.575	1.496	.750	2.992	3.016	3.543	1.772	1.496	1160	3.6
	3/4 x 3/4	1	6	**C6-ASHA-38066-12U**	2.480	2.340	1.580	1.496	.750	2.992	3.425	5.118	1.969	1.496	1160	5.0
	1 x 1	1	6	**C6-ASHA-45071-16-A**	2.480	2.795	1.795	1.181	1.000	3.543	3.425	4.331	2.165	3.543	2900	5.6
C8	1 1/4 x 1 1/4	1	6	**C8-ASHA-55085-20-AM**	3.150	3.337	2.087	2.165	1.250	4.331	4.134	5.591	2.559	2.165	1160	7.3

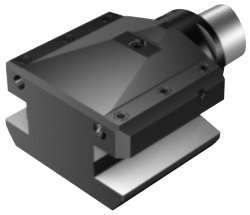
Warning!

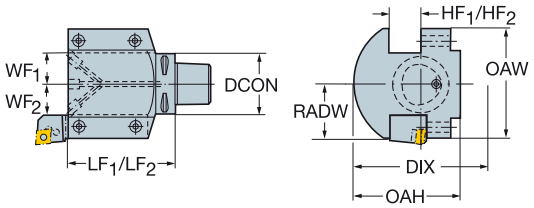
The adaptors are designed for automatic tool change. Make sure that there is no risk of interference in magazine and tool changing cycle.

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Coromant Capto® to rectangular shank adaptor

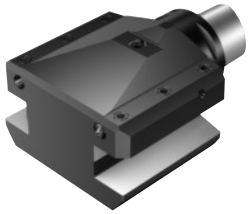


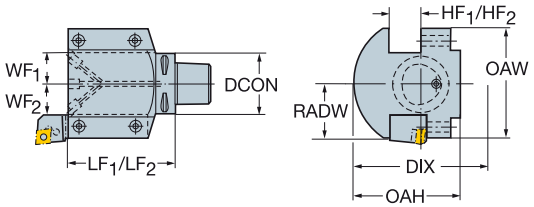


Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF$_1$	LF$_2$	WF$_1$	WF$_2$	HF$_1$	HF$_2$	OAW	OAH	DIX	RADH	RADW	CP Bar/PSI	Kg
C6	32 x 25	1	6	**C6-ASHS-58115-32**	63	115	115	33	33	32	32	116	110	140	70	58	80	5.8
C8	32 x 32	1	6	**C8-ASHS-73160-32**	80	160	160	41	41	32	32	146	105	165	65	73	80	13.0

R = Right hand, L = Left hand





Inch version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, inch DCON	LF$_1$	LF$_2$	WF$_1$	WF$_2$	HF$_1$	HF$_2$	OAW	OAH	RADH	RADW	CP Bar/PSI	Lbs
C5	3/4 x 3/4	1	6	**C5-ASHS-47088-12U**	1.969	3.465	3.465	1.063	1.063	.750	.750	3.661	2.756	1.575	1.831	1160	7.0
C6	3/4 x 3/4	1	6	**C6-ASHS-54090-12U**	2.480	3.543	3.543	1.339	1.339	.750	.750	4.213	3.032	1.575	1.831	1160	2156.2

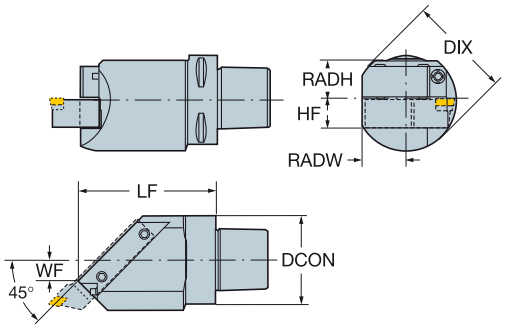
R = Right hand, L = Left hand

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CNSC CXSC I38

Coromant Capto® to rectangular shank adaptor





Metric version

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	DIX	CP Bar/PSI	Kg
C5	20 x 20	1	6	**C5-ASHR/L45-36097-20**	50	97	0	20	67	62	72	80	1.6
C6	20 x 20	1	6	**C6-ASHR/L45-36099-20**	63	99	0	20	67	67	72	80	2.2
C8	32 x 32	1	6	**C8-ASHR/L45-50135-32**	80	135	0	32	95	110	140	80	6.3

Inch version

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, inch DCON	LF	WF	HF	OAW	OAH	DIX	RADH	CP Bar/PSI	Lbs
C5	3/4 x 3/4	1	6	**C5-ASHR/L45-36097-12-A**	1.969	3.819	1.417	.750	2.657	2.441	2.835	.750	1160	3.6
C6	3/4 x 3/4	1	6	**C6-ASHR/L45-36099-12-A**	2.480	3.898	1.417	.750	2.657	2.657	2.835	.750	1160	5.0
C8	1 1/4 x 1 1/4	1	6	**C8-ASHR/L45-50135-20-A**	3.150	5.315	1.969	1.250	1.772	4.331	5.512	1.250	1160	14.0

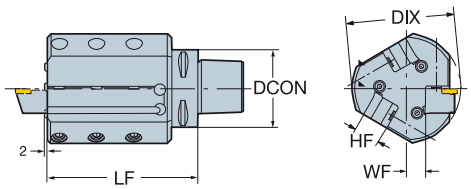
R = Right hand, L = Left hand

ISO 13399 I1

CNSC CXSC I38

Coromant Capto® miniturret for three rectangular shank tools





Metric version

CZC_{MS}	CZC_{WS}	Ordering code	Dimensions, mm DCON	DIX	LF	HF	WF	Kg
C5	20x20	**C5-ASHR/L3-36123-20**	50	90	123	20	16	3.4
C6	20x20	**C6-ASHR/L3-36125-20**	63	90	125	20	16	3.8
C8	32x25	**C8-ASHR/L3-45150-32**	80	120	150	32	20	7.5

Inch version

CZC_{MS}	CZC_{WS}	Ordering code	Dimensions, inch DCON	DIX	LF	HF	WF	Lbs
C5	3/4 x 3/4	**C5-ASHR/L3-36123-12-A**	1.969	3.543	4.842	.750	.614	3.20
C6	3/4 x 3/4	**C6-ASHR/L3-36125-12-A**	2.480	3.543	4.921	.750	.614	3.20
C8	1 1/4 x 1 1/4	**C8-ASHR/L3-46150-20-A**	3.150	4.724	5.906	1.250	.811	6.28

R = Right hand, L = Left hand

Warning!

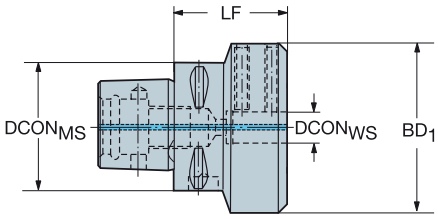
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ISO 13399 I1
CNSC CXSC I38

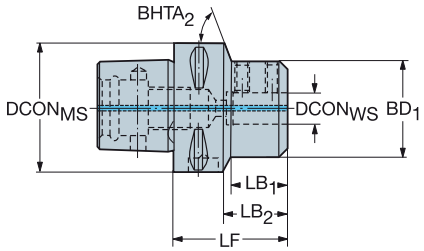
Coromant Capto® to cylindrical shank adaptor



DSGN 1



7



Metric pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LF	BD$_1$	LB$_1$	CP Bar	Kg
C3	10	1	1	1	C3-131-00035-10	32	10	15.0	36	35.0	80	0.3
	12	1	1	1	C3-131-00040-12	32	12	16.0	36	40.0	80	0.3
C5	25	1	1	1	C5-131-00100-25	50	25	43.0	63	100.0	80	2.0
C6	25	1	1	1	C6-131-00098-25	63	25	41.0	63	98.0	80	2.3
	40	1	1	1	C6-131-00112-40M	63	40	112.0	80	112.0	80	0.1
C8	25	1	1	7	C8-131-00098-25	80	25	41.0	63	50.0	80	3.4
	40	1	1	1	C8-131-00112-40	80	40	41.0	80	112.0	80	4.2

Inch pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, inch DCON$_{MS}$	DCON$_{WS}$	LF	BD$_1$	LB$_1$	CP PSI	Lbs
C3	1/2	1	1	1	C3-131-00050-500	1.259	.500	0.591	1.420	1.969	1160	0.8
	5/8	1	1	1	C3-131-00050-625	1.259	.625	0.591	1.420	1.969	1160	0.8
C4	1	1	1	1	C4-131-00091-1000	1.574	1.000	0.772	2.283	3.583	1160	1.3
C5	1	1	1	1	C5-131-00070-1000	1.968	1.000	0.790	2.130	2.756	1160	1.0
	1 1/2	1	1	1	C5-131-00115-1500	1.968	1.500	1.090	2.870	4.528	1160	2.3
C6	3/8	1	1	7	C6-131-00065-375	2.480	.375	1.170	1.420	.787	1160	1.0
	1/2	1	1	7	C6-131-00065-500	2.480	.500	1.170	1.420	1.102	1160	1.0
	5/8	1	1	7	C6-131-00065-625	2.480	.625	1.170	1.420	1.260	1160	1.0
	3/4	1	1	7	C6-131-00065-750	2.480	.750	1.270	1.420	1.539	1160	1.1
	1 1/2	1	1	1	C6-131-00105-1500M	2.480	1.500	4.134	2.756	4.134	1160	0.1

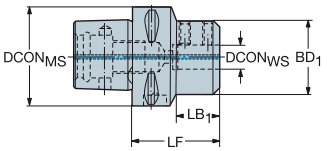
ISO 13399 I1

CNSC CXSC I38

Coromant Capto® to cylindrical shank adaptor with Easy-Fix positioning

DSGN 2





Metric pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	BD$_1$	CP Bar	Kg
C4	10	1	1	2	**C4-131-00040-10**	40	10	40	19	36	80	0.4
	12	1	1	2	**C4-131-00045-12**	40	12	45	24	36	80	0.4
	16	1	1	2	**C4-131-00050-16**	40	16	50	29	36	80	0.5
C5	10	1	1	2	**C5-131-00045-10**	50	10	45	21	36	80	0.6
	12	1	1	2	**C5-131-00045-12**	50	12	45	22	36	80	0.6
	16	1	1	2	**C5-131-00055-16**	50	16	55	31	36	80	0.7

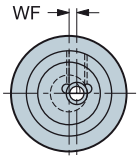
Inch pilot

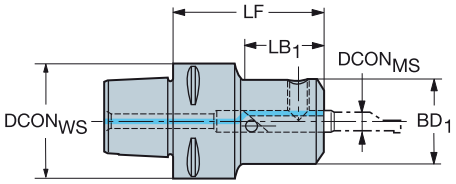
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	BD$_1$	CP PSI	Lbs
C3	1/4	1	1	2	**C3-131-00050-250**	1.260	.250	1.969	1.067	1.180	1160	0.3
C4	1/4	1	1	2	**C4-131-00050-250**	1.575	.250	1.969	1.067	1.420	1160	0.4
	3/8	1	1	2	**C4-131-00050-375**	1.575	.375	1.969	1.134	1.420	1160	0.4
	1/2	1	1	2	**C4-131-00050-500**	1.575	.500	1.969	1.134	1.420	1160	0.4
	5/8	1	1	2	**C4-131-00050-625**	1.575	.625	1.969	1.134	1.420	1160	0.4
	3/4	1	1	2	**C4-131-00060-750**	1.575	.750	2.362	1.417	1.420	1160	1.3
C5	3/8	1	1	2	**C5-131-00060-375**	1.969	.375	2.362	1.417	1.420	1160	0.7
	1/2	1	1	2	**C5-131-00060-500**	1.969	.500	2.362	1.417	1.420	1160	0.7
	5/8	1	1	2	**C5-131-00060-625**	1.969	.625	2.362	1.417	1.420	1160	0.7
	3/4	1	1	2	**C5-131-00060-750**	1.969	.750	2.362	1.417	1.420	1160	0.6
C6	1	1	1	2	**C6-131-00075-1000**	2.480	1.000	2.953	2.039	2.130	1160	1.7

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Coromant Capto® to CoroTurn® XS adaptor







CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	BD_1	LB_1	LPR	LF	WF	HF	CP Bar/PSI	Kg
C3	4	1	1	C3-CXS-42-04	32	4	21	42	42	42	1	0	10	0.3
					1.260	*.157*	*.827*		*1.654*	*1.654*	*.041*	*.000*	*145*	
	5	1	1	C3-CXS-42-05	32	5	22	42	42	42	1	0	10	0.3
					1.260	*.197*	*.866*		*1.654*	*1.654*	*.051*	*.000*	*145*	
	6	1	1	C3-CXS-42-06	32	6	23	42	42	42	1	0	10	0.3
					1.260	*.236*	*.925*		*1.654*	*1.654*	*.077*	*.000*	*145*	
	7	1	1	C3-CXS-42-07	32	7	25	42	42	42	2	0	10	0.3
					1.260	*.276*	*.984*		*1.654*	*1.654*	*.114*	*.000*	*145*	
	8	1	1	C3-CXS-42-08	32	8	21	42	42	42	0	0	10	0.2
					1.260	*.315*	*.827*		*1.654*	*1.654*	*.000*	*.000*	*145*	
	10	1	1	C3-CXS-42-10	32	10	21	42	42	42	0	0	10	0.2
					1.260	*.394*	*.827*		*1.654*	*1.654*	*.000*	*.000*	*145*	
C4	4	1	1	C4-CXS-47-04	40	4	21	47	47	47	1	0	10	0.3
					1.575	*.157*	*.827*		*1.850*	*1.850*	*.041*	*.000*	*145*	
	5	1	1	C4-CXS-47-05	40	5	22	47	47	47	1	0	10	0.3
					1.575	*.197*	*.866*		*1.850*	*1.850*	*.051*	*.000*	*145*	
	6	1	1	C4-CXS-47-06	40	6	23	47	47	47	1	0	10	0.3
					1.575	*.236*	*.925*		*1.850*	*1.850*	*.077*	*.000*	*145*	
	7	1	1	C4-CXS-47-07	40	7	25	47	47	47	2	0	10	0.3
					1.575	*.276*	*.984*		*1.850*	*1.850*	*.114*	*.000*	*145*	
	8	1	1	C4-CXS-47-08	40	8	22	47	47	47	0	0	10	0.4
					1.575	*.315*	*.866*		*1.850*	*1.850*	*.000*	*.000*	*145*	
	10	1	1	C4-CXS-47-10	40	10	22	47	47	47	0	0	10	0.4
					1.575	*.394*	*.866*		*1.850*	*1.850*	*.000*	*.000*	*145*	
C5	4	1	1	C5-CXS-49-04	50	4	21	49	49	49	1	0	10	0.5
					1.969	*.157*	*.827*		*1.929*	*1.929*	*.041*	*.000*	*145*	
	5	1	1	C5-CXS-49-05	50	5	22	49	49	49	1	0	10	0.5
					1.969	*.197*	*.866*		*1.929*	*1.929*	*.051*	*.000*	*145*	
	6	1	1	C5-CXS-49-06	50	6	23	49	49	49	1	0	10	0.5
					1.969	*.236*	*.925*		*1.929*	*1.929*	*.077*	*.000*	*145*	
	7	1	1	C5-CXS-49-07	50	7	25	49	49	49	2	0	10	0.5
					1.969	*.276*	*.984*		*1.929*	*1.929*	*.114*	*.000*	*145*	
	8	1	1	C5-CXS-49-08	50	8	23	49	49	49	0	0	10	0.6
					1.969	*.315*	*.925*		*1.929*	*1.929*	*.000*	*.000*	*145*	
	10	1	1	C5-CXS-49-10	50	10	23	49	49	49	0	0	10	0.6
					1.969	*.394*	*.925*		*1.929*	*1.929*	*.000*	*.000*	*145*	
C6	4	1	1	C6-CXS-95-04	63	4	21	95	95	95	1	0	10	1.2
					2.480	*.157*	*.827*		*3.740*	*3.740*	*.041*	*.000*	*145*	
	5	1	1	C6-CXS-95-05	63	5	22	95	95	95	1	0	10	1.2
					2.480	*.197*	*.866*		*3.740*	*3.740*	*.051*	*.000*	*145*	
	6	1	1	C6-CXS-95-06	63	6	23	95	95	95	1	0	10	1.2
					2.480	*.236*	*.925*		*3.740*	*3.740*	*.077*	*.000*	*145*	
	7	1	1	C6-CXS-95-07	63	7	25	95	95	95	2	0	10	1.2
					2.480	*.276*	*.984*		*3.740*	*3.740*	*.114*	*.000*	*145*	
	8	1	1	C6-CXS-95-08	63	8	25	95	95	95	0	0	10	1.5
					2.480	*.315*	*.984*		*3.740*	*3.740*	*.000*	*.000*	*145*	
	10	1	1	C6-CXS-95-10	63	10	25	95	95	95	0	0	10	1.5
					2.480	*.394*	*.984*		*3.740*	*3.740*	*.000*	*.000*	*145*	

CZC_{WS} to correspond with CZC_{MS} on tool

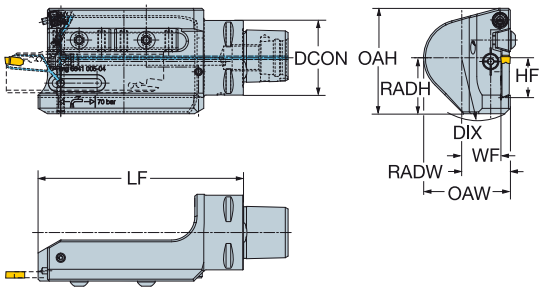
ISO 13399 I1

CNSC CXSC I38

C3 – D C I20

Coromant Capto® to blade adaptor





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	DIX	RADH	RADW	CP Bar/PSI	Kg
C4	21	1	6	**C4-APBR/L-26110-21-HP**	40	110	21	21	46	56	76	30	38	80	0.9
					1.575	*4.331*	*.827*	*.827*	*1.831*	*2.224*	*2.992*	*1.181*	*1.496*	*1160*	
C5	21	1	6	**C5-APBR/L-31110-21-HP**	50	110	26	21	56	56	80	30	31	80	1.1
					1.969	*4.331*	*1.024*	*.827*	*2.224*	*2.224*	*3.150*	*1.181*	*1.220*	*1160*	
C6	25	1	6	**C6-APBR/L-37156-25-HP**	63	156	32	25	69	69	100	37	37	80	2.2
					2.480	*6.142*	*1.260*	*.984*	*2.717*	*2.717*	*3.937*	*1.457*	*1.457*	*1160*	
C8	25	1	6	**C8-APBR/L-46155-25-HP**	80	155	40	25	85	80	115	37	45	80	3.3
					3.150	*6.102*	*1.594*	*.984*	*3.380*	*3.177*	*4.528*	*1.457*	*1.791*	*1160*	

Warning!

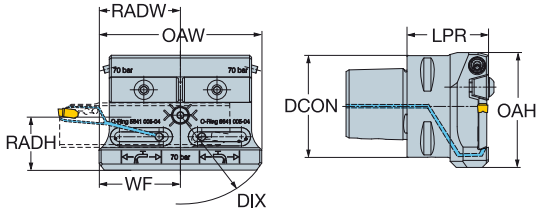
The adaptors are designed for automatic tool change. Make sure that there is no risk of interference in magazine and tool changing cycle.

ISO 13399 I1
CNSC CXSC I38

Coromant Capto® to blade adaptor

For blades with internal coolant





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	DIX	RADH	RADW	CP Bar/PSI	Kg
C5	21	1	5	**C5-APBA-40040-21-HP**	50	40	35	40	21	80	56	96	30	40	80	0.9
					1.969	*1.575*	*1.378*	*1.575*	*.827*	*3.150*	*2.224*	*3.780*	*1.181*	*1.575*	*1160*	
C6	25	1	5	**C6-APBA-60042-25-HP**	63	42	37	60	25	120	69	135	37	60	80	1.6
					2.480	*1.654*	*1.457*	*2.362*	*.984*	*4.724*	*2.717*	*5.315*	*1.457*	*2.362*	*1160*	
C8	25	1	5	**C8-APBA-60050-25-HP**	80	50	45	60	25	120	80	135	37	60	80	2.6
					3.150	*1.969*	*1.772*	*2.362*	*.984*	*4.724*	*3.150*	*5.315*	*1.457*	*2.362*	*1160*	

Warning!

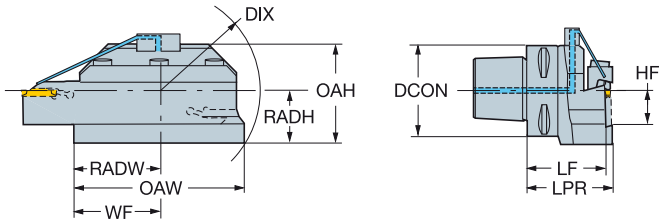
The adaptors are designed for automatic tool change. Make sure that there is no risk of interference in magazine and tool changing cycle.

ISO 13399 I1

CNSC CXSC I38

Coromant Capto® to blade adaptor





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	DIX	RADH	RADW	CP Bar/PSI	Kg
C6	45	1	5	**C6-APBA-80068-45**	63	68	60	80	45	160	114	198	72	80	80	5.4
					2.480	*2.677*	*2.382*	*3.150*	*1.772*	*6.299*	*4.488*	*7.795*	*2.835*	*3.150*	*1160*	
C8	45	1	5	**C8-APBA-80068-45**	80	68	60	80	45	160	114	198	72	80	80	5.4
					3.150	*2.677*	*2.382*	*3.150*	*1.772*	*6.299*	*4.488*	*7.795*	*2.835*	*3.150*	*1160*	
C10	45	1	5	**C10-APBA-80075-45**	100	75	68	80	45	160	114	190	72	80	80	6.6
					3.937	*2.953*	*2.677*	*3.150*	*1.772*	*6.299*	*4.488*	*7.480*	*2.835*	*3.150*	*1160*	

R = Right hand, L = Left hand

Warning!

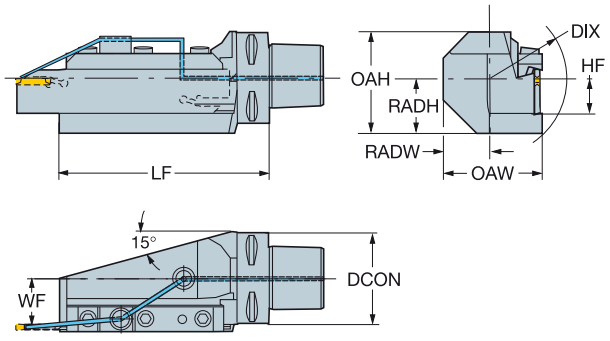
The adaptors are designed for automatic tool change. Make sure that there is no risk of interference in magazine and tool changing cycle.

ISO 13399 I1

CNSC CXSC I38

Coromant Capto® to blade adaptor





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	DIX	RADH	RADW	CP Bar/PSI	Kg
C10	45	1	6	**C10-APBR/L-60205-45**	100	205	53	45	110	112	63	61	60	80	10.5
					3.937	*8.071*	*2.087*	*1.772*	*4.350*	*4.417*	*2.480*	*2.429*	*2.362*	*1160*	

R = Right hand, L = Left hand

Warning!

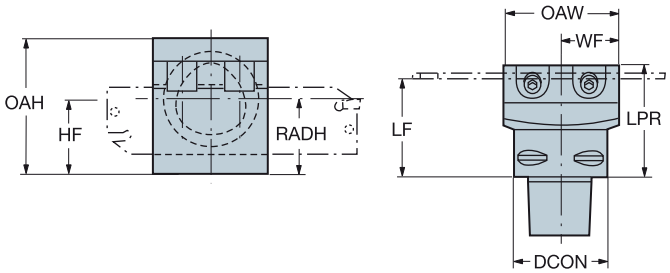
The adaptors are designed for automatic tool change. Make sure that there is no risk of interference in magazine and tool changing cycle.

ISO 13399 I1

CNSC CXSC I38

Coromant Capto® to blade adaptor





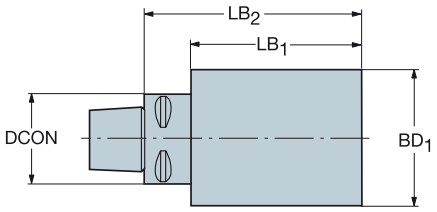
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	RADH	CP Bar/PSI	Kg
C5	21	1	0	**C5-151.2-33040-21**	50	40	30	77	21	66	67	35	80	1.0
					1.969	*1.575*	*1.191*	*3.050*	*.843*	*2.598*	*2.638*	*1.380*	*1160*	
	25	1	0	**C5-151.2-33040-25**	50	40	30	109	25	66	67	35	80	1.0
					1.969	*1.575*	*1.191*	*4.300*	*.984*	*2.598*	*2.638*	*1.380*	*1160*	

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CNSC CXSC I38

Steel blank with Coromant Capto® coupling





CZC$_{WS}$	Ordering code	Dimensions, mm, inch DCON	BD$_1$	LB$_2$	LB$_1$	Kg
C3	C3-NR-040110-B	32	40	110	95	1.08
		1.260	*1.575*	*4.331*	*3.740*	
	C3-NR-050125-B	32	50	125	110	1.645
		1.260	*1.969*	*4.921*	*4.331*	
	C3-NR-070060-B	32	70	60	45	1.3
		1.260	*2.756*	*2.362*	*1.772*	
	C3-NR-090070-B	32	90	70	55	2.2
		1.260	*3.543*	*2.756*	*2.165*	
C4	C4-NR-040095-B	40	40	95	75	0.858
		1.575	*1.575*	*3.740*	*2.953*	
	C4-NR-060165-B	40	60	165	145	3.2
		1.575	*2.362*	*6.496*	*5.709*	
	C4-NR-080075-B	40	80	75	55	2.292
		1.575	*3.150*	*2.953*	*2.165*	
	C4-NR-100085-B	40	100	85	65	3.2
		1.575	*3.937*	*3.346*	*2.559*	
C5	C5-NR-050125-B	50	50	125	105	1.653
		1.969	*1.969*	*4.921*	*4.134*	
	C5-NR-075175-B	50	75	175	155	5.7
		1.969	*2.953*	*6.890*	*6.102*	
	C5-NR-090080-B	50	90	80	60	3.2
		1.969	*3.543*	*3.150*	*2.362*	
	C5-NR-110090-B	50	100	90	70	5.7
		1.969	*3.937*	*3.543*	*2.756*	
C6	C6-NR-075195-B	63	75	195	173	5.9
		2.480	*2.953*	*7.677*	*6.811*	
	C6-NR-110085-B	63	110	85	63	5.9
		2.480	*4.331*	*3.346*	*2.480*	
	C6-NR-130095-B	63	130	95	73	5.9
		2.480	*5.118*	*3.740*	*2.874*	
C8	C8-NR-080200-B	80	80	200	170	6.5
		3.150	*3.150*	*7.874*	*6.693*	
	C8-NR-120160-B	80	120	160	130	6.42
		3.150	*4.724*	*6.299*	*5.118*	
	C8-NR-130090-B	80	130	90	60	6.48
		3.150	*5.118*	*3.543*	*2.362*	
C10	C10-NR-100200-B	100	100	200	64	5.483
		3.937	*3.937*	*7.874*	*2.520*	
	C10-NR-160120-B	100	160	120	64	5.5
		3.937	*6.299*	*4.724*	*2.520*	

Coromant Capto blanks have a ''soft'' front, which allows machining of special shapes.

The material is 25 CRMo4, low alloy steel.
Tensile strength 700 N/mm^2. HB 270 – 352.

Equilibrium temperature: 840–870°C
Cooling medium: Polymer
Tempering: 1 hour 200°C

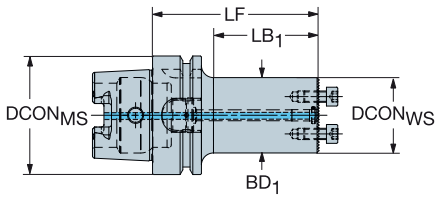
Note: If localized hardening is required, induction type hardening is to be used. Max. hardness which can be attained with this material ≈ 50 HRC.

ISO 13399 I1

SANDVIK Coromant

HSK to CoroTurn® SL adaptor





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	BD$_1$	LB$_1$	LF	WF	HF	CP Bar/PSI	Kg
63	40	1	1	**392.T63-2C 40 088**	63	40	40	55	88	0	0	80	0.1
					2.480	*1.575*	*1.575*	*2.191*	*3.465*	*.000*	*.000*	*1160*	

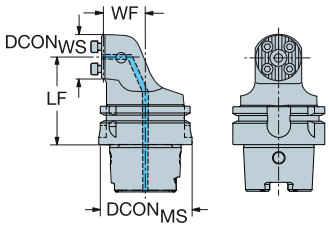
ISO 13399 I1

CNSC CXSC I38

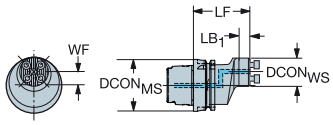
HSK to CoroTurn® SL adaptor



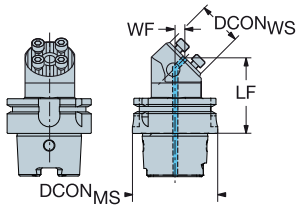
BAWS 0°
392.T..SLxxR/LF



90°
392.T..SLxxR/LG



45°
392.T..SLxxR/LX



BAWS 0°

CZC MS	CZC WS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON MS	DCON WS	LPR	LF	WF	HF	RADW	CP Bar/PSI	Kg
63	32	1	1	392.T63SL-32RF	63	32	76	60	31	0	32	70	1.1
					2.480	*1.260*	*2.992*	*2.362*	*1.220*	*.000*	*1.283*	*1015*	
	40	1	1	392.T63SL-40RF	63	40	85	65	31	0	40	70	1.3
					2.480	*1.575*	*3.358*	*2.559*	*1.220*	*.000*	*1.598*	*1015*	
100	40	1	1	392.T100SL-40RF	100	40	90	70	51	0	40	70	2.9
					3.937	*1.575*	*3.555*	*2.756*	*2.028*	*.000*	*1.598*	*1015*	

BAWS 90°

CZC MS	CZC WS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON MS	DCON WS	LPR	LF	WF	HF	CP Bar/PSI	Kg
63	32	1	1	392.T63SL-32RG	63	32	67	67	15	0	200	1.0
					2.480	*1.260*	*2.638*	*2.638*	*.610*	*.000*	*2900*	
	40	1	1	392.T63SL-40RG	63	40	67	67	11	0	200	1.1
					2.480	*1.575*	*2.638*	*2.638*	*.453*	*.000*	*2900*	
100	40	1	1	392.T100SL-40RG	100	40	78	78	30	0	200	4.8
					3.937	*1.575*	*3.071*	*3.071*	*1.181*	*.000*	*2900*	

BAWS 45°

CZC MS	CZC WS	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON MS	DCON WS	LPR	LF	WF	HF	CP Bar/PSI	Kg
63	32	1	1	392.T63SL-32RX-045	63	32	66	55	5	0	200	0.8
					2.480	*1.260*	*2.598*	*2.165*	*.197*	*.000*	*2900*	
	40	1	1	392.T63SL-40RX-045	63	40	74	60	5	0	200	1.0
					2.480	*1.575*	*2.913*	*2.362*	*.197*	*.000*	*2900*	

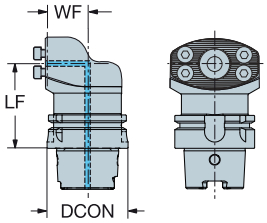
ISO 13399 I1

CNSC CXSC I38

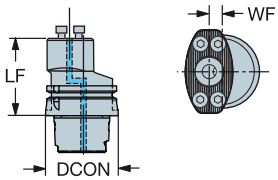
HSK to CoroTurn® SL70 adaptor



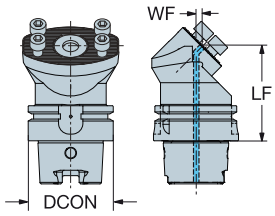
BAWS 0°
392.T..SL70R/LF



90°
392.T..SL70R/LG



45°
392.T..SL70R/LX



BAWS 0°

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	CP Bar/PSI	Kg
63	70	1	1	**392.T63SL70RF**	63	87	67	33	0	70	70	1.8
					2.480	*3.435*	*2.638*	*1.299*	*.000*	*2.756*	*1015*	
100	70	1	1	**392.T100SL70RF**	100	90	70	51	0	100	70	4.4
					3.937	*3.553*	*2.756*	*2.028*	*.000*	*3.937*	*1015*	

BAWS 90°

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	CP Bar/PSI	Kg
63	70	1	1	**392.T63SL70RG**	63	70	11	0	200	1.4
					2.480	*2.756*	*.453*	*.000*	*2900*	
100	70	1	1	**392.T100-SL70RG**	100	110	48	0	200	3.4
					3.937	*4.331*	*1.890*	*.000*	*2900*	

BAWS 45°

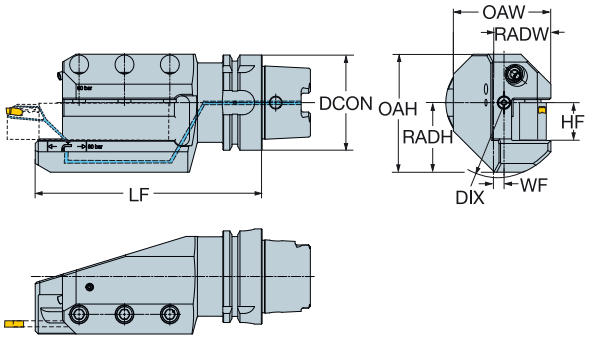
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	CP Bar/PSI	Kg
63	70	1	1	**392.T63SL70RX-045**	63	84	70	5	0	70	200	1.4
					2.480	*3.307*	*2.756*	*.197*	*.000*	*2.756*	*2900*	
100	70	1	1	**392.T100SL70RX-045**	100	105	90	5	0	100	200	3.6
					3.937	*4.134*	*3.543*	*.197*	*.000*	*3.937*	*2900*	

ISO 13399 I1
CNSC CXSC I38

HSK to rectangular shank adaptor

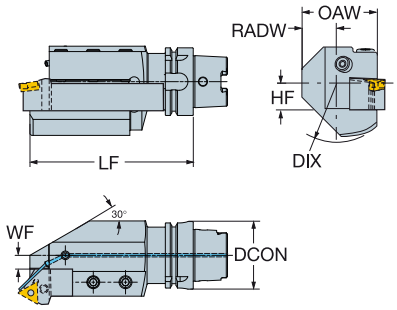
High pressure coolant





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	DIX	RADH	RADW	CP Bar/PSI	Kg
63	25 x 25	1	6	392.419-63-ASHR/L-25HP	63	150	13	25	64	78	100	46	38	80	3.0
					2.480	*5.906*	*.512*	*.984*	*2.539*	*3.071*	*3.937*	*1.811*	*1.496*	*1160*	





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	DIX	RADH	RADW	CP Bar/PSI	Kg
100	32 x 32	1	7	392.419-100-ASHR/L-32	100	155	8	32	62	85	110	55	40	70	6.3
					3.937	*6.102*	*.315*	*1.260*	*2.461*	*3.346*	*4.331*	*2.165*	*1.575*	*1015*	

R = Right hand, L = Left hand

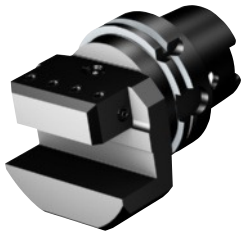
Warning!

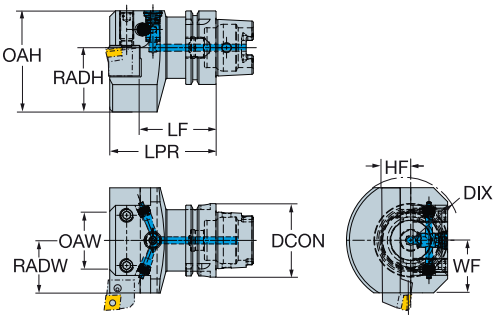
The adaptors are designed for automatic tool change. Make sure that there is no risk of interference in magazine and tool changing cycle.

ISO 13399 I1

CNSC CXSC I38

HSK to rectangular shank adaptor





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LPR	LF	WF	HF	OAW	OAH	DIX	RADH	RADW	CP Bar/PSI	Kg
63	25 x 25	1	6	**392.419-63-ASHA-25**	63	91	65	30	25	90	86	110	55	90	80	2.7
					2.480	*3.583*	*2.559*	*1.181*	*.984*	*3.543*	*3.409*	*4.331*	*2.165*	*3.543*	*1160*	
100	32 x 32	1	6	**392.419-100-ASHA-32**	100	100	68	40	32	110	115	142	65	110	80	5.7
					3.937	*3.937*	*2.677*	*1.575*	*1.260*	*4.331*	*4.528*	*5.591*	*2.559*	*4.331*	*1160*	

R = Right hand, L = Left hand

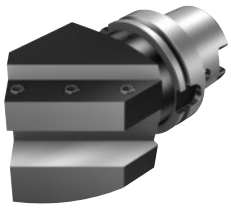
Warning!

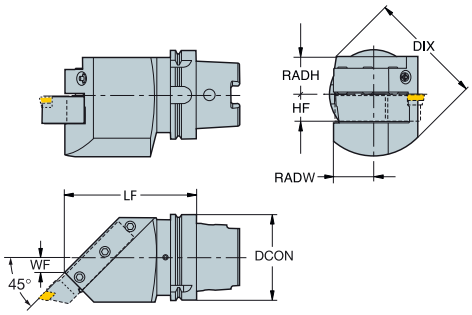
The adaptors are designed for automatic tool change. Make sure that there is no risk of interference in magazine and tool changing cycle.

ISO 13399 I1

CNSC CXSC I38

HSK to rectangular shank adaptor





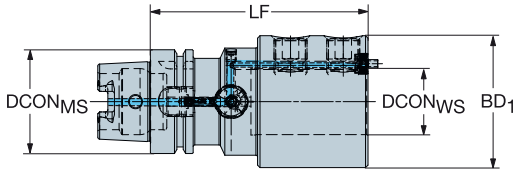
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	DIX	RADH	RADW	CP Bar/PSI	Kg
100	32 x 32	1	3	**392.410-100-ASHR/L45-32**	100	150	17	32	100	120	140	32	50	80	14.2
					3.937	*5.906*	*.669*	*1.260*	*3.937*	*4.724*	*5.512*	*1.260*	*1.969*	*1160*	

ISO 13399 I1

CNSC CXSC I38

HSK to cylindrical shank adaptor





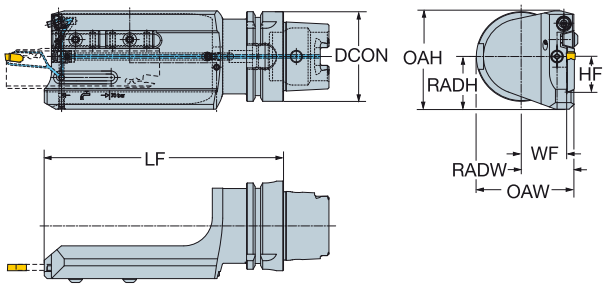
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	CP Bar/PSI	Kg
63	25	1	1	**392.T63-131-124-25**	63	25	124	67	0	0	80	0.1
					2.480	*.984*	*4.882*	*2.638*	*.000*	*.000*	*1160*	
	40	1	1	**392.T63-131-132-40**	63	40	132	61	0	0	80	0.1
					2.480	*1.575*	*5.197*	*2.402*	*.000*	*.000*	*1160*	

ISO 13399 I1

CNSC CXSC I38

HSK to blade adaptor





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	LF	WF	HF	OAW	OAH	RADH	RADW	CP Bar/PSI	Kg
63	25	1	6	392.419-63-APBR/L-25HP	63	168	32	25	68	69	37	37	80	2.2
					2.480	*6.614*	*1.260*	*.984*	*2.697*	*2.717*	*1.457*	*1.457*	*1160*	

Warning!

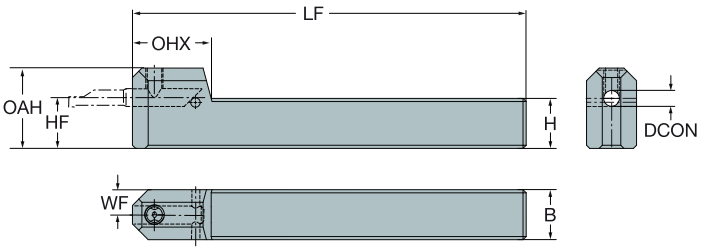
The adaptors are designed for automatic tool change. Make sure that there is no risk of interference in magazine and tool changing cycle.

ISO 13399 I1

CNSC CXSC I38

Rectangular shank to CoroTurn® XS adaptor





Metric version

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON	B	H	LPR	LF	WF	HF	OAH	Kg
12 x 12	4	19	19	0	0	**CXS-1212-04FN**	4	12	12	100	100	6	12	21	0.1
	5	25	25	0	0	**CXS-1212-05FN**	5	12	12	100	100	6	12	21	0.1
	6	26	26	0	0	**CXS-1212-06FN**	6	12	12	100	100	6	12	22	0.1
16 x 16	4	19	19	0	0	**CXS-1616-04FN**	4	16	16	125	125	8	16	25	0.2
	5	25	25	0	0	**CXS-1616-05FN**	5	16	16	125	125	8	16	25	0.2
	6	26	26	0	0	**CXS-1616-06FN**	6	16	16	125	125	8	16	26	0.2
	7	26	26	0	0	**CXS-1616-07FN**	7	16	16	125	125	8	16	26	0.2
20 x 20	4	19	19	0	0	**CXS-2020-04FN**	4	20	20	125	125	10	20	29	0.3
	5	25	25	0	0	**CXS-2020-05FN**	5	20	20	125	125	10	20	29	0.3
	6	25	25	0	0	**CXS-2020-06FN**	6	20	20	125	125	10	20	30	0.3
	7	26	26	0	0	**CXS-2020-07FN**	7	20	20	125	125	10	20	30	0.3
	8	32	32	0	0	**CXS-2020-08FN**	8	20	20	125	125	10	20	31	0.4
	10	34	34	0	0	**CXS-2020-10FN**	10	20	20	125	125	10	20	32	0.4
25 x 25	5	25	25	0	0	**CXS-2525-05FN**	5	25	25	150	150	12	25	34	0.7
	6	25	25	0	0	**CXS-2525-06FN**	6	25	25	150	150	12	25	35	0.7
	7	26	26	0	0	**CXS-2525-07FN**	7	25	25	150	150	12	25	35	0.7
	8	32	32	0	0	**CXS-2525-08FN**	8	25	25	150	150	12	25	36	0.7
	10	34	34	0	0	**CXS-2525-10FN**	10	25	25	150	150	12	25	37	0.7

Inch version

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, inch DCON	B	H	LPR	LF	WF	HF	OAH	Lbs
1/2 x 1/2	4	.748	.748	0	0	**CXS-08-04FN**	.157	.500	.500	4.000	4.000	.250	.500	.827	0.3
	5	.984	.984	0	0	**CXS-08-05FN**	.197	.500	.500	4.000	4.000	.250	.500	.846	0.3
	6	1.004	1.004	0	0	**CXS-08-06FN**	.236	.500	.500	4.000	4.000	.250	.500	.866	0.3
5/8 x 5/8	4	.748	.748	0	0	**CXS-10-04FN**	.157	.625	.625	5.000	5.000	.313	.625	.984	0.5
	5	.984	.984	0	0	**CXS-10-05FN**	.197	.625	.625	5.000	5.000	.313	.625	1.004	0.5
	6	1.004	1.004	0	0	**CXS-10-06FN**	.236	.625	.625	5.000	5.000	.313	.625	1.024	0.5
	7	1.043	1.043	0	0	**CXS-10-07FN**	.276	.625	.625	5.000	5.000	.313	.625	1.378	0.5
3/4 x 3/4	4	.748	.748	0	0	**CXS-12-04FN**	.157	.750	.750	5.000	5.000	.375	.750	1.142	0.8
	5	.984	.984	0	0	**CXS-12-05FN**	.197	.750	.750	5.000	5.000	.375	.750	1.161	0.8
	6	1.004	1.004	0	0	**CXS-12-06FN**	.236	.750	.750	5.000	5.000	.375	.750	1.181	0.8
	7	1.043	1.043	0	0	**CXS-12-07FN**	.276	.750	.750	5.000	5.000	.375	.750	1.201	0.8
	8	1.280	1.280	0	0	**CXS-12-08FN**	.315	.750	.750	4.921	4.921	.375	.750	1.181	0.9
	10	1.358	1.358	0	0	**CXS-12-10FN**	.394	.750	.750	4.921	4.921	.375	.750	1.220	0.9
1 x 1	5	.984	.984	0	0	**CXS-16-05FN**	.197	1.000	1.000	5.906	5.906	.500	1.000	1.358	1.5
	6	1.004	1.004	0	0	**CXS-16-06FN**	.236	1.000	1.000	5.906	5.906	.500	1.000	1.378	1.5
	7	1.043	1.043	0	0	**CXS-16-07FN**	.276	1.000	1.000	5.906	5.906	.500	1.000	1.398	1.5
	8	1.280	1.280	0	0	**CXS-16-08FN**	.315	1.000	1.000	5.906	5.906	.500	1.000	1.417	1.6
	10	1.358	1.358	0	0	**CXS-16-10FN**	.394	1.000	1.000	5.906	5.906	.500	1.000	1.457	1.6

N = Neutral

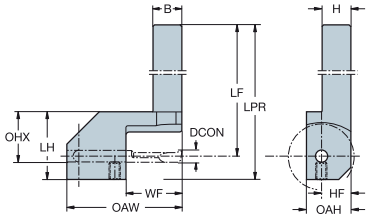
CZC$_{WS}$ to correspond with CZC$_{MS}$ on tool

ISO 13399 I1 CNSC CXSC I38 C3 - DC I20

Rectangular shank to CoroTurn® XS adaptor

For internal machining in sliding head machines





Metric version

CZC_{MS}	CZC_{WS}	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON	B	H	LPR	LF	WF	HF	OAW	OAH	CNT	CP Bar/PSI	Nm	Kg
10 x 10	4	29	29	1	2	**CXS-1010-04R/L**	4	10	10	29	89	8	10	36	16	M5	10	3	0.1
	5	29	29	1	2	**CXS-1010-05R/L**	5	10	10	29	89	13	10	48	16	M5	10	3	0.1
	6	29	29	1	2	**CXS-1010-06R/L**	6	10	10	29	89	18	10	53	16	M5	10	3	0.1
12 x 12	4	29	29	1	0	**CXS-1212-04R/L**	4	12	12	29	89	13	12	48	18		10	3	0.2
	5	29	29	1	0	**CXS-1212-05R/L**	5	12	12	29	89	6	12	36	18		10	3	0.2
	6	29	29	1	2	**CXS-1212-06R/L**	6	12	12	29	89	16	12	53	18	M5	10	3	0.2
16 x 16	5	29	34	1	0	**CXS-1616-05R/L**	5	16	16	29	94	11	16	48	22		10	3	0.3
	6	34	34	1	2	**CXS-1616-06R/L**	6	16	16	34	94	12	16	53	22	M5	10	3	0.3

To correspond with seat size on insert.
Insert tightening torque Nm.

R = Right hand, L = Left hand

Inch version

CZC_{MS}	CZC_{WS}	OHN	OHX	CNSC	Ordering code	Dimensions, inch DCON	B	H	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Ft/lbs	Lbs
3/8 x 3/8	4	1.142	1.142	1	**CXS-06-04R**	.157	.375	.375	1.142	3.504	.335	.375	1.437	.630	145	2	0.2
1/2 x 1/2	4	1.142	1.142	1	**CXS-08-04R**	.157	.500	.500	1.142	3.504	.209	.500	1.890	.748	145	2	0.2
	5	1.142	1.142	1	**CXS-08-05R**	.197	.500	.500	1.142	3.504	.406	.500	1.890	.748	145	2	0.2
	6	1.142	1.142	1	**CXS-08-06R**	.236	.500	.500	1.142	3.504	.602	.500	1.890	.748	145	2	0.2
5/8 x 5/8	5	1.339	1.339	1	**CXS-10-05R**	.197	.625	.625	1.339	3.701	.280	.625	2.087	.866	145	2	0.2
	6	1.339	1.339	1	**CXS-10-06R**	.236	.625	.625	1.339	3.701	.476	.625	2.087	.866	145	2	0.2

To correspond with seat size on insert.
Insert tightening torque ft-lbs.

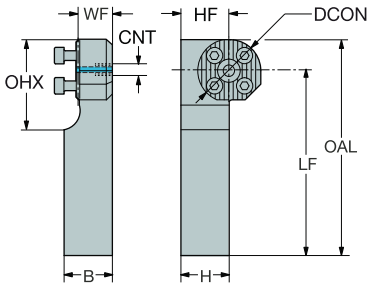
R = Right hand

ISO 13399 I1 CNSC CXSC I38 C3 – D C I20

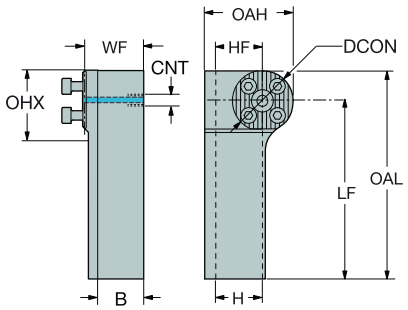
Rectangular shank to CoroTurn® SL adaptor



570-xxR/LF



570-xxR/LF-J/N



Metric version

CZC_{MS}	CZC_{WS}	OHX	CNSC	Ordering code	Dimensions, mm DCON	B	H	LF	WF	HF	OAH	RADH	RADW	CNT	CP Bar/PSI	Kg
20 x 20	25	25	2	**570-25R/LF-2020**	25	20	20	94	15	20		20	15	G1/8"	70	0.3
	32	29	2	**570-32R/LF-2020**	32	20	20	97	18	20		20	18	G1/8"	70	0.4
	32	26	2	**570-32R/LF-2020J**	32	20	20	97	27	20	36	20	27	G1/8"	70	0.6
25 x 25	25	26	2	**570-25R/LF-2525**	25	25	25	119	18	25		25	18	G1/8"	70	0.6
	32	32	2	**570-32R/LF-2525**	32	25	25	115	18	25		25	18	G1/8"	70	0.6
	32	25	2	**570-32R/LF-2525N**	32	25	25	119	32	25	47	25	32	G1/8"	70	0.6
	40	30	2	**570-40R/LF-2525N**	40	25	25	111	32	25	51	25	32	G1/8"	70	0.8
32 x 32	32	30	2	**570-32R/LF-3232**	32	32	32	135	26	32		32	26	G1/8"	70	1.2
	40	36	2	**570-40R/LF-3232**	40	32	32	134	26	32		32	26	G1/8"	70	1.3

Inch version

CZC_{MS}	CZC_{WS}	OHX	CNSC	Ordering code	Dimensions, inch DCON	B	H	LF	WF	HF	OAH	RADH	RADW	CNT	CP Bar/PSI	Lbs
3/4 x 3/4	25	.984	2	**570-25R/LF-12**	.984	.750	.750	3.785	.591	.750		.750	.591	1/8-27 NPSF	1015	0.6
	32	1.102	2	**570-32R/LF-12**	1.260	.750	.750	3.844	.709	.750		.750	.709	1/8-27 NPSF	1015	0.8
	32	.984	2	**570-32R/LF-12J**	1.260	.750	.750	3.923	1.045	.750	1.629	.750	1.045	G1/8"	1015	1.4
1 x 1	25	1.024	2	**570-25R/LF-16**	.984	1.000	1.000	4.803	.709	1.000		1.000	.709	1/8-27 NPSF	1015	1.5
	32	1.260	2	**570-32R/LF-16**	1.260	1.000	1.000	4.648	.709	1.000	1.630	1.000	.709	1/8-27 NPSF	1015	1.4
	32	.984	2	**570-32R/LF-16N**	1.260	1.000	1.000	4.648	1.295	1.000	1.879	1.000	1.295	G1/8"	1015	1.4
	40	1.181	2	**570-40R/LF-16N**	1.575	1.000	1.000	4.478	1.295	1.000	2.047	1.000	1.295	G1/8"	1015	1.7
1 1/4 x 1 1/4	32	1.220	2	**570-32R/LF-20**	1.260	1.250	1.250	5.648	1.024	1.250		1.250	1.024	1/8-27 NPSF	1015	2.8
	40	1.181	2	**570-40R/LF-20**	1.575	1.250	1.250	5.382	1.024	1.250		1.250	1.024	1/8-27 NPSF	1015	3.3

To correspond with coupling size, CZC_{WS} for respective CoroCut® SL and T-Max Q-Cut® SL blades. Right 0° fits left hand blade, right 45° fits right hand blade. Left and right 90° fit both left and right hand blade. Neutral 90° fits both left and right hand blade.

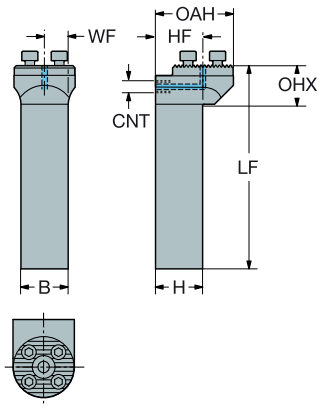
J or N in code = reinforced adapter with increased support areas. No coolant through possible.

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

ISO 13399 I1
CNSC CXSC I38

Rectangular shank to CoroTurn® SL adaptor





Metric version

CZC_{MS}	CZC_{WS}	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON	B	H	LPR	LF	WF	HF	OAW	OAH	CNT	CP Bar/PSI	Kg
20 x 20	25	21	1	1	**570-25NG-2020**	25	20	20	111	111	9	20	20	32	G1/8	80	0.3
	32	21	1	1	**570-32NG-2020**	32	20	20	103	103	9	20	20	36	G1/8	80	0.4
25 x 25	25	21	1	1	**570-25NG-2525**	25	25	25	132	132	12	25	25	37	G1/8	80	0.6
	32	21	1	1	**570-32NG-2525**	32	25	25	132	132	12	25	25	41	G1/8	80	0.6
	40	25	1	1	**570-40NG-2525**	40	25	25	132	132	12	25	40	45	G1/8	80	0.8
32 x 32	32	21	1	1	**570-32NG-3232**	32	32	32	152	152	15	32	32	48	G1/8	80	1.2
	40	26	1	1	**570-40NG-3232**	40	32	32	152	152	15	32	32	52	G1/8	80	1.2

Inch version

CZC_{MS}	CZC_{WS}	OHX	CNSC	CXSC	Ordering code	Dimensions, inch DCON	B	H	LPR	LF	WF	HF	OAW	OAH	CNT	CP Bar/PSI	Lbs
3/4 x 3/4	25	.827	1	1	**570-25NG-12**	.984	.750	.750	4.449	4.449	.374	.750	.750	1.248	G1/8	1160	0.7
	32	.827	1	1	**570-32NG-12**	1.260	.750	.750	4.120	4.120	.374	.750	.750	1.386	G1/8	1160	0.7
1 x 1	25	.827	1	1	**570-25NG-16**	.984	1.000	1.000	5.291	5.291	.499	1.000	1.000	1.504	G1/8	1160	1.4
	32	.827	1	1	**570-32NG-16**	1.260	1.000	1.000	5.291	5.291	.499	1.000	1.000	1.638	G1/8	1160	1.5
	40	.984	1	1	**570-40NG-16**	1.575	1.000	1.000	5.291	5.291	.499	1.000	1.575	1.795	G1/8	1160	1.7
1 1/4 x 1 1/4	32	.827	1	1	**570-32NG-20**	1.260	1.250	1.250	6.291	6.291	.625	1.250	1.250	1.886	G1/8	1160	2.7
	40	1.024	1	1	**570-40NG-20**	1.575	1.250	1.250	6.094	6.094	.625	1.250	1.250	2.047	G1/8	1160	2.8

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

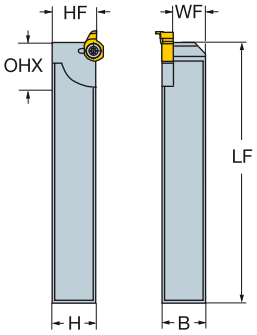
ISO 13399 I1

CNSC CXSC I38

Rectangular shank to CoroCut® MB adaptor

CoroCut® MB adaptor with rectangular shank





Metric version

CZC_{MS}	OHX	CNSC	Ordering code	Dimensions, mm B	H	LF	WF	HF	Nm	Kg
12 x 12	20	0	**MBG-1212-09R/L**	12	12	100	15	12	3	0.0
16 x 16	20	0	**MBG-1616-09R/L**	16	16	120	19	16	3	0.2
20 x 20	20	0	**MBG-2020-09R/L**	20	20	120	23	20	3	0.4
25 x 25	20	0	**MBG-2525-09R/L**	25	25	150	28	25	3	0.7

Inch version

CZC_{MS}	OHX	CNSC	Ordering code	Dimensions, inch B	H	LF	WF	HF	Ft/lbs	Lbs
1/2 x 1/2	.787	0	**MBG-08A-09R/L**	.500	.500	3.937	.622	.500	2	0.1
5/8 x 5/8	.787	0	**MBG-10C-09R/L**	.625	.625	4.724	.747	.625	2	0.4
3/4 x 3/4	.787	0	**MBG-12C-09R/L**	.750	.750	4.724	.872	.750	2	0.8
1 x 1	.787	0	**MBG-16D-09R/L**	1.000	1.000	5.906	1.122	1.000	2	1.5

To correspond with insert size on holder.
CZC_{WS} to correspond with CZC_{MS} on tool item
General minimum hole depends on insert; see respective insert ordering page.
R = Right hand, L = Left hand
Note: Right hand tools use left hand inserts and vice versa.

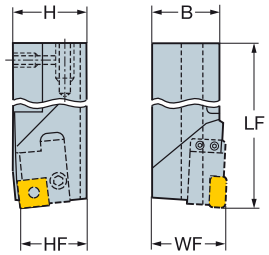
ISO 13399 I1
CNSC CXSC I38

Rectangular shank to cartridge adaptor

Railway wheel re-turning

For one cutting unit

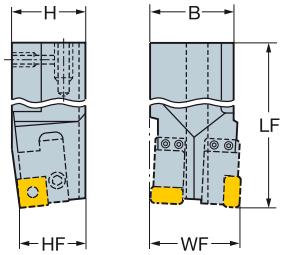




CZC_{MS}	CZC_{WS}	Ordering code	Dimensions, mm, inch B	H	HF	LF	WF	Kg
50 x 47	R/L3223	**R/L175.32-5047M**	22	50	44	275	44	3.8
			.890	*1.969*	*1.732*	*10.827*	*1.732*	

For two cutting units





CZC_{MS}	CZC_{WS}	Ordering code	Dimensions, mm, inch B	H	HF	LF	WF	Kg
50 x 55	L3223	**R/L175.32-5055M**	22	50	44	210	55	3.5
			2.165	*1.969*	*1.732*	*8.268*	*2.165*	
	R3223	**R/L175.33-5055**	55	50	44	210	55	3.8
			2.165	*1.969*	*1.732*	*8.268*	*2.165*	

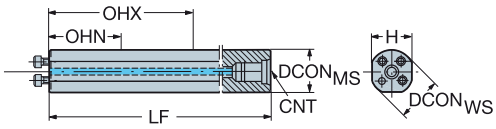
R = Right hand, L = Left hand

ISO 13399 I1

CNSC CXSC I38

Cylindrical shank to CoroTurn® SL adaptor





Metric version

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	H	LPR	LF	WF	HF	CNT	CP Bar/PSI	Kg
16	16	0	64	1	1	**570-2C 16 105**	16	16	15	105	105	0	0	G1/8"	70	0.1
20	20	0	80	1	1	**570-2C 20 140**	20	20	18	140	140	0	0	G1/4"	70	0.3
25	25	0	100	1	1	**570-2C 25 200**	25	25	23	200	200	0	0	G1/4"	70	0.7
32	32	0	128	1	1	**570-2C 32 218**	32	32	30	218	218	0	0	G3/8"	70	1.2
40	40	0	160	1	1	**570-2C 40 283**	40	40	37	283	283	0	0	G1/2"	70	2.9
50	50	0	200	1	1	**570-2C 50 360**	50	50	47	360	360	0	0	G1/2"	70	15.2
60	60	0	240	1	1	**570-2C 60 460**	60	60	57	460	460	0	0	G1/2"	70	15.1

EasyFix for 16-25 mm (.625-1.000 inch)

Inch version

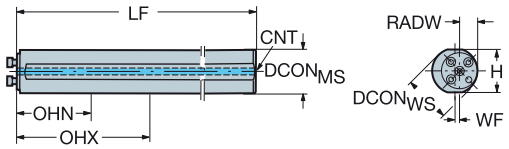
CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, inch DCON$_{MS}$	DCON$_{WS}$	H	LPR	LF	WF	HF	CNT	CP Bar/PSI	Lbs
5/8	16	.000	2.500	1	1	**A570-2C D10 04-16**	.625	.630	.560	4.210	4.210	.000	.000	G1/8	1015	0.2
3/4	20	1.732	3.000	1	1	**A570-2C D12 05-20**	.750	.787	.710	5.200	5.200	.000	.000	G1/4	1015	0.5
1	25	2.402	4.000	1	1	**A570-2C D16 07-25**	1.000	.984	.910	7.200	7.200	.000	.000	G1/4	1015	1.4
1 1/4	32	2.913	5.000	1	1	**A570-2C D20 09-32**	1.250	1.260	1.180	8.740	8.740	.000	.000	G3/8	1015	2.3
1 1/2	40	3.583	6.000	1	1	**A570-2C D24 11-40**	1.500	1.575	1.370	10.750	10.750	.000	.000	G1/2	1015	3.5
2	50	4.803	8.000	1	1	**A570-2C D32 14-50**	2.000	1.969	1.870	14.410	14.410	.000	.000	G1/2	1015	11.3
2 1/2	60	6.142	10.000	1	1	**A570-2C D40 18-60**	2.500	2.362	2.380	18.430	18.430	.000	.000	G1/2	1015	11.3

EasyFix for 16-25 mm (.625-1.000 inch)

ISO 13399 I1
CNSC CXSC I38

Cylindrical shank to CoroTurn® SL adaptor





Metric version

CZCMS	CZCWS	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	H	LF	WF	HF	CNT	CP Bar/PSI	kg
50	40	0	200	1	1	**570-2C 50 368-40**	50	40	47	368	5	0	G1/2"	70	5.2
60	40	0	240	1	1	**570-2C 60 468-40**	60	40	57	468	10	0	G1/2"	70	10.0

EasyFix for 16-25 mm (.625-1.000 inch)

Inch version

CZCMS	CZCWS	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, inch DCONMS	DCONWS	H	LPR	LF	WF	HF	CNT	CP Bar/PSI	Lbs
1 3/4	40	.394	7.000	1	1	**A570-2C D28 13-40**	1.750	1.575	1.624	12.992	12.992	.000	.000	G1/2	1015	6.8
2	40	.433	8.000	1	1	**A570-2C D32 15-40**	2.000	1.575	1.870	14.720	14.720	.213	.000	G1/2	1015	11.3
2 1/2	40	.433	10.000	1	1	**A570-2C D40 19-40**	2.500	1.575	2.380	18.740	18.740	.462	.000	G1/2	1015	11.3

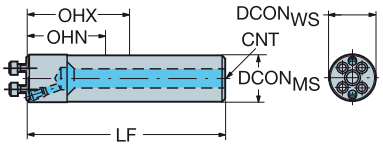
EasyFix for 16-25 mm (.625-1.000 inch)

ISO 13399 I1

CNSC CXSC I38

Cylindrical shank to CoroTurn® SL solid carbide adaptor





Metric version

CZCMS	CZCWS	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	LF	WF	HF	CNT	CP Bar/PSI	Kg
16	16	14	96	1	1	**570-2C 16 170 CR**	16	16	170	0	0	G1/8"	70	0.4
20	20	15	120	1	1	**570-2C 20 200 CR**	20	20	200	0	0	G1/8"	70	1.0
25	25	20	150	1	1	**570-2C 25 250 CR**	25	25	250	0	0	G1/8"	70	1.5

EasyFix for 16-25 mm (.625-1.000 inch)

Inch version

CZCMS	CZCWS	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, inch DCONMS	DCONWS	LPR	LF	WF	HF	CNT	CP Bar/PSI	Lbs
5/8	16	1.181	3.750	1	1	**A570-2C D10 07-16 CR**	.625	.630	7.087	7.087	.000	.000	G1/8	1015	0.7
3/4	20	1.181	4.500	1	1	**A570-2C D12 08-20 CR**	.750	.787	8.071	8.071	.000	.000	G1/4	1015	1.6
1	25	1.181	6.000	1	1	**A570-2C D16 10-25 CR**	1.000	.984	10.039	10.039	.000	.000	G1/4	1015	3.5

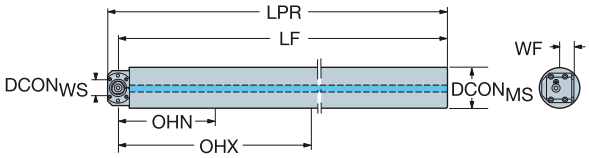
EasyFix for 16-25 mm (.625-1.000 inch)

ISO 13399 I1

CNSC CXSC I38

Cylindrical shank to Coromant Capto® dampened adaptor





SilentTools®

Metric version

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	CNT	CP Bar/PSI	Kg
80	C3	298	778	1	1	**CU-3C801200-C3**	80	32	1215	1215	37	0	G3/4	70	43.4
100	C3	378	978	1	1	**CU-3C1001500-C3**	100	32	1515	1515	26	0	G3/4	70	90.0
	C4	373	973	1	1	**CU-3C1001500-C4**	100	40	1520	1520	41	0	G3/4	70	43.4

EasyFix for 16-25 mm (.625-1.000 inch)

Inch version

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	CNT	CP Bar/PSI	Lbs
3	C3	12.402	30.630	1	1	**CU-3CD4845-C3**	3.000	1.260	45.591	45.591	1.457	.000	G3/4	1015	145.9
4	C3	14.882	38.504	1	1	**CU-3CD6460-C3**	4.000	1.260	60.591	60.591	1.024	.000	G3/4	1015	206.8
	C4	14.685	38.307	1	1	**CU-3CD6460-C4**	4.000	1.575	60.787	60.787	1.614	.000	G3/4	1015	145.9

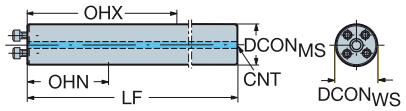
EasyFix for 16-25 mm (.625-1.000 inch)

ISO 13399 I1

CNSC CXSC I38

Cylindrical shank to CoroTurn® SL dampened adaptor





SilentTools®

Metric version

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	CNT	CP Bar/PSI	Kg
16	16	55	92	1	3	570-3C 16 156	16	16	156	156	0	0	G1/8"	70	0.2
20	20	70	120	1	3	570-3C 20 200	20	20	200	200	0	0	G1/4"	70	0.4
25	25	88	158	1	3	570-3C 25 255	25	25	255	255	0	0	G1/4"	70	1.0
	25	155	230	1	3	570-3C 25 330	25	25	330	330	0	0	G1/4"	70	1.2
	25	88	158	1	1	SL-3C 25 255	25	25	255	255	0	0	G 1/4"	70	0.9
	25	155	230	1	1	SL-3C 25 330	25	25	330	330	0	0	G 1/4"	70	1.3
32	32	100	192	1	1	570-3C 32 320	32	32	320	320	0	0	G3/8"	70	2.1
	32	192	288	1	1	570-3C 32 416	32	32	416	416	0	0	G3/8"	70	2.9
40	40	128	248	1	1	570-3C 40 408	40	40	408	408	0	0	G1/2"	70	4.6
	40	248	368	1	1	570-3C 40 528	40	40	528	528	0	0	G1/2"	70	15.3
50	50	165	310	1	1	570-3C 50 510	50	50	510	510	0	0	G1/2"	70	15.4
	50	310	460	1	1	570-3C 50 660	50	50	660	660	0	0	G1/2"	70	15.4
60	60	200	380	1	1	570-3C 60 620	60	60	620	620	0	0	G3/4"	70	15.6
	60	380	560	1	1	570-3C 60 800	60	60	800	800	0	0	G3/4"	70	15.6

EasyFix for 16-25 mm (.625-1.000 inch)

Inch version

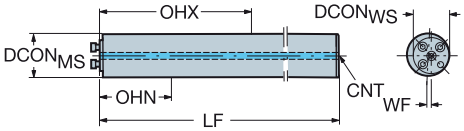
CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	CNT	CP Bar/PSI	Lbs
5/8	16	2.165	3.583	1	3	A570-3C D10 06-16	.625	.630	6.142	6.142	.000	.000	G1/8"	1015	0.5
3/4	20	3.071	4.449	1	3	A570-3C D12 08-20	.750	.787	7.874	7.874	.000	.000	G1/8"	1015	0.9
1	25	3.346	6.220	1	3	A570-3C D16 10-25	1.000	.984	10.197	10.197	.000	.000	G1/4"	1015	1.8
	25	6.102	9.213	1	3	A570-3C D16 13-25	1.000	.984	13.213	13.189	.000	.000	G1/4"	1015	2.8
	25	3.346	6.220	1	1	SL-3C D16 10-25	1.000	.984	10.200	10.200	.000	.000	G 1/4"	1015	4.6
	25	6.102	9.213	1	1	SL-3C D16 13-25	1.000	.984	13.213	13.213	.000	.000	G 1/4"	1015	6.3
1 1/4	32	3.937	7.480	1	1	A570-3C D20 12-32	1.250	1.260	12.480	12.480	.000	.000	G3/8"	1015	3.5
	32	7.559	11.260	1	1	A570-3C D20 16-32	1.250	1.260	16.221	16.221	.000	.000	G3/8"	1015	4.8
1 1/2	32	5.039	9.252	1	1	A570-3C D24 15-32	1.500	1.260	15.264	15.264	.120	.000	G1/2"	1015	6.8
	32	9.764	13.740	1	1	A570-3C D24 20-32	1.500	1.260	19.803	19.803	.120	.000	G1/2"	1015	6.8

EasyFix for 16-25 mm (.625-1.000 inch)

ISO 13399 I1
CNSC CXSC I38

Cylindrical shank to CoroTurn® SL dampened adaptor





SilentTools®

Metric version

CZCMS	CZCWS	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	LPR	LF	WF	HF	CNT	CP Bar/PSI	kg
50	40	168	318	1	1	570-3C 50 518-40	50	40	518	518	5	0	G1/2"	70	15.4
	40	318	468	1	1	570-3C 50 668-40	50	40	668	668	5	0	G1/2"	70	15.4
60	40	208	388	1	1	570-3C 60 628-40	60	40	628	628	10	0	G3/4"	70	15.6
	40	388	568	1	1	570-3C 60 808-40	60	40	808	808	10	0	G3/4"	70	15.7

EasyFix for 16-25 mm (.625-1.000 inch)

Inch version

CZCMS	CZCWS	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, inch DCONMS	DCONWS	LPR	LF	WF	HF	CNT	CP Bar/PSI	Lbs
1 3/4	40	5.748	10.984	1	1	A570-3C D28 17-40	1.750	1.575	17.028	17.008	.088	.000	G1/2"	1015	6.8
	40	10.984	16.221	1	1	A570-3C D28 23-40	1.750	1.575	23.012	23.012	.088	.000	G1/2"	1015	11.3
2	40	6.811	12.756	1	1	A570-3C D32 21-40	2.000	1.575	20.784	20.784	.213	.000	G1/2"	1015	11.3
	40	12.520	18.740	1	1	A570-3C D32 27-40	2.000	1.575	26.732	26.732	.213	.000	G1/2"	1015	11.4
	50	6.496	12.441	1	1	A570-3C D32 20-50	2.000	1.969	20.409	20.409	.000	.000	G1/2	1015	11.3
	50	7.870	18.425	1	1	A570-3C D32 26-50	2.000	1.969	26.417	26.417	.000	.000	G1/2	1015	11.4
2 1/2	40	8.189	16.221	1	1	A570-3C D40 26-40	2.500	1.575	26.280	26.280	.465	.000	G3/4"	1015	11.4
	40	15.276	23.701	1	1	A570-3C D40 34-40	2.500	1.575	33.760	33.760	.465	.000	G3/4"	1015	11.4
	60	7.870	15.945	1	1	A570-3C D40 26-60	2.500	2.362	25.925	25.925	.000	.000	G3/4	1015	11.4
	60	9.840	23.425	1	1	A570-3C D40 33-60	2.500	2.362	33.406	33.406	.000	.000	G3/4	1015	11.4

EasyFix for 16-25 mm (.625-1.000 inch)

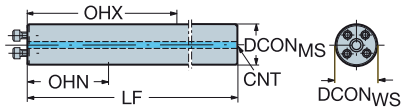
ISO 13399 I1

CNSC CXSC I38

Cylindrical shank to CoroTurn® SL dampened adaptor

Carbide reinforced boring bar





SilentTools®

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	CNT	CP Bar/PSI	Kg
25	25	230	280	1	3	570-3C 25 380 CR	25	25	380	380	0	0	G1/8"	70	6.3
	25	280	330	1	3	570-3C 25 430 CR	25	25	430	430	0	0	G1/8"	70	6.4
	25	225	280	1	1	SL-3C 25 380 CR	25	25	380	380	0	0	G 1/8"	70	6.3
	25	275	330	1	1	SL-3C 25 430 CR	25	25	430	430	0	0	G 1/8"	70	6.4
32	32	288	352	1	1	570-3C 32 480 CR	32	32	480	480	0	0	G1/4"	70	4.5
	32	352	416	1	1	570-3C 32 544 CR	32	32	544	544	0	0	G1/4"	70	4.5
40	40	368	448	1	1	570-3C 40 608 CR	40	40	608	608	0	0	G3/8"	70	15.4
	40	448	528	1	1	570-3C 40 688 CR	40	40	688	688	0	0	G3/8"	70	15.4
50	40	468	568	1	1	570-3C 50 760-40 CR	50	40	760	760	5	0	G1/2"	70	15.4
	40	568	668	1	1	570-3C 50 861-40 CR	50	40	861	861	5	0	G1/2"	70	15.4
60	40	688	808	1	1	570-3C 60 1040-40 CR	60	40	1040	1040	10	0	G3/4"	70	7.0
	40	588	688	1	1	570-3C 60 920-40 CR	60	40	920	920	10	0	G3/4"	70	15.7

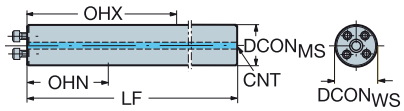
EasyFix for 16-25 mm (.625-1.000 inch)

ISO 13399 I1
CNSC CXSC I38

Cylindrical shank to CoroTurn® SL dampened adaptor

Carbide reinforced boring bar





SilentTools®

Metric version

CZC_{MS}	CZC_{WS}	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm $DCON_{MS}$	$DCON_{WS}$	LPR	LF	WF	HF	CP Bar/PSI	Kg
16	16	96	140	1	3	**570-3C 16 204 CR**	16	16	204	204	0	0	70	0.1
20	20	120	180	1	3	**570-3C 20 260 CR**	20	20	260	260	0	0	70	1.0

EasyFix for 16-25 mm (.625-1.000 inch)

Inch version

CZC_{MS}	CZC_{WS}	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, inch $DCON_{MS}$	$DCON_{WS}$	LPR	LF	WF	HF	CP Bar/PSI	Lbs
5/8	16	3.150	5.512	1	3	**A570-3C D10 08-16 CR**	.625	.630	8.032	8.032	.000	.000	1015	1.8
3/4	20	4.016	7.087	1	3	**A570-3C D12 10-20 CR**	.750	.787	10.236	10.236	.000	.000	1015	2.8

EasyFix for 16-25 mm (.625-1.000 inch)

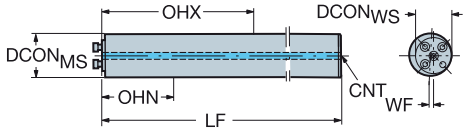
ISO 13399 I1

CNSC CXSC I38

Cylindrical shank to CoroTurn® SL dampened adaptor

Short dampened boring bars





SilentTools®

Metric version

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	CNT	CP Bar/PSI	Kg
40	40	80	168	1	1	570-4C 40 330	40	40	330	330	0	0	G1/2"	70	4.6
50	40	90	218	1	1	570-4C 50 430-40	50	40	430	430	5	0	G1/2"	70	16.5
60	40	90	268	1	1	570-4C 60 510-40	60	40	510	510	10	0	G3/4"	70	16.7

EasyFix for 16-25 mm (.625-1.000 inch)

Inch version

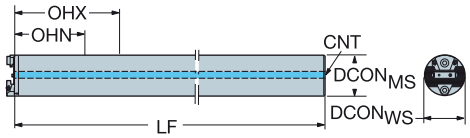
CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	CNT	CP Bar/PSI	Lbs
1 1/2	32	3.150	6.220	1	1	A570-4C D24 13-32	1.500	1.260	13.150	13.150	.120	.000	G1/2"	1015	7.7
1 3/4	40	3.543	7.402	1	1	A570-4C D28 15-40	1.750	1.575	14.921	14.921	.088	.000	G1/2"	1015	6.9
2	40	3.543	8.819	1	1	A570-4C D32 17-40	2.000	1.575	17.165	17.165	.213	.000	G1/2"	1015	11.8
2 1/2	40	3.543	11.260	1	1	A570-4C D40 22-40	2.500	1.575	22.047	22.047	.463	.000	G3/4"	1015	27.5

EasyFix for 16-25 mm (.625-1.000 inch)

ISO 13399 I1
CNSC CXSC I38

Cylindrical shank to CoroTurn® SL quick change dampened adaptor





SilentTools®

Metric version

CZC_{MS}	CZC_{WS}	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm $DCON_{MS}$	$DCON_{WS}$	LPR	LF	WF	HF	CNT	CP Bar/PSI	Kg
80	80	360	755	1	1	**570-3C 80 1200**	80	80	1200	1200	0	0	G3/4"	70	51.3
	80	360	515	1	1	**570-3C 80 880**	80	80	880	880	0	0	G3/4"	70	31.3
100	80	415	655	1	1	**570-3C 100 1100**	100	80	1100	1100	0	0	G3/4"	70	63.1
	80	415	955	1	1	**570-3C 100 1500**	100	80	1500	1500	0	0	G3/4"	70	86.6

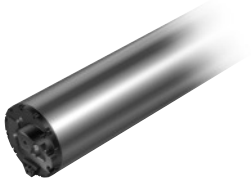
Inch version

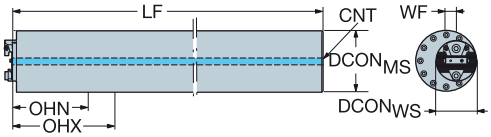
CZC_{MS}	CZC_{WS}	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, inch $DCON_{MS}$	$DCON_{WS}$	LPR	LF	WF	HF	CNT	CP Bar/PSI	Lbs
3	80	24.803	19.228	1	1	**A570-3C D48 33**	3.000	3.150	33.000	19.228	.000	.000	G3/4"	1015	88.0
	80	24.803	28.228	1	1	**A570-3C D48 45**	3.000	3.150	45.000	28.228	.000	.000	G3/4"	1015	89.1
4	80	16.339	26.228	1	1	**A570-3C D64 44**	4.000	3.150	44.000	26.228	.000	.000	G3/4"	1015	141.9
	80	16.339	38.228	1	1	**A570-3C D64 60**	4.000	3.150	60.000	38.228	.000	.000	G3/4"	1015	145.9

ISO 13399 I1

CNSC CXSC I38

Cylindrical shank to CoroTurn® SL quick change dampened adaptor





SilentTools®

Metric version

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	CNT	CP Bar/PSI	Kg
120	80	795	1155	1	1	**570-3C 120 1900R/L**	120	80	1900	1900	20	0	G3/4"	70	128.0
150	80	1005	1455	1	1	**570-3C 150 2400R/L**	150	80	2400	2400	35	0	G3/4"	70	252.0

Inch version

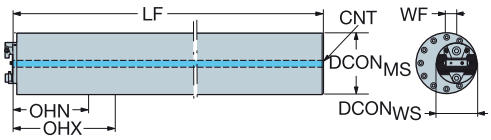
CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	CNT	CP Bar/PSI	Lbs
5	80	31.299	45.472	1	1	**A570-3C D80 75R/L**	5.000	3.150	74.803	74.803	.787	.000	G3/4"	1015	146.3
6	80	39.567	57.284	1	1	**A570-3C D96 95R/L**	6.000	3.150	94.488	94.488	1.378	.000	G3/4"	1015	147.8

ISO 13399 I1

CNSC CXSC I38

Cylindrical shank to CoroTurn® SL quick change dampened adaptor





SilentTools®

Metric version

CZCMS	CZCWS	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	LPR	LF	WF	HF	CNT	CP Bar/PSI	Kg
200	80	1355	1955	1	1	**570-3C 200 3200R/L**	200	80	3200	3200	59	0	G1"	70	604.0
250	80	1705	2455	1	1	**570-3C 250 4000R/L**	250	80	4000	4000	85	0	G1"	70	980.0

Inch version

CZCMS	CZCWS	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, inch DCONMS	DCONWS	LPR	LF	WF	HF	CNT	CP Bar/PSI	Lbs
8	80	53.347	76.969	1	1	**A570-3C D128 126R/L**	8.000	3.150	125.984	125.984	.000	.000	G1"	1015	81.1
10	80	67.126	96.654	1	1	**A570-3C D160 157R/L**	10.000	3.150	157.480	157.480	.000	.000	G1"	1015	88.0

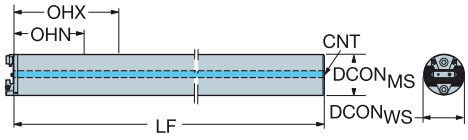
ISO 13399 I1

CNSC CXSC I38

Cylindrical shank to CoroTurn® SL quick change dampened adaptor

Carbide reinforced boring bar





SilentTools®

Metric version

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	CNT	CP Bar/PSI	Kg
80	80	755	916	1	1	**570-3C 80 1240 CR**	80	80	1240	1240	0	0	G3/4"	70	50.0
	80	916	1076	1	1	**570-3C 80 1400 CR**	80	80	1400	1400	0	0	G3/4"	70	63.0
100	80	955	1155	1	1	**570-3C 100 1560 CR**	100	80	1560	1560	0	0	G3/4"	50	102.0
	100	1155	1355	1	1	**570-3C 100 1760 CR**	100	100	1760	1760	0	0	G3/4"	70	129.0

ISO 13399 I1

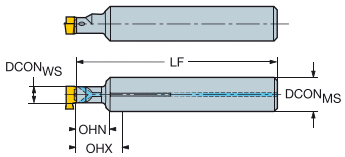
CNSC CXSC I38

Cylindrical shank to CoroCut® MB adaptor

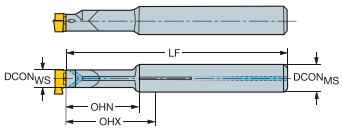
With groove for EasyFix sleeve



MB..Axx..R
Steel shank



MB..Exx..R
Carbide shank



Metric version

							Dimensions, mm							
CZC_{MS}	CZC_{WS}	OHN	OHX	CNSC	CXSC	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LPR	LF	WF	HF	CP Bar/PSI	Kg
12	07	24	24	1	1	**MB-E12-24-07R**	12	7	88	88	0	0	10	0.2
	07	32	32	1	1	**MB-E12-32-07R**	12	7	96	96	0	0	10	0.1
	07	48	48	1	1	**MB-E12-48-07R**	12	7	111	111	0	0	10	0.1
	09	34	34	1	1	**MB-E12-34-09R**	12	9	94	94	0	0	10	0.1
	09	45	45	1	1	**MB-E12-45-09R**	12	9	104	104	0	0	10	0.1
	09	64	64	1	1	**MB-E12-64-09R**	12	9	124	124	0	0	10	0.1
16	07	16	16	1	1	**MB-A16-16-07R**	16	7	93	93	0	0	10	0.1
	09	20	20	1	1	**MB-A16-20-09R**	16	9	94	94	0	0	10	0.1
	09	34	34	1	1	**MB-E16-34-09R**	16	9	94	94	0	0	10	0.2
	09	45	45	1	1	**MB-E16-45-09R**	16	9	104	104	0	0	10	0.2
	09	64	64	1	1	**MB-E16-64-09R**	16	9	124	124	0	0	10	0.2
	11	42	42	1	1	**MB-E16-42-11R**	16	11	94	94	0	0	10	0.2
	11	60	60	1	1	**MB-E16-60-11R**	16	11	124	124	0	0	10	0.2
	11	85	85	1	1	**MB-E16-85-11R**	16	11	154	154	0	0	10	0.3
20	11	25	25	1	1	**MB-A20-25-11R**	20	11	89	89	0	0	10	0.2
	11	40	40	1	1	**MB-A20-40-11R**	20	11	99	99	0	0	10	0.2
	11	85	85	1	1	**MB-E20-85-11R**	20	11	154	154	0	0	10	0.4

General minimum hole depends on insert; see respective insert ordering page.

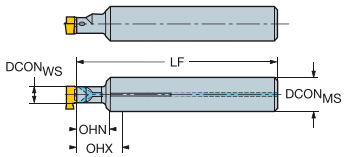
ISO 13399 I1 CNSC CXSC I38 C3 – D C I30

Cylindrical shank to CoroCut® MB adaptor

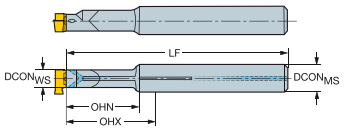
With groove for EasyFix sleeve



MB..Axx..R
Steel shank



MB..Exx..R
Carbide shank



Inch version

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	CP Bar/PSI	Lbs
1/2	07	1.260	1.260	1	1	**MB-E0500-12-07R**	.500	.276	3.783	3.783	.000	.000	145	0.2
	07	1.890	1.890	1	1	**MB-E0500-19-07R**	.500	.276	4.374	4.374	.000	.000	145	1.1
	09	1.339	1.339	1	1	**MB-E0500-13-09R**	.500	.354	3.728	3.728	.000	.000	145	0.2
	09	1.772	1.693	1	1	**MB-E0500-17-09R**	.500	.354	4.122	4.122	.000	.000	145	0.2
	09	2.520	2.520	1	1	**MB-E0500-25-09R**	.500	.354	4.909	4.909	.000	.000	145	0.4
5/8	07	.630	.630	1	1	**MB-A0625-06-07R**	.625	.276	3.665	3.665	.000	.000	145	0.2
	09	.787	.787	1	1	**MB-A0625-08-09R**	.625	.354	3.728	3.728	.000	.000	145	0.7
	09	1.339	1.339	1	1	**MB-E0625-13-09R**	.625	.354	3.728	3.728	.000	.000	145	0.4
	09	1.772	1.772	1	1	**MB-E0625-17-09R**	.625	.354	4.122	4.122	.000	.000	145	0.4
	09	2.520	2.520	1	1	**MB-E0625-25-09R**	.625	.354	4.909	4.909	.000	.000	145	0.9
	11	1.654	1.654	1	1	**MB-E0625-16-11R**	.625	.433	3.717	3.717	.000	.000	145	0.5
	11	2.362	2.362	1	1	**MB-E0625-23-11R**	.625	.433	4.898	4.898	.000	.000	145	0.5
	11	3.346	3.346	1	1	**MB-E0625-33-11R**	.625	.433	6.079	6.079	.000	.000	145	0.7
3/4	11	1.000	1.000	1	1	**MB-A0750-10-11R**	.750	.433	3.520	3.520	.000	.000	145	0.4
	11	1.500	1.500	1	1	**MB-A0750-15-11R**	.750	.433	3.913	3.913	.000	.000	145	0.4
	11	3.346	3.346	1	1	**MB-E0750-33-11R**	.750	.433	6.079	6.079	.000	.000	145	0.8

General minimum hole depends on insert; see respective insert ordering page.

ISO 13399 I1 CNSC CXSC I38 C3 1 – D C 2 3 I30

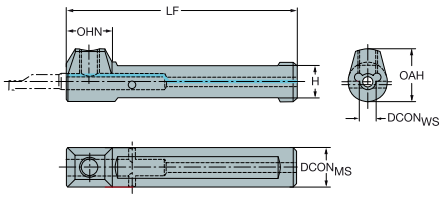
Cylindrical shank with flat to CoroTurn® XS adaptor

With internal coolant supply

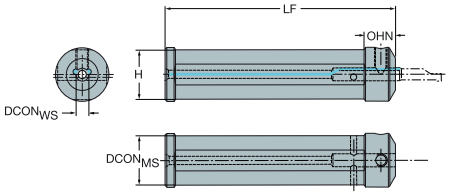
Cylindrical with two flats



DSGN 1



2



For Star machines

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	OAH	CP Bar/PSI	Kg
22	4	14	14	1	1	2	CXS-A22-04	22	4	110	110	0	0	22	10	0.3
		.551	*.551*					*.866*	*.157*	*4.331*	*4.331*	*.000*	*.000*	*.866*	*145*	
	5	14	14	1	1	2	CXS-A22-05	22	5	110	110	0	0	22	10	0.3
		.551	*.551*					*.866*	*.197*	*4.331*	*4.331*	*.000*	*.000*	*.866*	*145*	
	6	14	14	1	1	2	CXS-A22-06	22	6	110	110	0	0	22	10	0.2
		.551	*.551*					*.866*	*.236*	*4.331*	*4.331*	*.000*	*.000*	*.866*	*145*	
	7	14	14	1	1	2	CXS-A22-07	22	7	110	110	0	0	22	10	0.3
		.551	*.551*					*.866*	*.276*	*4.331*	*4.331*	*.000*	*.000*	*.866*	*145*	

For Nomura machines

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	OAH	CP Bar/PSI	Kg
23	4	14	14	1	1	1	CXS-A23-04	23	4	110	110	0	0	23	10	0.3
		.551	*.551*					*.906*	*.157*	*4.331*	*4.331*	*.000*	*.000*	*.906*	*145*	
	5	14	14	1	1	1	CXS-A23-05	23	5	110	110	0	0	23	10	0.3
		.551	*.551*					*.906*	*.197*	*4.331*	*4.331*	*.000*	*.000*	*.906*	*145*	
	6	14	14	1	1	1	CXS-A23-06	23	6	110	110	0	0	23	10	0.3
		.551	*.551*					*.906*	*.236*	*4.331*	*4.331*	*.000*	*.000*	*.906*	*145*	
	7	14	14	1	1	1	CXS-A23-07	23	7	110	110	0	0	23	10	0.3
		.551	*.551*					*.906*	*.276*	*4.331*	*4.331*	*.000*	*.000*	*.906*	*145*	

For Tsugami/Miyano machines

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	OAH	CP Bar/PSI	Kg
25	4	15	15	1	1	1	CXS-A25-04	25	4	110	110	0	0	25	10	0.4
		.591	*.591*					*.984*	*.157*	*4.331*	*4.331*	*.000*	*.000*	*.984*	*145*	
	5	15	15	1	1	1	CXS-A25-05	25	5	110	110	0	0	25	10	0.4
		.591	*.591*					*.984*	*.197*	*4.331*	*4.331*	*.000*	*.000*	*.984*	*145*	
	6	15	15	1	1	1	CXS-A25-06	25	6	110	110	0	0	25	10	0.3
		.591	*.591*					*.984*	*.236*	*4.331*	*4.331*	*.000*	*.000*	*.984*	*145*	
	7	15	15	1	1	1	CXS-A25-07	25	7	110	110	0	0	25	10	0.3
		.591	*.591*					*.984*	*.276*	*4.331*	*4.331*	*.000*	*.000*	*.984*	*145*	

CZC$_{WS}$ to correspond with CZC$_{MS}$ on tool

ISO 13399 I1 CNSC CXSC I38 C3 - D C I20

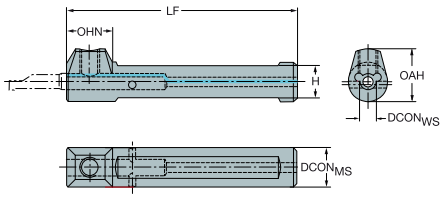
Cylindrical shank with flat to CoroTurn® XS adaptor

With internal coolant supply

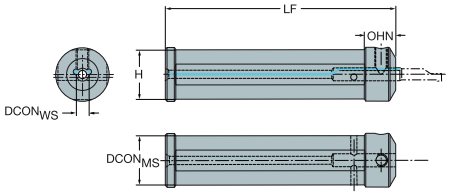
Cylindrical with two flats



DSGN 1



2



For Traub machines

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	CP Bar/PSI	Kg
28	4	17	17	1	1	1	CXS-A28-04	28	4	120	120	0	0	10	0.3
		.669	*.669*					*1.102*	*.157*	*4.724*	*4.724*	*.000*	*.000*	*145*	
	5	17	17	1	1	1	CXS-A28-05	28	5	120	120	0	0	10	0.3
		.669	*.669*					*1.102*	*.197*	*4.724*	*4.724*	*.000*	*.000*	*145*	
	6	17	17	1	1	1	CXS-A28-06	28	6	120	120	0	0	10	0.3
		.669	*.669*					*1.102*	*.236*	*4.724*	*4.724*	*.000*	*.000*	*145*	
	7	17	17	1	1	1	CXS-A28-07	28	7	120	120	0	0	10	0.3
		.669	*.669*					*1.102*	*.276*	*4.724*	*4.724*	*.000*	*.000*	*145*	

For Citizen machines

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF	WF	HF	OAH	CP Bar/PSI	Kg
3/4	4	14	14	1	1	1	CXS-A0750-04	19	4	110	110	0	0	20	10	0.3
		.551	*.551*					*.750*	*.157*	*4.331*	*4.331*	*.000*	*.000*	*.787*	*145*	
1	4	15	15	1	1	2	CXS-A1000-04M	25	4	110	110	0	0	25	10	0.3
		.591	*.591*					*1.000*	*.157*	*4.331*	*4.331*	*.000*	*.000*	*1.000*	*145*	
3/4	5	14	14	1	1	1	CXS-A0750-05	19	5	110	110	0	0	20	10	0.3
		.551	*.551*					*.750*	*.197*	*4.331*	*4.331*	*.000*	*.000*	*.787*	*145*	
1	5	15	15	1	1	2	CXS-A1000-05M	25	5	110	110	0	0	25	10	0.3
		.591	*.591*					*1.000*	*.197*	*4.331*	*4.331*	*.000*	*.000*	*1.000*	*145*	
3/4	6	14	14	1	1	1	CXS-A0750-06	19	6	110	110	0	0	22	10	0.3
		.551	*.551*					*.750*	*.236*	*4.331*	*4.331*	*.000*	*.000*	*.866*	*145*	
1	6	15	15	1	1	2	CXS-A1000-06M	25	6	110	110	0	0	25	10	0.3
		.591	*.591*					*1.000*	*.236*	*4.331*	*4.331*	*.000*	*.000*	*1.000*	*145*	
3/4	7	14	14	1	1	1	CXS-A0750-07	19	7	110	110	0	0	22	10	0.3
		.551	*.551*					*.750*	*.276*	*4.331*	*4.331*	*.000*	*.000*	*.866*	*145*	
1	7	15	15	1	1	2	CXS-A1000-07M	25	7	110	110	0	0	25	10	0.3
		.591	*.591*					*1.000*	*.276*	*4.331*	*4.331*	*.000*	*.000*	*1.000*	*145*	
3/4	8	14	14	1	1	1	CXS-A0750-08	19	8	75	75	0	0	24	10	0.2
		.551	*.551*					*.750*	*.315*	*2.953*	*2.953*	*.000*	*.000*	*.945*	*145*	
1	8	15	15	1	1	2	CXS-A1000-08	25	8	110	110	0	0	25	10	0.4
		.591	*.591*					*1.000*	*.315*	*4.331*	*4.331*	*.000*	*.000*	*1.000*	*145*	
3/4	10	14	14	1	1	1	CXS-A0750-10	19	10	110	110	0	0	24	10	0.2
		.551	*.551*					*.750*	*.394*	*4.331*	*4.331*	*.000*	*.000*	*.945*	*145*	
1	10	15	15	1	1	2	CXS-A1000-10	25	10	110	110	0	0	25	10	0.4
		.591	*.591*					*1.000*	*.394*	*4.331*	*4.331*	*.000*	*.000*	*1.000*	*145*	

CZC$_{WS}$ to correspond with CZC$_{MS}$ on tool

ISO 13399 I1 CNSC CXSC I38 C3 - D C I20

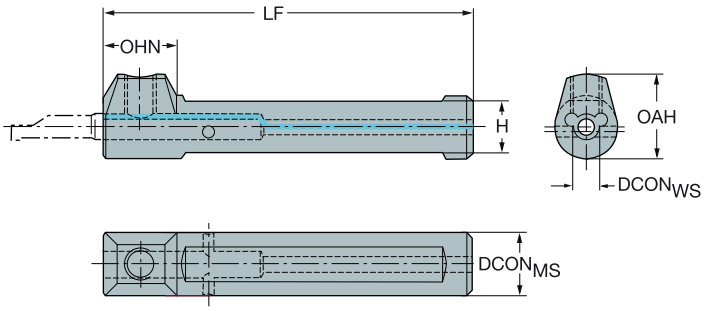
Cylindrical shank with flat to CoroTurn® XS adaptor

With internal coolant supply

Cylindrical with two flats



DSGN 1



For Other machines

CZCMS	CZCWS	OHN	OHX	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	H	LPR	LF	WF	HF	OAH	CP Bar/PSI	Kg
10	4	14	14	1	1	1	CXS-A10-04	10	4	8	65	65	0	0	14	10	0.0
		.551	.551					.394	.157	.315	2.559	2.559	.000	.000	.571	145	
	5	14	14	1	1	1	CXS-A10-05	10	5	8	65	65	0	0	15	10	0.0
		.551	.551					.394	.197	.315	2.559	2.559	.000	.000	.591	145	
12	4	14	14	1	1	1	CXS-A12-04	12	4	10	70	70	0	0	15	10	0.0
		.551	.551					.472	.157	.394	2.756	2.756	.000	.000	.610	145	
	5	14	14	1	1	1	CXS-A12-05	12	5	10	70	70	0	0	16	10	0.0
		.551	.551					.472	.197	.394	2.756	2.756	.000	.000	.630	145	
	6	14	14	1	1	1	CXS-A12-06	12	6	10	70	70	0	0	16	10	0.0
		.551	.551					.472	.236	.394	2.756	2.756	.000	.000	.650	145	
16	4	14	14	1	1	1	CXS-A16-04	16	4	14	75	75	0	0	17	10	0.1
		.551	.551					.630	.157	.551	2.953	2.953	.000	.000	.689	145	
	5	14	14	1	1	1	CXS-A16-05	16	5	14	75	75	0	0	18	10	0.1
		.551	.551					.630	.197	.551	2.953	2.953	.000	.000	.709	145	
	6	14	14	1	1	1	CXS-A16-06	16	6	14	75	75	0	0	18	10	0.1
		.551	.551					.630	.236	.551	2.953	2.953	.000	.000	.728	145	
	7	14	14	1	1	1	CXS-A16-07	16	7	14	75	75	0	0	19	10	0.1
		.551	.551					.630	.276	.551	2.953	2.953	.000	.000	.748	145	
	8	14	14	1	1	1	CXS-A16-08	16	8	14	75	75	0	0	19	10	0.1
		.551	.551					.630	.315	.551	2.953	2.953	.000	.000	.768	145	
20	4	14	14	1	1	1	CXS-A20-04	20	4	18	90	90	0	0	20	10	0.2
		.551	.551					.787	.157	.709	3.543	3.543	.000	.000	.787	145	
	5	14	14	1	1	1	CXS-A20-05	20	5	18	90	90	0	0	20	10	0.2
		.551	.551					.787	.197	.709	3.543	3.543	.000	.000	.787	145	
	6	14	14	1	1	1	CXS-A20-06	20	6	18	90	90	0	0	22	10	0.2
		.551	.551					.787	.236	.709	3.543	3.543	.000	.000	.866	145	
	7	14	14	1	1	1	CXS-A20-07	20	7	18	90	90	0	0	22	10	0.2
		.551	.551					.787	.276	.709	3.543	3.543	.000	.000	.866	145	
	8	14	14	1	1	1	CXS-A20-08	20	8	18	90	90	0	0	25	10	0.2
		.551	.551					.787	.315	.709	3.543	3.543	.000	.000	.984	145	
	10	14	14	1	1	1	CXS-A20-10	20	10	18	90	90	0	0	25	10	0.2
		.551	.551					.787	.394	.709	3.543	3.543	.000	.000	.984	145	
25	8	15	15	1	1	1	CXS-A25-08	25	8	23	110	110	0	0	25	10	0.4
		.591	.591					.984	.315	.906	4.331	4.331	.000	.000	.984	145	
	10	15	15	1	1	1	CXS-A25-10	25	10	23	110	110	0	0	25	10	0.4
		.591	.591					.984	.394	.906	4.331	4.331	.000	.000	.984	145	

CZC_{WS} to correspond with CZC_{MS} on tool

ISO 13399 I1 C3 - D C 1 2 3 I20 CNSC CXSC I38

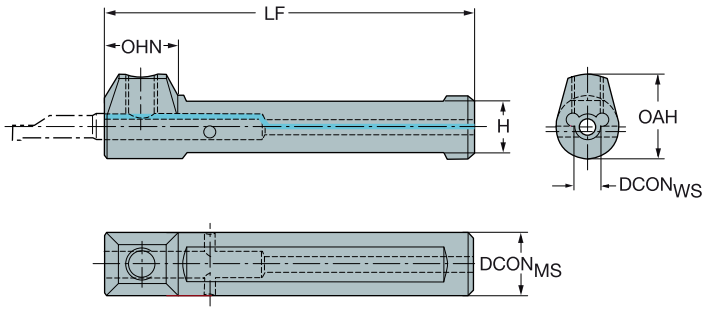
Cylindrical shank with flats to CoroTurn® XS adaptor

With internal coolant supply

Cylindrical with two flats



DSGN 1



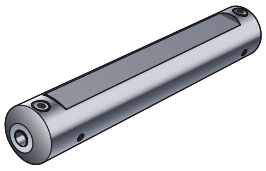
Inch version

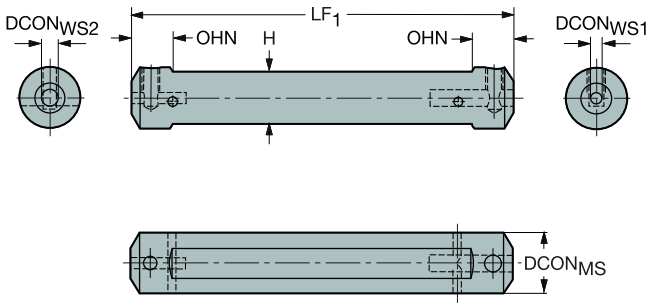
CZCMS	CZCWS	OHN	OHX	CNSC	CXSC	DSGN	Ordering code	Dimensions, inch DCONMS	DCONWS	H	LPR	LF	WF	HF	OAH	CP Bar/PSI	Lbs
1/2	4	.551	.551	1	1	1	**CXS-A0500-04**	.500	.157	.394	2.756	2.756	.000	.000	.610	145	0.7
	5	.551	.551	1	1	1	**CXS-A0500-05**	.500	.197	.394	2.756	2.756	.000	.000	.630	145	0.7
	6	.551	.551	1	1	1	**CXS-A0500-06**	.500	.236	.394	2.756	2.756	.000	.000	.650	145	0.7
5/8	4	.551	.551	1	1	1	**CXS-A0625-04**	.625	.157	.551	2.953	2.953	.000	.000	.689	145	0.7
	5	.551	.551	1	1	1	**CXS-A0625-05**	.625	.197	.551	2.953	2.953	.000	.000	.709	145	0.7
	6	.551	.551	1	1	1	**CXS-A0625-06**	.625	.236	.551	2.953	2.953	.000	.000	.728	145	0.7
	7	.551	.551	1	1	1	**CXS-A0625-07**	.625	.276	.551	2.953	2.953	.000	.000	.748	145	0.7
	8	.551	.551	1	1	1	**CXS-A0625-08**	.625	.315	.551	2.953	2.953	.000	.000	.765	145	0.2

CZC_{WS} to correspond with CZC_{MS} on tool

ISO 13399 I1 CNSC CXSC I38 C3-DC I20

Cylindrical shank with flat to CoroTurn® XS double-ended adaptor





For Citizen machines

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF$_1$	LF$_2$	WF$_1$	WF$_2$	HF$_1$	HF$_2$	OAH	CP Bar/PSI	Kg
3/4	4	15	15	1	1	CXS-A075-04-06	19	4	140	140	0	0	0	0	0	19	10	0.3
		.591	*.591*				*.750*	*.157*	*5.512*	*5.512*	*.000*	*.000*	*.000*	*.000*	*.000*	*.750*	*145*	

For Star machines

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF$_1$	LF$_2$	WF$_1$	WF$_2$	HF$_1$	HF$_2$	OAH	CP Bar/PSI	Kg
22	4	15	15	1	1	CXS-A22-04-04	22	4	140	140	0	0	0	0	0	22	10	0.3
		.591	*.591*				*.866*	*.157*	*5.512*	*5.512*	*.000*	*.000*	*.000*	*.000*	*.000*	*.866*	*145*	
		15	15	1	1	CXS-A22-04-06	22	4	140	140	0	0	0	0	0	22	10	0.3
		.591	*.591*				*.866*	*.157*	*5.512*	*5.512*	*.000*	*.000*	*.000*	*.000*	*.000*	*.866*	*145*	
	6	15	15	1	1	CXS-A22-06-06	22	6	140	140	0	0	0	0	0	22	10	0.3
		.591	*.591*				*.866*	*.236*	*5.512*	*5.512*	*.000*	*.000*	*.000*	*.000*	*.000*	*.866*	*145*	

For Traub machines

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF$_1$	LF$_2$	WF$_1$	WF$_2$	HF$_1$	HF$_2$	CP Bar/PSI	Kg
28	4	15	15	1	1	CXS-A28-04-06	28	4	140	140	0	0	0	0	0	10	0.5
		.591	*.591*				*1.102*	*.157*	*5.512*	*5.512*	*.000*	*.000*	*.000*	*.000*	*.000*	*145*	

For Tsugami machines

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LPR	LF$_1$	LF$_2$	WF$_1$	WF$_2$	HF$_1$	HF$_2$	OAH	CP Bar/PSI	Kg
25	4	15	15	1	1	CXS-A25-04-06	25	4	140	140	0	0	0	0	0	25	10	0.5
		.591	*.591*				*.984*	*.157*	*5.512*	*5.512*	*.000*	*.000*	*.000*	*.000*	*.000*	*.984*	*145*	

For Other machines

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	H	LPR	LF$_1$	LF$_2$	WF$_1$	WF$_2$	HF$_1$	HF$_2$	OAH	CP Bar/PSI	Kg
20	4	15	15	1	1	CXS-A20-04-06	20	4	18	140	140	0	0	0	0	0	20	10	0.3
		.591	*.591*				*.787*	*.157*	*.709*	*5.512*	*5.512*	*.000*	*.000*	*.000*	*.000*	*.000*	*.787*	*145*	

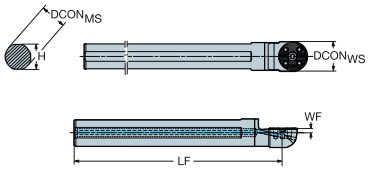
CZC$_{WS}$ to correspond with CZC$_{MS}$ on tool

ISO 13399 I1 CNSC CXSC I38 C3 – D C I20

Cylindrical shank with flat to CoroTurn® SL adaptor

Boring bars for face grooving





Metric version

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	H	LF	WF	HF	OAH	CP Bar/PSI	Kg
25	32	41	100	1	1	**SL-25-32NF**	25	32	23	200	5	0	34	70	1.6
32	32	41	128	1	1	**SL-32-32NF**	32	32	30	250	5	0	34	70	0.8
40	32	50	160	1	1	**SL-40-32NF**	40	32	37	300	5	0	40	70	3.0
	40	50	160	1	1	**SL-40-40NF**	40	40	37	300	5	0	43	70	3.0
50	32	50	200	1	1	**SL-50-32NF**	50	32	47	350	12	0	50	70	5.4
	40	50	200	1	1	**SL-50-40NF**	50	40	47	350	8	0	50	70	5.4

Inch version

CZC$_{MS}$	CZC$_{WS}$	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, inch DCON$_{MS}$	DCON$_{WS}$	H	LF	WF	HF	OAH	CP Bar/PSI	Lbs
1	32	1.969	4.000	1	1	**SL-D16-32NF**	1.000	1.260	.906	8.000	.232	.000	1.339	1015	3.5
1 1/4	32	1.969	5.000	1	1	**SL-D20-32NF**	1.250	1.260	1.181	10.000	.232	.000	1.339	1015	1.7
1 1/2	32	1.969	6.000	1	1	**SL-D24-32NF**	1.500	1.260	1.378	12.000	.232	.000	1.500	1015	5.9
	40	1.969	6.000	1	1	**SL-D24-40NF**	1.500	1.575	1.378	12.000	.232	.000	1.693	1015	5.9
2	32	1.969	8.000	1	1	**SL-D32-32NF**	2.000	1.260	1.874	14.016	.472	.000	2.000	1015	12.3
	40	1.969	8.000	1	1	**SL-D32-40NF**	2.000	1.575	1.874	14.016	.315	.000	2.000	1015	12.3

ISO 13399 I1
CNSC CXSC I38

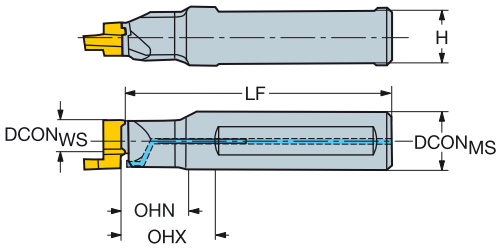
Cylindrical shank with flat to CoroCut® MB adaptor

Cylindrical with flat

High precision coolant supply



MB..Axx-HP



Metric version

CZCMS	CZCWS	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, mm DCONMS	DCONWS	H	LPR	LF	WF	HF	CP Bar/PSI	Kg
16	09	5	5	1	1	MB-A16-05-09R/L-HP	16	9	14	64	64	0	0	80	0.1
	09	20	20	1	1	MB-A16-20-09R/L-HP	16	9	14	74	74	0	0	80	0.1
20	11	5	5	1	1	MB-A20-05-11R/L-HP	20	11	18	79	79	0	0	80	0.2

Inch version

CZCMS	CZCWS	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, inch DCONMS	DCONWS	H	LPR	LF	WF	HF	CP Bar/PSI	Lbs
5/8	09	.209	.209	1	1	MB-A0625-02-09R/L-HP	.625	.354	.551	2.547	2.547	.000	.000	1160	0.2
	09	.787	.787	1	1	MB-A0625-08-09R/L-HP	.625	.354	.551	2.547	2.547	.000	.000	1160	0.3
3/4	11	.232	.232	1	1	MB-A075-02-11R/L-HP	.750	.433	.709	3.126	3.126	.000	.000	1160	0.4

CZC_{WS} to correspond with CZC_{MS} on tool

General minimum hole depends on insert; see respective insert ordering page.

ISO 13399 I1 CNSC CXSC I38 C3 – DC I30

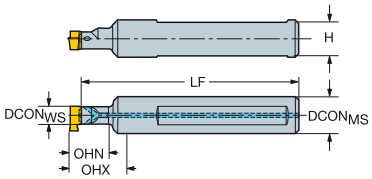
Cylindrical shank with flat to CoroCut® MB adaptor

Carbide shank boring bars

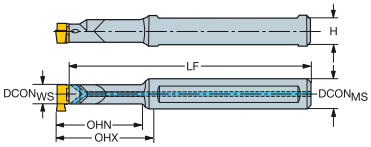
Internal coolant supply



MB..Axx



MB..Exx



Metric version

CZCMS	CZCWS	OHN	OHX	CNSC	Ordering code	Dimensions, mm DCONMS	DCONWS	H	LPR	LF	WF	HF	CP Bar/PSI	Kg
12	07	24	24	1	MB-E12-24-07	12	7	10	93	92	0	0	10	0.1
	07	32	32	1	MB-E12-32-07	12	7	10	96	100	0	0	10	0.1
	07	48	48	1	MB-E12-48-07	12	7	10	111	115	0	0	10	0.1
	09	34	34	1	MB-E12-34-09	12	9	10	94	100	0	0	10	0.1
	09	45	45	1	MB-E12-45-09	12	9	10	104	110	0	0	10	0.1
	09	64	64	1	MB-E12-64-09	12	9	10	124	130	0	0	10	0.2
16	07	16	16	1	MB-A16-16-07	16	7	14	88	97	0	0	10	0.1
	09	20	20	1	MB-A16-20-09	16	9	14	94	100	0	0	10	0.9
	09	34	34	1	MB-E16-34-09	16	9	14	94	100	0	0	10	0.2
	09	45	45	1	MB-E16-45-09	16	9	14	104	110	0	0	10	0.2
	09	64	64	1	MB-E16-64-09	16	9	14	124	130	0	0	10	0.2

Inch version

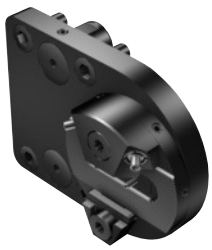
CZCMS	CZCWS	OHN	OHX	CNSC	CXSC	Ordering code	Dimensions, inch DCONMS	DCONWS	H	LF	WF	HF	CP Bar/PSI	Ft/lbs	Lbs
1/2	07	1.181	1.260	1	3	MB-E0500-12-07	.500	.276	.461	3.937	.291	.000	145	1	0.2
	07	1.811	1.890	1	3	MB-E0500-19-07	.500	.276	.461	4.528	.291	.000	145	1	0.2
	09	1.209	1.339	1	3	MB-E0500-13-09	.500	.354	.461	3.937	.394	.000	145	2	0.2
	09	1.642	1.772	1	3	MB-E0500-17-09	.500	.354	.461	4.331	.394	.000	145	2	0.2
	09	2.390	2.520	1	3	MB-E0500-25-09	.500	.354	.461	5.118	.394	.000	145	2	0.4
5/8	07	.551	.630	1	3	MB-A0625-06-07	.625	.276	.587	3.937	.291	.000	145	1	0.2
	09	.657	.787	1	3	MB-A0625-08-09	.625	.354	.587	3.937	.394	.000	145	2	0.7
	09	2.390	2.520	1	3	MB-E0625-25-09	.625	.354	.587	5.118	.394	.000	145	2	0.5

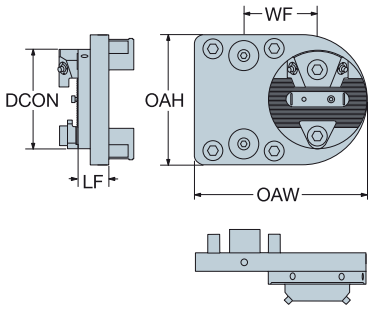
To correspond with insert size on holder.

General minimum hole depends on insert; see respective insert ordering page.

ISO 13399 I1
C3 – D C I30
CNSC CXSC I38

Bolt pattern to CoroTurn® SL adaptor





The adaptor fits all boring bars from diameter 200 mm (7.874 inch)

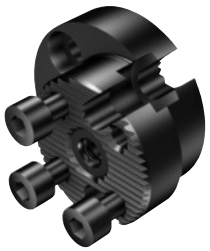
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	B	H	LF	WF	HF	OAW	OAH	CP Bar/PSI	Kg
122 x 105	80	1	1	**570-80 200R/L**	80	122	105	25	59	0	139	104	80	2.3
					3.150	*4.803*	*4.134*	*.984*	*2.343*	*.000*	*5.472*	*4.094*	*1160*	

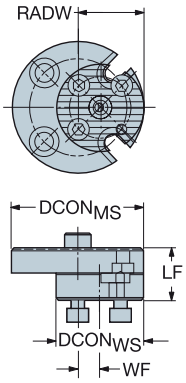
R = Right hand, L = Left hand

ISO 13399 I1

CNSC CXSC I38

CoroTurn® SL reduction adaptor





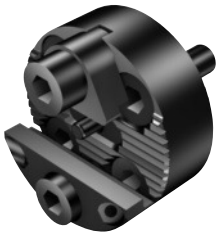
Metric version

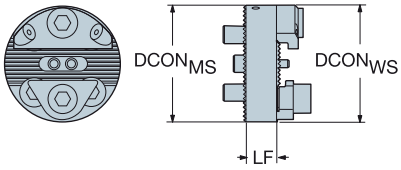
CZC$_{MS}$	CZC$_{WS}$	CNSC	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LF	WF	HF	RADW	CP Bar/PSI	Kg
40	32	1	**570-40 22-32**	40	32	22	8	0	24	80	0.1
50	32	2	**570-50 23-32**	50	32	22	9	0		70	0.1
	40	1	**570-50 23-40**	50	40	23	10	0		70	0.2
60	40	2	**570-60 23-40**	60	40	23	10	0		70	0.4

ISO 13399 I1

CNSC CXSC I38

CoroTurn® SL to CoroTurn® SL quick change adaptor





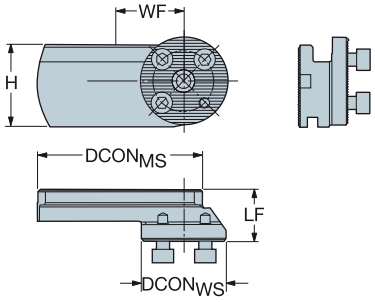
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	WF	HF	CP Bar/PSI	Kg
32	32	1	2	**SL-32 11-32-QC**	32	32	11	0	0	70	0.0
					1.260	*1.260*	*.433*	*.000*	*.000*	*1015*	
40	40	1	2	**SL-40 12-32-QC**	40	40	12	0	0	70	0.1
					1.575	*1.575*	*.472*	*.000*	*.000*	*1015*	

ISO 13399 I1

CNSC CXSC I38

CoroTurn® SL quick change to CoroTurn® SL adaptor





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	H	LF	WF	HF	Kg
80	40	0	0	**570-80 23-40R/L**	80	40	37	23	70	20	0.3
					3.150	*1.575*	*1.476*	*.906*	*2.756*	*.787*	

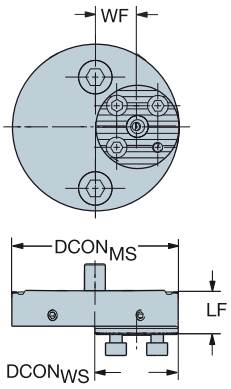
R = Right hand, L = Left hand

ISO 13399 I1
CNSC CXSC I38

CoroTurn® SL quick change to CoroTurn® SL adaptor

CoroTurn® SL quick change adaptor for SL cutting heads





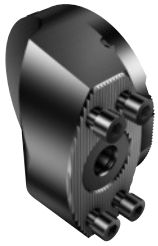
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	H	LF	WF	HF	CP Bar/PSI	Kg
80	40	1	1	**570-80 20 20-40R**	80	40	37	20	20	0	80	0.8
					3.150	*1.575*	*1.476*	*.787*	*.787*	*.000*	*1160*	
100	40	1	1	**570-100 20 30-40R**	100	40	37	20	30	0	80	1.0
					3.937	*1.575*	*1.476*	*.787*	*1.181*	*.000*	*1160*	

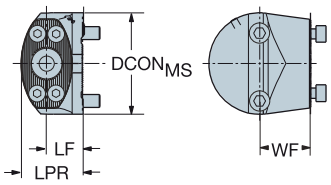
ISO 13399 I1

CNSC CXSC I38

CoroTurn® SL quick change to CoroTurn® SL70 adaptor

CoroTurn® SL quick change adaptor for SL70 cutting heads





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	H	LPR	LF	WF	HF	CP Bar/PSI	Kg
80	70	1	1	**SL70-80 40-RF**	80	37	48	28	40	0	70	1.2
					3.150	*1.476*	*1.890*	*1.102*	*1.575*	*.000*	*1015*	

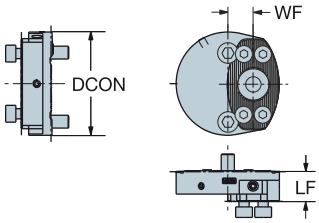
ISO 13399 I1

CNSC CXSC I38

CoroTurn® SL quick change to CoroTurn® SL70 adaptor

CoroTurn® SL quick change adaptor for SL70 cutting heads



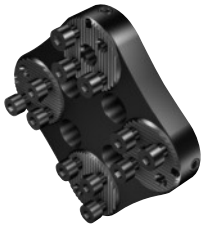


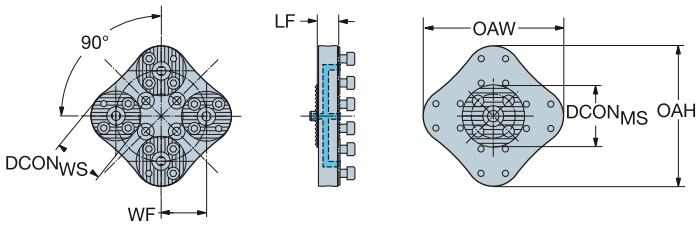
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	H	LF	WF	HF	CP Bar/PSI	Kg
80	70	1	1	**SL70-80 23-RG**	80	37	23	20	0	80	1.0
					3.150	*1.476*	*.906*	*.787*	*.000*	*1160*	

ISO 13399 I1

CNSC CXSC I38

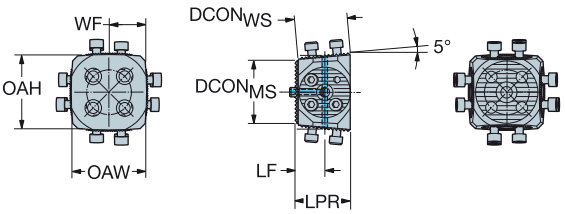
Mini-turret for four CoroTurn® SL heads





CZC$_{MS}$	CZC$_{WS}$	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	WF	HF	OAH	OAW	Kg
40	25	570-4-25-40-000-AX	40	25	12	25	0	75	75	0.3
			1.575	*.984*	*.472*	*.984*		*2.953*	*2.953*	
	32	570-4-32-40-000-AX	40	25	15	30	0	93	93	0.6
			1.575	*.984*	*.591*	*1.181*		*3.661*	*3.661*	



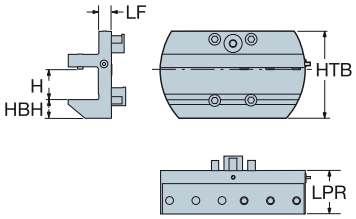


CZC$_{MS}$	CZC$_{WS}$	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	WF	LPR	OAH	OAW	Kg
40	25	570-4-25-40-050-RA	40	25	15	23	28	48.5	48.5	0.4
			1.575	*.984*	*.591*	*.906*	*1.102*	*1.909*	*1.909*	
	32	570-4-32-40-050-RA	40	32	18	23	34.5	49.3	49.3	0.5
			1.575	*1.260*	*.709*	*.906*	*1.358*	*1.941*	*1.941*	

ISO 13399 I1

CoroTurn® SL to rectangular shank adaptor





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch B	H	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Kg
122 x 105	25 x 25	1	2	**570-200 2525-M**	122	105	50	26	100	25	200	110	80	5.5
					4.803	*4.134*	*1.969*	*1.024*	*3.937*	*.984*	*7.874*	*4.331*	*1160*	
	32 x 32	1	2	**570-200 3232-M**	122	105	55	26	100	32	200	115	80	5.5
					4.803	*4.134*	*2.165*	*1.024*	*3.937*	*1.260*	*7.874*	*4.528*	*1160*	
	40 x 40	1	2	**570-200 4040-M**	122	105	65	35	100	40	200	125	80	7.0
					4.803	*4.134*	*2.559*	*1.378*	*3.937*	*1.575*	*7.874*	*4.921*	*1160*	

The adaptor fits all boring bars from diameter 200 mm (7.874 inch)

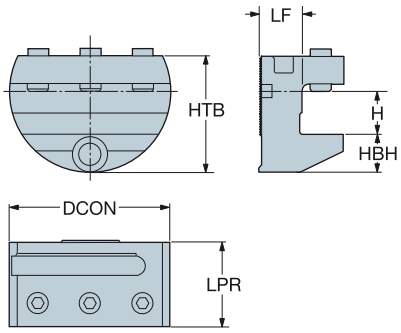
ISO 13399 I1

CNSC CXSC I38

SANDVIK Coromant

CoroTurn® SL quick change to rectangular shank adaptor





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm DCON	H	LPR	LF	WF	HF	OAW	OAH	Kg
80	20 x 20	0	0	**570-80 20 2020R**	80	37	40	20	40	18	77	40	0.7
					3.150	*1.476*	*1.575*	*.787*	*1.575*	*.709*	*3.032*	*1.575*	

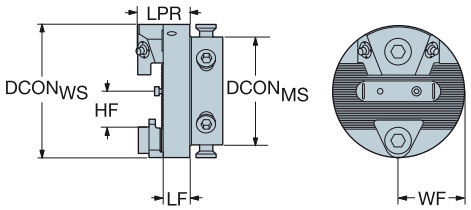
R = Right hand

ISO 13399 I1

CNSC CXSC I38

570-80 to CoroTurn® SL quick change adaptor





Conversion from 580-coupling to CoroTurn® SL quick change

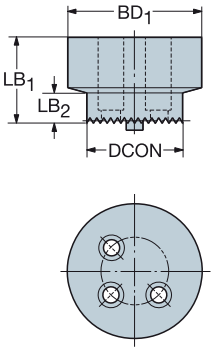
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LPR	LF	WF	HF	CP Bar/PSI	Kg
80	80	1	2	**570-80 17-580-80**	65	80	32	17	0	0	80	1.1
					2.559	*3.150*	*1.280*	*.669*	*.000*	*.000*	*1160*	

ISO 13399 I1

CNSC CXSC I38

Steel blank with CoroTurn® SL coupling





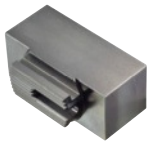
	Dimensions, mm, inch			
Ordering code	DCON	BD_1	LB_1	LB_2
R/L570-162513B	16	26	25.0	7.0
	.630	*1.024*	*.984*	*.276*
R/L570-202517B	20	34	25.0	7.0
	.787	*1.339*	*.984*	*.276*
R/L570-252517B	25	34	25.0	7.0
	.984	*1.339*	*.984*	*.276*
R/L570-324022B	32	44	40.0	11.0
	1.260	*1.732*	*1.575*	*.433*
R/L570-404527B	40	54	45.0	11.0
	1.575	*2.126*	*1.772*	*.433*
R/L570-504535B	50	70	45.0	16.0
	1.969	*2.756*	*1.772*	*.630*
R/L570-604543B	60	86	45.0	16.0
	2.362	*3.386*	*1.772*	*.630*

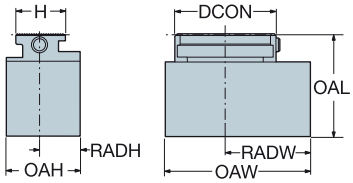
ISO 13399

I1

Steel blank

Blanks for CoroTurn® SL quick change cutting heads





CZC_{MS}	Ordering code	Dimensions, mm, inch DCON	H	LB	OAH	OAL	OAW	RADH	RADW	Lbs
32	**SL-32 305025R/L**	32	14.7	22	22	30.0	50	12	25	0.2
		1.260	*.579*	*.866*	*.866*	*1.181*	*1.969*	*.472*	*.984*	

ISO 13399

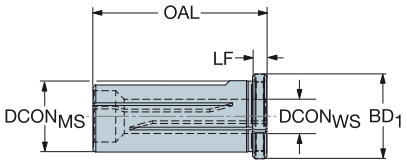
I1

Cylindrical sleeve with Easy-Fix positioning

ISO 9766

Metallic sealed for high pressure coolant through tool





Metric version

			Dimensions, mm				
CZC_{MS}	CZC_{WS}	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LF	OAL	BD_1
20	5	**EF-20-05**	20	5	5	55	25
	6	**EF-20-06**	20	6	5	55	25
	8	**EF-20-08**	20	8	5	55	25
	10	**EF-20-10**	20	10	5	55	25
	12	**EF-20-12**	20	12	5	55	25
25	5	**EF-25-05**	25	5	5	61	30
	6	**EF-25-06**	25	6	5	61	30
	8	**EF-25-08**	25	8	5	61	30
	10	**EF-25-10**	25	10	5	61	30
	12	**EF-25-12**	25	12	5	61	30
	16	**EF-25-16**	25	16	5	61	30
32	5	**EF-32-05**	32	5	5	65	36
	6	**EF-32-06**	32	6	5	65	36
	8	**EF-32-08**	32	8	5	65	36
	10	**EF-32-10**	32	10	5	65	36
	12	**EF-32-12**	32	12	5	65	36
	16	**EF-32-16**	32	16	5	65	36
	20	**EF-32-20**	32	20	5	65	36
40	5	**EF-40-05**	40	5	5	75	44
	6	**EF-40-06**	40	6	5	75	44
	8	**EF-40-08**	40	8	5	75	44
	10	**EF-40-10**	40	10	5	75	44
	12	**EF-40-12**	40	12	5	75	44
	16	**EF-40-16**	40	16	5	75	44
	20	**EF-40-20**	40	20	5	75	44
	25	**EF-40-25**	40	25	5	75	44

To be used with ISO 9766 adaptors, see rotating catalogue.

ISO 13399

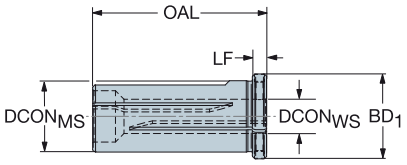
I1

Cylindrical sleeve with Easy-Fix positioning

ISO 9766

Metallic sealed for high pressure coolant through tool





Inch version

CZC$_{MS}$	CZC$_{WS}$	Ordering code	Dimensions, inch DCON$_{MS}$	DCON$_{WS}$	LF	OAL	BD$_1$
1	1/4	**EF-A16-A04**	1.000	.250	.197	2.401	1.181
	5/16	**EF-A16-A05**	1.000	.312	.197	2.401	1.181
	3/8	**EF-A16-A06**	1.000	.375	.197	2.401	1.181
	1/2	**EF-A16-A08**	1.000	.500	.197	2.401	1.181
	5/8	**EF-A16-A10**	1.000	.625	.197	2.401	1.181
1 1/4	1/4	**EF-A20-A04**	1.250	.250	.197	2.559	1.417
	5/16	**EF-A20-A05**	1.250	.312	.197	2.559	1.417
	3/8	**EF-A20-A06**	1.250	.375	.197	2.559	1.417
	1/2	**EF-A20-A08**	1.250	.500	.197	2.559	1.417
	5/8	**EF-A20-A10**	1.250	.625	.197	2.559	1.417
	3/4	**EF-A20-A12**	1.250	.750	.197	2.559	1.417
1 1/2	1/4	**EF-A24-A04**	1.500	.250	.197	2.952	1.732
	5/16	**EF-A24-A05**	1.500	.312	.197	2.952	1.732
	3/8	**EF-A24-A06**	1.500	.375	.197	2.952	1.732
	1/2	**EF-A24-A08**	1.500	.500	.197	2.952	1.732
	5/8	**EF-A24-A10**	1.500	.625	.197	2.952	1.732
	3/4	**EF-A24-A12**	1.500	.750	.197	2.952	1.732
	1	**EF-A24-A16**	1.500	1.000	.197	2.952	1.732

To be used with ISO 9766 adaptors, see rotating catalogue.

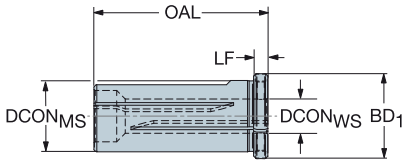
ISO 13399 I1

Cylindrical sleeve with Easy-Fix positioning

Cylindrical sleeves for metric bars



132L..-B



CZC_{MS} metric - CZC_{WS} metric

			Dimensions, mm				
CZC_{MS}	CZC_{WS}	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LF	OAL	BD_1
12	5	**132L-1205050-B**	12	5	5	55	25
16	5	**132L-1605050-B**	16	5	5	55	31
20	5	**132L-2005050-B**	20	5	5	55	26
	6	**132L-2006050-B**	20	6	5	55	26
	8	**132L-2008050-B**	20	8	5	55	26
	10	**132L-2010050-B**	20	10	5	55	26
	12	**132L-2012050-B**	20	12	5	55	26
22	5	**132L-2205050-B**	22	5	5	55	28
	6	**132L-2206050-B**	22	6	5	55	28
	8	**132L-2208050-B**	22	8	5	55	28
	10	**132L-2210050-B**	22	10	5	55	28
	12	**132L-2212050-B**	22	12	5	55	28
25	5	**132L-2505085-B**	25	5	5	85	31
32	5	**132L-3205085-B**	32	5	5	85	38
	6	**132L-3206085-B**	32	6	5	85	38
	8	**132L-3208085-B**	32	8	5	85	38
	10	**132L-3210085-B**	32	10	5	85	38
	12	**132L-3212085-B**	32	12	5	85	38
	16	**132L-3216085-B**	32	16	5	85	38
	20	**132L-3220085-B**	32	20	5	85	38
40	6	**132L-4006105-B**	40	6	5	105	46
	8	**132L-4008105-B**	40	8	5	105	46
	10	**132L-4010105-B**	40	10	5	105	46
	12	**132L-4012105-B**	40	12	5	105	46
	16	**132L-4016105-B**	40	16	5	105	46
	20	**132L-4020105-B**	40	20	5	105	46
	25	**132L-4025105-B**	40	25	5	105	46
50	12	**132L-5012125-B**	50	12	5	125	56
	16	**132L-5016125-B**	50	16	5	125	56
	20	**132L-5020125-B**	50	20	5	125	56
	25	**132L-5025125-B**	50	25	5	125	56

CZC_{MS} metric - CZC_{WS} metric

ISO 9766

			Dimensions, mm				
CZC_{MS}	CZC_{WS}	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LF	OAL	BD_1
25	6	**132L-2506-B**	25	6	5	61	31
	8	**132L-2508-B**	25	8	5	61	31
	10	**132L-2510-B**	25	10	5	61	31
	12	**132L-2512-B**	25	12	5	61	31
	16	**132L-2516-B**	25	16	5	61	31
40	20	**132L-4020-B**	40	20	5	75	46
	25	**132L-4025-B**	40	25	5	75	46

Groove for EasyFix sleeve is available on all cylindrical boring bars in diameter 5-25 mm (.197-1.000 inch)

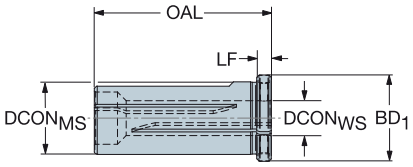
ISO 13399 I1

Cylindrical sleeve with Easy-Fix positioning

Cylindrical sleeves for metric bars



132L..-B (INCH)



CZC_{MS} inch - CZC_{WS} metric

			Dimensions, inch				
CZC_{MS}	CZC_{WS}	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LF	OAL	BD_1
1	6	**132L-1606050-B**	1.000	.236	.197	2.165	1.236
	8	**132L-1608050-B**	1.000	.315	.197	2.165	1.236
	10	**132L-1610050-B**	1.000	.394	.197	2.165	1.236
	12	**132L-1612050-B**	1.000	.472	.197	2.165	1.236
	16	**132L-1616050-B**	1.000	.630	.197	2.165	1.236
3/4	6	**132L-1206050-B**	.750	.236	.197	2.165	.984
	8	**132L-1208050-B**	.750	.315	.197	2.165	.984
	10	**132L-1210050-B**	.750	.394	.197	2.165	.984
	12	**132L-1212050-B**	.750	.472	.197	2.165	.984

Groove for EasyFix sleeve is available on all cylindrical boring bars in diameter 5-25 mm (.197-1.000 inch)

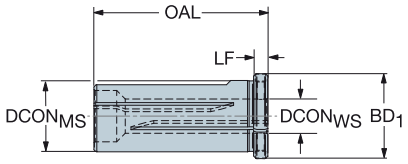
ISO 13399 I1

Cylindrical sleeve with Easy-Fix positioning

Cylindrical sleeves for inch bars



132P..-B



CZC_{MS} inch - CZC_{WS} inch

			Dimensions, inch				
CZC_{MS}	CZC_{WS}	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LF	OAL	BD_1
1	3/16	**132P-160333-B**	1.000	.187	.197	3.346	1.236
	1/4	**132P-160433-B**	1.000	.250	.197	3.346	1.236
	5/16	**132P-160533-B**	1.000	.313	.197	3.346	1.236
	3/8	**132P-160633-B**	1.000	.375	.197	3.346	1.236
	1/2	**132P-160833-B**	1.000	.500	.197	3.346	1.236
	5/8	**132P-161033-B**	1.000	.625	.197	3.346	1.236
1 1/2	3/8	**132P-240641-B**	1.500	.375	.197	4.134	1.736
	1/2	**132P-240841-B**	1.500	.500	.197	4.134	1.736
	5/8	**132P-241041-B**	1.500	.625	.197	4.134	1.736
	3/4	**132P-241241-B**	1.500	.750	.197	4.134	1.736
	1	**132P-241641-B**	1.500	1.000	.197	4.134	1.736
1 1/4	5/16	**132P-200533-B**	1.250	.313	.197	3.346	1.488
	3/8	**132P-200633-B**	1.250	.375	.197	3.346	1.488
	1/2	**132P-200833-B**	1.250	.500	.197	3.346	1.488
	5/8	**132P-201033-B**	1.250	.625	.197	3.346	1.488
	3/4	**132P-201233-B**	1.250	.750	.197	3.346	1.488
2	1/2	**132P-320849-B**	2.000	.500	.197	4.921	2.236
	5/8	**132P-321049-B**	2.000	.625	.197	4.921	2.236
	3/4	**132P-321249-B**	2.000	.750	.197	4.921	2.236
	1	**132P-321649-B**	2.000	1.000	.197	4.921	2.236

CZC_{MS} metric - CZC_{WS} inch

ISO 9766

			Dimensions, mm				
CZC_{MS}	CZC_{WS}	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LF	OAL	BD_1
25	3/16	**132P-25A03-B**	25	4	5	61	31
	1/4	**132P-25A04-B**	25	6	5	61	31
	5/16	**132P-25A05-B**	25	7	5	61	31
	3/8	**132P-25A06-B**	25	9	5	61	31
	1/2	**132P-25A08-B**	25	12	5	61	31
	5/8	**132P-25A10-B**	25	15	5	61	31
32	5/16	**132P-32A05-B**	32	7	5	65	38
	3/8	**132P-32A06-B**	32	9	5	65	38
	1/2	**132P-32A08-B**	32	12	5	65	38
	5/8	**132P-32A10-B**	32	15	5	65	38
	3/4	**132P-32A12-B**	32	19	5	65	38

Groove for EasyFix sleeve is available on all cylindrical boring bars in diameter 5-25 mm (.197-1.000 inch)

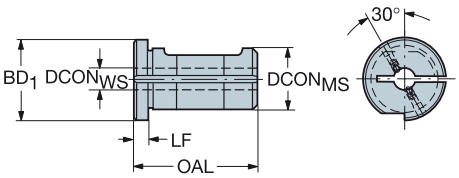
ISO 13399 I1

Cylindrical sleeve with Easy-Fix positioning

132W- (Whistle Notch) for metric bars

EasyFix





Metric version

CZC$_{MS}$	CZC$_{WS}$	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LF	OAL	BD$_1$
25	5	**132W-2505-B**	25	5	5	50	31
	6	**132W-2506-B**	25	6	5	50	31
	8	**132W-2508-B**	25	8	5	50	31
	10	**132W-2510-B**	25	10	5	50	31
	12	**132W-2512-B**	25	12	5	50	31
	16	**132W-2516-B**	25	16	5	50	31
40	20	**132W-4020-B**	40	20	5	75	46
	25	**132W-4025-B**	40	25	5	75	46

Groove for EasyFix sleeve is available on all cylindrical boring bars in diameter 5-25 mm (.197-1.000 inch)

Sleeves for boring bars, 132N, can be used for all cylindrical Sandvik Coromant boring bars in diameter range 5-32 mm (.197-1.250 inch)

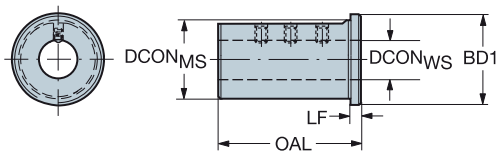
ISO 13399

I1

Cylindrical sleeve

Screw down (No EasyFix)





Metric version

			Dimensions, mm				
CZC_{MS}	CZC_{WS}	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LF	OAL	BD_1
25	6	**132N-2506**	25	6	5	61	31
	8	**132N-2508**	25	8	5	61	31
	10	**132N-2510**	25	10	5	61	31
	12	**132N-2512**	25	12	5	61	31
	16	**132N-2516**	25	16	5	61	31
	20	**132N-2520**	25	20	5	61	31
40	20	**132N-4020**	40	20	5	75	46
	25	**132N-4025**	40	25	5	75	46
	32	**132N-4032**	40	32	5	75	46

Inch version

			Dimensions, inch				
CZC_{MS}	CZC_{WS}	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LF	OAL	BD_1"
25	1/4	**132N-25A04**	.984	.250	.197	2.401	1.220
	5/16	**132N-25A05**	.984	.312	.197	2.401	1.220
	3/8	**132N-25A06**	.984	.375	.197	2.401	1.220
	1/2	**132N-25A08**	.984	.500	.197	2.401	1.220
	5/8	**132N-25A10**	.984	.625	.197	2.401	1.220
	3/4	**132N-25A12**	.984	.750	.197	2.401	1.220
40	3/4	**132N-40A12**	1.575	.750	.197	2.952	1.811
	1	**132N-40A16**	1.575	1.000	.197	2.952	1.811
	1 1/4	**132N-40A20**	1.575	1.250	.197	2.952	1.811

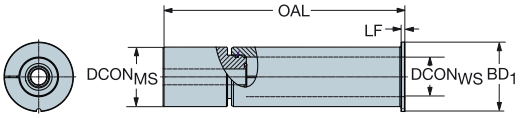
Screw down (No EasyFix)

ISO 13399 I1

Cylindrical sleeve

Split boring bar holder





Metric version

			Dimensions, mm, inch				
CZC_{MS}	CZC_{WS}	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LF	OAL	BD
60	32	**393.SBB-060 032**	60	32	4	244	70
	40	**393.SBB-060 040**	60	40	4	244	70
	50	**393.SBB-060 050**	60	50	4	244	70

Inch version

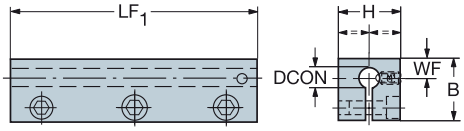
			Dimensions, inch				
CZC_{MS}	CZC_{WS}	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LF	OAL	BD
2 1/2	1 1/2	**A393.SBB-250150**	2.500	1.500	.157	10.157	2.913
	1 3/4	**A393.SBB-250175**	2.500	1.750	.157	10.157	2.913
	2	**A393.SBB-250200**	2.500	2.000	.157	10.157	2.913

ISO 13399

Square sleeve with Easy-Fix positioning

Square sleeves





Metric version

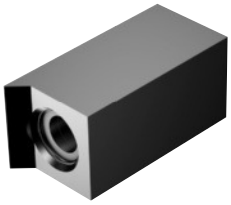
CZC_{MS}	CZC_{WS}	Ordering code	Dimensions, mm B	H	DCON	LF_1	WF
20 x 20	5	131-2005-B	20	20	5	80	5
	6	131-2006-B	20	20	6	80	6
	8	131-2008-B	20	20	8	80	7
	10	131-2010-B	20	20	10	80	7
25 x 25	12	131-2512-B	25	25	12	80	9
	16	131-2516-B	25	25	16	80	10
32 x 40	20	131-3220-B	40	32	20	100	12
	25	131-3225-B	40	32	25	100	14

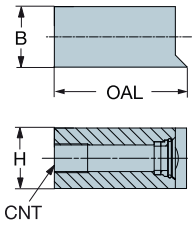
Inch version

CZC_{MS}	CZC_{WS}	Ordering code	Dimensions, inch B	H	DCON	LF_1	WF
3/4 x 3/4	3/16	131-A1203-B	.750	.750	.187	3.150	.217
	1/4	131-A1204-B	.750	.750	.250	3.150	.236
	5/16	131-A1205-B	.750	.750	.313	3.150	.276
	3/8	131-A1206-B	.750	.750	.375	3.150	.295
1 x 1	1/2	131-A1608-B	1.000	1.000	.500	3.150	.354
	5/8	131-A1610-B	1.000	1.000	.625	3.150	.394
1 1/4 x 1 1/4	3/4	131-A2012-B	1.250	1.250	.750	3.937	.453

ISO 13399 I1

Stop for QS™ holding system





Metric version

CZC_{MS}	Ordering code	Dimensions, mm, inch B	H	OAL	CNSC
10 x 10	**QS-1010**	10	10.0	51	0
		.394	*.394*	*2.008*	
12 x 12	**QS-1212**	12	12.0	51	0
		.472	*.472*	*2.008*	
16 x 16	**QS-1616**	16	16.0	51	0
		.630	*.630*	*2.008*	
8 x 8	**QS-0808**	8	8.0	40	0
		.315	*.315*	*1.575*	

CZC_{MS} to correspond with CZC_{WS} on holder

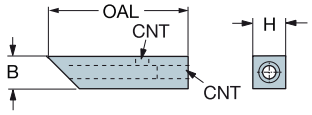
ISO 13399 I1

CNSC CXSC I38

Stop for high precision coolant QS™ holding system

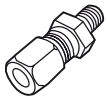
Citizen/Star/Nexturn

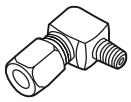




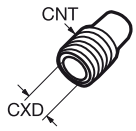
Ordering code	CZC_{MS}	Dimensions, mm, inch B	H	OAL	CNT
Metric					
QS-1010HP-M	10 x 10, 10 x 12	10	10	51	M6
QS-1212HP-M	12 x 12	12	12	51	M6
QS-1616HP-M	16 x 16	16	16	51	M6
Inch					
QS-A06HP-M	3/8 x 1/2	.375	.375	2.000	M6
QS-A08HP-M	1/2 x 1/2	.500	.500	2.000	M6
QS-A10HP-M	5/8 x 5/8	.625	.625	2.000	M6

New tube connectors M6 intended for 6 mm tube diameters are introduced and to be ordered separately.





Code	Coupling
5696 001-01	Straight
5696 020-01	90°



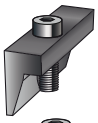
Optional nozzles (to be ordered separately)

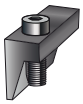
Ordering code	CXD mm	CNT
5691 026-11	0.6	M6
5691 026-12	0.8	M6
5691 026-13	1.0	M6
5691 026-14	1.2	M6
5691 026-15	1.4	M6

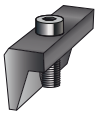
ISO 13399 I1

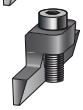
Wedge for QS™ holding system

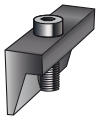
Citizen/Star/Nexturn

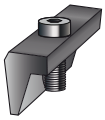

QS-10

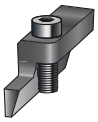

QS-351

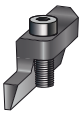

QS-230, QS230A

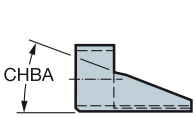

QS-20


QS-352


QS-240


QS-30, QS-31,
QS-30A, QS-31A


QS-40, QS-40A

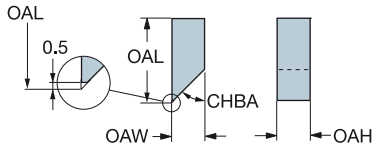


Machine type	Ordering code	Dimensions, mm, inch OAL	OAW	CHBA
Citizen	**Metric**			
	QS-10	20	7	17°
	QS-20	37	9.9	22°
	QS-30	32	12	22°
	QS-31	32	11.3	22°
	QS-40	29	13.5	22°
	Inch			
	QS-30A	1.260	.472	22°
	QS-31A	1.260	.445	22°
	QS-40A	1.142	.531	22°
Star	**Metric**			
	QS-351	30	13.5	24°20'
	QS-352	35	13.5	24°20'
Nexturn	**QS-230**[1)]	28	12.5	14°40'
	QS-240	28	13.7	14°40'
	Inch			
	QS-230A	1.102	.465	14°40'

1) Will also work on 5/8" machines.

Stop for QS™ holding system

Citizen/Star/Nexturn

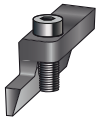


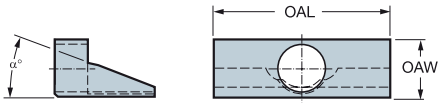
Ordering code	For shank size mm, inch	Dimensions, mm, inch OAW	OAH	OAL
Metric				
QS-0808	0808	8	8	40
QS-1010	1010	10	10	51
QS-1212	1212	12	12	51
QS-1616	1616	16	16	51
Inch				
QS-A06	3/8	.375	.375	2.000
QS-A08	1/2	.500	.500	2.000
QS-A10	5/8	.625	.625	2.000

ISO 13399 I1

Wedge for QS™ holding system

Tsugami/Hanwa





For Tsugami machines

Ordering code	Dimensions, mm, inch OAL	OAW	α
QS-140HP	35	11.9	15°
QS-140	29	11.9	15°
QS-150	30	17.3	15°
QS-160	30	17.3	15°

For Hanwa machines

Ordering code	Dimensions, mm, inch OAL	OAW	α
QS-410	32	11	20°
QS-450	32	15.8	20°

Wedge	MTM	Model	Shank	
			ISO metric	ANSI inch
QS-150	Tsugami	BH 38	1616	10 (5/8)
QS-160	Tsugami	BS 32/BS 20	1616	10 (5/8)
QS-140 For front position	Tsugami	S 205/S 206/S 207	1212	08 (1/2)
QS-140 HP For back position	Tsugami	S 205/S 206/S 207	1212	08 (1/2)
QS-410	Hanwa	XD 20H,J/XD 26H	1212	08 (1/2)
QS-450	Hanwa	XD 32H	1616	10 (5/8)

Note! The information above is a guide to choosing the correct tooling combinations. However, you should always perform a practical test to ensure the correct fit.

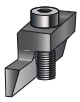
ISO 13399 I1

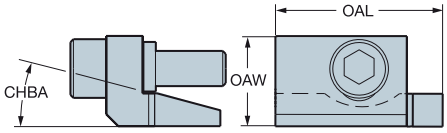
Assembly item

Tsugami/Tornos

Wedge

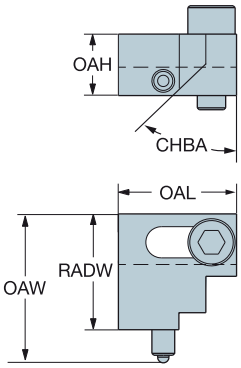
QS-130





Stop

QS-130-12
QS-130-16



Ordering code	Dimensions, millimeter, inch (mm, in.)				
Wedge	OAW	OAW"	OAL	OAL"	CHBA
Metric					
QS-130	15.1	.594	28.0	1.102	15°

Ordering code	For shank size	Dimensions, millimeter, inch (mm, in.)					
Stop	mm (inch)	RADW	RADW"	OAW	OAW"	OAH	OAH"
Metric							
QS-130-12	1212 (1/2")	24.5	.965	27.6	1.087	13.0	.512
QS-130-16	1616 (5/8")	24.5	.965	31.5	1.241	13.0	.512

ISO 13399 I1

CNSC CXSC I38

Assembly item

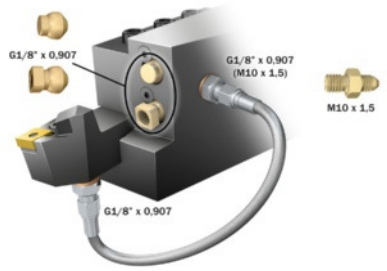
Wedge	MTM	Model	Shank	
			ISO metric	ANSI inch
QS-10	Citizen	R04/R07	0808	
QS-20	Citizen	A16,C12,K12,K16,L16,L20	1010	06
QS-30	Citizen	A20,B20,C16,C20,C32,K12,K16,L16,L20	1212	
QS-30A	Citizen	A20,B20,C16,C20,C32,K12,K16,L16,L20		08
QS-31	Citizen	L16 VIII, L720	1212	
QS-31A	Citizen	L16 VIII, L720		08
QS-40	Citizen	L32,M20,M32	1616	
QS-40A	Citizen	L32,M20,M32		10
QS-130	Tornos	Delta 12/20	1212,1616	08,10
	Tsugami	B0,BS,BU,BM,BN,BA and BW models	1212,1616	08,10
QS-230	Nexturn	SA20	1212	
QS-230A	Nexturn	SA20		08
QS-240	Nexturn	SA26	1616	10
QS-351 (For back position and front position for parting off tools)	Star	SB-16,SC20,SE12/16	1010	06
		SE16B,SR16,SR20,SR20R	1212	08
		S25/32J	1616	10
QS-352 (For front position for turning tools)	Star	SB-16,SC20,SE12/16	1010	06
		SE16B,SR16,SR20,SR20R	1212	08
		S25/32J	1616	10

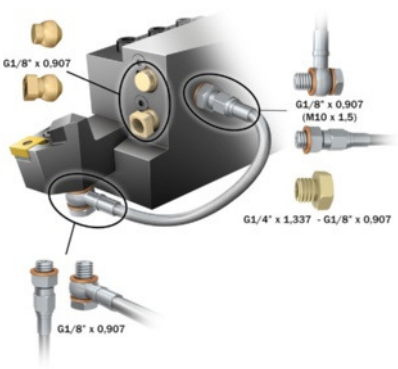
Note! The information above is a guide to choosing the correct tooling combinations. However, you should always perform a practical test to ensure the correct fit.

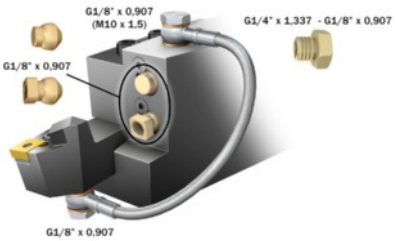
Stop	MTM	Shank	
		ISO metric	ANSI inch
QS-0808	Citizen/Star/Nexturn	0808	
QS-1010	Citizen/Star/Nexturn	1010	
QS-1212	Citizen/Star/Nexturn	1212	
QS-1616	Citizen/Star/Nexturn	1616	
QS-A06	Citizen/Star/Nexturn		06
QS-A08	Citizen/Star/Nexturn		08
QS-A10	Citizen/Star/Nexturn		10
QS-130-12	Tsugami/Tornos	1212	08
QS-130-16	Tsugami/Tornos	1616	10

Coolant connection kit

High precision coolant supply





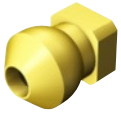


Tube length, mm	Straight to straight fitting			Banjo to straight fitting			Banjo to banjo fitting		
	Kit	Included parts	Pcs	Kit	Included parts	Pcs	Kit	Included parts	Pcs
150	**5693 066-011**			**5693 067-011**			**5693 068-011**		
		5693 066-01[1)]	1		5693 067-01[1)]	1		5693 068-01[1)]	1
		5692 063-01	1		5692 063-01	1		5692 063-01	1
		5692 063-02	1		5692 063-02	1		5692 063-02	1
		5692 063-03	2		5692 063-03	1		5692 063-05	1
		5692 063-04	1		5692 063-05	1		5692 063-06	2
		5692 063-08	2		5692 063-06	1		5692 063-07	1
					5692 063-07	1		5692 063-08	4
					5692 063-08	3			
200	**5693 066-021**			**5693 067-021**			**5693 068-021**		
		5693 066-02[1)]	1		5693 067-02[1)]	1		5693 068-02[1)]	1
		5692 063-01	1		5692 063-01	1		5692 063-01	1
		5692 063-02	1		5692 063-02	1		5692 063-02	1
		5692 063-03	2		5692 063-03	1		5692 063-05	1
		5692 063-04	1		5692 063-05	1		5692 063-06	2
		5692 063-08	2		5692 063-06	1		5692 063-07	1
					5692 063-07	1		5692 063-08	4
					5692 063-08	3			
250	**5693 066-031**			**5693 067-031**			**5693 068-031**		
		5693 066-03[1)]	1		5693 067-03[1)]	1		5693 068-03[1)]	1
		5692 063-01	1		5692 063-01	1		5692 063-01	1
		5692 063-02	1		5692 063-02	1		5692 063-02	1
		5692 063-03	2		5692 063-03	1		5692 063-05	1
		5692 063-04	1		5692 063-05	1		5692 063-06	2
		5692 063-08	2		5692 063-06	1		5692 063-07	1
					5692 063-07	1		5692 063-08	4
					5692 063-08	3			
300	**5693 066-041**			**5693 067-041**			**5693 068-041**		
		5693 066-04[1)]	1		5693 067-04[1)]	1		5693 068-04[1)]	1
		5692 063-01	1		5692 063-01	1		5692 063-01	1
		5692 063-02	1		5692 063-02	1		5692 063-02	1
		5692 063-03	2		5692 063-03	1		5692 063-05	1
		5692 063-04	1		5692 063-05	1		5692 063-06	2
		5692 063-08	2		5692 063-06	1		5692 063-07	1
					5692 063-07	1		5692 063-08	4
					5692 063-08	3			

[1)] Hose. Can not be ordered separately.

Other included parts can be ordered separately. Minimum ordering quantity is 2 pcs.

Included parts



VDI Coolant feed plug G1/8"x 0.907
5692 063-01



VDI Coolant blanking plug
5692 063-02



G1/8"x 0.907
5692 063-03



M10x1.5
5692 063-04



M10x1.5
5692 063-05



G1/8"x 0.907
5692 063-06



G1/4"x 1.337 - G1/8"x 0.907
5692 063-07

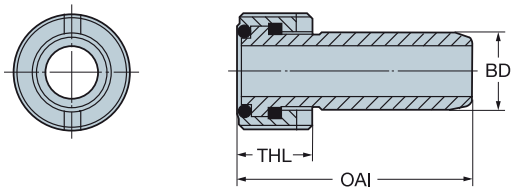


Washer (M10)
5692 063-08

INFORMATION:
This coolant connection kit replaces CoroTurn HP tubes (and extension tube adaptor 5692 067-01) 5693 065-01, 5693 065-02, 5693 065-03. "CoroTurn HP connection kit" (5692 070-01) is still available to order for; ø 6 mm copper or steel pipe connection with accessories; (5692 061-01) and (5692 062-01).

Coolant tube

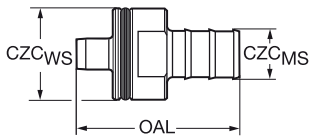
For solid HSK assortment



CZC_{MS}	Ordering code	Dimensions, mm, inch BD	THL	OAL	Kg	Key Ordering code	Torque Nm
40	5692 022-02	8	7.5	29.5	0.01	5680 094-02	10
		.315	*.295*	*1.161*			
50	5692 022-03	10	9.5	32.8	0.02	5680 094-03	15
		.394	*.374*	*1.291*			
63	5692 022-04	12	11.5	46.5	0.03	5680 094-04	20
		.472	*.453*	*1.437*			
100	5692 022-06	16	15.5	44.5	0.05	5680 094-06	30
		.630	*.610*	*1.752*			
125	5692 022-07	18	17.5	48	0.08	5680 094-07	30
		.709	*.689*	*1.890*			

ISO 13399 I1

Coolant connectors

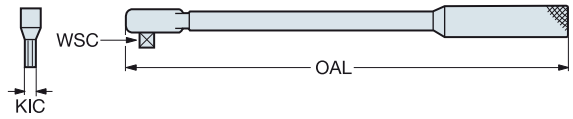


For bar diameter DCON	Ordering code	Dimensions, mm, inch CZC$_{MS}$	CZC$_{WS}$	OAL
mm	**Metric**			
6	**CS-060-054**	5.4	6.0	25.0
8	**CS-080-066**	6.6	8.0	28.5
10	**CS-100-086**	8.6	10.0	28.5
12	**CS-120-086**	8.6	12.0	38.0
16	**CS-160-137**	13.7	16.0	40.0
20	**CS-200-137**	13.7	20.0	40.0
25	**CS-250-137**	13.7	25.0	44.0
Inch	**Inch**			
.250	**CS-063-054**	.213	.250	.984
.312	**CS-079-066**	.260	.312	1.122
.375	**CS-095-086**	.339	.375	1.122
.500	**CS-127-086**	.339	.500	1.496
.625	**CS-159-137**	.539	.625	1.575
.750	**CS-190-137**	.539	.750	1.575
1.000	**CS-254-137**	.539	1.000	1.732

Torque wrenches

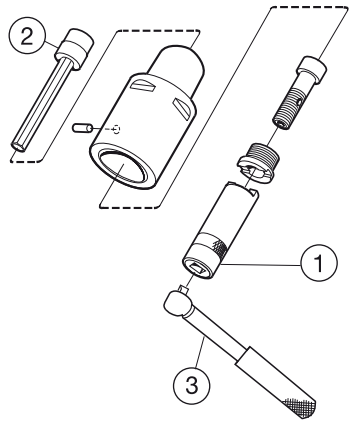
Coromant Capto®

Torque wrench for manual clamping units, Quick change



	Torque wrench	Dimensions, mm, inch			Key adaptor	
CZC	Ordering code	Torque range, Nm, ft-lbs	WSC	OAL	Ordering code	KIC
C3	C-TK-01	20-100	1/2"	400	5680 035-14	8
		15-74		*15.748*		*.315*
C4	C-TK-01	20-100	1/2"	400	5680 035-06	10
		15-74		*15.748*		*.394*
C5	C-TK-01	20-100	1/2"	400	5680 035-07	12
		15-74		*15.748*		*.472*
C6	C-TK-01	20-100	1/2"	400	5680 035-07	12
		15-74		*15.748*		*.472*
C8	C-TK-02	40-200	1/2"	520	5680 035-07	12
		30-148		*20.472*		*.472*
C10	C-TK-03	60-300	1/2"	620	5680 035-10	17
		44-220		*24.409*		*.669*

Torque wrench for modular assemblies, centre bolt clamping



	3. Torque wrench	Dimensions, mm, inch			2. Extension key		1. Retaining nut spanner
CZC	Ordering code	Torque range, Nm, ft-lbs	WSC	OAL	Ordering code	KIC	Ordering code
C3	C-TK-02	40-200	1/2"	345	5680 015-05	8	5680 065-13
		30-148		13.583		.315	
C4	C-TK-02	40-200	1/2"	345	5680 015-05	8	5680 065-10
		30-148		13.583		.315	
C5	C-TK-02	40-200	1/2"	345	5680 015-01	10	5680 065-11
		30-148		13.583		.394	
C6	C-TK-02	40-200	1/2"	345	5680 015-02	14	5680 065-12
		30-148		13.583		.551	
C8	C-TK-02	40-200	1/2"	440	5680 015-02	14	5680 065-12
		30-148		17.323		.551	
C10	C-TK-04	80-400	3/4"	683	5680 015-06	17	5680 065-14
		60-295		26.890		.669	

To be calibrated according to ISO 6789, accuracy within 4%

Torque wrenches

Tightening torque recommendations

Coromant Capto® tightening torque:

Manual clamping units type NC2000 and NC3000

CZC	Torque Nm	ft-lbs
C3	35	26
C4	50	37
C5	70	52

Coromant Capto® tightening torque:

Manual clamping units and driven tool holders with camshaft mechanism

CZC	Torque Nm	ft-lbs
C3	35	26
C4	50	37
C5	70	52
C6	90	66
C8	130	96
C10	285	210

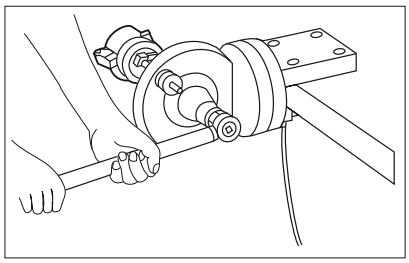
Coromant Capto® required pressure:

Hydro-mechanical clamping units type 5000

CZC	**Clamping** Pressure bar (PSI)	**Ejecting** Pressure bar (PSI)
C4	100 (1450)	100 (1450)
C5	80 (1160)	80 (1160)
C6	80 (1160)	80 (1160)
C8	80 (1160)	80 (1160)
C10	80 (1160)	80 (1160)

Required oil flow in all cases: 6 l/min

Coromant Capto® basic holders



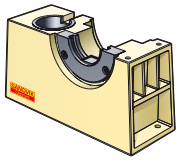
Centre bolt clamping

CZC	Torque Nm	ft-lbs
C3	45	33
C4	55	40
C5	95	70
C6	170	125
C8	170	125
C10	380	277

Assembly fixture

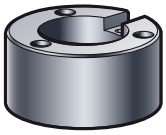
Fixture body
Ordering code:

391.500



Fixture body for sleeves
Ordering code:

391.501



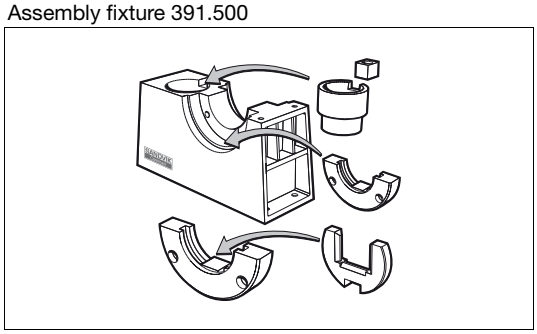
Ordering code	
	
Sleeve	**For holder type, size**
391.540-C3	Coromant Capto Size C3
391.540-C4	Coromant Capto Size C4
391.540-C5	Coromant Capto Size C5
391.540-C6	Coromant Capto Size C6
391.540-C8	Coromant Capto Size C8
391.540-C10	Coromant Capto Size C10
391.540-HA04	HSK 40 Form A/C
391.540-HA05	HSK 50 Form A/C
391.540-HA06	HSK 63 Form A/C
391.540-HA08	HSK 80 Form A/C
391.540-HA10	HSK 100 Form A/C
391.540-30	MAS-BT/CAT/ISO 30
391.540-40	MAS-BT/CAT/ISO 40
391.540-50	MAS-BT/CAT/ISO 50

Ordering code		
		
Flange	**Collar**	**For holder type, size**
391.510-140 50	**391.530-C3**	Coromant Capto Size C3
391.510-140 50	**391.530-C4**	Coromant Capto Size C4
391.510-140 50	**391.530-C5**	Coromant Capto Size C5
391.510-140 50	**391.530-C6**	Coromant Capto Size C6
391.510-140 50	**391.530-C8**	Coromant Capto Size C8
	391.530-C10*	Coromant Capto Size C10
391.510-HA04		HSK 40 Form A
391.510-HA05		HSK 50 Form A
391.510-HA06		HSK 63 Form A
391.510-HA08		HSK 80 Form A
391.510-HA10		HSK 100 Form A
391.510-HA12		HSK 125 Form A
391.510-55 30		MAS-BT 30
391.510-55 40		MAS-BT 40
391.510-55 50		MAS-BT 50
391.510-562-40		BIG-PLUS, MAS-BT 40
391.510-562-50		BIG-PLUS, MAS-BT 50
391.510-140 40		DIN 69871/40, ANSIB 5.50-40. ISO7388/1-40, CAT 40
391.510-140 50		DIN 69871/50, ANSIB 5.50-40. ISO7388/1-50, CAT 50
391.510-540 40		BIG-PLUS DIN69871/1-40, BIG-PLUS 7388/1-40, CAT 40
391.510-540 50		BIG-PLUS DIN69871/1-50, BIG-PLUS 7388/1-50, CAT 50
391.510-00 40		DIN 2080-40/NMTB 40
391.510-00 50		DIN 2080-50/NMTB 50
A391.510-45 40		ANSIB 5.50-2009, CAT-V 40-2009
A391.510-45 50		ANSIB 5.50-2009, CAT-V 50-2009
A391.510-545 40		BIG-PLUS ANSIB 5.50-2009, CAT-V 40-2009
A391.510-545 50		BIG-PLUS ANSIB 5.50-2009, CAT-V 50-2009

Note: Key is delivered with the sleeve.

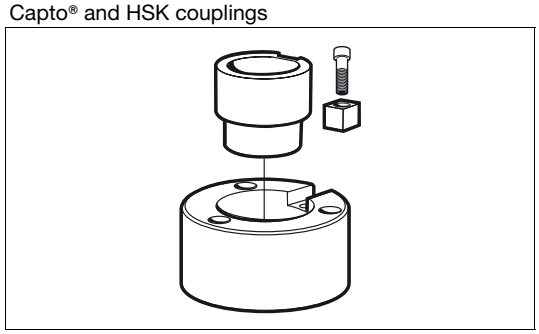
* Combined collar and flange

Assembly fixture 391.500



Choose flange, collar and sleeve to suit tool to be assembled.

Fixture 391.501 for maintenance of tools with Coromant Capto® and HSK couplings



Choose sleeve to suit coupling.
The fixture should be fastened to the bench with three socket head screws (not delivered with fixture)

Tool wagon for Coromant Capto®

Quick change tooling



1. Cradle carrier
2. Tool cradles
3. Molded tool holders (To be ordered separately)

Ordering code	Kit consist of:		
CCW-KIT	TC-0	4 pieces	Tool cradles
	TCC-2	4 pairs	Frame carriers for tool cradle

To order a complete wagon 1 pcs CCW-KIT + Molded tool holders

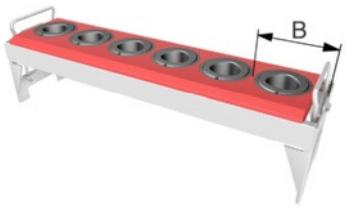
Bench stand



Ordering code	Kit consist of:	
BS-KIT	3 pieces	Tool cradles
	3 pairs	Frame carriers for tool cradle

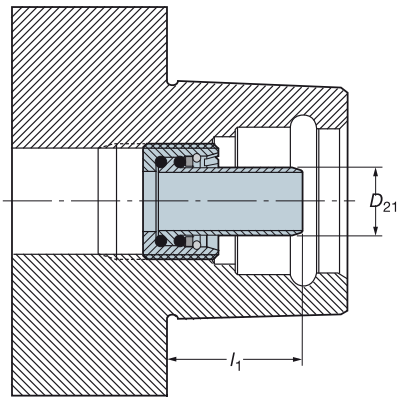
To order a complete bench stand 1 pcs BS-KIT + Molded tool holders

Molded tool holders - to be ordered separately



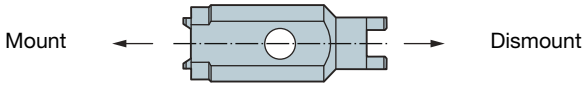
Ordering code	Width (B), mm	Max. number of tool holders in a cradle
C3-IC-1	58	C3 = 9
C4-IC-1	58	C4 = 9
C5-IC-1	65.5	C5 = 8
C6-IC-1	81.5	C6 = 6
C8-IC-1	105	C8 = 5
C10-IC-1	120	C10 = 4

Coolant tubes for Coromant Capto



The requirement for use of coolant tubes is machine related, see machine information before installing.

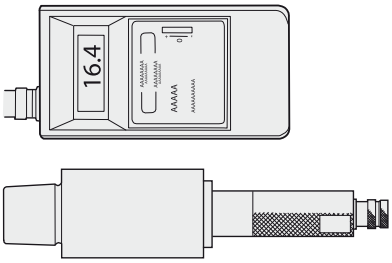
Ensure the clamping device and/or machine are able to accept/ handle the coolant tube before using.



Please refer to M/C manual

Contact your local Sandvik representative for more information.

Clamping force measuring device

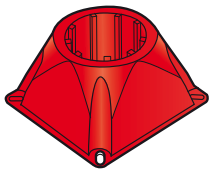


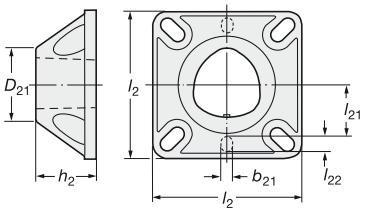
The safe control is used for measuring the clamping force of a machine's clamping system. If the clamping force is too low, the dynamic reaction beween spindle and tool deteriorates.

Contact your local Sandvik representative for more information.

Cassettes (polygon seating)

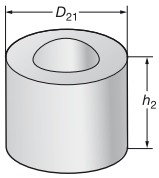
Coromant Capto®



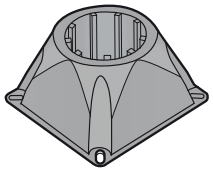


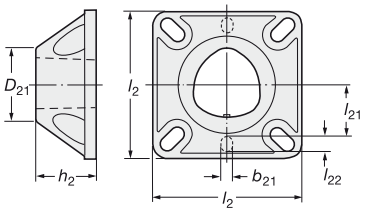
-4000
Plastic storage cassettes (red)

-6000-B



Aluminium cassette blanks



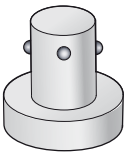


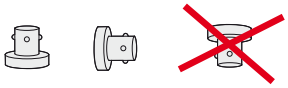
-5000
High grade plastic in-machine tool storage (black)

CZC	Ordering code	Dimensions, mm, inch b_{21}	D_{21}	h_2	l_2	l_{21}	l_{22}	All plastic cassettes conforming to hole pattern 17 mm, 20 mm, 25 mm and 1''.
C3	**C3-C-4000**	-	32	26	65	-	-	High grade plastic. Red colour. To be used: – alone for upright storage – with mechanism type PL-01 for horizontal or upright position.
		-	*1.260*	*1.024*	*2.559*	-	-	
C4	**C4-C-4000**	6	50	39	74	26	8	
		.236	*1.969*	*1.535*	*2.913*	*1.024*	*.315*	
C5	**C5-C-4000**	6	50	39	74	26	8	
		.236	*1.969*	*1.535*	*2.913*	*1.024*	*.315*	
C6	**C6-C-4000**	8	80	63	116	41	10	
		.315	*3.150*	*2.480*	*4.567*	*1.614*	*.394*	
C8	**C8-C-4000**	8	80	63	116	41	10	
		.315	*3.150*	*2.480*	*4.567*	*1.614*	*.394*	
C4	**C4-C-5000**	6	50	39	74	26	8	High grade re-inforced black plastic. For in-machine tool storage with mechanism AL-01.
		.236	*1.969*	*1.535*	*2.913*	*1.024*	*.315*	
C5	**C5-C-5000**	6	50	39	74	26	8	
		.236	*1.969*	*1.535*	*2.913*	*1.024*	*.315*	
C6	**C6-C-5000**	8	80	63	116	41	10	
		.315	*3.150*	*2.480*	*4.567*	*1.614*	*.394*	
C8	**C8-C-5000**	8	80	63	116	41	10	
		.315	*3.150*	*2.480*	*4.567*	*1.614*	*.394*	
C10	**C10-C-5000**	8	100	80	150	60	68	
		.315	*3.940*	*3.150*	*5.910*	*2.360*	*2.630*	
C6	**C6-C-6000-B**	-	120	63	-	-	-	Aluminium cassette blanks for individual adaptation. To be used with AL-01.
			4.724	*2.480*				
C8	**C8-C-6000-B**		120	63	-	-	-	
			4.724	*2.480*				
C10	**C10-C-6000-B**		138	80	-	-	-	
			5.433	*3.150*				

Locking mechanism for casettes

-PL-01

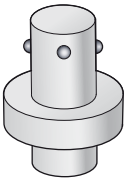


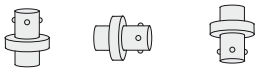


Passive locking mechanism

For vertical upwards and horizontal storage. NEVER upside down storage.

-AL-01





Active locking mechanism

For storage at all angles: vertical upwards and downwords or horizontal.

CZC	**Ordering code**	Pull action force, N	Pull action force, lbs	
C4	**C4-PL-01**	55	12.36	Central passive locking mechanism. Spring loaded clamping. Fits directly into all cassettes type 4000.
C5	**C5-PL-01**	120	26.98	
C6	**C6-PL-01**	150	33.72	
C8	**C8-PL-01**	240	53.95	

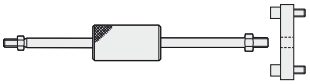
CZC	**Ordering code**	Rec. max. tool weight, kg	Rec. max. tool weight, lbs	
C4	**C4-AL-01**	40	88	Active locking mechanism – mechanical push action. Fits directly into all cassettes type 5000/6000.
C5	**C5-AL-01**	60	132	
C6	**C6-AL-01**	75	165	
C8	**C8-AL-01**	110	243	
C10	**C10-AL-01**	150	330.7	

CZC	**Ordering code**	Rec. max. tool weight, kg	Rec. max. tool weight, lbs	
C6	**C6-AL-02**	75	165	Active locking mechanism – mechanical push action. Fits directly into all cassettes type 5000/6000.
C8	**C8-AL-02**	110	243	

Assembly item

Extracting tool

for disassembling the polygon socket on manual and automatic clamping units



Extracting tool

Withdrawal tool

CZC	Ordering code
C3	**CC-ET-01**
C4	**CC-ET-01**
C5	**CC-ET-02**
C6	**CC-ET-02**
C8	**CC-ET-02**

Note: Withdrawal tool to be ordered separately.

Withdrawal tool

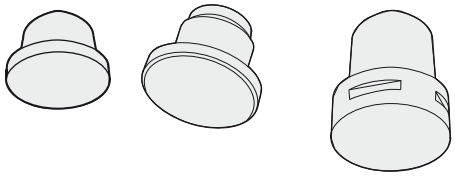
To remove polygone sleeve from clamping units can be used together with CC-ET-01/02



CZC	Ordering code	Spare parts	
		Centre screw	Peripheral screw
C3	**C3-WDT-01M**	3214 030-463	5512 040-03
C4	**C4-WDT-02**	3214 030-464	5512 040-04
C5	**C5-WDT-02**	3214 030-516	5512 040-05
C6	**C6-WDT-02**	3214 030-516	5512 040-06
C8	**C8-WDT-02**	3214 030-516	3212 010-511

Cover plug

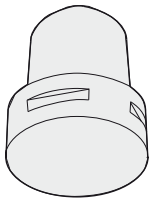
CP-11 CP-01 CPA-01



CZC	Ordering code		
	Manual unit	Automatic unit	Type 3000
C3	**C3-CP-01**	-	**C3-CP-11**
C4	**C4-CP-01**	**C4-CPA-01**	**C4-CP-11**
C5	**C5-CP-01**	**C5-CPA-01**	**C5-CP-11**
C6	**C6-CP-01**	**C6-CPA-01**	-
C8	**C8-CP-01**	**C8-CPA-01**	-
C10	**-**	**C10-CPA-01**	-

Balancing tool

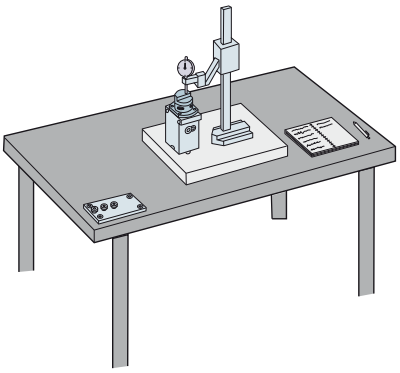
Cx-BAT-01



CZC	Ordering code
C3	**C3 - BAT - 01**
C4	**C4 - BAT - 01**
C5	**C5 - BAT - 01**
C6	**C6 - BAT - 01**
C8	**C8 - BAT - 01**
C10	**C10 - BAT - 01**

Assembly item

Pre-measuring fixture for Coromant Capto® cutting units



The precision of the Coromant Capto coupling ensures excellent repeatability when changing the same tool unit. This accuracy can be utilized in many ways, for example, in manual changing, the cutting edge indexing takes place outside the machine, where the edge positions can be checked in two co-ordinates on Sandvik's new pre-measuring fixture.

When the pre-measured unit is returned to the clamping unit in the turret, the edge deviation is compensated for through the machine control offset.

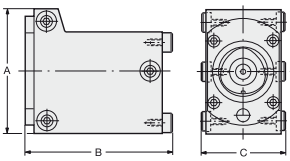
The fixture can be used with any dial indicator and preferably, a surface plate, but Sandvik recommend an indicator with a zero-set switch and a contact stylus.

Basic package

You may already have the required measuring equipment in your shop – all you need is the measuring kit:

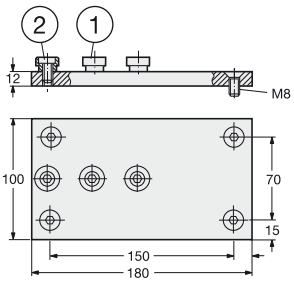
- Pre-measuring unit
- Holding plate (anchor for tightening)
- Master

Pre-measuring unit



CZC	Ordering code	Dimensions, mm (inch) A	B	C
C3	**C3-PMU-01M**	65 (2.56)	85 (3.35)	44 (1.79)
C4	**C4-PMU-01M**	77 (3.03)	94 (3.70)	54 (2.13)
C5	**C5-PMU-01M**	94 (3.70)	130 (5.12)	70 (2.76)
C6	**C6-PMU-01**	114 (4.40)	135 (5.31)	90 (3.54)
C8	**C8-PMU-01**	133 (5.24)	150 (5.91)	106 (4.17)

Holding plate for Pre-measuring unit

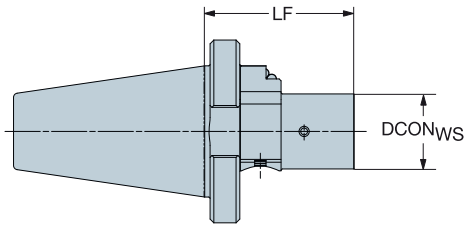


CZC	Ordering code	Spare parts 1 Stud	2 Screw
C3 – C8	**C-HP-01**	5638 060-01	3212 020-409

Assembly item

Pre-measuring unit

Coromant Capto®

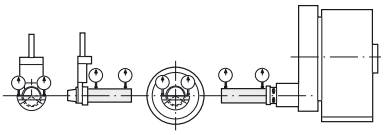


					Dimensions, mm	
CZC_{MS}	CZC_{WS}	CNSC	CXSC	**Ordering code**	$DCON_{WS}$	LF
50	C4	0	0	C4-PMU-I50	40	80
	C5	0	0	C5-PMU-I50	50	90
	C6	0	0	C6-PMU-I50	63	107
	C8	0	0	C8-PMU-I50	80	127

Assembly item

Master setting gauges

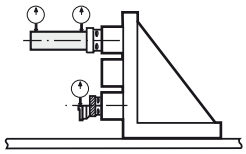
Checking position for grippers

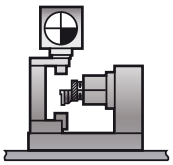


Spindle orientation

The Coromant Capto system guarantees exceptional, repeatable accuracy but this is of little use unless the various other components in the total machining process are correctly and accurately positioned.
Coromant offers a range of axial and centre height master setting gauges for the various coupling sizes which are strongly recommended for setting important parameters such as:

Tool post centre line





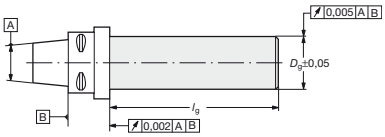
Tool presetting

Component fixture geometric control

- The centre line of the tool post
- Spindle orientation
- The position of the tool for grippers
- Tool centre height and cutting edge position (f_1 and l_1 dimensions). Gauges can be used in a pre-measuring fixture
- Component fixtures

Axial gauge

Master setting gauges MAS-11

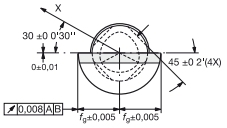


CZC	Ordering code	Dimensions, mm (inch) D_g	l_g
C3	**C3-MAS-11**	25 (.98)	160 (6.30)
C4	**C4-MAS-11**	25 (.98)	160 (6.30)
C5	**C5-MAS-11**	32 (1.26)	210 (8.27)
C6	**C6-MAS-11**	40 (1.57)	315 (12.40)
C8	**C8-MAS-11**	40 (1.57)	315 (12.40)
C10	**C10-MAS-11**	60 (2.362)	420 (16.535)

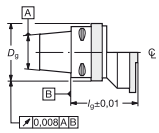
Centre height gauge

Master setting gauges MAS-01

(Polygon)



Gripper groove



CZC	Ordering code	Dimensions, mm (inch) f_g	l_g	D_g
C3	**C3-MAS-01**	22 (.87)	40 (1.57)	34 (1.34)
C4	**C4-MAS-01**	27 (1.06)	50 (1.97)	42 (1.65)
C5	**C5-MAS-01**	35 (1.38)	60 (2.36)	52 (2.05)
C6	**C6-MAS-01**	45 (1.77)	65 (2.56)	65 (2.56)
C8	**C8-MAS-01**	55 (2.17)	80 (3.15)	82 (3.23)
C10	**C10-MAS-01**	65 (2.559)	10 (3.937)	10 (4.016)

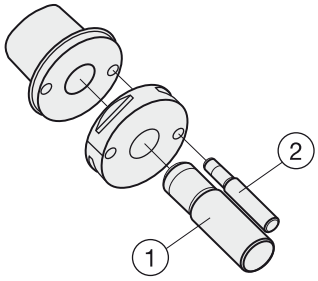
Centre height gauge

(Polygon) Gripper groove

CZC	Ordering code	Dimensions, mm (inch) l_g	D_g
C4	**C4-MAS-25 140**	140 (5.512)	25 (.984)
C5	**C5-MAS-32 145**	145 (5.709)	32 (1.260)
C6	**C6-MAS-40 180**	180 (7.087)	40 (1.575)
C8	**C8-MAS-40 240**	240 (9.449)	40 (1.575)

Assembly item

Alignment tool



This tool is used to check the Automatic Tool Change positioning tolerance between the gripper arm and magazine and the clamping unit/ spindle. If the tolerance is not achieved the result can be abnormal wear on cutting tool or Coromant Capto interface, wrong clamping, dropped tools, personal injuries etc. Instructions and tolerances are available in the box together with the tool.

	Ordering code	Spare parts	
		1	2
CZC	**Tool**	Gauge pin	Gauge pin
C4	**C4-AMT-01**	5552 069-03	5552 069-01
C5	**C5-AMT-01**	5552 069-04	5552 069-01
C6	**C6-AMT-01**	5552 069-05	5552 069-02
C8	**C8-AMT-01**	5552 069-05	5552 069-02
C10	**C10-AMT-01**	5552 069-09	5552 069-08

CUTTING TOOLS FROM SANDVIK COROMANT

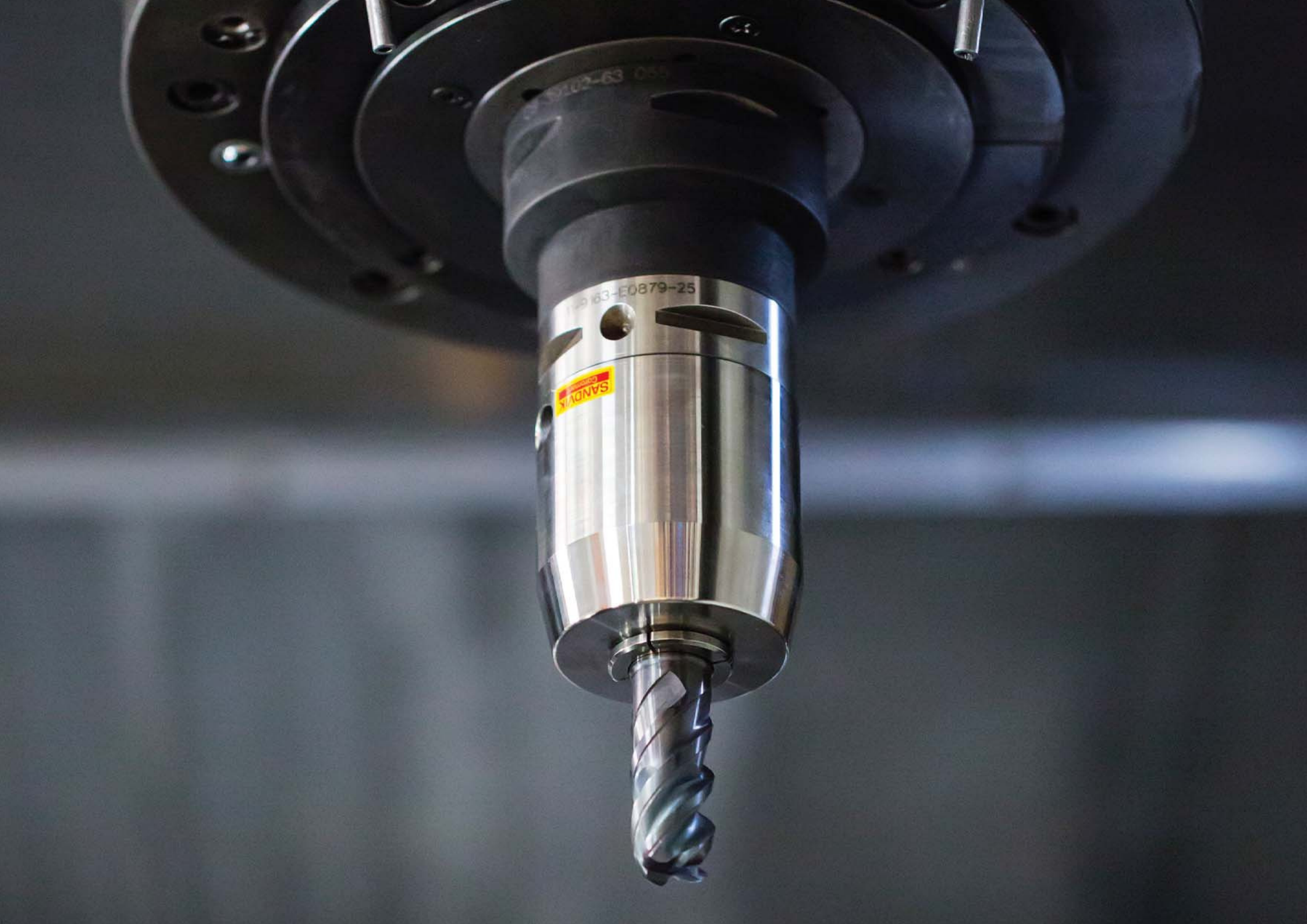
SANDVIK Coromant

Rotating tools

MILLING
DRILLING
TAPPING
BORING
REAMING
ROTATING TOOL ADAPTORS



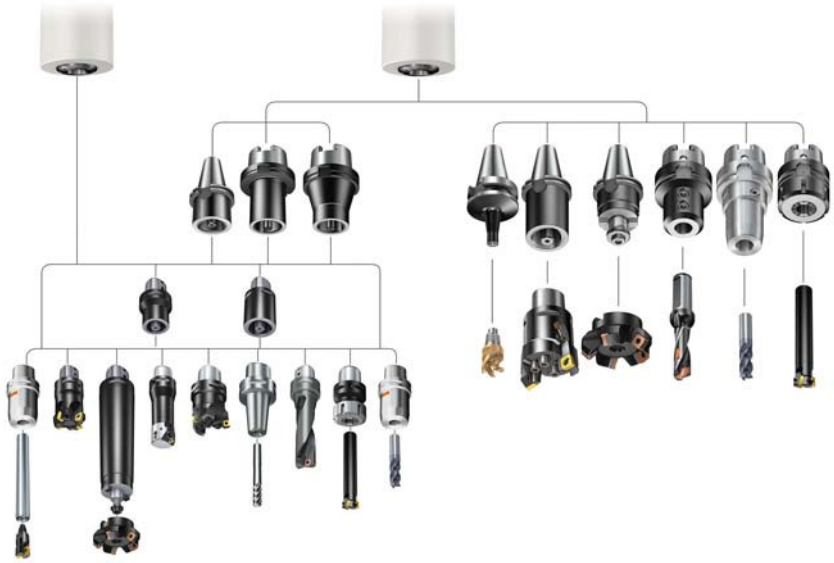
2015


63-E0879-25
SANDVIK

Machining centre adaptors

Complete offer for all machine requirements

Coromant Capto® integrated **Modular assemblies** **Solid holders**

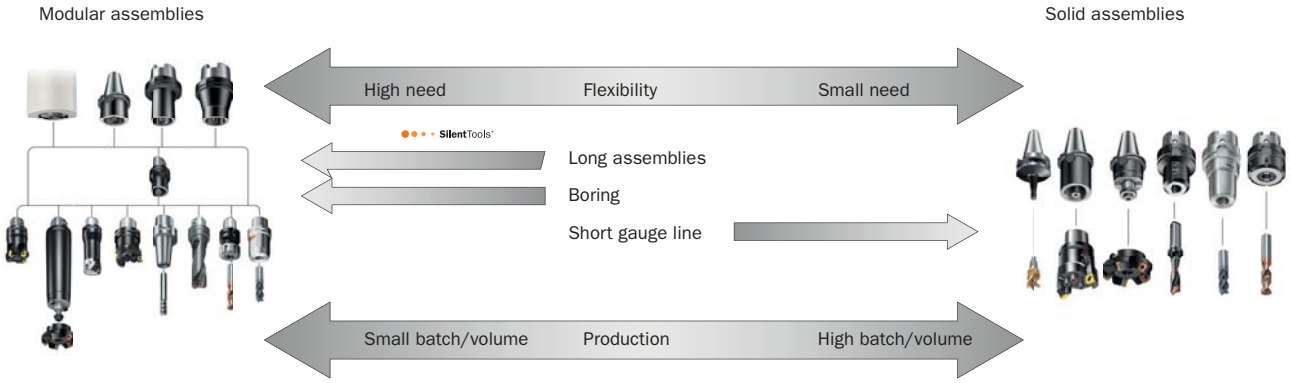


All main machine interfaces covered



CAT-V 40	CAT V BIG-PLUS® 40	HSK A/C 40	Coromant Capto® C3
CAT-V 50	CAT V BIG-PLUS® 50	HSK A/C 50	Coromant Capto® C4
CAT-V 60		HSK A/C 63	Coromant Capto® C5
ISO 40	ISO BIG-PLUS® 40	HSK A/C 80	Coromant Capto® C6
ISO 50	ISO BIG-PLUS® 50	HSK A/C 100	Coromant Capto® C8
ISO 60		HSK A/C 125	Coromant Capto® C10
MAS-BT 30	MAS-BT BIG-PLUS® 30	HSK A/C 160	
MAS-BT 40	MAS-BT BIG-PLUS® 40	HSK A/C/T 40	
MAS-BT 50	MAS-BT BIG-PLUS® 50	HSK A/C/T 63	
MAS-BT 60		HSK A/C/T 100	
		HSK F 80 (with pins)	

Tooling guidelines- modular versus solid



CoroChuck™ 930

High precision hydraulic chuck

For stable machining in milling and drilling

Page 043

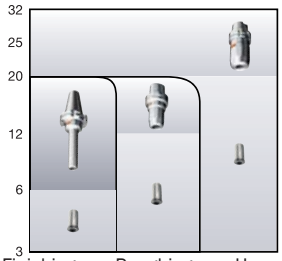




Application

Suitable for milling and drilling operations where precision, easy handling and high pull-out security are required

Diameter, mm



Technical features

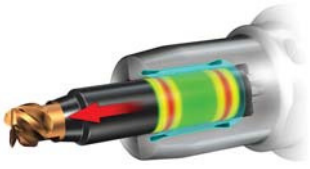
- Precision run out <4 µm at 2.5 × cutter diameter
- Adjustable clamping lengths by an adjustment screw
- Easy handling with torque wrench used for secure clamping

Clamping possibilities

Bore size, mm		Cylindrical	Weldon	Whistle Notch	ISO 9766
	With collet	✓	✓	✓	✓
	6, 12,20	✓	✓	✓	✗
	25,32	✓	✗	✗	✗



CoroChuck™ 930 can be used with or without reduction collets. For internal coolant use 393.CGS collets and for external coolant use 393.CG.



Fulcrum technology* gives best pull-out security on the market. It allows for secure clamping with two supports on each side (fulcrums).



Also available with BIG-PLUS interface for machining centers.

Tailor Made

The HD and Slender version with length options in many different machine interfaces available as Tailor Made.

CoroChuck™ 970

Tapping chuck

For a secure tapping process

Page 054





Application

- For elimination of oversized threading
- Suitable for all synchronized tapping operations

Technical features

- Synchronized tapping reduces thrust force on tap flanks
- Provides accurate depth thanks to limited axial compensation
- Improved design for internal coolant
- Suitable for high pressure coolant up to 80 bar (1160 psi)

Available coupling types

- Coromant Capto®
- ISO-Cone (ISO, MAS-BT, CAT-V)
- HSK
- Cylindrical
- Weldon

Product range

Design	Coromant Capto® coupling size	ISO-Cone (ISO, MAS-BT, CAT-V)	HSK	Cylindrical	Weldon	ER size
SynchroFlex®	C3, C4, C5, C6, C8, C10	30, 40, 50	63, 100	12, 16, 20	12, 16, 25, 25A	8, 11, 20, 25, 40

How to select tool holding

1 Select tool assembly method

- For modular or solid, from the table of content on page 10.

2 Select an adaptor style

- Use the programme overview for the system to choose an adaptor based on the type of machining and machine tool application.
- Coromant Capto® rotating, page 01

3 Select a coupling size

Turn to the ordering page and
- Select the right coupling size
- Select adaptor for assembly



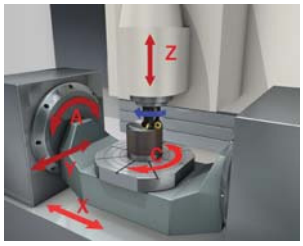
4 Select basic holder

- Use the programme overview to choose a holder based on machine type.
- Select the right coupling type and taper size.

5 Add extensions if necessary when using Coromant Capto®

- Add extensions where needed to complete gauge length requirements. Use the programme overview to find suitable extension.





Symbols for page references:

Accessories

Tailor Made options

Explanation of ISO 13399 parameters

Coolant supply information

Code key

Coromant Capto®

	Modular tooling						
	Extension adaptor	**Short extension adaptor, for segment clamping only**	**Reduction adaptor**	**Short reduction adaptor, for segment clamping only**	**Coolant Inducer adaptor**	**Coromant EH adaptor**	
							
Tool style code	**Cx-391.01**	**Cx-391.01**	**Cx-391.02**	**Cx-391.02**	**Cx-391.02CCH**	**Cx-391.EH Cx-A391.EH**	
Page	O14	O14	O15	O16	O16	O17	
Adaptive Interface Workpiece side							
Tooling example							

	Adaptors						
	Face mill adaptor	**Dampened face mill adaptor**	**Dampened face mill adaptor**	**Side and face mill adaptor**	**Adaptor for VL tools**	**Weldon shank adaptor**	
		 SilentTools	 SilentTools				
Tool style code	**Cx-391.05C Cx-A391.05C Cx-391.05 Cx-A391.05**	**Cx-391.05CD Cx-A391.05CD**	**Cx-391.06**	**Cx-391.10 Cx-A391.10**	**Cx-391.01-V**	**Cx-391.20 Cx-A391.20**	
Page	O23	O29	O30	O32	O34	O35	
Application	**Milling**	**Milling**	**Boring**	**Milling**	**Drilling**	**Milling**	
Adaptive Interface Workpiece side							
Tooling example							

Coromant Capto®

	Adaptors						
	Drill adaptor ISO 9766	**ISO 9766 Adjustable adaptor**	**Weldon/ Drill shank adaptor ISO 9766**	**CoroMill® 327, for segment clamping only**			
							
Tool style code	**Cx-391.27**	**Cx-391.277**	**Cx-391.23** **Cx-A391.23**	**Cx-391.327**			
Page	O39	O40	O41	O42			
Application	**Drilling**	**Drilling**	**Milling/Drilling**	**Milling**			
Adaptive Interface Workpiece side							
Tooling example							

Coromant Capto®

	Chucks						
	CoroChuck™ 930			Shrink fit	Shrink fit with iLock	ER collet chuck adaptor	Drill chuck
	Heavy Duty	Slender	Pencil				
							
Tool style code	**930-Cx-HD**	**930-Cx-S**	**930-Cx-P**	**Cx-391.19 Cx-A391.19**	**Cx-391.19Y**	**Cx-391.14**	**Cx-391.32**
Page	O43	O44	O45	O46	O49	O50	O53
Application	**Milling/Drilling**	**Milling/Drilling**	**Milling/Drilling**	**Milling/Drilling**	**Milling**	**Milling/Drilling**	**Drilling**
Adaptive Interface Workpiece side							
Tooling example							

	Chucks	Tap adaptors		Blanks
	CoroChuck™ 970	Quick change tapping chuck	Floating rubber collet chuck	
				
Tool style code	**970-Cx**	**Cx-391.60 Cx-391.61**	**391.60B**	**Cx-391.50**
Page	O54	O55	O56	O57
Application	**Tapping**	**Tapping**	**Tapping**	
Adaptive Interface Workpiece side				
Tooling example				

HSK

Modular tooling

	Machine interface adaptors HSK A/C		Machine interface adaptor HSK A/C/T	Machine interface adaptor HSK F with pins	Coromant EH adaptor		
		Heavy duty					
							
Tool style code	**Cx-390.410**	**Cx-390.410HD**	**Cx-390.419**	**Cx-390.612**	**392.410EH**		
Page	O58	O59	O60	O60	O61		
Adaptive Interface Workpiece side							
Tooling example							

Adaptors

	Face mill adaptor	Dampened face mill adaptor	HSK to VL adaptor	End mill adaptor Weldon	Drill adaptor ISO 9766 shank	Adjustable drill adaptor	
		 SilentTools®					
Tool style code	**392.41005C A392.41005C 392.41005 A392.41005**	**392.41005CD A392.41005CD**	**390.410**	**392.41020 A392.41020**	**392.41027**	**392.410277**	
Page	O63	O67	O68	O69	O71	O72	
Application	**Milling**	**Milling**	**Drilling**	**Milling**	**Drilling**	**Drilling**	
Adaptive Interface Workpiece side							
Tooling example							

HSK

	Chucks						
	CoroChuck™ 930			Shrink fit with iLock	ER collet chuck	CoroChuck™ 970	
	Heavy Duty	Slender	Pencil				
							
Tool style code	**930-HAxx-HD**	**930-HAxx-S**	**930-HAxx-P**	**392.41019Y**	**392.41014**	**970-HAxx**	
Page	O73	O73	O74	O75	O76	O77	
Application	**Milling/Drilling**	**Milling/Drilling**	**Milling/Drilling**	**Milling**	**Milling/Drilling**	**Tapping**	
Adaptive Interface Workpiece side							
Tooling example							

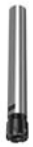
	Blanks
	
Tool style code	**392.41050**
Page	O78
Application	
Adaptive Interface Workpiece side	
Tooling example	

	Modular tooling					
	Machine interface adaptors Coromant Capto®				Coromant EH adaptor	
		90° rotated polygon	Manual Tool Change	Camshaft clamping		
						
BIG-PLUS ISO	**Cx-390.540 Cx-390B.540**					
Page	O79					
BIG-PLUS MAS-BT	**Cx-390B.555 Cx-390B.558**	**Cx-390.562**				
Page	O85	O86				
BIG-PLUS CAT-V ASME B5.50-1985	**Cx-A390.545**	**Cx-A390.546**				
Page	O93	O94				
BIG-PLUS CAT-V ASME B5.50-2009	**Cx-A390.544**					
Page	O93					
BIG-PLUS CAT-V HD Design		**Cx-A390.547**				
Page		O94				
ISO 7388.1	**Cx-390B.140**				**392.140EH**	
Page	O100				O101	
MAS-BT 403	**Cx-390B.55 Cx-390B.58**	**Cx-A390.605**			**392.55EH**	
Page	O115	O116			O117	
CAT-V ASME B5.50 1985	**Cx-A390.45**				**A392.45EH**	
Page	O135				O136	
CAT-V ASME B5.50 2009	**Cx-A390B.45 Cx-A390.44**					
Page	O134					
DIN 2080			**Cx-390.00**			
Page			O150			
NMTB			**Cx-A390.00**			
Page			O151			
DIN 2079				**Cx-390.34705**		
Page				O152		
Adaptive Interface Workpiece side						
Tooling example						

	Adaptors					
	Face mill adaptor	**Side and face mill adaptor**	**Adaptor for VL tools**	**Weldon shank adaptor**	**Drill adaptor ISO 9766**	**Weldon/drill shank adaptor ISO 9766**
						
BIG-PLUS ISO	**392.54005C**					**392.54023**
Page	O80					O81
BIG-PLUS MAS-BT	**392.55805C** **392.55505C**		**390.558**			**392.55823** **392.55523**
Page	O87		O88			O89
BIG-PLUS CAT-V ASME B5.50-1985						
Page						
BIG-PLUS CAT-V ASME B5.50-2009	**A392.54505C**					**A392.54523**
Page	O95					O96
ISO 7388.1	**A1B05** **A1F05**	**A1B08**	**390.140** **390.272**	**A1B20** **A1X20**	**A1B27**	
Page	O102	O103	O104	O105	O108	
MAS-BT 403	**A205** **A2B05** **A2F05**	**A208** **A2B08**	**390.58**	**A2B20** **A2X20** **AA220** **AA2B20**	**A227** **A2B27**	
Page	O118	O120	O121	O122	O126	
CAT-V ASME B5.50 1985	**AA3B05**	**AA3B10**	**A390.45**	**392.45520** **AA3B20**	**A3B27** **AA3B27**	
Page	O137	O138	O135	O140	O143	
CAT-V ASME B5.50 2009						
Page						
Application	**Milling**	**Milling**	**Drilling**	**Milling**	**Drilling**	**Milling/Drilling**
Adaptive Interface Workpiece side						
Tooling example						

	Chucks					
	CoroChuck™ 930			Shrink fit with iLock	ER collet chuck DIN 6499-B	CoroChuck™ 970
	Heavy Duty	Slender	Pencil			
						
BIG-PLUS ISO	**930-IBxx-HD**	**930-IBxx-S**	**930-IBxx-P**		**392.54014**	
Page	O82	O82	O83		O84	
BIG-PLUS MAS-BT	**930-BBxx-HD**	**930-BBxx-S**	**930-BBxx-P**		**392.55514**	
Page	O90	O90	O91		O92	
BIG-PLUS CAT-V ASME B5.50 1985					**A392.54514**	
Page					O99	
BIG-PLUS CAT-V ASME B5.50 2009	**930-VBxx-HD**	**930-VBxx-S**	**930-VBxx-P**			
Page	O97	O97	O98			
ISO 7388.1	**930-Ixx-HD**	**930-Ixx-S**	**930-Ixx-P**	**392.14019Y**	**A1B14**	**970-Ixx**
Page	O110	O110	O111	O112	O113	O114
MAS-BT 403	**930-Bxx-HD**	**930-Bxx-S**	**930-Bxx-P**	**392.5519Y**	**A214 A2B14**	**970-Bxx**
Page	O128	O128	O129	O130	O131	O133
CAT-V ASME B5.50 1985				**A392.4519Y**	**AA3B14**	
Page				O147	O148	
CAT-V ASME B5.50 2009	**930-Vxx-HD**	**930-Vxx-S**	**930-Vxx-P**			**970-Vxx**
Page	O145	O145	O146			O149
Application	**Milling/Drilling**	**Milling/Drilling**	**Milling/Drilling**	**Milling**	**Milling/Drilling**	**Tapping**
Adaptive Interface Workpiece side						
Tooling example						

Shanks and miscellaneous interfaces

	Cylindrical shanks		
	Cylindrical shank to Coromant EH adaptor	**Cylindrical shank to CoroChuck™ 970**	**Cylindrical shank to ER collet chuck**
			
Tool style code	**AEHxx AExx-Axx..E AExx-Axx..S Exx-Axx-C EHxx-Axx-CE**	**970-CYxx**	**A393.14-xx**
Page	O153	O160	O159
Application	**Milling/Boring**	**Tapping**	**Milling/Drilling**
Adaptive Interface Workpiece side			
Tooling example			

	Weldon shanks		
	Weldon to CoroMill® 327 adaptor	**Weldon shank to CoroChuck™ 970**	**Weldon to Quick change tapping chuck**
			
Tool style code	**327-xx A327-xx**	**970-WExx**	**393.2060**
Page	O161	O163	O164
Application	**Milling**	**Tapping**	**Tapping**
Adaptive Interface Workpiece side			
Tooling example			

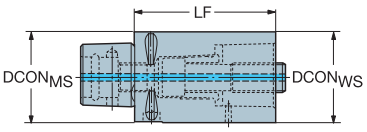
	R8 (Bridgeport)		
	R8 to Coromant EH adaptor	**R8 to arbor adaptor**	
			
Tool style code	**A392.R8EH**	**392.R8.05 A392.R8.05**	
Page	O165	O166	
Application	**Milling**	**Milling**	
Adaptive Interface Workpiece side			
Tooling example			

	ER		
	ER to Coromant EH adaptor	**ER to CoroMill® 327 adaptor**	
			
Tool style code	**EH-ER 392.EREH EH-ER-A A392.EREH**	**327-ER 392.ER327**	
Page	O167	O169	
Application	**Milling**	**Milling**	
Adaptive Interface Workpiece side			
Tooling example			

Coromant Capto® extension adaptor



DSGN 1



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	BD$_1$	CP Bar/PSI	Kg
C3	C3	1	1	1	C3-391.01-32 060A	32.0	32.0	60.0	60.0	32.0	80	0.33
						1.260	*1.260*	*2.362*	*2.362*	*1.260*	*1160*	
	C3	1	1	1	C3-391.01-32 080A	32.0	32.0	80.0	80.0	32.0	80	0.46
						1.260	*1.260*	*3.150*	*3.150*	*1.260*	*1160*	
C4	C4	1	1	1	C4-391.01-40 060A	40.0	40.0	60.0	60.0	40.0	80	0.52
						1.575	*1.575*	*2.362*	*2.362*	*1.575*	*1160*	
	C4	1	1	1	C4-391.01-40 080A	40.0	40.0	80.0	80.0	40.0	80	0.70
						1.575	*1.575*	*3.150*	*3.150*	*1.575*	*1160*	
C5	C5	1	1	1	C5-391.01-50 080A	50.0	50.0	80.0	80.0	50.0	80	1.10
						1.969	*1.969*	*3.150*	*3.150*	*1.969*	*1160*	
	C5	1	1	1	C5-391.01-50 100A	50.0	50.0	100.0	100.0	50.0	80	1.30
						1.969	*1.969*	*3.937*	*3.937*	*1.969*	*1160*	
C6	C6	1	1	1	C6-391.01-63 100A	63.0	63.0	100.0	100.0	63.0	80	2.32
						2.480	*2.480*	*3.937*	*3.937*	*2.480*	*1160*	
	C6	1	1	1	C6-391.01-63 140A	63.0	63.0	140.0	140.0	63.0	80	3.30
						2.480	*2.480*	*5.512*	*5.512*	*2.480*	*1160*	
C8	C8	1	1	1	C8-391.01-80 100A	80.0	80.0	100.0	100.0	80.0	80	3.44
						3.150	*3.150*	*3.937*	*3.937*	*3.150*	*1160*	
	C8	1	1	1	C8-391.01-80 125A	80.0	80.0	125.0	125.0	80.0	80	4.58
						3.150	*3.150*	*4.921*	*4.921*	*3.150*	*1160*	
C10	C10	1	1	1	C10-391.01-100 140	100.0	100.0	140.0	140.0	100.0	80	5.50
						3.937	*3.937*	*5.512*	*5.512*	*3.937*	*1160*	

Short version, for segment clamping only

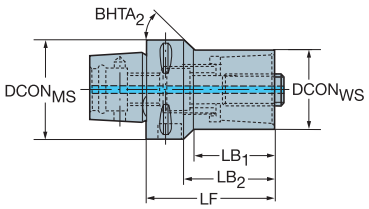
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	BD$_1$	CP Bar/PSI	Kg
C3	C3	1	1	2	C3-391.01-32 035	32.0	32.0	35.0	35.0	32.0	80	0.20
						1.260	*1.260*	*1.378*	*1.378*	*1.260*	*1160*	
C4	C4	1	1	2	C4-391.01-40 040	40.0	40.0	40.0	40.0	40.0	80	0.40
						1.575	*1.575*	*1.575*	*1.575*	*1.575*	*1160*	
C5	C5	1	1	2	C5-391.01-50 050	50.0	50.0	50.0	50.0	50.0	80	0.89
						1.969	*1.969*	*1.969*	*1.969*	*1.969*	*1160*	
C6	C6	1	1	2	C6-391.01-63 060	63.0	63.0	60.0	60.0	63.0	80	1.30
						2.480	*2.480*	*2.362*	*2.362*	*2.480*	*1160*	
C8	C8	1	1	2	C8-391.01-80 065	80.0	80.0	65.0	65.0	80.0	80	2.42
						3.150	*3.150*	*2.559*	*2.559*	*3.150*	*1160*	

P1 P2 Q5 Q1 Q35

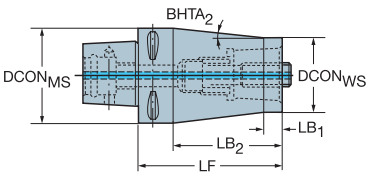
Coromant Capto® reduction adaptor

DSGN 7





7



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_2$	CP Bar/PSI	Kg
C4	C3	1	1	7	C4-391.02-32 055A	40.0	32.0	55.0	31.0	35.0	55.0	32.0	32.0	40.0	45°	80	0.49
						1.575	*1.260*	*2.165*	*1.220*	*1.378*	*2.165*	*1.260*	*1.260*	*1.575*		*1160*	
	C3	1	1	7	C4-391.02-32 070A	40.0	32.0	70.0	12.0	50.0	70.0	32.0	32.0	40.0	6°	80	0.58
						1.575	*1.260*	*2.756*	*.472*	*1.969*	*2.756*	*1.260*	*1.260*	*1.575*		*1160*	
C5	C3	1	1	7	C5-391.02-32 060A	50.0	32.0	60.0	34.8	40.0	60.0	32.0	32.0	50.0	60°	80	0.64
						1.969	*1.260*	*2.362*	*1.370*	*1.575*	*2.362*	*1.260*	*1.260*	*1.969*		*1160*	
	C4	1	1	7	C5-391.02-40 065A	50.0	40.0	65.0	40.0	45.0	65.0	40.0	40.0	50.0	45°	80	0.71
						1.969	*1.575*	*2.559*	*1.575*	*1.772*	*2.559*	*1.575*	*1.575*	*1.969*		*1160*	
	C4	1	1	7	C5-391.02-40 085A	50.0	40.0	85.0	12.0	65.0	85.0	40.0	40.0	50.0	5°	80	1.10
						1.969	*1.575*	*3.346*	*.472*	*2.559*	*3.346*	*1.575*	*1.575*	*1.969*		*1160*	
C6	C3	1	1	7	C6-391.02-32 070A	63.0	32.0	70.0	39.0	48.0	70.0	32.0	32.0	63.0	60°	80	1.10
						2.480	*1.260*	*2.756*	*1.535*	*1.890*	*2.756*	*1.260*	*1.260*	*2.480*		*1160*	
	C4	1	1	7	C6-391.02-40 080A	63.0	40.0	80.0	51.4	58.0	80.0	40.0	40.0	63.0	60°	80	1.25
						2.480	*1.575*	*3.150*	*2.024*	*2.283*	*3.150*	*1.575*	*1.575*	*2.480*		*1160*	
	C5	1	1	7	C6-391.02-50 080A	63.0	50.0	80.0	51.5	58.0	80.0	50.0	50.0	63.0	45°	80	1.46
						2.480	*1.969*	*3.150*	*2.028*	*2.283*	*3.150*	*1.969*	*1.969*	*2.480*		*1160*	
	C5	1	1	7	C6-391.02-50 110A	63.0	50.0	110.0	12.0	88.0	110.0	50.0	50.0	63.0	5°	80	2.17
						2.480	*1.969*	*4.331*	*.472*	*3.465*	*4.331*	*1.969*	*1.969*	*2.480*		*1160*	
C8	C3	1	1	7	C8-391.02-32 060A	80.0	32.0	60.0	29.3	38.0	60.0	32.0	32.0	80.0	70°	80	1.70
						3.150	*1.260*	*2.362*	*1.154*	*1.496*	*2.362*	*1.260*	*1.260*	*3.150*		*1160*	
	C4	1	1	7	C8-391.02-40 070A	80.0	40.0	70.0	36.5	48.0	70.0	40.0	40.0	80.0	60°	80	1.93
						3.150	*1.575*	*2.756*	*1.437*	*1.890*	*2.756*	*1.575*	*1.575*	*3.150*		*1160*	
	C5	1	1	7	C8-391.02-50 080A	80.0	50.0	80.0	49.3	58.0	80.0	50.0	50.0	80.0	60°	80	2.30
						3.150	*1.969*	*3.150*	*1.941*	*2.283*	*3.150*	*1.969*	*1.969*	*3.150*		*1160*	
	C6	1	1	7	C8-391.02-63 080A	80.0	63.0	80.0	53.1	58.0	80.0	63.0	63.0	80.0	60°	80	2.30
						3.150	*2.480*	*3.150*	*2.091*	*2.283*	*3.150*	*2.480*	*2.480*	*3.150*		*1160*	
	C6	1	1	7	C8-391.02-63 120A	80.0	63.0	120.0	12.0	90.0	120.0	63.0	63.0	80.0	6°	80	4.00
						3.150	*2.480*	*4.724*	*.472*	*3.543*	*4.724*	*2.480*	*2.480*	*3.150*		*1160*	
C10	C3	1	1	7	C10-391.02-32 085	100.0	32.0	85.0	29.4	49.0	85.0	32.0	32.0	100.0	60°	80	4.04
						3.937	*1.260*	*3.346*	*1.157*	*1.929*	*3.346*	*1.260*	*1.260*	*3.937*		*1160*	
	C4	1	1	7	C10-391.02-40 090	100.0	40.0	90.0	36.7	54.0	90.0	40.0	40.0	100.0	60°	80	4.12
						3.937	*1.575*	*3.543*	*1.445*	*2.126*	*3.543*	*1.575*	*1.575*	*3.937*		*1160*	
	C5	1	1	7	C10-391.02-50 095	100.0	50.0	95.0	44.6	59.0	95.0	50.0	50.0	100.0	60°	80	4.29
						3.937	*1.969*	*3.740*	*1.756*	*2.323*	*3.740*	*1.969*	*1.969*	*3.937*		*1160*	
	C6	1	1	7	C10-391.02-63 095	100.0	63.0	95.0	48.3	59.0	95.0	63.0	63.0	100.0	60°	80	3.19
						3.937	*2.480*	*3.740*	*1.902*	*2.323*	*3.740*	*2.480*	*2.480*	*3.937*		*1160*	
	C8	1	1	7	C10-391.02-80 100	100.0	80.0	100.0	58.2	64.0	100.0	80.0	80.0	100.0	60°	80	5.50
						3.937	*3.150*	*3.937*	*2.291*	*2.520*	*3.937*	*3.150*	*3.150*	*3.937*		*1160*	

 P1

 P2

 Q5

 Q1

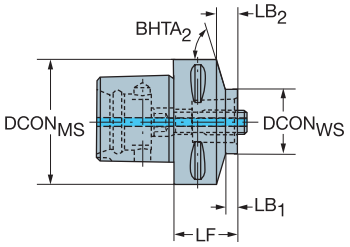
 Q35

Coromant Capto® reduction adaptor

Short version, for segment clamping only

DSGN 7

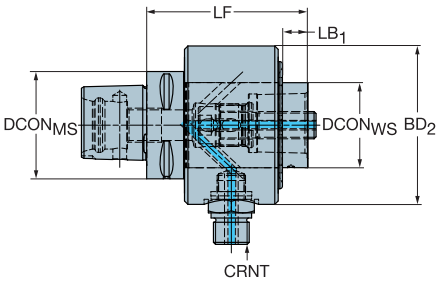




CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_2$	CP Bar/PSI	Kg
C5	C3	1	1	7	C5-391.02-32 033	50.0	32.0	33.0	10.0	13.0	33.0	32.0	32.0	50.0	72°	80	0.50
						1.969	*1.260*	*1.299*	*.394*	*.512*	*1.299*	*1.260*	*1.260*	*1.969*		*1160*	
	C4	1	1	7	C5-391.02-40 040	50.0	40.0	40.0	18.0	20.0	40.0	40.0	40.0	50.0	68°	80	0.60
						1.969	*1.575*	*1.575*	*.709*	*.787*	*1.575*	*1.575*	*1.575*	*1.969*		*1160*	
C6	C3	1	1	7	C6-391.02-32 032	63.0	32.0	32.0	6.0	10.0	32.0	32.0	32.0	63.0	75°	80	0.90
						2.480	*1.260*	*1.260*	*.236*	*.394*	*1.260*	*1.260*	*1.260*	*2.480*		*1160*	
	C4	1	1	7	C6-391.02-40 040	63.0	40.0	40.0	11.0	18.0	40.0	40.0	40.0	63.0	58°	80	0.90
						2.480	*1.575*	*1.575*	*.433*	*.709*	*1.575*	*1.575*	*1.575*	*2.480*		*1160*	
	C5	1	1	7	C6-391.02-50 050	63.0	50.0	50.0	26.5	28.0	50.0	50.0	50.0	63.0	77°	80	1.00
						2.480	*1.969*	*1.969*	*1.043*	*1.102*	*1.969*	*1.969*	*1.969*	*2.480*		*1160*	
C8	C5	1	1	7	C8-391.02-50 045	80.0	50.0	45.0	10.0	15.5	45.0	50.0	50.0	80.0	70°	80	1.70
						3.150	*1.969*	*1.772*	*.394*	*.610*	*1.772*	*1.969*	*1.969*	*3.150*		*1160*	
	C6	1	1	7	C8-391.02-63 055	80.0	63.0	55.0	20.0	25.0	55.0	63.0	63.0	80.0	60°	80	2.00
						3.150	*2.480*	*2.165*	*.787*	*.984*	*2.165*	*2.480*	*2.480*	*3.150*		*1160*	
C10	C6	1	1	7	C10-391.02-63 055	100.0	63.0	55.0	14.0	19.0	55.0	63.0	63.0	100.0	75°	80	3.18
						3.937	*2.480*	*2.165*	*.551*	*.748*	*2.165*	*2.480*	*2.480*	*3.937*		*1160*	
	C8	1	1	7	C10-391.02-80 065	100.0	80.0	65.0	25.4	29.0	65.0	80.0	80.0	100.0	70°	80	3.20
						3.937	*3.150*	*2.559*	*1.000*	*1.142*	*2.559*	*3.150*	*3.150*	*3.937*		*1160*	

Coolant inducer





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CRNT	CP Bar/PSI	Kg	RPMX
C6	C5	2	1	C6-391.02CCH-50 095	63.0	50.0	95.0	15.0	95.0	50.0	93.0	G 1/2"	18	0.00	4300
					2.480	*1.969*	*3.740*	*.591*	*3.740*	*1.969*	*3.661*		*261*		
C8	C6	2	1	C8-391.02CCH-63 110	80.0	63.0	110.0	15.0	110.0	63.0	108.0	G 1/2"	18	4.50	3300
					3.150	*2.480*	*4.331*	*.591*	*4.331*	*2.480*	*4.252*		*261*		

 P1

 P2

Tailor Made Q5

ISO 13399 Q1

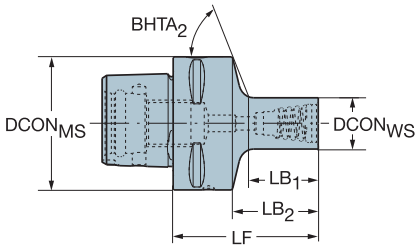
CNSC CXSC Q35

Coromant Capto® to Coromant EH adaptor

Short design



DSGN 7



Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_2$	CP Bar/PSI	Kg	BBD	RPMX
C3	E10	1	1	7	C3-391.EH-10 035	32.0	9.6	35.0	13.2	20.0	35.0	9.6	9.6	32.0	58°	150	0.13	1	40000
						1.260	*.378*	*1.378*	*.520*	*.787*	*1.378*	*.378*	*.378*	*1.260*		*2175*			
	E12	1	1	7	C3-391.EH-12 038	32.0	11.6	38.0	16.4	23.0	38.0	11.6	11.6	32.0	57°	150	0.13	1	40000
						1.260	*.457*	*1.496*	*.646*	*.906*	*1.496*	*.457*	*.457*	*1.260*		*2175*			
	E16	1	1	7	C3-391.EH-16 043	32.0	15.4	43.0	21.9	28.0	43.0	15.4	15.4	32.0	53°	150	0.15	1	40000
						1.260	*.606*	*1.693*	*.862*	*1.102*	*1.693*	*.606*	*.606*	*1.260*		*2175*			
C4	E10	1	1	7	C4-391.EH-10 041	40.0	9.6	41.0	13.1	21.0	41.0	9.6	9.6	40.0	62°	200	0.27	1	39000
						1.575	*.378*	*1.614*	*.516*	*.827*	*1.614*	*.378*	*.378*	*1.575*		*2900*			
	E12	1	1	7	C4-391.EH-12 044	40.0	11.6	44.0	16.4	24.0	44.0	11.6	11.6	40.0	61°	200	0.28	1	39000
						1.575	*.457*	*1.732*	*.646*	*.945*	*1.732*	*.457*	*.457*	*1.575*		*2900*			
	E16	1	1	7	C4-391.EH-16 049	40.0	15.4	49.0	21.9	29.0	49.0	15.4	15.4	40.0	59°	200	0.29	1	39000
						1.575	*.606*	*1.929*	*.862*	*1.142*	*1.929*	*.606*	*.606*	*1.575*		*2900*			
	E20	1	1	7	C4-391.EH-20 046	40.0	19.2	46.0	19.4	26.0	46.0	19.2	19.2	40.0	57°	200	0.30	1	39000
						1.575	*.756*	*1.811*	*.764*	*1.024*	*1.811*	*.756*	*.756*	*1.575*		*2900*			
	E25	1	1	7	C4-391.EH-25 051	40.0	24.1	51.0	25.0	31.0	51.0	24.1	24.1	40.0	53°	200	0.33	1	39000
						1.575	*.949*	*2.008*	*.984*	*1.220*	*2.008*	*.949*	*.949*	*1.575*		*2900*			
C5	E10	1	1	7	C5-391.EH-10 042	50.0	9.6	42.0	12.8	22.0	42.0	9.6	9.6	50.0	65°	200	0.46	1	28000
						1.969	*.378*	*1.654*	*.504*	*.866*	*1.654*	*.378*	*.378*	*1.969*		*2900*			
	E12	1	1	7	C5-391.EH-12 045	50.0	11.6	45.0	16.0	25.0	45.0	11.6	11.6	50.0	64°	200	0.47	1	28000
						1.969	*.457*	*1.772*	*.630*	*.984*	*1.772*	*.457*	*.457*	*1.969*		*2900*			
	E16	1	1	7	C5-391.EH-16 050	50.0	15.4	50.0	21.5	30.0	50.0	15.4	15.4	50.0	63°	200	0.48	1	28000
						1.969	*.606*	*1.969*	*.846*	*1.181*	*1.969*	*.606*	*.606*	*1.969*		*2900*			
	E20	1	1	7	C5-391.EH-20 047	50.0	19.2	47.0	19.0	27.0	47.0	19.2	19.2	50.0	62°	200	0.49	1	28000
						1.969	*.756*	*1.850*	*.748*	*1.063*	*1.850*	*.756*	*.756*	*1.969*		*2900*			
	E25	1	1	7	C5-391.EH-25 052	50.0	24.1	52.0	24.7	32.0	52.0	24.1	24.1	50.0	60°	200	0.52	1	28000
						1.969	*.949*	*2.047*	*.972*	*1.260*	*2.047*	*.949*	*.949*	*1.969*		*2900*			
C6	E10	1	1	7	C6-391.EH-10 046	63.0	9.6	46.0	13.0	24.0	46.0	9.6	9.6	63.0	67°	200	0.83	1	20000
						2.480	*.378*	*1.811*	*.512*	*.945*	*1.811*	*.378*	*.378*	*2.480*		*2900*			
	E12	1	1	7	C6-391.EH-12 049	63.0	11.6	49.0	16.3	27.0	49.0	11.6	11.6	63.0	67°	200	0.83	1	20000
						2.480	*.457*	*1.929*	*.642*	*1.063*	*1.929*	*.457*	*.457*	*2.480*		*2900*			
	E16	1	1	7	C6-391.EH-16 054	63.0	15.4	54.0	21.8	32.0	54.0	15.4	15.4	63.0	66°	200	0.85	1	20000
						2.480	*.606*	*2.126*	*.858*	*1.260*	*2.126*	*.606*	*.606*	*2.480*		*2900*			
	E20	1	1	7	C6-391.EH-20 051	63.0	19.2	51.0	19.3	29.0	51.0	19.2	19.2	63.0	66°	200	0.85	1	20000
						2.480	*.756*	*2.008*	*.760*	*1.142*	*2.008*	*.756*	*.756*	*2.480*		*2900*			
	E25	1	1	7	C6-391.EH-25 056	63.0	24.1	56.0	25.0	34.0	56.0	24.1	24.1	63.0	65°	200	0.88	1	20000
						2.480	*.949*	*2.205*	*.984*	*1.339*	*2.205*	*.949*	*.949*	*2.480*		*2900*			

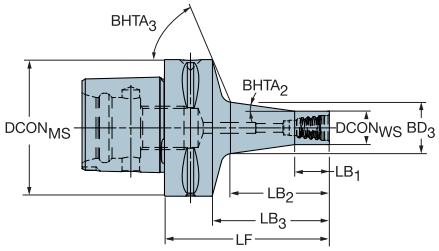
ISO 13399 Q1 CNSC CXSC Q35 C3 – D C Q30

Coromant Capto® to Coromant EH adaptor

Long design



DSGN 15



Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	LB$_4$	BD$_1$	BD$_2$	BD$_3$	BD$_4$	BHTA$_2$	CP Bar/PSI	Kg	BBD	RPMX
C3	E10	1	1	15	C3-391.EH-10 049	32.0	9.6	49.0	10.0	28.5	34.0	49.0	9.6	9.6	14.8	32.0	8°	150	0.15	1	40000
						1.260	*.378*	*1.929*	*.394*	*1.122*	*1.339*	*1.929*	*.378*	*.378*	*.583*	*1.260*		*2175*			
	E12	1	1	15	C3-391.EH-12 054	32.0	11.6	54.0	12.0	33.9	39.0	54.0	11.6	11.6	17.8	32.0	8°	150	0.16	1	40000
						1.260	*.457*	*2.126*	*.472*	*1.335*	*1.535*	*2.126*	*.457*	*.457*	*.701*	*1.260*		*2175*			
	E16	1	1	15	C3-391.EH-16 065	32.0	15.4	65.0	16.0	45.7	50.0	65.0	15.4	15.4	23.8	32.0	8°	150	0.21	1	40000
						1.260	*.606*	*2.559*	*.630*	*1.799*	*1.969*	*2.559*	*.606*	*.606*	*.937*	*1.260*		*2175*			
C4	E10	1	1	15	C4-391.EH-10 055	40.0	9.6	55.0	10.0	28.5	32.6	55.0	9.6	9.6	22.1	40.0	8°	200	0.29	1	39000
						1.575	*.378*	*2.165*	*.394*	*1.122*	*1.283*	*2.165*	*.378*	*.378*	*.870*	*1.575*		*2900*			
	E12	1	1	15	C4-391.EH-12 060	40.0	11.6	60.0	12.0	33.9	40.0	60.0	11.6	11.6	17.7	40.0	8°	200	0.30	1	39000
						1.575	*.457*	*2.362*	*.472*	*1.335*	*1.575*	*2.362*	*.457*	*.457*	*.697*	*1.575*		*2900*			
	E16	1	1	15	C4-391.EH-16 071	40.0	15.4	71.0	16.0	45.7	51.0	71.0	15.4	15.4	23.7	40.0	8°	200	0.35	1	39000
						1.575	*.606*	*2.795*	*.630*	*1.799*	*2.008*	*2.795*	*.606*	*.606*	*.933*	*1.575*		*2900*			
	E20	1	1	15	C4-391.EH-20 084	40.0	19.2	84.0	20.0	59.6	64.0	84.0	19.2	19.2	30.3	40.0	8°	200	0.45	1	39000
						1.575	*.756*	*3.307*	*.787*	*2.346*	*2.520*	*3.307*	*.756*	*.756*	*1.193*	*1.575*		*2900*			
	E25	1	1	15	C4-391.EH-25 074	40.0	24.1	74.0	25.0	49.6	54.0	74.0	24.1	24.1	31.0	40.0	8°	200	0.44	1	39000
						1.575	*.949*	*2.913*	*.984*	*1.953*	*2.126*	*2.913*	*.949*	*.949*	*1.220*	*1.575*		*2900*			
C5	E10	1	1	15	C5-391.EH-10 056	50.0	9.6	56.0	10.0	28.1	36.0	56.0	9.6	9.6	14.7	50.0	8°	200	0.48	1	28000
						1.969	*.378*	*2.205*	*.394*	*1.106*	*1.417*	*2.205*	*.378*	*.378*	*.579*	*1.969*		*2900*			
	E12	1	1	15	C5-391.EH-12 061	50.0	11.6	61.0	12.0	33.5	41.0	61.0	11.6	11.6	17.6	50.0	8°	200	0.49	1	28000
						1.969	*.457*	*2.402*	*.472*	*1.319*	*1.614*	*2.402*	*.457*	*.457*	*.693*	*1.969*		*2900*			
	E16	1	1	15	C5-391.EH-16 072	50.0	15.4	72.0	16.0	45.3	52.0	72.0	15.4	15.4	23.6	50.0	8°	200	0.54	1	28000
						1.969	*.606*	*2.835*	*.630*	*1.783*	*2.047*	*2.835*	*.606*	*.606*	*.929*	*1.969*		*2900*			
	E20	1	1	15	C5-391.EH-20 085	50.0	19.2	85.0	20.0	59.2	65.0	85.0	19.2	19.2	30.2	50.0	8°	200	0.64	1	28000
						1.969	*.756*	*3.346*	*.787*	*2.331*	*2.559*	*3.346*	*.756*	*.756*	*1.189*	*1.969*		*2900*			
	E25	1	1	15	C5-391.EH-25 100	50.0	24.1	100.0	25.0	75.3	80.0	100.0	24.1	24.1	38.2	50.0	8°	200	0.82	1	28000
						1.969	*.949*	*3.937*	*.984*	*2.965*	*3.150*	*3.937*	*.949*	*.949*	*1.504*	*1.969*		*2900*			
C6	E10	1	1	15	C6-391.EH-10 060	63.0	9.6	60.0	10.0	28.4	38.0	60.0	9.6	9.6	14.8	63.0	8°	200	0.84	1	20000
						2.480	*.378*	*2.362*	*.394*	*1.118*	*1.496*	*2.362*	*.378*	*.378*	*.583*	*2.480*		*2900*			
	E12	1	1	15	C6-391.EH-12 065	63.0	11.6	65.0	12.0	33.8	43.0	65.0	11.6	11.6	17.7	63.0	8°	200	0.86	1	20000
						2.480	*.457*	*2.559*	*.472*	*1.331*	*1.693*	*2.559*	*.457*	*.457*	*.697*	*2.480*		*2900*			
	E16	1	1	15	C6-391.EH-16 076	63.0	15.4	76.0	16.0	45.6	54.0	76.0	15.4	15.4	23.7	63.0	8°	200	0.91	1	20000
						2.480	*.606*	*2.992*	*.630*	*1.795*	*2.126*	*2.992*	*.606*	*.606*	*.933*	*2.480*		*2900*			
	E20	1	1	15	C6-391.EH-20 088	63.0	19.2	88.0	20.0	58.4	66.0	88.0	19.2	19.2	30.0	63.0	8°	200	1.00	1	20000
						2.480	*.756*	*3.465*	*.787*	*2.299*	*2.598*	*3.465*	*.756*	*.756*	*1.181*	*2.480*		*2900*			
	E25	1	1	15	C6-391.EH-25 103	63.0	24.1	103.0	25.0	74.5	81.0	103.0	24.1	24.1	38.0	63.0	8°	200	1.18	1	20000
						2.480	*.949*	*4.055*	*.984*	*2.933*	*3.189*	*4.055*	*.949*	*.949*	*1.496*	*2.480*		*2900*			
C8	E20	1	1	15	C8-391.EH-20 100	80.0	19.2	100.0	20.0	60.2	70.0	100.0	19.2	19.2	30.5	80.0	8°	200	2.06	1	14000
						3.150	*.756*	*3.937*	*.787*	*2.370*	*2.756*	*3.937*	*.756*	*.756*	*1.201*	*3.150*		*2900*			
	E25	1	1	15	C8-391.EH-25 114	80.0	24.1	114.0	25.0	75.3	84.0	114.0	24.1	24.1	38.2	80.0	8°	200	2.24	1	14000
						3.150	*.949*	*4.488*	*.984*	*2.965*	*3.307*	*4.488*	*.949*	*.949*	*1.504*	*3.150*		*2900*			

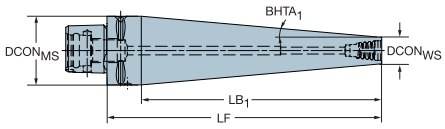
ISO 13399 Q1 CNSC CXSC Q35 C3 – D C Q30

Coromant Capto® to Coromant EH adaptor

Long conical design



DSGN 3



Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	BHTA$_1$	CP Bar/PSI	Kg	BBD	RPMX
C3	E10	1	1	3	C3-391.EH-10 143	32.0	9.6	143.0	128.0	143.0	9.6	32.0	5°	150	0.47	1	40000
						1.260	*.378*	*5.630*	*5.039*	*5.630*	*.378*	*1.260*		*2175*			
	E12	1	1	3	C3-391.EH-12 132	32.0	11.6	132.0	117.0	132.0	11.6	32.0	5°	150	0.47	1	40000
						1.260	*.457*	*5.197*	*4.606*	*5.197*	*.457*	*1.260*		*2175*			
	E16	1	1	3	C3-391.EH-16 110	32.0	15.4	110.0	95.0	110.0	15.4	32.0	5°	150	0.43	1	40000
						1.260	*.606*	*4.331*	*3.740*	*4.331*	*.606*	*1.260*		*2175*			
C4	E10	1	1	3	C4-391.EH-10 128	40.0	9.6	128.0	108.0	128.0	9.6	40.0	8°	200	0.70	1	39000
						1.575	*.378*	*5.039*	*4.252*	*5.039*	*.378*	*1.575*		*2900*			
	E12	1	1	3	C4-391.EH-12 121	40.0	11.6	121.0	101.0	121.0	11.6	40.0	8°	200	0.68	1	39000
						1.575	*.457*	*4.764*	*3.976*	*4.764*	*.457*	*1.575*		*2900*			
	E16	1	1	3	C4-391.EH-16 160	40.0	15.4	160.0	140.0	160.0	15.4	40.0	5°	200	0.93	1	39000
						1.575	*.606*	*6.299*	*5.512*	*6.299*	*.606*	*1.575*		*2900*			
	E20	1	1	3	C4-391.EH-20 139	40.0	19.2	139.0	119.0	139.0	19.2	40.0	5°	200	0.88	1	39000
						1.575	*.756*	*5.472*	*4.685*	*5.472*	*.756*	*1.575*		*2900*			
C5	E16	1	1	3	C5-391.EH-16 143	50.0	15.4	143.0	123.0	143.0	15.4	50.0	8°	200	1.28	1	28000
						1.969	*.606*	*5.630*	*4.843*	*5.630*	*.606*	*1.969*		*2900*			
	E20	1	1	3	C5-391.EH-20 130	50.0	19.2	130.0	110.0	130.0	19.2	50.0	8°	200	1.25	1	28000
						1.969	*.756*	*5.118*	*4.331*	*5.118*	*.756*	*1.969*		*2900*			

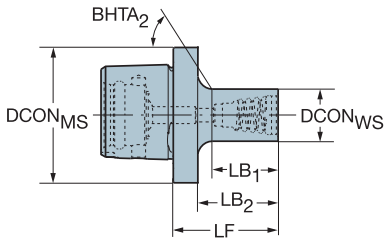
ISO 13399 Q1 CNSC CXSC Q35 C3 – D C Q30

Coromant Capto® to Coromant EH adaptor

Short design, for segment clamping only



DSGN 7



Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_2$	CP Bar/PSI	Kg	BBD	RPMX
C3	E10	1	1	7	C3-391.EH-10 026	32.0	9.6	26.0	13.0	18.0	26.0	9.6	9.6	32.0	45°	150	0.09	1	40000
						1.260	*.378*	*1.024*	*.512*	*.709*	*1.024*	*.378*	*.378*	*1.260*		*2175*			
	E12	1	1	7	C3-391.EH-12 029	32.0	11.6	29.0	16.0	21.0	29.0	11.6	11.6	32.0	45°	150	0.10	1	40000
						1.260	*.457*	*1.142*	*.630*	*.827*	*1.142*	*.457*	*.457*	*1.260*		*2175*			
C4	E10	1	1	7	C4-391.EH-10 026	40.0	9.6	26.0	13.0	18.0	26.0	9.6	9.6	40.0	45°	200	0.16	1	39000
						1.575	*.378*	*1.024*	*.512*	*.709*	*1.024*	*.378*	*.378*	*1.575*		*2900*			
	E12	1	1	7	C4-391.EH-12 029	40.0	11.6	29.0	16.0	21.0	29.0	11.6	11.6	40.0	45°	200	0.17	1	39000
						1.575	*.457*	*1.142*	*.630*	*.827*	*1.142*	*.457*	*.457*	*1.575*		*2900*			
	E16	1	1	7	C4-391.EH-16 035	40.0	15.4	35.0	22.0	27.0	35.0	15.4	15.4	40.0	45°	200	0.18	1	39000
						1.575	*.606*	*1.378*	*.866*	*1.063*	*1.378*	*.606*	*.606*	*1.575*		*2900*			
C5	E10	1	1	7	C5-391.EH-10 026	50.0	9.6	26.0	13.0	18.0	26.0	9.6	9.6	50.0	45°	200	0.28	1	28000
						1.969	*.378*	*1.024*	*.512*	*.709*	*1.024*	*.378*	*.378*	*1.969*		*2900*			
	E12	1	1	7	C5-391.EH-12 029	50.0	11.6	29.0	16.0	21.0	29.0	11.6	11.6	50.0	45°	200	0.29	1	28000
						1.969	*.457*	*1.142*	*.630*	*.827*	*1.142*	*.457*	*.457*	*1.969*		*2900*			
	E16	1	1	7	C5-391.EH-16 035	50.0	15.4	35.0	22.0	27.0	35.0	15.4	15.4	50.0	45°	200	0.30	1	28000
						1.969	*.606*	*1.378*	*.866*	*1.063*	*1.378*	*.606*	*.606*	*1.969*		*2900*			

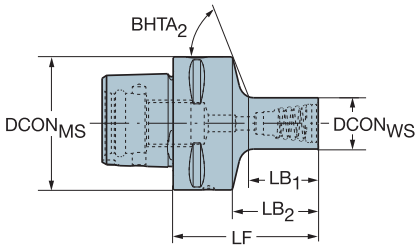
ISO 13399 Q1 CNSC CXSC Q35 C3 – D C Q30

Coromant Capto® to Coromant EH adaptor

Short design

DSGN 7





Inch version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_2$	CP Bar/PSI	Kg	BBD	RPMX
C3	E10	1	1	7	C3-A391.EH-10 034	32.0	9.2	34.0	12.1	19.0	34.0	9.2	9.2	32.0	59°	150	0.13	1	40000
						1.260	*.360*	*1.339*	*.476*	*.748*	*1.339*	*.360*	*.360*	*1.260*		*2175*			
	E12	1	1	7	C3-A391.EH-12 039	32.0	12.2	39.0	17.5	24.0	39.0	12.2	12.2	32.0	57°	150	0.14	1	40000
						1.260	*.480*	*1.535*	*.689*	*.945*	*1.535*	*.480*	*.480*	*1.260*		*2175*			
	E16	1	1	7	C3-A391.EH-16 043	32.0	15.4	43.0	21.9	28.0	43.0	15.4	15.4	32.0	54°	150	0.15	1	40000
						1.260	*.606*	*1.693*	*.862*	*1.102*	*1.693*	*.606*	*.606*	*1.260*		*2175*			
C4	E10	1	1	7	C4-A391.EH-10 040	40.0	9.2	40.0	12.0	20.0	40.0	9.2	9.2	40.0	63°	200	0.27	1	39000
						1.575	*.360*	*1.575*	*.472*	*.787*	*1.575*	*.360*	*.360*	*1.575*		*2900*			
	E12	1	1	7	C4-A391.EH-12 045	40.0	12.2	45.0	17.4	25.0	45.0	12.2	12.2	40.0	62°	200	0.28	1	39000
						1.575	*.480*	*1.772*	*.685*	*.984*	*1.772*	*.480*	*.480*	*1.575*		*2900*			
	E16	1	1	7	C4-A391.EH-16 049	40.0	15.4	49.0	21.9	29.0	49.0	15.4	15.4	40.0	60°	200	0.29	1	39000
						1.575	*.606*	*1.929*	*.862*	*1.142*	*1.929*	*.606*	*.606*	*1.575*		*2900*			
	E20	1	1	7	C4-A391.EH-20 044	40.0	18.4	44.0	17.3	24.0	44.0	18.4	18.4	40.0	58°	200	0.29	1	39000
						1.575	*.724*	*1.732*	*.681*	*.945*	*1.732*	*.724*	*.724*	*1.575*		*2900*			
	E25	1	1	7	C4-A391.EH-25 052	40.0	24.4	52.0	26.0	32.0	52.0	24.4	24.4	40.0	63°	200	0.34	1	39000
						1.575	*.961*	*2.047*	*1.027*	*1.260*	*2.047*	*.961*	*.961*	*1.575*		*2900*			
C5	E10	1	1	7	C5-A391.EH-10 041	50.0	9.2	41.0	11.7	21.0	60.0	9.2	9.2	50.0	65°	200	0.46	1	28000
						1.969	*.360*	*1.614*	*.461*	*.827*	*2.362*	*.360*	*.360*	*1.969*		*2900*			
	E12	1	1	7	C5-A391.EH-12 047	50.0	12.2	47.0	18.1	27.0	47.0	12.2	12.2	50.0	65°	200	0.47	1	28000
						1.969	*.480*	*1.850*	*.713*	*1.063*	*1.850*	*.480*	*.480*	*1.969*		*2900*			
	E16	1	1	7	C5-A391.EH-16 050	50.0	15.4	50.0	21.5	30.0	50.0	15.4	15.4	50.0	64°	200	0.48	1	28000
						1.969	*.606*	*1.969*	*.846*	*1.181*	*1.969*	*.606*	*.606*	*1.969*		*2900*			
	E20	1	1	7	C5-A391.EH-20 045	50.0	18.4	45.0	16.9	25.0	45.0	18.4	18.4	50.0	63°	200	0.48	1	28000
						1.969	*.724*	*1.772*	*.665*	*.984*	*1.772*	*.724*	*.724*	*1.969*		*2900*			
	E25	1	1	7	C5-A391.EH-25 053	50.0	24.4	53.0	25.7	33.0	53.0	24.4	24.4	50.0	60°	200	0.53	1	28000
						1.969	*.961*	*2.087*	*1.012*	*1.299*	*2.087*	*.961*	*.961*	*1.969*		*2900*			
C6	E10	1	1	7	C6-A391.EH-10 045	63.0	9.2	45.0	11.9	23.0	45.0	9.2	9.2	63.0	68°	200	0.83	1	20000
						2.480	*.360*	*1.772*	*.470*	*.906*	*1.772*	*.360*	*.360*	*2.480*		*2900*			
	E12	1	1	7	C6-A391.EH-12 050	63.0	12.2	50.0	17.4	28.0	50.0	12.2	12.2	63.0	68°	200	0.83	1	20000
						2.480	*.480*	*1.969*	*.685*	*1.102*	*1.969*	*.480*	*.480*	*2.480*		*2900*			
	E16	1	1	7	C6-A391.EH-16 054	63.0	15.4	54.0	21.8	32.0	54.0	15.4	15.4	63.0	67°	200	0.85	1	20000
						2.480	*.606*	*2.126*	*.858*	*1.260*	*2.126*	*.606*	*.606*	*2.480*		*2900*			
	E20	1	1	7	C6-A391.EH-20 049	63.0	18.4	49.0	17.2	27.0	49.0	18.4	18.4	63.0	66°	200	0.84	1	20000
						2.480	*.724*	*1.929*	*.677*	*1.063*	*1.929*	*.724*	*.724*	*2.480*		*2900*			
	E25	1	1	7	C6-A391.EH-25 057	63.0	24.4	57.0	26.0	35.0	57.0	24.4	24.4	63.0	65°	200	0.89	1	20000
						2.480	*.961*	*2.244*	*1.024*	*1.378*	*2.244*	*.961*	*.961*	*2.480*		*2900*			

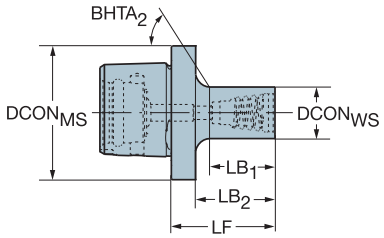
ISO 13399 Q1 CNSC CXSC Q35 C3 – D C Q30

Coromant Capto® to Coromant EH adaptor

Short design, for segment clamping only



DSGN 7



Inch version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_2$	CP Bar/PSI	Kg	BBD	RPMX
C3	E10	1	1	7	**C3-A391.EH-10 025**	32.0	9.2	25.0	12.0	17.0	25.0	9.2	9.2	32.0	45°	150	0.09	1	40000
						1.260	*.360*	*.984*	*.472*	*.669*	*.984*	*.360*	*.360*	*1.260*		*2175*			
	E12	1	1	7	**C3-A391.EH-12 031**	32.0	12.2	31.0	18.0	23.0	31.0	12.2	12.2	32.0	45°	150	0.10	1	40000
						1.260	*.480*	*1.220*	*.709*	*.906*	*1.220*	*.480*	*.480*	*1.260*		*2175*			
C4	E10	1	1	7	**C4-A391.EH-10 025**	40.0	9.2	25.0	12.0	17.0	25.0	9.2	9.2	40.0	45°	200	0.16	1	39000
						1.575	*.360*	*.984*	*.472*	*.669*	*.984*	*.360*	*.360*	*1.575*		*2900*			
	E12	1	1	7	**C4-A391.EH-12 031**	40.0	12.2	31.0	18.0	23.0	31.0	12.2	12.2	40.0	45°	200	0.17	1	39000
						1.575	*.480*	*1.220*	*.709*	*.906*	*1.220*	*.480*	*.480*	*1.575*		*2900*			
	E16	1	1	7	**C4-A391.EH-16 034**	40.0	15.4	34.0	21.0	26.0	34.0	15.4	15.4	40.0	45°	200	0.18	1	39000
						1.575	*.606*	*1.339*	*.827*	*1.024*	*1.339*	*.606*	*.606*	*1.575*		*2900*			
C5	E10	1	1	7	**C5-A391.EH-10 025**	50.0	9.2	25.0	12.0	17.0	25.0	9.2	9.2	50.0	45°	200	0.28	1	28000
						1.969	*.360*	*.984*	*.472*	*.669*	*.984*	*.360*	*.360*	*1.969*		*2900*			
	E12	1	1	7	**C5-A391.EH-12 031**	50.0	12.2	31.0	18.0	23.0	31.0	12.2	12.2	50.0	45°	200	0.29	1	28000
						1.969	*.480*	*1.220*	*.709*	*.906*	*1.220*	*.480*	*.480*	*1.969*		*2900*			

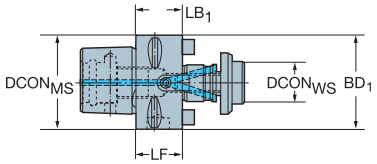
ISO 13399 Q1 CNSC CXSC Q35 C3 – D C Q30

Coromant Capto® to arbor adaptor

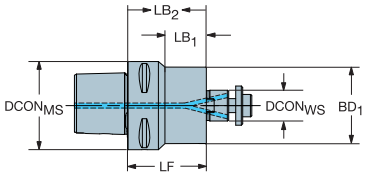
Coolant through arbor



DSGN 1



2



Metric pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DBC	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD
C3	16	1	4	1	C3-391.05C-16 030	32.0		16.0	30.0	30.0		32.0		80	0.30	1
						1.260		*.630*	*1.181*	*1.181*		*1.260*		*1160*		
C4	16	1	4	2	C4-391.05C-16 032	40.0		16.0	32.0	10.0	32.0	32.0	40.0	80	0.30	1
						1.575		*.630*	*1.260*	*.394*	*1.260*	*1.260*	*1.575*	*1160*		
	22	1	4	1	C4-391.05C-22 025	40.0		22.0	25.0	25.0		40.0		80	0.40	1
						1.575		*.866*	*.984*	*.984*		*1.575*		*1160*		
C5	16	1	4	2	C5-391.05C-16 035	50.0		16.0	35.0	10.0	35.0	32.0	50.0	80	0.60	1
						1.969		*.630*	*1.378*	*.394*	*1.378*	*1.260*	*1.969*	*1160*		
	22	1	4	1	C5-391.05C-22 025M	50.0		22.0	25.0	25.0		50.0		80	0.50	1
						1.969		*.866*	*.984*	*.984*		*1.969*		*1160*		
	27	1	4	1	C5-391.05C-27 025M	50.0		27.0	25.0	25.0		56.0		80	0.50	1
						1.969		*1.063*	*.984*	*.984*		*2.205*		*1160*		
	32	1	4	1	C5-391.05C-32 040	50.0		32.0	40.0	40.0		63.0		80	1.20	1
						1.969		*1.260*	*1.575*	*1.575*		*2.480*		*1160*		
C6	16	1	4	2	C6-391.05C-16 040	63.0		16.0	40.0	10.0	40.0	32.0	63.0	80	0.90	0
						2.480		*.630*	*1.575*	*.394*	*1.575*	*1.260*	*2.480*	*1160*		
	22	1	4	1	C6-391.05C-22 025M	63.0		22.0	25.0	25.0		63.0		80	0.80	0
						2.480		*.866*	*.984*	*.984*		*2.480*		*1160*		
	27	1	4	1	C6-391.05C-27 025M	63.0		27.0	25.0	25.0		63.0		80	0.90	0
						2.480		*1.063*	*.984*	*.984*		*2.480*		*1160*		
	32	1	4	1	C6-391.05C-32 025M	63.0		32.0	25.0	25.0		65.0		80	0.90	0
						2.480		*1.260*	*.984*	*.984*		*2.559*		*1160*		
	40S	1	4	1	C6-391.05C-40 050M	63.0	66.7	40.0	50.0	50.0		87.0		80	2.00	0
						2.480	*2.626*	*1.575*	*1.969*	*1.969*		*3.425*		*1160*		
C8	16	1	4	2	C8-391.05C-16 050	80.0		16.0	50.0	10.0	50.0	32.0	80.0	80	1.60	0
						3.150		*.630*	*1.969*	*.394*	*1.969*	*1.260*	*3.150*	*1160*		
	22	1	4	1	C8-391.05C-22 030M	80.0		22.0	30.0	30.0		80.0		80	1.70	0
						3.150		*.866*	*1.181*	*1.181*		*3.150*		*1160*		
	27	1	4	1	C8-391.05C-27 030M	80.0		27.0	30.0	30.0		80.0		80	1.70	0
						3.150		*1.063*	*1.181*	*1.181*		*3.150*		*1160*		
	32	1	4	1	C8-391.05C-32 030M	80.0		32.0	30.0	30.0		80.0		80	1.80	0
						3.150		*1.260*	*1.181*	*1.181*		*3.150*		*1160*		
	40S	1	4	1	C8-391.05C-40 060M	80.0	66.7	40.0	60.0	60.0		87.0		80	3.10	0
						3.150	*2.626*	*1.575*	*2.362*	*2.362*		*3.425*		*1160*		
C10	22	1	4	2	C10-391.05C-22 075	100.0		22.0	75.0	27.0	75.0	48.0	100.0	80	4.12	0
						3.937		*.866*	*2.953*	*1.063*	*2.953*	*1.890*	*3.937*	*1160*		
	27	1	4	2	C10-391.05C-27 075	100.0		27.0	75.0	29.0	75.0	60.0	100.0	80	4.40	0
						3.937		*1.063*	*2.953*	*1.142*	*2.953*	*2.362*	*3.937*	*1160*		
	32	1	4	2	C10-391.05C-32 075	100.0		32.0	75.0	33.0	75.0	78.0	100.0	80	4.93	0
						3.937		*1.260*	*2.953*	*1.299*	*2.953*	*3.071*	*3.937*	*1160*		
	40S	1	4	1	C10-391.05C-40 040M	100.0	66.7	40.0	40.0	40.0		100.0		80	3.60	0
						3.937	*2.626*	*1.575*	*1.575*	*1.575*		*3.937*		*1160*		

ISO 13399 Q1

CNSC CXSC Q35

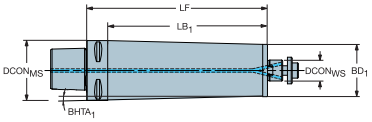
Coromant Capto® to arbor adaptor

Coolant through arbor

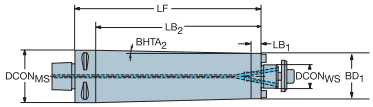
Long conical design



DSGN 3



7



Metric pilot

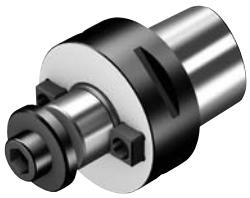
CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LF	LB_1	LB_2	LB_3	BD_1	BD_2	BD_3	$BHTA_1$	$BHTA_2$	CP Bar/PSI	Kg	BBD
C4	16	1	4	7	C4-391.05C-16 120	40.0	16.0	120.0	22.0	100.0	120.0	32.0	32.0	40.0	0°	2°	80	0.90	1
						1.575	*.630*	*4.724*	*.866*	*3.937*	*4.724*	*1.260*	*1.260*	*1.575*			*1160*		
C5	22	1	4	7	C5-391.05C-22 150	50.0	22.0	150.0	12.0	130.0	150.0	40.0	40.0	50.0	0°	2°	80	1.90	1
						1.969	*.866*	*5.906*	*.472*	*5.118*	*5.906*	*1.575*	*1.575*	*1.969*			*1160*		
C6	22	1	4	3	C6-391.05C-22 120	63.0	22.0	120.0	98.0	120.0		55.0	63.0		2°	0°	80	2.70	0
						2.480	*.866*	*4.724*	*3.858*	*4.724*		*2.165*	*2.480*				*1160*		
	22	1	4	3	C6-391.05C-22 190	63.0	22.0	190.0	168.0	190.0		55.0	63.0		1°	0°	80	4.10	0
						2.480	*.866*	*7.480*	*6.614*	*7.480*		*2.165*	*2.480*				*1160*		
C8	27	1	4	3	C8-391.05C-27 150	80.0	27.0	150.0	120.0	150.0		65.0	80.0		3°	0°	80	5.30	0
						3.150	*1.063*	*5.906*	*4.724*	*5.906*		*2.559*	*3.150*				*1160*		
	27	1	4	3	C8-391.05C-27 240	80.0	27.0	240.0	210.0	240.0		65.0	80.0		2°	0°	80	8.10	0
						3.150	*1.063*	*9.449*	*8.268*	*9.449*		*2.559*	*3.150*				*1160*		

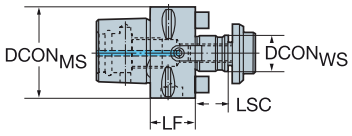
ISO 13399 Q1

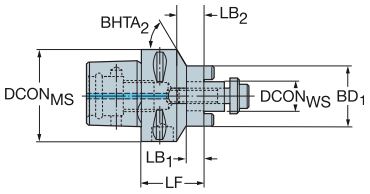
CNSC CXSC Q35

Coromant Capto® to arbor adaptor

DSGN 1 7







Metric pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DBC	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_2$	CP Bar/PSI	Kg	BBD
C3	16	1	1	1	C3-391.05-16 030	32.0		16.0	30.0	30.0			32.0				80	0.30	1
						1.260		*.630*	*1.181*	*1.181*			*1.260*				*1160*		
C4	16	1	1	7	C4-391.05-16 032	40.0		16.0	32.0	10.0	12.3	32.0	32.0	32.0	40.0	60°	80	0.30	1
						1.575		*.630*	*1.260*	*.394*	*.484*	*1.260*	*1.260*	*1.260*	*1.575*		*1160*		
	16	1	1	7	C4-391.05-16 055	40.0		16.0	55.0	33.0	35.3	55.0	32.0	32.0	40.0	60°	80	0.40	1
						1.575		*.630*	*2.165*	*1.299*	*1.390*	*2.165*	*1.260*	*1.260*	*1.575*		*1160*		
	22	1	1	1	C4-391.05-22 025	40.0		22.0	25.0	25.0			40.0				80	0.40	1
						1.575		*.866*	*.984*	*.984*			*1.575*				*1160*		
	22	1	1	1	C4-391.05-22 055	40.0		22.0	55.0	55.0			40.0				80	0.70	1
						1.575		*.866*	*2.165*	*2.165*			*1.575*				*1160*		
C5	16	1	1	7	C5-391.05-16 035	50.0		16.0	35.0	10.0	15.2	35.0	32.0	32.0	50.0	60°	80	0.60	1
						1.969		*.630*	*1.378*	*.394*	*.598*	*1.378*	*1.260*	*1.260*	*1.969*		*1160*		
	16	1	1	7	C5-391.05-16 070	50.0		16.0	70.0	44.8	50.0	70.0	32.0	32.0	50.0	60°	80	0.71	1
						1.969		*.630*	*2.756*	*1.764*	*1.969*	*2.756*	*1.260*	*1.260*	*1.969*		*1160*		
	22	1	1	1	C5-391.05-22 025M	50.0		22.0	25.0	25.0			50.0				80	0.50	1
						1.969		*.866*	*.984*	*.984*			*1.969*				*1160*		
	22	1	1	7	C5-391.05-22 070	50.0		22.0	70.0	47.0	50.0	70.0	40.0	40.0	50.0	59°	80	1.00	1
						1.969		*.866*	*2.756*	*1.850*	*1.969*	*2.756*	*1.575*	*1.575*	*1.969*		*1160*		
	27	1	1	1	C5-391.05-27 025M	50.0		27.0	25.0	25.0			56.0				80	0.60	1
						1.969		*1.063*	*.984*	*.984*			*2.205*				*1160*		
	32	1	1	1	C5-391.05-32 040	50.0		32.0	40.0	40.0			63.0				80	1.10	1
						1.969		*1.260*	*1.575*	*1.575*			*2.480*				*1160*		
C6	16	1	1	7	C6-391.05-16 040	63.0		16.0	40.0	10.0	17.9	40.0	32.0	32.0	63.0	63°	80	0.90	0
						2.480		*.630*	*1.575*	*.394*	*.705*	*1.575*	*1.260*	*1.260*	*2.480*		*1160*		
	22	1	1	1	C6-391.05-22 025M	63.0		22.0	25.0	25.0			63.0				80	0.80	0
						2.480		*.866*	*.984*	*.984*			*2.480*				*1160*		
	27	1	1	1	C6-391.05-27 025M	63.0		27.0	25.0	25.0			63.0				80	0.90	0
						2.480		*1.063*	*.984*	*.984*			*2.480*				*1160*		
	32	1	1	1	C6-391.05-32 025M	63.0		32.0	25.0	25.0			65.0				80	0.90	0
						2.480		*1.260*	*.984*	*.984*			*2.559*				*1160*		
	40S	1	1	1	C6-391.05-40 050M	63.0	66.7	40.0	50.0	50.0			87.0				80	2.00	0
						2.480	*2.626*	*1.575*	*1.969*	*1.969*			*3.425*				*1160*		
C8	16	1	1	7	C8-391.05-16 050	80.0		16.0	50.0	10.0	20.2	50.0	32.0	32.0	80.0	67°	80	1.70	0
						3.150		*.630*	*1.969*	*.394*	*.795*	*1.969*	*1.260*	*1.260*	*3.150*		*1160*		
	22	1	1	1	C8-391.05-22 030M	80.0		22.0	30.0	30.0			80.0				80	1.70	0
						3.150		*.866*	*1.181*	*1.181*			*3.150*				*1160*		
	27	1	1	1	C8-391.05-27 030M	80.0		27.0	30.0	30.0			80.0				80	1.80	0
						3.150		*1.063*	*1.181*	*1.181*			*3.150*				*1160*		
	32	1	1	1	C8-391.05-32 030M	80.0		32.0	30.0	30.0			80.0				80	1.80	0
						3.150		*1.260*	*1.181*	*1.181*			*3.150*				*1160*		
	40S	1	1	1	C8-391.05-40 060M	80.0	66.7	40.0	60.0	60.0			87.0				80	3.10	0
						3.150	*2.626*	*1.575*	*2.362*	*2.362*			*3.425*				*1160*		
	60	1	1	1	C8-391.05-60 060	80.0	101.6	60.0	60.0	60.0			130.0				80	5.30	0
						3.150	*4.000*	*2.362*	*2.362*	*2.362*			*5.118*				*1160*		
C10	40S	1	1	1	C10-391.05-40 040M	100.0	66.7	40.0	40.0	40.0			100.0				80	3.60	0
						3.937	*2.626*	*1.575*	*1.575*	*1.575*			*3.937*				*1160*		
	60	0	0	1	C10-391.05-60 075	100.0	101.6	60.0	75.0	75.0			130.0					5.50	0
						3.937	*4.000*	*2.362*	*2.953*	*2.953*			*5.118*						

All holders are delivered with a standard screw without hole for coolant.

For cutters with coolant channels a new screw with radial coolant holes is necessary and can be ordered separately.

See page P13

ISO 13399 Q1

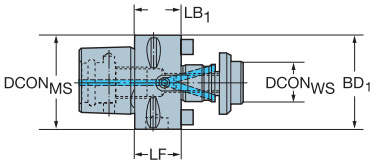
CNSC CXSC Q35

Coromant Capto® to arbor adaptor

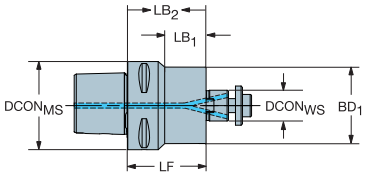
Coolant through arbor



DSGN 1



2



Inch pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DBC	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD
C3	3/4	1	4	1	C3-A391.05C-19 030	32.0		19.1	30.0	30.0		40.0		80	0.35	1
						1.260		*.750*	*1.181*	*1.181*		*1.575*		*1160*		
C4	3/4	1	4	1	C4-A391.05C-19 025M	40.0		19.1	25.0	25.0		40.0		80	0.30	1
						1.575		*.750*	*.984*	*.984*		*1.575*		*1160*		
	1	1	4	1	C4-A391.05C-25 035	40.0		25.4	35.0	35.0		50.0		80	0.55	1
						1.575		*1.000*	*1.378*	*1.378*		*1.969*		*1160*		
C5	3/4	1	4	1	C5-A391.05C-19 025M	50.0		19.1	25.0	25.0		50.0		80	0.50	1
						1.969		*.750*	*.984*	*.984*		*1.969*		*1160*		
	1	1	4	1	C5-A391.05C-25 025M	50.0		25.4	25.0	25.0		54.0		80	0.50	1
						1.969		*1.000*	*.984*	*.984*		*2.126*		*1160*		
	1 1/4	1	4	1	C5-A391.05C-31 040	50.0		31.8	40.0	40.0		63.0		80	1.20	1
						1.969		*1.250*	*1.575*	*1.575*		*2.480*		*1160*		
	1 1/2	1	4	1	C5-A391.05C-38 045M	50.0	66.7	38.1	45.0	45.0		87.0		80	1.50	1
						1.969	*2.626*	*1.500*	*1.772*	*1.772*		*3.425*		*1160*		
C6	3/4	1	4	1	C6-A391.05C-19 030M	63.0		19.1	30.0	30.0		63.0		80	1.00	0
						2.480		*.750*	*1.181*	*1.181*		*2.480*		*1160*		
	1	1	4	1	C6-A391.05C-25 030M	63.0		25.4	30.0	30.0		63.0		80	1.00	0
						2.480		*1.000*	*1.181*	*1.181*		*2.480*		*1160*		
	1 1/4	1	4	1	C6-A391.05C-31 030M	63.0		31.8	30.0	30.0		65.0		80	1.00	0
						2.480		*1.250*	*1.181*	*1.181*		*2.559*		*1160*		
	1 1/2	1	4	1	C6-A391.05C-38 050M	63.0	66.7	38.1	50.0	50.0		87.0		80	2.00	0
						2.480	*2.626*	*1.500*	*1.969*	*1.969*		*3.425*		*1160*		
C8	3/4	1	4	1	C8-A391.05C-19 030M	80.0		19.1	30.0	30.0		80.0		80	1.70	0
						3.150		*.750*	*1.181*	*1.181*		*3.150*		*1160*		
	1	1	4	1	C8-A391.05C-25 030M	80.0		25.4	30.0	30.0		80.0		80	1.70	0
						3.150		*1.000*	*1.181*	*1.181*		*3.150*		*1160*		
	1 1/4	1	4	1	C8-A391.05C-31 030M	80.0		31.8	30.0	30.0		80.0		80	1.80	0
						3.150		*1.250*	*1.181*	*1.181*		*3.150*		*1160*		
	1 1/2	1	4	1	C8-A391.05C-38 060M	80.0	66.7	38.1	60.0	60.0		87.0		80	3.10	0
						3.150	*2.626*	*1.500*	*2.362*	*2.362*		*3.425*		*1160*		
C10	3/4	1	4	2	C10-A391.05C-19 075	100.0		19.1	75.0	27.0	75.0	43.0	100.0	80	4.02	0
						3.937		*.750*	*2.953*	*1.063*	*2.953*	*1.693*	*3.937*	*1160*		
	1	1	4	2	C10-A391.05C-25 075	100.0		25.4	75.0	28.0	75.0	50.0	100.0	80	4.15	0
						3.937		*1.000*	*2.953*	*1.102*	*2.953*	*1.969*	*3.937*	*1160*		
	1 1/2	1	4	1	C10-A391.05C-38 040M	100.0	66.7	38.1	40.0	40.0		100.0		80	3.50	0
						3.937	*2.626*	*1.500*	*1.575*	*1.575*		*3.937*		*1160*		

P41 Q1 Q35

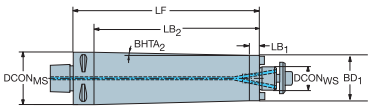
Coromant Capto® to arbor adaptor

Coolant through arbor

Long conical version



DSGN 7



Inch pilot

CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LF	LB_1	LB_2	LB_3	BD_1	BD_2	BD_3	$BHTA_2$	CP Bar/PSI	Kg	BBD
C5	3/4	1	4	7	C5-A391.05C-19 150	50.0	19.1	150.0	15.0	130.0	150.0	43.0	43.0	50.0	1°	80	2.00	1
						1.969	*.750*	*5.906*	*.591*	*5.118*	*5.906*	*1.693*	*1.693*	*1.969*		*1160*		
C6	3/4	1	4	7	C6-A391.05C-19 120	63.0	19.1	120.0	5.0	98.0	120.0	52.0	52.0	63.0	3°	80	2.60	0
						2.480	*.750*	*4.724*	*.197*	*3.858*	*4.724*	*2.047*	*2.047*	*2.480*		*1160*		
	3/4	1	4	7	C6-A391.05C-19 190	63.0	19.1	190.0	5.0	168.0	190.0	52.0	52.0	63.0	1°	80	3.90	0
						2.480	*.750*	*7.480*	*.197*	*6.614*	*7.480*	*2.047*	*2.047*	*2.480*		*1160*		

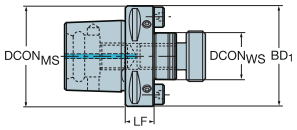
ISO 13399 Q1

CNSC CXSC Q35

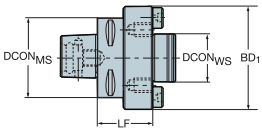
Coromant Capto® to arbor adaptor



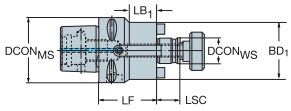
DSGN 1



1



2



Inch pilot

CZCMS	CZCWS	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCONMS	DBC	DCONWS	LF	LB1	LB2	BD1	BD2	CP Bar/PSI	Kg	BBD
C3	3/4	1	1	1	C3-A391.05-19 030	32.0		19.1	30.0	30.0		40.0		80	0.84	1
						1.260		*.750*	*1.181*	*1.181*		*1.575*		*1160*		
C4	3/4	1	1	1	C4-A391.05-19 025M	40.0		19.1	25.0	25.0		40.0		80	0.30	1
						1.575		*.750*	*.984*	*.984*		*1.575*		*1160*		
	3/4	1	1	1	C4-A391.05-19 055	40.0		19.1	55.0	55.0		40.0		80	1.30	1
						1.575		*.750*	*2.165*	*2.165*		*1.575*		*1160*		
	1	1	1	1	C4-A391.05-25 035	40.0		25.4	35.0	35.0		50.0		80	1.30	1
						1.575		*1.000*	*1.378*	*1.378*		*1.969*		*1160*		
C5	3/4	1	1	1	C5-A391.05-19 025M	50.0		19.1	25.0	25.0		50.0		80	0.50	1
						1.969		*.750*	*.984*	*.984*		*1.969*		*1160*		
	3/4	1	1	2	C5-A391.05-19 070	50.0		19.1	70.0	48.0	70.0	43.0	50.0	80	2.30	1
						1.969		*.750*	*2.756*	*1.890*	*2.756*	*1.693*	*1.969*	*1160*		
	1	1	1	1	C5-A391.05-25 025M	50.0		25.4	25.0	25.0		54.0		80	0.50	1
						1.969		*1.000*	*.984*	*.984*		*2.126*		*1160*		
	1 1/4	1	1	1	C5-A391.05-31 040	50.0		31.8	40.0	40.0		63.0		80	2.30	1
						1.969		*1.250*	*1.575*	*1.575*		*2.480*		*1160*		
	1 1/2	1	1	1	C5-A391.05-38 045M	50.0	66.7	38.1	45.0	45.0		87.0		80	1.60	1
						1.969	*2.626*	*1.500*	*1.772*	*1.772*		*3.425*		*1160*		
C6	3/4	1	1	1	C6-A391.05-19 030M	63.0		19.1	30.0	30.0		63.0		80	1.00	0
						2.480		*.750*	*1.181*	*1.181*		*2.480*		*1160*		
	1	1	1	1	C6-A391.05-25 030M	63.0		25.4	30.0	30.0		63.0		80	1.00	0
						2.480		*1.000*	*1.181*	*1.181*		*2.480*		*1160*		
	1 1/4	1	1	1	C6-A391.05-31 030M	63.0		31.8	30.0	30.0		65.0		80	1.00	0
						2.480		*1.250*	*1.181*	*1.181*		*2.559*		*1160*		
	1 1/2	1	1	1	C6-A391.05-38 050M	63.0	66.7	38.1	50.0	50.0		87.0		80	2.00	0
						2.480	*2.626*	*1.500*	*1.969*	*1.969*		*3.425*		*1160*		
C8	3/4	1	1	1	C8-A391.05-19 030M	80.0		19.1	30.0	30.0		80.0		80	1.70	0
						3.150		*.750*	*1.181*	*1.181*		*3.150*		*1160*		
	1	1	1	1	C8-A391.05-25 030M	80.0		25.4	30.0	30.0		80.0		80	1.80	0
						3.150		*1.000*	*1.181*	*1.181*		*3.150*		*1160*		
	1 1/4	1	1	1	C8-A391.05-31 030M	80.0		31.8	30.0	30.0		80.0		80	1.80	0
						3.150		*1.250*	*1.181*	*1.181*		*3.150*		*1160*		
	1 1/2	1	1	1	C8-A391.05-38 060M	80.0	66.7	38.1	60.0	60.0		87.0		80	3.10	0
						3.150	*2.626*	*1.500*	*2.362*	*2.362*		*3.425*		*1160*		
	2	0	0	1	C8-A391.05-50 060	80.0	101.6	50.8	60.0	60.0		130.0			6.20	0
						3.150	*4.000*	*2.000*	*2.362*	*2.362*		*5.118*				
	2 1/2	0	0	1	C8-A391.05-63 060	80.0	101.6	63.5	60.0	60.0		130.0			6.20	0
						3.150	*4.000*	*2.500*	*2.362*	*2.362*		*5.118*				
C10	1 1/2	1	1	1	C10-A391.05-38 040M	100.0	66.7	38.1	40.0	40.0		100.0		80	3.60	0
						3.937	*2.626*	*1.500*	*1.575*	*1.575*		*3.937*		*1160*		
	2 1/2	1	1	1	C10-A391.05-63 075	100.0	101.6	63.5	75.0	75.0		130.0		80	7.90	0
						3.937	*4.000*	*2.500*	*2.953*	*2.953*		*5.118*		*1160*		

ISO 13399 Q1

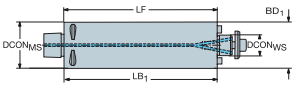
CNSC CXSC Q35

Coromant Capto® to arbor dampened adaptor

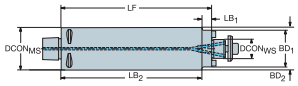
Coolant through arbor



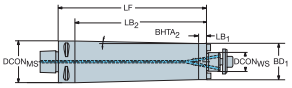
DSGN 1



DSGN 2



DSGN 7



SilentTools®

Metric pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_2$	CP Bar/PSI	Kg	RPMX
C4	16	1	4	2	C4-391.05CD-16 130	40.0	16.0	130.0	6.9	130.0		38.1	40.0		0°	20	1.50	10000
						1.575	*.630*	*5.118*	*.272*	*5.118*		*1.500*	*1.575*			*290*		
	16	1	4	2	C4-391.05CD-16 200	40.0	16.0	200.0	6.9	200.0		38.1	40.0		0°	20	2.10	7000
						1.575	*.630*	*7.874*	*.272*	*7.874*		*1.500*	*1.575*			*290*		
C5	22	1	4	2	C5-391.05CD-22 180	50.0	22.0	180.0	7.3	180.0		46.2	50.0		0°	20	3.40	10000
						1.969	*.866*	*7.087*	*.287*	*7.087*		*1.819*	*1.969*			*290*		
	22	1	4	7	C5-391.05CD-22 220	50.0	22.0	220.0	6.0	199.4	220.0	38.8	40.0	50.0	1°	80	3.30	6000
						1.969	*.866*	*8.661*	*.236*	*7.850*	*8.661*	*1.528*	*1.575*	*1.969*		*1160*		
	22	1	4	2	C5-391.05CD-22 270	50.0	22.0	270.0	7.3	270.0		46.2	50.0		0°	20	4.60	7000
						1.969	*.866*	*10.630*	*.287*	*10.630*		*1.819*	*1.969*			*290*		
C6	22	1	4	2	C6-391.05CD-22 200	63.0	22.0	200.0	6.9	200.0		46.2	63.0		0°	20	5.70	10000
						2.480	*.866*	*7.874*	*.272*	*7.874*		*1.819*	*2.480*			*290*		
	22	1	4	7	C6-391.05CD-22 260	63.0	22.0	260.0	6.9	237.3	260.0	46.2	50.0	63.0	1°	80	5.80	6000
						2.480	*.866*	*10.236*	*.272*	*9.343*	*10.236*	*1.819*	*1.969*	*2.480*		*1160*		
	22	1	4	2	C6-391.05CD-22 310	63.0	22.0	310.0	6.9	310.0		46.2	63.0		0°	20	9.10	7000
						2.480	*.866*	*12.205*	*.272*	*12.205*		*1.819*	*2.480*			*290*		
	27	1	4	2	C6-391.05CD-27 200	63.0	27.0	200.0	6.5	200.0		46.2	63.0		0°	20	5.80	10000
						2.480	*1.063*	*7.874*	*.256*	*7.874*		*1.819*	*2.480*			*290*		
	27	1	4	2	C6-391.05CD-27 310	63.0	27.0	310.0	6.5	310.0		46.2	63.0		0°	20	9.20	7000
						2.480	*1.063*	*12.205*	*.256*	*12.205*		*1.819*	*2.480*			*290*		
C8	27	1	4	2	C8-391.05CD-27 220	80.0	27.0	220.0	10.0	220.0		53.4	80.0		0°	20	9.90	8000
						3.150	*1.063*	*8.661*	*.394*	*8.661*		*2.102*	*3.150*			*290*		
	27	1	4	7	C8-391.05CD-27 320	80.0	27.0	320.0	9.1	289.2	320.0	53.4	63.0	80.0	1°	80	10.90	4000
						3.150	*1.063*	*12.598*	*.358*	*11.386*	*12.598*	*2.102*	*2.480*	*3.150*		*1160*		
	27	1	4	2	C8-391.05CD-27 360	80.0	27.0	360.0	10.0	360.0		53.4	80.0		0°	20	16.20	5000
						3.150	*1.063*	*14.173*	*.394*	*14.173*		*2.102*	*3.150*			*290*		
	32	1	4	2	C8-391.05CD-32 220	80.0	32.0	220.0	12.8	220.0		68.4	80.0		0°	20	10.00	8000
						3.150	*1.260*	*8.661*	*.504*	*8.661*		*2.693*	*3.150*			*290*		
	32	1	4	2	C8-391.05CD-32 320	80.0	32.0	320.0	12.8	320.0		68.4	80.0		0°	80	13.60	4000
						3.150	*1.260*	*12.598*	*.504*	*12.598*		*2.693*	*3.150*			*1160*		
	32	1	4	2	C8-391.05CD-32 360	80.0	32.0	360.0	12.8	360.0		68.4	80.0		0°	20	16.30	5000
						3.150	*1.260*	*14.173*	*.504*	*14.173*		*2.693*	*3.150*			*290*		
C10	32	1	4	1	C10-391.05CD-32 400	100.0	32.0	400.0	400.0			100.0				50	22.00	4000
						3.937	*1.260*	*15.748*	*15.748*			*3.937*				*725*		
	40	1	4	1	C10-391.05CD-40 400	100.0	40.0	400.0	400.0			100.0				50	22.00	4000
						3.937	*1.575*	*15.748*	*15.748*			*3.937*				*725*		

 P19

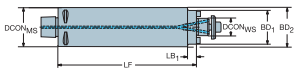
ISO 13399 Q1

CNSC CXSC Q35

Coromant Capto® to arbor dampened adaptor



DSGN 2



SilentTools®

Metric pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	RPMX
C8	32/40	1	1	2	C8-391.06-32 320	80.0	32.0	320.0	18.0	320.0	70.0	80.0	80	14.40	3000
						3.150	*1.260*	*12.598*	*.709*	*12.598*	*2.756*	*3.150*	*1160*		

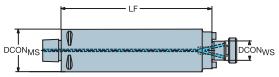
P19 Q1 Q35

Coromant Capto® to arbor dampened adaptor

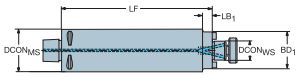
Coolant through arbor



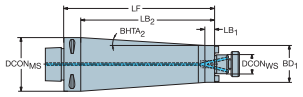
DSGN 1



DSGN 2



DSGN 7



SilentTools®

Inch pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_2$	CP Bar/PSI	Kg	RPMX
C5	3/4	1	4	2	C5-A391.05CD-19 180	50.0	19.1	180.0	11.1	180.0		47.2	50.0		0°	20	3.40	10000
						1.969	*.750*	*7.087*	*.437*	*7.087*		*1.858*	*1.969*			*290*		
	3/4	1	4	7	C5-A391.05CD-19 220	50.0	19.1	220.0	21.0	199.4	220.0	40.0	40.0	50.0	1°	80	3.30	6000
						1.969	*.750*	*8.661*	*.827*	*7.850*	*8.661*	*1.575*	*1.575*	*1.969*		*1160*		
	3/4	1	4	2	C5-A391.05CD-19 270	50.0	19.1	270.0	11.1	270.0		47.2	50.0		0°	20	4.60	7000
						1.969	*.750*	*10.630*	*.437*	*10.630*		*1.858*	*1.969*			*290*		
C6	1	1	4	2	C6-A391.05CD-25 200	63.0	25.4	200.0	10.8	200.0		54.1	63.0		0°	20	5.70	10000
						2.480	*1.000*	*7.874*	*.425*	*7.874*		*2.130*	*2.480*			*290*		
	1	1	4	2	C6-A391.05CD-25 260	63.0	25.4	260.0	10.8	260.0		54.1	63.0		0°	80	7.20	6000
						2.480	*1.000*	*10.236*	*.425*	*10.236*		*2.130*	*2.480*			*1160*		
	1	1	4	2	C6-A391.05CD-25 310	63.0	25.4	310.0	10.8	310.0		54.1	63.0		0°	20	9.10	7000
						2.480	*1.000*	*12.205*	*.425*	*12.205*		*2.130*	*2.480*			*290*		
C8	1 1/2	1	4	1	C8-A391.05CD-38 220	80.0	38.1	220.0	220.0			80.0				20	10.00	8000
						3.150	*1.500*	*8.661*	*8.661*			*3.150*				*290*		
	1 1/2	1	4	1	C8-A391.05CD-38 320	80.0	38.1	320.0	320.0			80.0				80	13.70	4000
						3.150	*1.500*	*12.598*	*12.598*			*3.150*				*1160*		
	1 1/2	1	4	1	C8-A391.05CD-38 360	80.0	38.1	360.0	360.0			80.0				20	16.30	5000
						3.150	*1.500*	*14.173*	*14.173*			*3.150*				*290*		
C10	1 1/2	1	4	1	C10-A391.05CD-38 400	100.0	38.1	400.0	400.0			100.0				50	22.00	4000
						3.937	*1.500*	*15.748*	*15.748*			*3.937*				*725*		

 P19

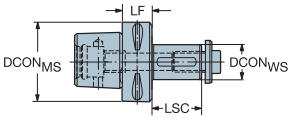
ISO 13399 Q1

CNSC CXSC Q35

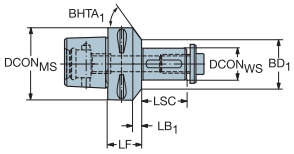
Coromant Capto® to side and face mill arbor adaptor



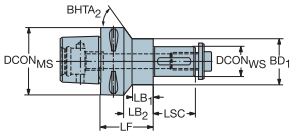
DSGN 1



3



7



Metric pilot

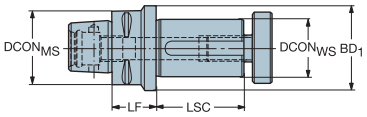
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LSC	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_1$	BHTA$_2$	Kg
C3	16	0	0	3	C3-391.10-16 020	32.0	16.0	30	20.0	5.0	20.0		28.0	32.0		21°	0°	0.20
						1.260	*.630*	*1.181*	*.787*	*.197*	*.787*		*1.102*	*1.260*				
C4	16	0	0	3	C4-391.10-16 025	40.0	16.0	30	25.0	5.0	25.0		28.0	40.0		50°	0°	0.30
						1.575	*.630*	*1.181*	*.984*	*.197*	*.984*		*1.102*	*1.575*				
	22	0	0	3	C4-391.10-22 025	40.0	22.0	40	25.0	5.0	25.0		36.0	40.0		22°	0°	0.40
						1.575	*.866*	*1.575*	*.984*	*.197*	*.984*		*1.417*	*1.575*				
	27	0	0	1	C4-391.10-27 025	40.0	27.0	60	25.0	25.0			40.0					0.60
						1.575	*1.063*	*2.362*	*.984*	*.984*			*1.575*					
C5	22	0	0	3	C5-391.10-22 025	50.0	22.0	40	25.0	5.1	25.0		36.0	50.0		54°	0°	0.72
						1.969	*.866*	*1.575*	*.984*	*.201*	*.984*		*1.417*	*1.969*				
	27	0	0	3	C5-391.10-27 025	50.0	27.0	60	25.0	5.0	25.0		43.0	50.0		35°	0°	0.80
						1.969	*1.063*	*2.362*	*.984*	*.197*	*.984*		*1.693*	*1.969*				
	32	0	0	1	C5-391.10-32 025	50.0	32.0	60	25.0	25.0			50.0					0.90
						1.969	*1.260*	*2.362*	*.984*	*.984*			*1.969*					
C6	16	0	0	3	C6-391.10-16 030	63.0	16.0	30	30.0	7.8	30.0		28.0	63.0		66°	0°	0.90
						2.480	*.630*	*1.181*	*1.181*	*.307*	*1.181*		*1.102*	*2.480*				
	22	0	0	3	C6-391.10-22 030	63.0	22.0	40	30.0	7.9	30.0		36.0	63.0		59°	0°	1.00
						2.480	*.866*	*1.575*	*1.181*	*.311*	*1.181*		*1.417*	*2.480*				
	27	0	0	3	C6-391.10-27 030	63.0	27.0	60	30.0	7.8	30.0		43.0	63.0		52°	0°	1.10
						2.480	*1.063*	*2.362*	*1.181*	*.307*	*1.181*		*1.693*	*2.480*				
	32	0	0	3	C6-391.10-32 025	63.0	32.0	60	25.0	3.0	25.0		48.0	63.0		68°	0°	1.10
						2.480	*1.260*	*2.362*	*.984*	*.118*	*.984*		*1.890*	*2.480*				
	40	0	0	3	C6-391.10-40 025	63.0	40.0	60	25.0	3.0	25.0		56.0	63.0		49°	0°	1.34
						2.480	*1.575*	*2.362*	*.984*	*.118*	*.984*		*2.205*	*2.480*				
C8	22	0	0	3	C8-391.10-22 040	80.0	22.0	40	40.0	10.2	40.0		36.0	80.0		65°	0°	2.00
						3.150	*.866*	*1.575*	*1.575*	*.402*	*1.575*		*1.417*	*3.150*				
	27	0	0	3	C8-391.10-27 030	80.0	27.0	60	30.0	7.8	30.0		43.0	80.0		67°	0°	2.10
						3.150	*1.063*	*2.362*	*1.181*	*.307*	*1.181*		*1.693*	*3.150*				
	32	0	0	3	C8-391.10-32 030	80.0	32.0	60	30.0	7.6	30.0		48.0	80.0		64°	0°	2.30
						3.150	*1.260*	*2.362*	*1.181*	*.299*	*1.181*		*1.890*	*3.150*				
	40	0	0	3	C8-391.10-40 030	80.0	40.0	60	30.0	7.9	30.0		56.0	80.0		56°	0°	2.30
						3.150	*1.575*	*2.362*	*1.181*	*.311*	*1.181*		*2.205*	*3.150*				
	50	0	0	3	C8-391.10-50 030	80.0	50.0	60	30.0	3.0	30.0		70.0	80.0		58°	0°	2.80
						3.150	*1.969*	*2.362*	*1.181*	*.118*	*1.181*		*2.756*	*3.150*				
	60	0	0	1	C8-391.10-60 030	80.0	60.0	60	30.0	30.0			80.0					3.30
						3.150	*2.362*	*2.362*	*1.181*	*1.181*			*3.150*					
C10	32	0	0	7	C10-391.10-32 065	100.0	32.0	60	65.0	20.0	29.0	65.0	48.0	48.0	100.0	0°	71°	4.31
						3.937	*1.260*	*2.362*	*2.559*	*.787*	*1.142*	*2.559*	*1.890*	*1.890*	*3.937*			
	40	0	0	7	C10-391.10-40 070	100.0	40.0	60	70.0	25.0	34.0	70.0	56.0	56.0	100.0	0°	67°	4.77
						3.937	*1.575*	*2.362*	*2.756*	*.984*	*1.339*	*2.756*	*2.205*	*2.205*	*3.937*			
	50	0	0	7	C10-391.10-50 055	100.0	50.0	80	55.0	10.0	19.0	55.0	70.0	70.0	100.0	0°	59°	5.37
						3.937	*1.969*	*3.150*	*2.165*	*.394*	*.748*	*2.165*	*2.756*	*2.756*	*3.937*			
	60	0	0	3	C10-391.10-60 040	100.0	60.0	90	40.0	4.0	40.0		84.0	100.0		63°	0°	5.85
						3.937	*2.362*	*3.543*	*1.575*	*.157*	*1.575*		*3.307*	*3.937*				

P34 Q1 Q35 Q30

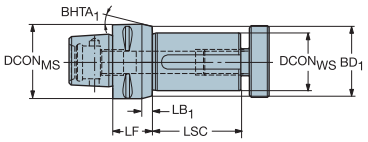
Coromant Capto® to side and face mill arbor adaptor



DSGN 1



DSGN 3



Inch pilot

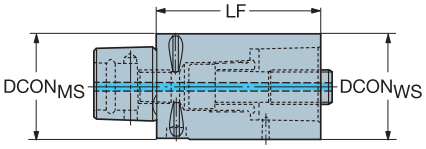
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LSC	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	BHTA$_1$	BHTA$_2$	Kg
C4	1	0	0	1	C4-A391.10-25 025	40.0	25.4	50	25.0	25.0		40.0				1.08
						1.575	*1.000*	*1.969*	*.984*	*.984*		*1.575*				
	1 1/4	0	0	1	C4-A391.10-31 035	40.0	31.8	60	35.0	35.0		50.0				1.65
						1.575	*1.250*	*2.362*	*1.378*	*1.378*		*1.969*				
C5	1	0	0	3	C5-A391.10-25 025	50.0	25.4	50	25.0	5.0	25.0	43.0	50.0	35°	0°	1.66
						1.969	*1.000*	*1.969*	*.984*	*.197*	*.984*	*1.693*	*1.969*			
	1 1/4	0	0	1	C5-A391.10-31 025	50.0	31.8	60	25.0	25.0		50.0				1.66
						1.969	*1.250*	*2.362*	*.984*	*.984*		*1.969*				
	1 1/2	0	0	1	C5-A391.10-38 030	50.0	38.1	60	30.0	30.0		57.0				2.30
						1.969	*1.500*	*2.362*	*1.181*	*1.181*		*2.244*				
C6	1	0	0	3	C6-A391.10-25 030	63.0	25.4	50	30.0	8.0	30.0	43.0	63.0	52°	0°	2.40
						2.480	*1.000*	*1.969*	*1.181*	*.315*	*1.181*	*1.693*	*2.480*			
	1 1/4	0	0	3	C6-A391.10-31 025	63.0	31.8	60	25.0	3.0	25.0	48.0	63.0	68°	0°	2.40
						2.480	*1.250*	*2.362*	*.984*	*.118*	*.984*	*1.890*	*2.480*			
	1 1/2	0	0	3	C6-A391.10-38 025	63.0	38.1	60	25.0	3.0	25.0	56.0	63.0	50°	0°	3.37
						2.480	*1.500*	*2.362*	*.984*	*.118*	*.984*	*2.205*	*2.480*			
C8	1	0	0	3	C8-A391.10-25 030	80.0	25.4	50	30.0	8.0	30.0	43.0	80.0	66°	0°	4.40
						3.150	*1.000*	*1.969*	*1.181*	*.315*	*1.181*	*1.693*	*3.150*			
	1 1/4	0	0	3	C8-A391.10-31 030	80.0	31.8	60	30.0	8.0	30.0	48.0	80.0	63°	0°	3.30
						3.150	*1.250*	*2.362*	*1.181*	*.315*	*1.181*	*1.890*	*3.150*			
	1 1/2	0	0	3	C8-A391.10-38 030	80.0	38.1	60	30.0	8.0	30.0	56.0	80.0	56°	0°	5.98
						3.150	*1.500*	*2.362*	*1.181*	*.315*	*1.181*	*2.205*	*3.150*			
	2	0	0	3	C8-A391.10-50 030	80.0	50.8	60	30.0	3.0	30.0	70.0	80.0	59°	0°	5.98
						3.150	*2.000*	*2.362*	*1.181*	*.118*	*1.181*	*2.756*	*3.150*			
	2 1/2	0	0	1	C8-A391.10-63 040	80.0	63.5	60	40.0	40.0		86.0				7.90
						3.150	*2.500*	*2.362*	*1.575*	*1.575*		*3.386*				

P34 Q1 Q35

Coromant Capto® to VL adaptor



DSGN 1



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	BD$_1$	CP Bar/PSI	Kg
C5	50	1	1	1	C5-391.01-V50 060	50.0	50.0	60.0	60.0	50.0	80	1.00
						1.969	*1.969*	*2.362*	*2.362*	*1.969*	*1160*	
C6	63	1	1	1	C6-391.01-V63 080	63.0	63.0	80.0	80.0	63.0	80	1.70
						2.480	*2.480*	*3.150*	*3.150*	*2.480*	*1160*	
C8	80	1	1	1	C8-391.01-V80 065	80.0	80.0	65.0	65.0	80.0	80	3.44
						3.150	*3.150*	*2.559*	*2.559*	*3.150*	*1160*	

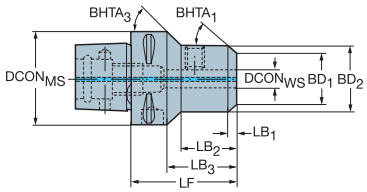
P42 Q1 Q35

Coromant Capto® to Weldon adaptor

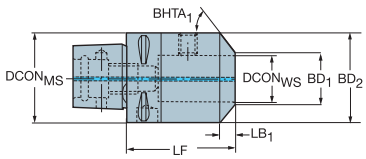
Workpiece side interface DIN 6535-HB and DIN 1835-B



DSGN 14



3



Metric bore

						Dimensions, mm, inch											CP Bar/PSI	Kg	
CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LF	LB_1	LB_2	LB_3	LB_4	BD_1	BD_2	BD_3	BD_4	$BHTA_1$			BBD
C3	6	1	1	14	C3-391.20-06 045A	32.0	6.0	46.0	4.0	27.5	29.5	46.0	17.0	25.0	25.0	32.0	45°	20	0.30	1
						1.260	*.236*	*1.811*	*.157*	*1.083*	*1.161*	*1.811*	*.669*	*.984*	*.984*	*1.260*		*290*		
	8	1	1	14	C3-391.20-08 045A	32.0	8.0	46.0	4.0	29.0	31.0	46.0	20.0	28.0	28.0	32.0	45°	20	0.30	1
						1.260	*.315*	*1.811*	*.157*	*1.142*	*1.220*	*1.811*	*.787*	*1.102*	*1.102*	*1.260*		*290*		
	10	1	1	3	C3-391.20-10 050	32.0	10.0	50.0	4.0	50.0			27.0	35.0			45°	20	0.40	1
						1.260	*.394*	*1.969*	*.157*	*1.969*			*1.063*	*1.378*				*290*		
	12	1	1	3	C3-391.20-12 055	32.0	12.0	55.0	5.0	55.0			32.0	42.0			45°	20	0.30	1
						1.260	*.472*	*2.165*	*.197*	*2.165*			*1.260*	*1.654*				*290*		
C4	6	1	1	14	C4-391.20-06 050	40.0	6.0	50.0	4.0	25.5	29.8	50.0	17.0	25.0	25.0	40.0	45°	20	0.40	1
						1.575	*.236*	*1.969*	*.157*	*1.004*	*1.173*	*1.969*	*.669*	*.984*	*.984*	*1.575*		*290*		
	8	1	1	14	C4-391.20-08 050	40.0	8.0	50.0	4.0	26.5	32.5	50.0	20.0	28.0	28.0	40.0	45°	20	0.40	1
						1.575	*.315*	*1.969*	*.157*	*1.043*	*1.280*	*1.969*	*.787*	*1.102*	*1.102*	*1.575*		*290*		
	10	1	1	14	C4-391.20-10 050A	40.0	10.0	51.0	4.0	29.6	31.0	51.0	27.0	35.0	35.0	40.0	45°	20	0.50	1
						1.575	*.394*	*2.008*	*.157*	*1.165*	*1.220*	*2.008*	*1.063*	*1.378*	*1.378*	*1.575*		*290*		
	12	1	1	3	C4-391.20-12 055A	40.0	12.0	56.0	5.0	56.0			32.0	42.0			45°	20	0.60	1
						1.575	*.472*	*2.205*	*.197*	*2.205*			*1.260*	*1.654*				*290*		
	14	1	1	3	C4-391.20-14 055	40.0	14.0	55.0	5.0	55.0			34.0	44.0			45°	20	0.60	1
						1.575	*.551*	*2.165*	*.197*	*2.165*			*1.339*	*1.732*				*290*		
	16	1	1	3	C4-391.20-16 055	40.0	16.0	55.0	5.0	55.0			38.0	48.0			45°	20	0.70	1
						1.575	*.630*	*2.165*	*.197*	*2.165*			*1.496*	*1.890*				*290*		
C5	6	1	1	14	C5-391.20-06 050	50.0	6.0	50.0	4.0	25.5	30.0	50.0	17.0	25.0	25.0	50.0	45°	20	0.62	1
						1.969	*.236*	*1.969*	*.157*	*1.004*	*1.181*	*1.969*	*.669*	*.984*	*.984*	*1.969*		*290*		
	8	1	1	14	C5-391.20-08 050	50.0	8.0	50.0	4.0	26.0	30.0	50.0	20.0	28.0	28.0	50.0	45°	20	0.72	1
						1.969	*.315*	*1.969*	*.157*	*1.024*	*1.181*	*1.969*	*.787*	*1.102*	*1.102*	*1.969*		*290*		
	10	1	1	14	C5-391.20-10 055	50.0	10.0	55.0	4.0	27.5	35.0	55.0	27.0	35.0	35.0	50.0	45°	20	0.72	1
						1.969	*.394*	*2.165*	*.157*	*1.083*	*1.378*	*2.165*	*1.063*	*1.378*	*1.378*	*1.969*		*290*		
	12	1	1	14	C5-391.20-12 060	50.0	12.0	60.0	5.0	36.0	40.0	60.0	32.0	42.0	42.0	50.0	45°	20	0.90	1
						1.969	*.472*	*2.362*	*.197*	*1.417*	*1.575*	*2.362*	*1.260*	*1.654*	*1.654*	*1.969*		*290*		
	14	1	1	14	C5-391.20-14 060	50.0	14.0	60.0	5.0	37.0	40.0	60.0	34.0	44.0	44.0	50.0	45°	20	0.90	1
						1.969	*.551*	*2.362*	*.197*	*1.457*	*1.575*	*2.362*	*1.339*	*1.732*	*1.732*	*1.969*		*290*		
	16	1	1	14	C5-391.20-16 060	50.0	16.0	60.0	5.0	39.0	40.0	60.0	38.0	48.0	48.0	50.0	45°	20	1.00	1
						1.969	*.630*	*2.362*	*.197*	*1.535*	*1.575*	*2.362*	*1.496*	*1.890*	*1.890*	*1.969*		*290*		
	18	1	1	3	C5-391.20-18 060	50.0	18.0	60.0	5.0	60.0			40.0	50.0			45°	20	0.90	1
						1.969	*.709*	*2.362*	*.197*	*2.362*			*1.575*	*1.969*				*290*		
	20	1	1	3	C5-391.20-20 060	50.0	20.0	60.0	5.0	60.0			42.0	52.0			45°	20	1.00	1
						1.969	*.787*	*2.362*	*.197*	*2.362*			*1.654*	*2.047*				*290*		
	25	1	1	3	C5-391.20-25 080	50.0	25.0	80.0	8.0	80.0			49.0	65.0			45°	20	1.70	1
						1.969	*.984*	*3.150*	*.315*	*3.150*			*1.929*	*2.559*				*290*		

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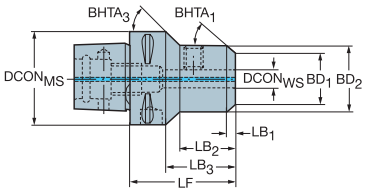
CNSC CXSC Q35

Coromant Capto® to Weldon adaptor

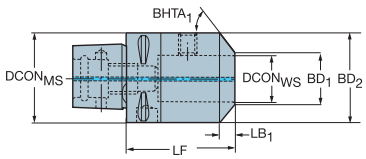
Workpiece side interface DIN 6535-HB and DIN 1835-B



DSGN 14



DSGN 3



Metric bore

CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LF	LB_1	LB_2	LB_3	LB_4	BD_1	BD_2	BD_3	BD_4	$BHTA_1$	CP Bar/PSI	Kg	BBD
C6	6	1	1	14	C6-391.20-06 055	63.0	6.0	55.0	4.0	25.0	32.7	55.0	17.0	25.0	25.0	63.0	45°	20	0.90	0
						2.480	*.236*	*2.165*	*.157*	*.984*	*1.287*	*2.165*	*.669*	*.984*	*.984*	*2.480*		*290*		
	8	1	1	14	C6-391.20-08 055	63.0	8.0	55.0	4.0	26.0	33.1	55.0	20.0	28.0	28.0	63.0	45°	20	0.90	0
						2.480	*.315*	*2.165*	*.157*	*1.024*	*1.303*	*2.165*	*.787*	*1.102*	*1.102*	*2.480*		*290*		
	10	1	1	14	C6-391.20-10 060	63.0	10.0	60.0	4.0	30.0	38.1	60.0	27.0	35.0	35.0	63.0	45°	20	1.00	0
						2.480	*.394*	*2.362*	*.157*	*1.181*	*1.500*	*2.362*	*1.063*	*1.378*	*1.378*	*2.480*		*290*		
	12	1	1	14	C6-391.20-12 060	63.0	12.0	60.0	5.0	33.0	37.9	60.0	32.0	42.0	42.0	63.0	45°	20	1.10	0
						2.480	*.472*	*2.362*	*.197*	*1.299*	*1.492*	*2.362*	*1.260*	*1.654*	*1.654*	*2.480*		*290*		
	14	1	1	14	C6-391.20-14 060	63.0	14.0	60.0	5.0	33.5	37.9	60.0	34.0	44.0	44.0	63.0	45°	20	1.10	0
						2.480	*.551*	*2.362*	*.197*	*1.319*	*1.492*	*2.362*	*1.339*	*1.732*	*1.732*	*2.480*		*290*		
	16	1	1	14	C6-391.20-16 065	63.0	16.0	65.0	5.0	35.5	43.0	65.0	38.0	48.0	48.0	63.0	45°	20	1.10	0
						2.480	*.630*	*2.559*	*.197*	*1.398*	*1.693*	*2.559*	*1.496*	*1.890*	*1.890*	*2.480*		*290*		
	18	1	1	14	C6-391.20-18 065	63.0	18.0	65.0	5.0	39.0	42.7	65.0	40.0	50.0	50.0	63.0	45°	20	1.10	0
						2.480	*.709*	*2.559*	*.197*	*1.535*	*1.681*	*2.559*	*1.575*	*1.969*	*1.969*	*2.480*		*290*		
	20	1	1	14	C6-391.20-20 065	63.0	20.0	65.0	5.0	37.5	43.0	65.0	42.0	52.0	52.0	63.0	45°	20	1.50	0
						2.480	*.787*	*2.559*	*.197*	*1.476*	*1.693*	*2.559*	*1.654*	*2.047*	*2.047*	*2.480*		*290*		
	25	1	1	3	C6-391.20-25 080	63.0	25.0	80.0	8.0	80.0			49.0	65.0			45°	20	1.90	0
						2.480	*.984*	*3.150*	*.315*	*3.150*			*1.929*	*2.559*				*290*		
	32	1	1	3	C6-391.20-32 090	63.0	32.0	90.0	8.0	90.0			56.0	72.0			45°	20	2.40	0
						2.480	*1.260*	*3.543*	*.315*	*3.543*			*2.205*	*2.835*				*290*		
	40	1	1	3	C6-391.20-40 100	63.0	40.0	100.0	8.0	100.0			74.0	90.0			45°	20	3.70	0
						2.480	*1.575*	*3.937*	*.315*	*3.937*			*2.913*	*3.543*				*290*		
C8	6	1	1	14	C8-391.20-06 070	80.0	6.0	70.0	4.0	27.0	40.0	70.0	17.0	25.0	25.0	80.0	45°	20	2.10	0
						3.150	*.236*	*2.756*	*.157*	*1.063*	*1.575*	*2.756*	*.669*	*.984*	*.984*	*3.150*		*290*		
	8	1	1	14	C8-391.20-08 070	80.0	8.0	70.0	4.0	28.0	40.0	70.0	20.0	28.0	28.0	80.0	45°	20	2.10	0
						3.150	*.315*	*2.756*	*.157*	*1.102*	*1.575*	*2.756*	*.787*	*1.102*	*1.102*	*3.150*		*290*		
	10	1	1	14	C8-391.20-10 070	80.0	10.0	70.0	4.0	29.5	40.0	70.0	27.0	35.0	35.0	80.0	45°	20	2.40	0
						3.150	*.394*	*2.756*	*.157*	*1.161*	*1.575*	*2.756*	*1.063*	*1.378*	*1.378*	*3.150*		*290*		
	12	1	1	14	C8-391.20-12 070	80.0	12.0	70.0	5.0	31.0	40.0	70.0	32.0	42.0	42.0	80.0	45°	20	2.40	0
						3.150	*.472*	*2.756*	*.197*	*1.220*	*1.575*	*2.756*	*1.260*	*1.654*	*1.654*	*3.150*		*290*		
	14	1	1	14	C8-391.20-14 070	80.0	14.0	70.0	5.0	31.6	40.0	70.0	34.0	44.0	44.0	80.0	45°	20	2.40	0
						3.150	*.551*	*2.756*	*.197*	*1.244*	*1.575*	*2.756*	*1.339*	*1.732*	*1.732*	*3.150*		*290*		
	16	1	1	14	C8-391.20-16 070	80.0	16.0	70.0	5.0	33.0	40.0	70.0	38.0	48.0	48.0	80.0	45°	20	2.40	0
						3.150	*.630*	*2.756*	*.197*	*1.299*	*1.575*	*2.756*	*1.496*	*1.890*	*1.890*	*3.150*		*290*		
	18	1	1	14	C8-391.20-18 070	80.0	18.0	70.0	5.0	33.0	40.0	70.0	40.0	50.0	50.0	80.0	45°	20	2.40	0
						3.150	*.709*	*2.756*	*.197*	*1.299*	*1.575*	*2.756*	*1.575*	*1.969*	*1.969*	*3.150*		*290*		
	20	1	1	14	C8-391.20-20 070	80.0	20.0	70.0	5.0	35.5	40.0	70.0	42.0	52.0	52.0	80.0	45°	20	2.40	0
						3.150	*.787*	*2.756*	*.197*	*1.398*	*1.575*	*2.756*	*1.654*	*2.047*	*2.047*	*3.150*		*290*		
	25	1	1	14	C8-391.20-25 080	80.0	25.0	80.0	8.0	53.7	58.0	80.0	49.0	65.0	65.0	80.0	45°	20	2.40	0
						3.150	*.984*	*3.150*	*.315*	*2.114*	*2.283*	*3.150*	*1.929*	*2.559*	*2.559*	*3.150*		*290*		
	32	1	1	14	C8-391.20-32 080	80.0	32.0	80.0	8.0	55.7	58.0	80.0	56.0	72.0	72.0	80.0	45°	20	2.90	0
						3.150	*1.260*	*3.150*	*.315*	*2.193*	*2.283*	*3.150*	*2.205*	*2.835*	*2.835*	*3.150*		*290*		
	40	1	1	3	C8-391.20-40 110	80.0	40.0	110.0	8.0	110.0			74.0	90.0			45°	20	4.50	0
						3.150	*1.575*	*4.331*	*.315*	*4.331*			*2.913*	*3.543*				*290*		
	50	1	1	3	C8-391.20-50 120	80.0	50.0	120.0	8.0	120.0			84.0	100.0			45°	20	5.50	0
						3.150	*1.969*	*4.724*	*.315*	*4.724*			*3.307*	*3.937*				*290*		

ISO 13399 Q1

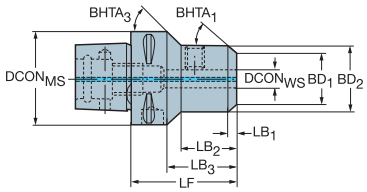
CNSC CXSC Q35

Coromant Capto® to Weldon adaptor

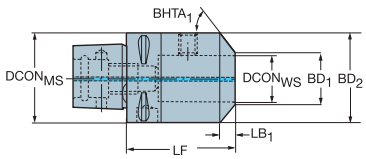
Workpiece side interface ANSI B94.19



DSGN 14



3



Inch bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	LB$_4$	BD$_1$	BD$_2$	BD$_3$	BD$_4$	BHTA$_1$	CP Bar/PSI	Kg	BBD
C3	3/8	1	1	14	C3-A391.20-09 050	32.0	9.5	50.0	7.5	31.7	35.0	50.0	16.7	25.4	25.4	32.0	30°	20	0.33	1
						1.260	*.375*	*1.969*	*.295*	*1.248*	*1.378*	*1.969*	*.657*	*1.000*	*1.000*	*1.260*		*290*		
	1/2	1	1	3	C3-A391.20-12 055	32.0	12.7	55.0	7.5	55.0			23.0	32.0			30°	20	0.84	1
						1.260	*.500*	*2.165*	*.295*	*2.165*			*.906*	*1.260*				*290*		
C4	3/8	1	1	14	C4-A391.20-09 050A	40.0	9.5	51.0	7.5	28.3	31.0	51.0	16.7	25.4	25.4	40.0	30°	20	0.60	1
						1.575	*.375*	*2.008*	*.295*	*1.114*	*1.220*	*2.008*	*.657*	*1.000*	*1.000*	*1.575*		*290*		
	1/2	1	1	14	C4-A391.20-12 055A	40.0	12.7	56.0	7.5	31.8	36.0	56.0	23.0	31.7	31.7	40.0	30°	20	0.60	1
						1.575	*.500*	*2.205*	*.295*	*1.252*	*1.417*	*2.205*	*.906*	*1.248*	*1.248*	*1.575*		*290*		
	5/8	1	1	3	C4-A391.20-15 055	40.0	15.9	55.0	7.5	55.0			32.3	41.0			30°	20	1.30	1
						1.575	*.625*	*2.165*	*.295*	*2.165*			*1.272*	*1.614*				*290*		
	3/4	1	1	3	C4-A391.20-19 060	40.0	19.1	60.0	7.5	60.0			35.8	44.5			30°	20	1.65	1
						1.575	*.750*	*2.362*	*.295*	*2.362*			*1.409*	*1.752*				*290*		
C5	3/8	1	1	14	C5-A391.20-09 055	50.0	9.5	55.0	7.5	28.0	35.1	55.0	16.7	25.4	25.4	50.0	30°	20	1.30	1
						1.969	*.375*	*2.165*	*.295*	*1.102*	*1.382*	*2.165*	*.657*	*1.000*	*1.000*	*1.969*		*290*		
	1/2	1	1	14	C5-A391.20-12 060	50.0	12.7	60.0	7.5	35.7	40.0	60.0	23.0	31.7	31.7	50.0	30°	20	1.66	1
						1.969	*.500*	*2.362*	*.295*	*1.406*	*1.575*	*2.362*	*.906*	*1.248*	*1.248*	*1.969*		*290*		
	5/8	1	1	14	C5-A391.20-15 060A	50.0	15.9	60.0	7.5	38.4	40.0	61.0	32.3	41.0	41.0	50.0	30°	20	2.29	1
						1.969	*.625*	*2.362*	*.295*	*1.512*	*1.575*	*2.402*	*1.272*	*1.614*	*1.614*	*1.969*		*290*		
	3/4	1	1	14	C5-A391.20-19 060	50.0	19.1	60.0	7.5	38.4	40.0	60.0	35.8	44.5	44.5	50.0	30°	20	2.29	1
						1.969	*.750*	*2.362*	*.295*	*1.512*	*1.575*	*2.362*	*1.409*	*1.752*	*1.752*	*1.969*		*290*		
	7/8	1	1	3	C5-A391.20-22 075	50.0	22.2	75.0	7.5	75.0			41.3	50.0			30°	20	2.29	1
						1.969	*.875*	*2.953*	*.295*	*2.953*			*1.626*	*1.969*				*290*		
	1	1	1	3	C5-A391.20-25 085	50.0	25.4	85.0	7.5	85.0			48.4	57.1			30°	20	3.20	1
						1.969	*1.000*	*3.346*	*.295*	*3.346*			*1.906*	*2.248*				*290*		
	1 1/4	1	1	3	C5-A391.20-31 085	50.0	31.8	85.0	7.5	85.0			54.3	63.0			30°	20	3.20	1
						1.969	*1.250*	*3.347*	*.295*	*3.346*			*2.138*	*2.480*				*290*		
C6	3/8	1	1	14	C6-A391.20-09 060	63.0	9.5	60.0	7.5	29.0	37.8	60.0	16.7	25.4	25.4	63.0	30°	20	2.40	0
						2.480	*.375*	*2.362*	*.295*	*1.142*	*1.488*	*2.362*	*.657*	*1.000*	*1.000*	*2.480*		*290*		
	1/2	1	1	14	C6-A391.20-12 060	63.0	12.7	60.0	7.5	32.0	37.7	60.0	23.0	31.7	31.7	63.0	30°	20	2.40	0
						2.480	*.500*	*2.362*	*.295*	*1.260*	*1.484*	*2.362*	*.906*	*1.248*	*1.248*	*2.480*		*290*		
	5/8	1	1	14	C6-A391.20-15 065	63.0	15.9	65.0	7.5	36.6	43.0	65.0	32.3	41.0	41.0	63.0	30°	20	2.40	0
						2.480	*.625*	*2.560*	*.295*	*1.441*	*1.693*	*2.559*	*1.272*	*1.614*	*1.614*	*2.480*		*290*		
	3/4	1	1	14	C6-A391.20-19 065A	63.0	19.1	65.0	7.5	38.7	44.0	66.0	35.8	44.5	44.5	63.0	30°	20	2.40	0
						2.480	*.750*	*2.560*	*.295*	*1.524*	*1.732*	*2.598*	*1.409*	*1.752*	*1.752*	*2.480*		*290*		
	7/8	1	1	14	C6-A391.20-22 080	63.0	22.2	65.0	7.5	56.0	57.9	80.0	41.3	50.0	50.0	63.0	30°	20	3.38	0
						2.480	*.875*	*2.560*	*.295*	*2.205*	*2.280*	*3.150*	*1.626*	*1.969*	*1.969*	*2.480*		*290*		
	1	1	1	14	C6-A391.20-25 085	63.0	25.4	85.0	7.5	61.0	62.7	85.0	48.4	57.1	57.1	63.0	30°	20	3.38	0
						2.480	*1.000*	*3.347*	*.295*	*2.402*	*2.469*	*3.346*	*1.906*	*2.248*	*2.248*	*2.480*		*290*		
	1 1/4	1	1	3	C6-A391.20-31 085	63.0	31.8	85.0	7.5	85.0			54.3	63.0			30°	20	1.00	0
						2.480	*1.250*	*3.347*	*.295*	*3.346*			*2.138*	*2.480*				*290*		
	1 1/2	1	1	3	C6-A391.20-38 090	63.0	38.1	90.0	7.5	90.0			61.3	70.0			30°	20	3.30	0
						2.480	*1.500*	*3.543*	*.295*	*3.543*			*2.413*	*2.756*				*290*		

ISO 13399 Q1

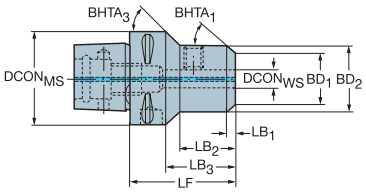
CNSC CXSC Q35

Coromant Capto® to Weldon adaptor

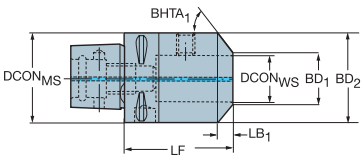
Workpiece side interface ANSI B94.19



DSGN 14



3



Inch bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	LB$_4$	BD$_1$	BD$_2$	BD$_3$	BD$_4$	BHTA$_1$	CP Bar/PSI	Kg	BBD
C8	3/8	1	1	14	C8-A391.20-09 070	80.0	9.5	70.0	7.5	27.5	40.2	70.0	16.7	25.4	25.4	80.0	30°	20	1.70	0
						3.150	*.375*	*2.756*	*.295*	*1.083*	*1.583*	*2.756*	*.657*	*1.000*	*1.000*	*3.150*		*290*		
	1/2	1	1	14	C8-A391.20-12 070	80.0	12.7	70.0	7.5	31.0	39.8	70.0	23.0	31.7	31.7	80.0	30°	20	1.70	0
						3.150	*.500*	*2.756*	*.295*	*1.220*	*1.567*	*2.756*	*.906*	*1.248*	*1.248*	*3.150*		*290*		
	5/8	1	1	14	C8-A391.20-15 070	80.0	15.9	70.0	7.5	33.5	39.8	70.0	32.3	41.0	41.0	80.0	30°	20	1.70	0
						3.150	*.625*	*2.756*	*.295*	*1.319*	*1.567*	*2.756*	*1.272*	*1.614*	*1.614*	*3.150*		*290*		
	3/4	1	1	14	C8-A391.20-19 075	80.0	19.1	75.0	7.5	36.5	44.8	75.0	35.8	44.5	44.5	80.0	30°	20	2.30	0
						3.150	*.750*	*2.953*	*.295*	*1.437*	*1.764*	*2.953*	*1.409*	*1.752*	*1.752*	*3.150*		*290*		
	7/8	1	1	14	C8-A391.20-22 080	80.0	22.2	80.0	7.5	41.5	50.2	80.0	41.3	50.0	50.0	80.0	30°	20	2.30	0
						3.150	*.875*	*3.150*	*.295*	*1.634*	*1.976*	*3.150*	*1.626*	*1.969*	*1.969*	*3.150*		*290*		
	1	1	1	14	C8-A391.20-25 080	80.0	25.4	80.0	7.5	51.4	58.0	80.0	48.4	57.1	57.1	80.0	30°	20	2.30	0
						3.150	*1.000*	*3.150*	*.295*	*2.024*	*2.283*	*3.150*	*1.906*	*2.248*	*2.248*	*3.150*		*290*		
	1 1/4	1	1	14	C8-A391.20-31 080	80.0	31.8	80.0	7.5	53.1	58.0	80.0	54.3	63.0	63.0	80.0	30°	20	2.30	0
						3.150	*1.250*	*3.150*	*.295*	*2.091*	*2.283*	*3.150*	*2.138*	*2.480*	*2.480*	*3.150*		*290*		
	1 1/2	1	1	14	C8-A391.20-38 085	80.0	38.1	85.0	7.5	60.1	63.0	85.0	61.3	70.0	70.0	80.0	30°	20	2.65	0
						3.150	*1.500*	*3.346*	*.295*	*2.366*	*2.480*	*3.346*	*2.413*	*2.756*	*2.756*	*3.150*		*290*		
	2	1	1	3	C8-A391.20-50 115	80.0	50.8	115.0	7.5	115.0			84.8	93.5			30°	20	5.98	0
						3.150	*2.000*	*4.528*	*.295*	*4.528*			*3.339*	*3.681*				*290*		

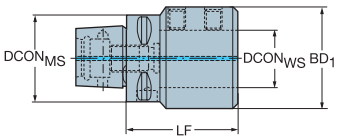
ISO 13399 Q1

CNSC CXSC Q35

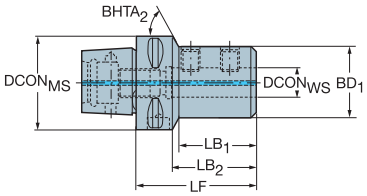
Coromant Capto® to ISO 9766 adaptor



DSGN 1



DSGN 7



Metric bore

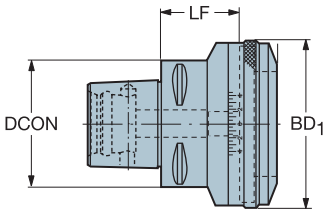
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_2$	CP Bar/PSI	Kg	BBD
C3	16	1	1	1	C3-391.27-16 056	32.0	16.0	56.0	56.0			36.0				20	0.40	1
						1.260	*.630*	*2.205*	*2.205*			*1.417*				*290*		
	20	1	1	1	C3-391.27-20 060	32.0	20.0	60.0	60.0			40.0				20	0.40	1
						1.260	*.787*	*2.362*	*2.362*			*1.575*				*290*		
C4	16	1	1	7	C4-391.27-16 056	40.0	16.0	56.0	32.5	36.0	56.0	36.0	36.0	40.0	30°	20	0.60	1
						1.575	*.630*	*2.205*	*1.280*	*1.417*	*2.205*	*1.417*	*1.417*	*1.575*		*290*		
	20	1	1	1	C4-391.27-20 060	40.0	20.0	60.0	60.0			40.0				20	0.60	1
						1.575	*.787*	*2.362*	*2.362*			*1.575*				*290*		
	25	1	1	1	C4-391.27-25 077	40.0	25.0	77.0	77.0			45.0				20	0.70	1
						1.575	*.984*	*3.032*	*3.032*			*1.772*				*290*		
C5	16	1	1	7	C5-391.27-16 065	50.0	16.0	65.0	41.7	45.0	65.0	36.0	36.0	50.0	65°	20	0.71	1
						1.969	*.630*	*2.559*	*1.642*	*1.772*	*2.559*	*1.417*	*1.417*	*1.969*		*290*		
	20	1	1	7	C5-391.27-20 060	50.0	20.0	60.0	37.7	40.0	60.0	40.0	40.0	50.0	65°	20	0.71	1
						1.969	*.787*	*2.362*	*1.484*	*1.575*	*2.362*	*1.575*	*1.575*	*1.969*		*290*		
	25	1	1	7	C5-391.27-25 071	50.0	25.0	71.0	46.7	51.0	71.0	45.0	45.0	50.0	30°	20	0.80	1
						1.969	*.984*	*2.795*	*1.839*	*2.008*	*2.795*	*1.772*	*1.772*	*1.969*		*290*		
	32	1	1	1	C5-391.27-32 075	50.0	32.0	75.0	75.0			52.0				20	1.00	1
						1.969	*1.260*	*2.953*	*2.953*			*2.047*				*290*		
C6	16	1	1	7	C6-391.27-16 070	63.0	16.0	70.0	43.0	47.9	70.0	36.0	36.0	63.0	70°	20	1.10	0
						2.480	*.630*	*2.756*	*1.693*	*1.886*	*2.756*	*1.417*	*1.417*	*2.480*		*290*		
	20	1	1	7	C6-391.27-20 070	63.0	20.0	70.0	43.8	48.0	70.0	40.0	40.0	63.0	70°	20	1.10	0
						2.480	*.787*	*2.756*	*1.724*	*1.890*	*2.756*	*1.575*	*1.575*	*2.480*		*290*		
	25	1	1	7	C6-391.27-25 070A	63.0	25.0	72.0	45.8	50.0	72.0	45.0	45.0	63.0	65°	20	1.10	0
						2.480	*.984*	*2.835*	*1.803*	*1.969*	*2.835*	*1.772*	*1.772*	*2.480*		*290*		
	32	1	1	7	C6-391.27-32 075	63.0	32.0	75.0	49.8	53.0	75.0	52.0	52.0	63.0	60°	20	1.30	0
						2.480	*1.260*	*2.953*	*1.961*	*2.087*	*2.953*	*2.047*	*2.047*	*2.480*		*290*		
	40	1	1	1	C6-391.27-40 085	63.0	40.0	85.0	85.0			65.0				20	1.70	0
						2.480	*1.575*	*3.346*	*3.346*			*2.559*				*290*		
	50	1	1	1	C6-391.27-50 115	63.0	50.0	115.0	115.0			75.0				20	2.60	0
						2.480	*1.969*	*4.528*	*4.528*			*2.953*				*290*		
C8	16	1	1	7	C8-391.27-16 080	80.0	16.0	80.0	42.0	50.0	80.0	36.0	36.0	80.0	70°	20	2.10	0
						3.150	*.630*	*3.150*	*1.654*	*1.969*	*3.150*	*1.417*	*1.417*	*3.150*		*290*		
	20	1	1	7	C8-391.27-20 080	80.0	20.0	80.0	43.8	49.9	80.0	40.0	40.0	80.0	73°	20	2.43	0
						3.150	*.787*	*3.150*	*1.724*	*1.965*	*3.150*	*1.575*	*1.575*	*3.150*		*290*		
	25	1	1	7	C8-391.27-25 085	80.0	25.0	85.0	49.8	55.1	85.0	45.0	45.0	80.0	73°	20	2.42	0
						3.150	*.984*	*3.346*	*1.961*	*2.169*	*3.346*	*1.772*	*1.772*	*3.150*		*290*		
	32	1	1	7	C8-391.27-32 090	80.0	32.0	90.0	53.8	60.0	90.0	52.0	52.0	80.0	66°	20	2.42	0
						3.150	*1.260*	*3.543*	*2.118*	*2.362*	*3.543*	*2.047*	*2.047*	*3.150*		*290*		
	40	1	1	7	C8-391.27-40 095	80.0	40.0	95.0	62.8	65.1	95.0	65.0	65.0	80.0	73°	20	2.80	0
						3.150	*1.575*	*3.740*	*2.472*	*2.563*	*3.740*	*2.559*	*2.559*	*3.150*		*290*		
	50	1	1	7	C8-391.27-50 100	80.0	50.0	100.0	68.6	70.0	100.0	75.0	75.0	80.0	61°	20	3.10	0
						3.150	*1.969*	*3.937*	*2.701*	*2.756*	*3.937*	*2.953*	*2.953*	*3.150*		*290*		

ISO 13399 Q1

CNSC CXSC Q35

Coromant Capto® to ISO 9766 adjustable adaptor





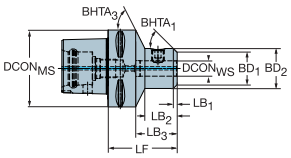
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LF	LB_1	BD_1	CP Bar/PSI	Kg
C5	1	1	1	C5-391.277-01 040A	50.0	78.0	40.0	64.6	86.0	20	1.68
					1.969	*3.071*	*1.575*	*2.543*	*3.386*	*290*	
C6	1	1	1	C6-391.277-01 040B	63.0	78.0	40.0	64.6	86.0	20	1.70
					2.480	*3.071*	*1.575*	*2.543*	*3.386*	*290*	
	2	1	1	C6-391.277-02 045A	63.0	98.0	45.0	69.6	106.0	20	2.30
					2.480	*3.858*	*1.772*	*2.740*	*4.173*	*290*	
C8	2	1	1	C8-391.277-02050A	80.0	98.0	50.0	74.6	106.0	20	3.45
					3.150	*3.858*	*1.969*	*2.937*	*4.173*	*290*	

P41 Q1 Q35

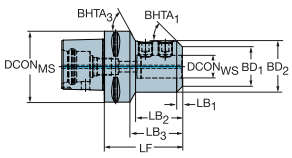
Coromant Capto® to Weldon / ISO 9766 adaptor



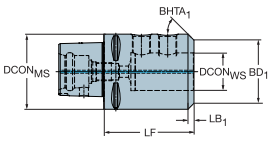
DSGN 14



14



3



Metric bore

CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LF	LB_1	LB_2	LB_3	LB_4	BD_1	BD_2	BD_3	BD_4	$BHTA_1$	CP Bar/PSI	Kg
C10	20	1	1	14	C10-391.23-20 090	100.0	20.0	90.0	5.0	42.0	54.0	90.0	42.0	52.0	52.0	100.0	45°	20	4.31
						3.937	.787	3.543	.197	1.654	2.126	3.543	1.654	2.047	2.047	3.937		290	
	25	1	1	14	C10-391.23-25 105	100.0	25.0	105.0	8.0	61.0	69.0	105.0	49.0	65.0	65.0	100.0	45°	20	4.95
						3.937	.984	4.134	.315	2.402	2.717	4.134	1.929	2.559	2.559	3.937		290	
	32	1	1	14	C10-391.23-32 110	100.0	32.0	110.0	8.0	66.0	74.0	110.0	56.0	72.0	72.0	100.0	45°	20	5.30
						3.937	1.260	4.331	.315	2.598	2.913	4.331	2.205	2.835	2.835	3.937		290	
	40	1	1	14	C10-391.23-40 115	100.0	40.0	115.0	8.0	76.0	79.0	115.0	74.0	90.0	90.0	100.0	45°	20	6.45
						3.937	1.575	4.528	.315	2.992	3.110	4.528	2.913	3.543	3.543	3.937		290	
	50	1	1	3	C10-391.23-50 120	100.0	50.0	120.0	8.0	120.0			84.0	100.0			45°	20	7.10
						3.937	1.969	4.724	.315	4.724			3.307	3.937				290	

Inch bore

CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LF	LB_1	LB_2	LB_3	LB_4	BD_1	BD_2	BD_3	BD_4	$BHTA_1$	CP Bar/PSI	Kg
C6	5/8	1	1	14	C6-A391.23-15 065	63.0	15.9	65.0	7.5	36.6	43.0	65.0	32.4	41.0	41.0	63.0	30°	20	1.10
						2.480	*.625*	*2.559*	*.295*	*1.441*	*1.693*	*2.559*	*1.276*	*1.614*	*1.614*	*2.480*		*290*	
	3/4	1	1	14	C6-A391.23-19 066	63.0	19.1	66.0	7.5	38.7	44.0	66.0	35.8	44.5	44.5	63.0	30°	20	1.20
						2.480	*.750*	*2.598*	*.295*	*1.524*	*1.732*	*2.598*	*1.409*	*1.752*	*1.752*	*2.480*		*290*	
	1	1	1	14	C6-A391.23-25 085	63.0	25.4	85.0	7.5	61.0	63.0	85.0	48.4	57.1	57.1	63.0	30°	20	1.70
						2.480	*1.000*	*3.346*	*.295*	*2.402*	*2.480*	*3.346*	*1.906*	*2.248*	*2.248*	*2.480*		*290*	
	1 1/4	1	1	3	C6-A391.23-31 085	63.0	31.8	85.0	7.5	85.0			54.4	63.0			30°	20	1.80
						2.480	*1.250*	*3.346*	*.295*	*3.346*			*2.142*	*2.480*				*290*	
	1 1/2	1	1	3	C6-A391.23-38 090	63.0	38.1	90.0	7.5	90.0			61.4	70.0			30°	20	2.10
						2.480	*1.500*	*3.543*	*.295*	*3.543*			*2.417*	*2.756*				*290*	
C8	5/8	1	1	14	C8-A391.23-15 070	80.0	15.9	70.0	7.5	34.0	40.0	70.0	32.4	41.0	41.0	80.0	30°	20	2.10
						3.150	*.625*	*2.756*	*.295*	*1.339*	*1.575*	*2.756*	*1.276*	*1.614*	*1.614*	*3.150*		*290*	
	3/4	1	1	14	C8-A391.23-19 075	80.0	19.1	75.0	7.5	36.5	44.8	75.0	35.8	44.5	44.5	80.0	30°	20	2.20
						3.150	*.750*	*2.953*	*.295*	*1.437*	*1.764*	*2.953*	*1.409*	*1.752*	*1.752*	*3.150*		*290*	
	1	1	1	14	C8-A391.23-25 080	80.0	25.4	80.0	7.5	51.4	58.0	80.0	48.4	57.1	57.1	80.0	30°	20	2.30
						3.150	*1.000*	*3.150*	*.295*	*2.024*	*2.283*	*3.150*	*1.906*	*2.248*	*2.248*	*3.150*		*290*	
	1 1/4	1	1	14	C8-A391.23-31 080	80.0	31.8	80.0	7.5	53.1	58.0	80.0	54.3	63.0	63.0	80.0	30°	20	2.40
						3.150	*1.250*	*3.150*	*.295*	*2.091*	*2.283*	*3.150*	*2.138*	*2.480*	*2.480*	*3.150*		*290*	
	1 1/2	1	1	14	C8-A391.23-38 085	80.0	38.1	85.0	7.5	36.5	44.8	75.0	35.8	44.5	44.5	80.0	30°	20	2.60
						3.150	*1.500*	*3.346*	*.295*	*1.437*	*1.764*	*2.953*	*1.409*	*1.752*	*1.752*	*3.150*		*290*	
	2	1	1	3	C8-A391.23-50 115	80.0	50.8	115.0	7.5	115.0			84.8	93.5			30°	20	4.70
						3.150	*2.000*	*4.528*	*.295*	*4.528*			*3.339*	*3.681*				*290*	
C10	3/4	1	1	14	C10-A391.23-19 090	100.0	19.1	90.0	7.5	38.0	54.0	90.0	35.8	44.5	44.5	100.0	30°	20	4.18
						3.937	*.750*	*3.543*	*.295*	*1.496*	*2.126*	*3.543*	*1.409*	*1.752*	*1.752*	*3.937*		*290*	
	1	1	1	14	C10-A391.23-25 105	100.0	25.4	105.0	7.5	61.5	69.0	105.0	48.4	57.1	57.1	100.0	30°	20	4.58
						3.937	*1.000*	*4.134*	*.295*	*2.421*	*2.717*	*4.134*	*1.906*	*2.248*	*2.248*	*3.937*		*290*	
	1 1/4	1	1	14	C10-A391.23-31 110	100.0	31.8	110.0	7.5	62.0	74.0	110.0	54.3	63.0	63.0	100.0	30°	20	4.88
						3.937	*1.250*	*4.331*	*.295*	*2.441*	*2.913*	*4.331*	*2.138*	*2.480*	*2.480*	*3.937*		*290*	
	1 1/2	1	1	14	C10-A391.23-38 115	100.0	38.1	115.0	7.5	72.0	79.0	115.0	61.3	70.0	70.0	100.0	30°	20	5.11
						3.937	*1.500*	*4.528*	*.295*	*2.835*	*3.110*	*4.528*	*2.413*	*2.756*	*2.756*	*3.937*		*290*	
	2	1	1	14	C10-A391.23-50 120	100.0	50.8	120.0	7.5	82.5	84.0	120.0	84.4	93.5	93.5	100.0	30°	20	6.43
						3.937	*2.000*	*4.724*	*.295*	*3.248*	*3.307*	*4.724*	*3.323*	*3.681*	*3.681*	*3.937*		*290*	

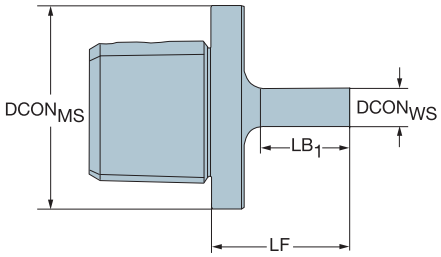
ISO 13399 Q1

CNSC CXSC Q35

Coromant Capto® to CoroMill® 327 adaptor

Short design, for segment clamping only





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	Kg	BBD
C3	06	0	0	C3-391.327-06 029	32.0	6.0	29.0	16.0	29.0	6.0	32.0	0.10	1
					1.260	*.236*	*1.142*	*.630*	*1.142*	*.236*	*1.260*		
	09	0	0	C3-391.327-09 035	32.0	9.0	35.0	22.0	35.0	9.0	32.0	0.11	1
					1.260	*.354*	*1.378*	*.866*	*1.378*	*.354*	*1.260*		
C4	06	0	0	C4-391.327-06 029	40.0	6.0	29.0	16.0	29.0	6.0	40.0	0.15	1
					1.575	*.236*	*1.142*	*.630*	*1.142*	*.236*	*1.575*		
	09	0	0	C4-391.327-09 035	40.0	9.0	35.0	22.0	35.0	9.0	40.0	0.16	1
					1.575	*.354*	*1.378*	*.866*	*1.378*	*.354*	*1.575*		
	12	0	0	C4-391.327-12 043	40.0	12.0	43.0	30.0	43.0	12.0	40.0	0.18	1
					1.575	*.472*	*1.693*	*1.181*	*1.693*	*.472*	*1.575*		
C5	06	0	0	C5-391.327-06 029	50.0	6.0	29.0	16.0	29.0	6.0	50.0	0.28	1
					1.969	*.236*	*1.142*	*.630*	*1.142*	*.236*	*1.969*		
	09	0	0	C5-391.327-09 035	50.0	9.0	35.0	22.0	35.0	9.0	50.0	0.29	1
					1.969	*.354*	*1.378*	*.866*	*1.378*	*.354*	*1.969*		
	12	0	0	C5-391.327-12 043	50.0	12.0	43.0	30.0	43.0	12.0	50.0	0.30	1
					1.969	*.472*	*1.693*	*1.181*	*1.693*	*.472*	*1.969*		
	14	0	0	C5-391.327-14 048	50.0	14.3	48.0	35.0	48.0	14.3	50.0	0.31	1
					1.969	*.563*	*1.890*	*1.378*	*1.890*	*.563*	*1.969*		

ISO 13399 Q1

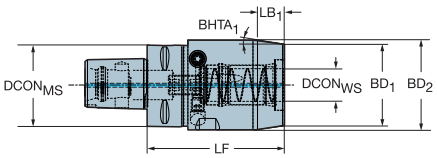
CNSC CXSC Q35

Coromant Capto® to CoroChuck™ 930

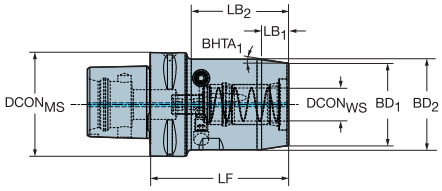
Heavy Duty design



DSGN 3



DSGN 6



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_1$	CP Bar/PSI	Kg	BBD	RPMX
C4	20	1	1	3	930-C4-HD-20-084	40.0	20.0	84.0	17.8	84.0		50.0	55.0		8°	80	1.27	1	39000
						1.575	*.787*	*3.307*	*.701*	*3.307*		*1.969*	*2.165*			*1160*			
C5	20	1	1	3	930-C5-HD-20-082	50.0	20.0	82.0	17.8	82.0		50.0	55.0		8°	80	1.41	1	28000
						1.969	*.787*	*3.228*	*.701*	*3.228*		*1.969*	*2.165*			*1160*			
	25	1	1	3	930-C5-HD-25-088	50.0	25.0	88.0	18.8	88.0		57.0	65.0		12°	80	1.89	1	28000
						1.969	*.984*	*3.465*	*.740*	*3.465*		*2.244*	*2.559*			*1160*			
C6	20	1	1	6	930-C6-HD-20-084	63.0	20.0	84.0	17.8	59.0	84.0	50.0	55.0	63.0	8°	80	1.74	1	20000
						2.480	*.787*	*3.307*	*.701*	*2.323*	*3.307*	*1.969*	*2.165*	*2.480*		*1160*			
	25	1	1	3	930-C6-HD-25-087	63.0	25.0	87.0	18.8	87.0		57.0	65.0		12°	80	2.15	1	20000
						2.480	*.984*	*3.425*	*.740*	*3.425*		*2.244*	*2.559*			*1160*			
	32	1	1	3	930-C6-HD-32-091	63.0	32.0	91.0	18.8	91.0		68.0	76.0		12°	80	2.74	1	20000
						2.480	*1.260*	*3.583*	*.740*	*3.583*		*2.677*	*2.992*			*1160*			
C8	20	1	1	6	930-C8-HD-20-097	80.0	20.0	97.0	17.8	62.0	97.0	50.0	55.0	80.0	8°	80	2.84	1	14000
						3.150	*.787*	*3.819*	*.701*	*2.441*	*3.819*	*1.969*	*2.165*	*3.150*		*1160*			
	25	1	1	6	930-C8-HD-25-097	80.0	25.0	97.0	18.8	63.0	97.0	57.0	65.0	80.0	12°	80	3.20	1	14000
						3.150	*.984*	*3.819*	*.740*	*2.480*	*3.819*	*2.244*	*2.559*	*3.150*		*1160*			
	32	1	1	6	930-C8-HD-32-085	80.0	32.0	85.0	18.8	53.3	85.0	67.8	76.0	80.0	12°	80	3.25	1	14000
						3.150	*1.260*	*3.346*	*.740*	*2.098*	*3.346*	*2.669*	*2.992*	*3.150*		*1160*			
C10	32	1	1	6	930-C10-HD-32-098	100.0	32.0	98.0	18.8	56.2	98.0	67.8	76.0	100.0	12°	80	5.09	1	10000
						3.937	*1.260*	*3.858*	*.740*	*2.213*	*3.858*	*2.669*	*2.992*	*3.937*		*1160*			

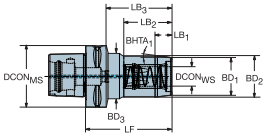
P16 P44 Q5 Q1 Q35 Q32

Coromant Capto® to CoroChuck™ 930

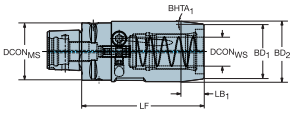
Slender design



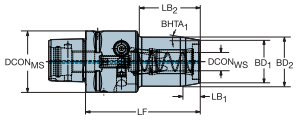
DSGN 19



3



6



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	LB$_4$	BD$_1$	BD$_2$	BD$_3$	BD$_4$	BHTA$_1$	CP Bar/PSI	Kg	BBD	RPMX
C3	12	1	1	3	930-C3-S-12-074	32.0	12.0	74.0	11.3	74.0			28.0	32.0			10°	80	0.45	1	55000
						1.260	*.472*	*2.913*	*.445*	*2.913*			*1.102*	*1.260*				*1160*			
C4	12	1	1	6	930-C4-S-12-080A	40.0	12.0	80.0	11.3	40.0	80.0		28.0	32.0	40.0		15°	80	0.60	1	39000
						1.575	*.472*	*3.150*	*.445*	*1.575*	*3.150*		*1.102*	*1.260*	*1.575*			*1160*			
	20	1	1	3	930-C4-S-20-090A	40.0	20.0	90.0	16.0	90.0			38.0	42.0			7°	80	0.80	1	39000
						1.575	*.787*	*3.543*	*.630*	*3.543*			*1.496*	*1.654*				*1160*			
C5	12	1	1	6	930-C5-S-12-075	50.0	12.0	75.0	11.3	38.2	75.0		28.0	32.0	50.0		10°	80	0.82	1	28000
						1.969	*.472*	*2.953*	*.445*	*1.504*	*2.953*		*1.102*	*1.260*	*1.969*			*1160*			
	20	1	1	6	930-C5-S-20-085	50.0	20.0	85.0	16.0	49.2	85.0		28.0	42.0	50.0		7°	80	1.01	1	28000
						1.969	*.787*	*3.346*	*.630*	*1.937*	*3.346*		*1.102*	*1.654*	*1.969*			*1160*			
	20	1	1	6	930-C5-S-20-125	50.0	20.0	125.0	16.0	49.2	125.0		38.0	42.0	50.0		7°	80	1.60	1	28000
						1.969	*.787*	*4.921*	*.630*	*1.937*	*4.921*		*1.496*	*1.654*	*1.969*			*1160*			
C6	12	1	1	19	930-C6-S-12-082	63.0	12.0	82.0	11.3	38.2	56.0	82.0	28.0	32.0	50.0	63.0	10°	80	1.22	1	20000
						2.480	*.472*	*3.228*	*.445*	*1.504*	*2.205*	*3.228*	*1.102*	*1.260*	*1.969*	*2.480*		*1160*			
	20	1	1	19	930-C6-S-20-091	63.0	20.0	91.0	16.0	49.2	65.1	91.0	38.0	42.0	50.0	63.0	7°	80	1.40	1	20000
						2.480	*.787*	*3.583*	*.630*	*1.937*	*2.563*	*3.583*	*1.496*	*1.654*	*1.969*	*2.480*		*1160*			
	20	1	1	19	930-C6-S-20-150	63.0	20.0	150.0	16.0	49.2	66.8	150.0	38.0	42.0	50.0	63.0	7°	80	2.52	1	20000
						2.480	*.787*	*5.906*	*.630*	*1.937*	*2.630*	*5.906*	*1.496*	*1.654*	*1.969*	*2.480*		*1160*			
C8	12	1	1	19	930-C8-S-12-094	80.0	12.0	94.0	11.3	38.2	59.0	94.0	28.0	32.0	50.0	80.0	10°	80	2.29	1	14000
						3.150	*.472*	*3.701*	*.445*	*1.504*	*2.323*	*3.701*	*1.102*	*1.260*	*1.969*	*3.150*		*1160*			
	20	1	1	19	930-C8-S-20-103	80.0	20.0	103.0	16.0	49.2	68.0	103.0	38.0	42.0	50.0	80.0	7°	80	2.47	1	14000
						3.150	*.787*	*4.055*	*.630*	*1.937*	*2.677*	*4.055*	*1.496*	*1.654*	*1.969*	*3.150*		*1160*			
	20	1	1	19	930-C8-S-20-175	80.0	20.0	175.0	16.0	49.2	70.0	175.0	38.0	42.0	50.0	80.0	7°	80	4.29	1	14000
						3.150	*.787*	*6.890*	*.630*	*1.937*	*2.756*	*6.890*	*1.496*	*1.654*	*1.969*	*3.150*		*1160*			

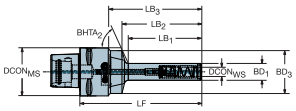
P16 P44 Q5 Q1 Q35 Q32

Coromant Capto® to CoroChuck™ 930

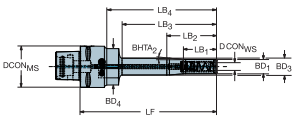
Pencil design



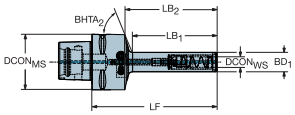
DSGN 11



17



7



Metric bore

						Dimensions, mm, inch												CP Bar/PSI	Kg		
CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LF	LB_1	LB_2	LB_3	LB_4	BD_1	BD_2	BD_3	BD_4	$BHTA_2$			BBD	RPMX
C4	6	1	1	7	930-C4-P-06-085	40.0	6.0	85.0	45.8	52.1	85.0		14.5	14.5	40.0		62°	80	0.42	1	39000
						1.575	*.236*	*3.346*	*1.803*	*2.051*	*3.346*		*.571*	*.571*	*1.575*			*1160*			
	12	1	1	7	930-C4-P-12-100	40.0	12.0	100.0	60.8	66.4	100.0		22.0	22.0	40.0		55°	80	0.52	1	39000
						1.575	*.472*	*3.937*	*2.394*	*2.614*	*3.937*		*.866*	*.866*	*1.575*			*1160*			
	12	1	1	7	930-C4-P-12-135	40.0	12.0	135.0	95.8	101.4	135.0		22.0	22.0	40.0		55°	80	0.62	1	39000
						1.575	*.472*	*5.315*	*3.772*	*3.992*	*5.315*		*.866*	*.866*	*1.575*			*1160*			
	12	1	1	11	930-C4-P-12-185	40.0	12.0	185.0	50.0	75.0	145.8	185.0	22.0	22.0	26.0	40.0	4°	80	0.87	1	39000
						1.575	*.472*	*7.283*	*1.969*	*2.953*	*5.740*	*7.283*	*.866*	*.866*	*1.024*	*1.575*		*1160*			
	20	1	1	7	930-C4-P-20-160	40.0	20.0	160.0	60.0	108.0	160.0		32.0	32.0	42.0		5°	80	1.19	1	39000
						1.575	*.787*	*6.299*	*2.362*	*4.252*	*6.299*		*1.260*	*1.260*	*1.654*			*1160*			
C5	6	1	1	11	930-C5-P-06-088	50.0	6.0	88.0	47.9	52.1	65.0	88.0	14.5	14.5	40.0	50.0	70°	80	0.63	1	28000
						1.969	*.236*	*3.465*	*1.886*	*2.051*	*2.559*	*3.465*	*.571*	*.571*	*1.575*	*1.969*		*1160*			
	12	1	1	11	930-C5-P-12-103	50.0	12.0	103.0	60.8	66.4	80.0	103.0	22.0	22.0	40.0	50.0	55°	80	0.72	1	28000
						1.969	*.472*	*4.055*	*2.394*	*2.614*	*3.150*	*4.055*	*.866*	*.866*	*1.575*	*1.969*		*1160*			
	12	1	1	11	930-C5-P-12-138	50.0	12.0	138.0	95.8	101.4	115.0	138.0	22.0	22.0	40.0	50.0	55°	80	0.83	1	28000
						1.969	*.472*	*5.433*	*3.772*	*3.992*	*4.528*	*5.433*	*.866*	*.866*	*1.575*	*1.969*		*1160*			
	12	1	1	17	930-C5-P-12-188	50.0	12.0	188.0	50.0	75.0	145.8	167.0	22.0	22.0	26.0	40.0	4°	80	1.08	1	28000
						1.969	*.472*	*7.402*	*1.969*	*2.953*	*5.740*	*6.575*	*.866*	*.866*	*1.024*	*1.575*		*1160*			
	20	1	1	11	930-C5-P-20-151	50.0	20.0	151.0	60.0	108.0	128.0	151.0	32.0	32.0	42.0	50.0	6°	80	1.28	1	28000
						1.969	*.787*	*5.945*	*2.362*	*4.252*	*5.039*	*5.945*	*1.260*	*1.260*	*1.654*	*1.969*		*1160*			
	20	1	1	11	930-C5-P-20-231	50.0	20.0	231.0	60.0	188.0	208.0	231.0	32.0	32.0	42.0	50.0	2°	80	1.94	1	28000
						1.969	*.787*	*9.094*	*2.362*	*7.402*	*8.189*	*9.094*	*1.260*	*1.260*	*1.654*	*1.969*		*1160*			
C6	6	1	1	11	930-C6-P-06-091	63.0	6.0	91.0	47.9	52.1	64.9	91.0	14.5	14.5	40.0	63.0	70°	80	0.97	1	20000
						2.480	*.236*	*3.583*	*1.886*	*2.051*	*2.555*	*3.583*	*.571*	*.571*	*1.575*	*2.480*		*1160*			
	12	1	1	11	930-C6-P-12-107	63.0	12.0	107.0	60.8	66.4	80.0	107.0	22.0	22.0	40.0	63.0	55°	80	1.08	1	20000
						2.480	*.472*	*4.213*	*2.394*	*2.614*	*3.150*	*4.213*	*.866*	*.866*	*1.575*	*2.480*		*1160*			
	12	1	1	11	930-C6-P-12-142	63.0	12.0	142.0	95.8	101.4	115.0	142.0	22.0	22.0	40.0	63.0	55°	80	1.19	1	20000
						2.480	*.472*	*5.591*	*3.772*	*3.992*	*4.528*	*5.591*	*.866*	*.866*	*1.575*	*2.480*		*1160*			
	12	1	1	17	930-C6-P-12-192	63.0	12.0	192.0	50.0	75.0	145.8	167.0	22.0	22.0	26.0	40.0	4°	80	1.44	1	20000
						2.480	*.472*	*7.559*	*1.969*	*2.953*	*5.740*	*6.575*	*.866*	*.866*	*1.024*	*1.575*		*1160*			
	20	1	1	11	930-C6-P-20-155	63.0	20.0	155.0	60.0	108.0	128.1	155.0	32.0	32.0	42.0	63.0	6°	80	1.64	1	20000
						2.480	*.787*	*6.102*	*2.362*	*4.252*	*5.043*	*6.102*	*1.260*	*1.260*	*1.654*	*2.480*		*1160*			
	20	1	1	11	930-C6-P-20-235	63.0	20.0	235.0	60.0	188.0	208.1	235.0	32.0	32.0	42.0	63.0	2°	80	2.30	1	20000
						2.480	*.787*	*9.252*	*2.362*	*7.402*	*8.193*	*9.252*	*1.260*	*1.260*	*1.654*	*2.480*		*1160*			
C8	12	1	1	11	930-C8-P-12-120	80.0	12.0	120.0	60.8	66.4	83.0	120.0	22.0	22.0	40.0	80.0	55°	80	2.16	1	14000
						3.150	*.472*	*4.724*	*2.394*	*2.614*	*3.268*	*4.724*	*.866*	*.866*	*1.575*	*3.150*		*1160*			
	12	1	1	11	930-C8-P-12-155	80.0	12.0	155.0	95.8	101.4	118.0	155.0	22.0	22.0	40.0	80.0	55°	80	2.26	1	14000
						3.150	*.472*	*6.102*	*3.772*	*3.992*	*4.646*	*6.102*	*.866*	*.866*	*1.575*	*3.150*		*1160*			
	12	1	1	17	930-C8-P-12-205	80.0	12.0	205.0	50.0	75.0	145.8	170.0	22.0	22.0	26.0	40.0	4°	80	2.51	1	14000
						3.150	*.472*	*8.071*	*1.969*	*2.953*	*5.740*	*6.693*	*.866*	*.866*	*1.024*	*1.575*		*1160*			
	20	1	1	11	930-C8-P-20-165	80.0	20.0	165.0	60.0	108.0	128.1	165.0	32.0	32.0	42.0	80.0	6°	80	2.68	1	14000
						3.150	*.787*	*6.496*	*2.362*	*4.252*	*5.043*	*6.496*	*1.260*	*1.260*	*1.654*	*3.150*		*1160*			
	20	1	1	11	930-C8-P-20-245	80.0	20.0	245.0	60.0	188.0	208.1	245.0	32.0	32.0	42.0	80.0	2°	80	3.34	1	14000
						3.150	*.787*	*9.646*	*2.362*	*7.402*	*8.193*	*9.646*	*1.260*	*1.260*	*1.654*	*3.150*		*1160*			

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CNSC CXSC Q35

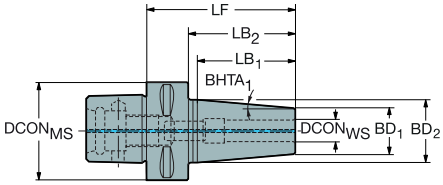
C3 – D C Q32

Coromant Capto® to shrink fit chuck

Short design



DSGN 6



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_1$	CP Bar/PSI	Kg	BBD
C4	6	1	1	6	C4-391.19-06 075	40.0	6.0	75.0	44.1	55.0	75.0	20.0	27.0	40.0	4°	80	0.42	1
						1.575	*.236*	*2.953*	*1.736*	*2.165*	*2.953*	*.787*	*1.063*	*1.575*		*1160*		
	8	1	1	6	C4-391.19-08 075	40.0	8.0	75.0	44.1	55.0	75.0	20.0	27.0	40.0	4°	80	0.42	1
						1.575	*.315*	*2.953*	*1.736*	*2.165*	*2.953*	*.787*	*1.063*	*1.575*		*1160*		
	10	1	1	6	C4-391.19-10 075	40.0	10.0	75.0	50.5	55.0	75.0	24.0	32.0	40.0	4°	80	0.50	1
						1.575	*.394*	*2.953*	*1.988*	*2.165*	*2.953*	*.945*	*1.260*	*1.575*		*1160*		
	12	1	1	6	C4-391.19-12 075	40.0	12.0	75.0	50.5	55.0	75.0	24.0	32.0	40.0	4°	80	0.46	1
						1.575	*.472*	*2.953*	*1.988*	*2.165*	*2.953*	*.945*	*1.260*	*1.575*		*1160*		
	14	1	1	6	C4-391.19-14 080	40.0	14.0	80.0	44.1	60.0	80.0	27.0	34.0	40.0	4°	80	0.52	1
						1.575	*.551*	*3.150*	*1.736*	*2.362*	*3.150*	*1.063*	*1.339*	*1.575*		*1160*		
	16	1	1	6	C4-391.19-16 080	40.0	16.0	80.0	44.1	60.0	80.0	27.0	34.0	40.0	4°	80	0.52	1
						1.575	*.630*	*3.150*	*1.736*	*2.362*	*3.150*	*1.063*	*1.339*	*1.575*		*1160*		
C5	6	1	1	6	C5-391.19-06 075	50.0	6.0	75.0	44.1	55.0	75.0	20.0	27.0	50.0	4°	80	0.61	1
						1.969	*.236*	*2.953*	*1.736*	*2.165*	*2.953*	*.787*	*1.063*	*1.969*		*1160*		
	8	1	1	6	C5-391.19-08 075	50.0	8.0	75.0	43.9	55.0	75.0	20.0	27.0	50.0	4°	80	0.60	1
						1.969	*.315*	*2.953*	*1.728*	*2.165*	*2.953*	*.787*	*1.063*	*1.969*		*1160*		
	10	1	1	6	C5-391.19-10 075	50.0	10.0	75.0	50.2	55.0	75.0	24.0	32.0	50.0	4°	80	0.66	1
						1.969	*.394*	*2.953*	*1.976*	*2.165*	*2.953*	*.945*	*1.260*	*1.969*		*1160*		
	12	1	1	6	C5-391.19-12 075	50.0	12.0	75.0	50.2	55.0	75.0	24.0	32.0	50.0	4°	80	0.64	1
						1.969	*.472*	*2.953*	*1.976*	*2.165*	*2.953*	*.945*	*1.260*	*1.969*		*1160*		
	14	1	1	6	C5-391.19-14 080	50.0	14.0	80.0	44.1	60.0	80.0	27.0	34.0	50.0	4°	80	0.72	1
						1.969	*.551*	*3.150*	*1.736*	*2.362*	*3.150*	*1.063*	*1.339*	*1.969*		*1160*		
	16	1	1	6	C5-391.19-16 080	50.0	16.0	80.0	44.1	60.0	80.0	27.0	34.0	50.0	4°	80	0.72	1
						1.969	*.630*	*3.150*	*1.736*	*2.362*	*3.150*	*1.063*	*1.339*	*1.969*		*1160*		
	18	1	1	6	C5-391.19-18 080	50.0	18.0	80.0	56.9	60.0	80.0	33.0	42.0	50.0	4°	80	0.90	1
						1.969	*.709*	*3.150*	*2.240*	*2.362*	*3.150*	*1.299*	*1.654*	*1.969*		*1160*		
	20	1	1	6	C5-391.19-20 085	50.0	20.0	85.0	56.9	65.0	85.0	33.0	42.0	50.0	4°	80	0.90	1
						1.969	*.787*	*3.346*	*2.240*	*2.559*	*3.346*	*1.299*	*1.654*	*1.969*		*1160*		
C6	6	1	1	6	C6-391.19-06 080	63.0	6.0	80.0	44.1	58.0	80.0	20.0	27.0	63.0	4°	80	0.90	1
						2.480	*.236*	*3.150*	*1.736*	*2.283*	*3.150*	*.787*	*1.063*	*2.480*		*1160*		
	8	1	1	6	C6-391.19-08 080	63.0	8.0	80.0	44.1	58.0	80.0	20.0	27.0	63.0	4°	80	0.90	1
						2.480	*.315*	*3.150*	*1.736*	*2.283*	*3.150*	*.787*	*1.063*	*2.480*		*1160*		
	10	1	1	6	C6-391.19-10 080	63.0	10.0	80.0	50.5	58.0	80.0	24.0	32.0	63.0	4°	80	1.00	1
						2.480	*.394*	*3.150*	*1.988*	*2.283*	*3.150*	*.945*	*1.260*	*2.480*		*1160*		
	12	1	1	6	C6-391.19-12 080	63.0	12.0	80.0	50.5	58.0	80.0	24.0	32.0	63.0	4°	80	1.00	1
						2.480	*.472*	*3.150*	*1.988*	*2.283*	*3.150*	*.945*	*1.260*	*2.480*		*1160*		
	14	1	1	6	C6-391.19-14 085	63.0	14.0	85.0	44.1	63.0	85.0	27.0	34.0	63.0	4°	80	1.10	1
						2.480	*.551*	*3.346*	*1.736*	*2.480*	*3.346*	*1.063*	*1.339*	*2.480*		*1160*		
	16	1	1	6	C6-391.19-16 085	63.0	16.0	85.0	44.1	63.0	85.0	27.0	34.0	63.0	4°	80	1.10	1
						2.480	*.630*	*3.346*	*1.736*	*2.480*	*3.346*	*1.063*	*1.339*	*2.480*		*1160*		
	18	1	1	6	C6-391.19-18 085	63.0	18.0	85.0	56.9	63.0	85.0	33.0	42.0	63.0	4°	80	1.27	1
						2.480	*.709*	*3.346*	*2.240*	*2.480*	*3.346*	*1.299*	*1.654*	*2.480*		*1160*		
	20	1	1	6	C6-391.19-20 085	63.0	20.0	85.0	56.9	63.0	85.0	33.0	42.0	63.0	4°	80	1.24	1
						2.480	*.787*	*3.346*	*2.240*	*2.480*	*3.346*	*1.299*	*1.654*	*2.480*		*1160*		
	25	1	1	6	C6-391.19-25 090	63.0	25.0	90.0	56.9	68.0	90.0	44.0	53.0	63.0	4°	80	1.54	1
						2.480	*.984*	*3.543*	*2.240*	*2.677*	*3.543*	*1.732*	*2.087*	*2.480*		*1160*		
	32	1	1	6	C6-391.19-32 095	63.0	32.0	95.0	56.9	73.0	95.0	44.0	53.0	63.0	4°	80	1.34	1
						2.480	*1.260*	*3.740*	*2.240*	*2.874*	*3.740*	*1.732*	*2.087*	*2.480*		*1160*		

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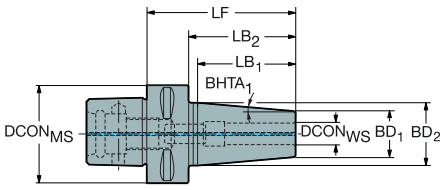
CNSC CXSC Q35

Coromant Capto® to shrink fit chuck

Short design



DSGN 6



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_1$	CP Bar/PSI	Kg	BBD
C8	10	1	1	6	C8-391.19-10 090	80.0	10.0	90.0	50.2	60.0	90.0	24.0	32.0	80.0	4°	80	2.00	1
						3.150	*.394*	*3.543*	*1.976*	*2.362*	*3.543*	*.945*	*1.260*	*3.150*		*1160*		
	12	1	1	6	C8-391.19-12 090	80.0	12.0	90.0	50.2	60.0	90.0	24.0	32.0	80.0	4°	80	1.98	1
						3.150	*.472*	*3.543*	*1.976*	*2.362*	*3.543*	*.945*	*1.260*	*3.150*		*1160*		
	16	1	1	6	C8-391.19-16 095	80.0	16.0	95.0	43.8	65.0	95.0	27.0	34.0	80.0	4°	80	2.03	1
						3.150	*.630*	*3.740*	*1.724*	*2.559*	*3.740*	*1.063*	*1.339*	*3.150*		*1160*		
	20	1	1	6	C8-391.19-20 095	80.0	20.0	95.0	56.5	65.0	95.0	33.0	42.0	80.0	4°	80	2.14	1
						3.150	*.787*	*3.740*	*2.224*	*2.559*	*3.740*	*1.299*	*1.654*	*3.150*		*1160*		
	25	1	1	6	C8-391.19-25 100	80.0	25.0	100.0	56.5	70.0	100.0	44.0	53.0	80.0	4°	80	2.54	1
						3.150	*.984*	*3.937*	*2.224*	*2.756*	*3.937*	*1.732*	*2.087*	*3.150*		*1160*		
C10	12	1	1	6	C10-391.19-12 095	100.0	12.0	95.0	50.5	59.0	95.0	24.0	32.0	100.0	4°	80	3.58	1
						3.937	*.472*	*3.740*	*1.988*	*2.323*	*3.740*	*.945*	*1.260*	*3.937*		*1160*		
	16	1	1	6	C10-391.19-16 100	100.0	16.0	100.0	44.1	64.0	100.0	27.0	34.0	100.0	4°	80	3.64	1
						3.937	*.630*	*3.937*	*1.736*	*2.520*	*3.937*	*1.063*	*1.339*	*3.937*		*1160*		
	20	1	1	6	C10-391.19-20 100	100.0	20.0	100.0	56.9	64.0	100.0	33.0	42.0	100.0	4°	80	3.74	1
						3.937	*.787*	*3.937*	*2.240*	*2.520*	*3.937*	*1.299*	*1.654*	*3.937*		*1160*		
	25	1	1	6	C10-391.19-25 110	100.0	25.0	110.0	56.9	74.0	110.0	44.0	53.0	100.0	4°	80	4.21	1
						3.937	*.984*	*4.331*	*2.240*	*2.913*	*4.331*	*1.732*	*2.087*	*3.937*		*1160*		

Inch bore

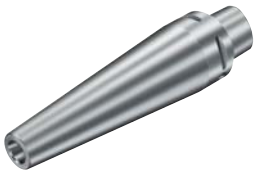
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_1$	CP Bar/PSI	Kg	BBD
C6	3/8	1	1	6	C6-A391.19-09 080	63.0	9.5	80.0	50.2	56.0	80.0	24.0	32.0	63.0	4°	80	1.00	1
						2.480	*.375*	*3.150*	*1.976*	*2.205*	*3.150*	*.945*	*1.260*	*2.480*		*1160*		
	1/2	1	1	6	C6-A391.19-12 080	63.0	12.7	80.0	50.2	56.0	80.0	24.0	32.0	63.0	4°	80	1.00	1
						2.480	*.500*	*3.150*	*1.976*	*2.205*	*3.150*	*.945*	*1.260*	*2.480*		*1160*		
	5/8	1	1	6	C6-A391.19-15 085	63.0	15.9	85.0	43.8	61.0	85.0	27.0	34.0	63.0	4°	80	1.06	1
						2.480	*.625*	*3.346*	*1.724*	*2.402*	*3.346*	*1.063*	*1.339*	*2.480*		*1160*		
	3/4	1	1	6	C6-A391.19-19 085	63.0	19.1	85.0	56.5	61.0	85.0	33.0	42.0	63.0	4°	80	1.20	1
						2.480	*.750*	*3.346*	*2.224*	*2.402*	*3.346*	*1.299*	*1.654*	*2.480*		*1160*		
C8	3/8	1	1	6	C8-A391.19-09 090	80.0	9.5	90.0	50.2	58.0	90.0	24.0	32.0	80.0	4°	80	2.00	1
						3.150	*.375*	*3.543*	*1.976*	*2.283*	*3.543*	*.945*	*1.260*	*3.150*		*1160*		
	1/2	1	1	6	C8-A391.19-12 090	80.0	12.7	90.0	50.2	58.0	90.0	24.0	32.0	80.0	4°	80	2.00	1
						3.150	*.500*	*3.543*	*1.976*	*2.283*	*3.543*	*.945*	*1.260*	*3.150*		*1160*		
	5/8	1	1	6	C8-A391.19-15 095	80.0	15.9	95.0	43.8	63.0	95.0	27.0	34.0	80.0	4°	80	2.05	1
						3.150	*.625*	*3.740*	*1.724*	*2.480*	*3.740*	*1.063*	*1.339*	*3.150*		*1160*		
	3/4	1	1	6	C8-A391.19-19 095	80.0	19.1	95.0	56.5	63.0	95.0	33.0	42.0	80.0	4°	80	2.18	1
						3.150	*.750*	*3.740*	*2.224*	*2.480*	*3.740*	*1.299*	*1.654*	*3.150*		*1160*		
C10	3/8	1	1	6	C10-A391.19-09 095	100.0	9.5	95.0	50.2	55.0	95.0	24.0	32.0	100.0	4°	80	3.59	1
						3.937	*.375*	*3.740*	*1.976*	*2.165*	*3.740*	*.945*	*1.260*	*3.937*		*1160*		
	1/2	1	1	6	C10-A391.19-12 095	100.0	12.7	95.0	50.2	55.0	95.0	24.0	32.0	100.0	4°	80	3.57	1
						3.937	*.500*	*3.740*	*1.976*	*2.165*	*3.740*	*.945*	*1.260*	*3.937*		*1160*		
	5/8	1	1	6	C10-A391.19-15 100	100.0	15.9	100.0	43.8	60.0	100.0	27.0	34.0	100.0	4°	80	3.64	1
						3.937	*.625*	*3.937*	*1.724*	*2.362*	*3.937*	*1.063*	*1.339*	*3.937*		*1160*		
	3/4	1	1	6	C10-A391.19-19 100	100.0	19.1	100.0	56.5	60.0	100.0	33.0	42.0	100.0	4°	80	3.77	1
						3.937	*.750*	*3.937*	*2.224*	*2.362*	*3.937*	*1.299*	*1.654*	*3.937*		*1160*		

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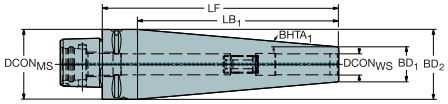
CNSC CXSC Q35

Coromant Capto® to shrink fit chuck

Long conical design



DSGN 3



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	BHTA$_1$	CP Bar/PSI	Kg	BBD
C3	6	1	1	3	C3-391.19-06 118	32.0	6.0	118.0	103.0	118.0	14.0	32.0	5°	80	0.43	1
						1.260	*.236*	*4.646*	*4.055*	*4.646*	*.551*	*1.260*		*1160*		
	8	1	1	3	C3-391.19-08 107	32.0	8.0	107.0	92.0	107.0	16.0	32.0	5°	80	0.42	1
						1.260	*.315*	*4.213*	*3.622*	*4.213*	*.630*	*1.260*		*1160*		
	10	1	1	3	C3-391.19-10 095	32.0	10.0	95.0	80.0	95.0	18.0	32.0	5°	80	0.38	1
						1.260	*.394*	*3.740*	*3.150*	*3.740*	*.709*	*1.260*		*1160*		
	12	1	1	3	C3-391.19-12 084	32.0	12.0	84.0	69.0	84.0	20.0	32.0	5°	80	0.35	1
						1.260	*.472*	*3.307*	*2.717*	*3.307*	*.787*	*1.260*		*1160*		
C4	12	1	1	3	C4-391.19-12 135	40.0	12.0	135.0	115.0	135.0	20.0	40.0	5°	80	0.81	1
						1.575	*.472*	*5.315*	*4.528*	*5.315*	*.787*	*1.575*		*1160*		
	16	1	1	3	C4-391.19-16 112	40.0	16.0	112.0	92.0	112.0	24.0	40.0	5°	80	0.74	1
						1.575	*.630*	*4.409*	*3.622*	*4.409*	*.945*	*1.575*		*1160*		
	18	1	1	3	C4-391.19-18 080	40.0	18.0	80.0	56.9	80.0	33.0	42.0	4°	80	0.66	1
						1.575	*.709*	*3.150*	*2.240*	*3.150*	*1.299*	*1.654*		*1160*		
	20	1	1	3	C4-391.19-20 085	40.0	20.0	85.0	56.9	85.0	33.0	42.0	4°	80	0.70	1
						1.575	*.787*	*3.346*	*2.240*	*3.346*	*1.299*	*1.654*		*1160*		
	20	1	1	3	C4-391.19-20 089	40.0	20.0	89.0	69.0	89.0	28.0	40.0	5°	80	0.60	1
						1.575	*.787*	*3.504*	*2.717*	*3.504*	*1.102*	*1.575*		*1160*		
C5	20	1	1	3	C5-391.19-20 146	50.0	20.0	146.0	126.0	146.0	28.0	50.0	5°	80	1.42	1
						1.969	*.787*	*5.748*	*4.961*	*5.748*	*1.102*	*1.969*		*1160*		
	25	1	1	3	C5-391.19-25 090	50.0	25.0	90.0	56.9	90.0	44.0	53.0	4°	80	1.24	1
						1.969	*.984*	*3.543*	*2.240*	*3.543*	*1.732*	*2.087*		*1160*		
	25	1	1	3	C5-391.19-25 118	50.0	25.0	118.0	98.0	118.0	33.0	50.0	5°	80	1.21	1
						1.969	*.984*	*4.646*	*3.858*	*4.646*	*1.299*	*1.969*		*1160*		

Inch bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	BHTA$_1$	CP Bar/PSI	Kg	BBD
C3	1/4	1	1	3	C3-A391.19-06 116	32.0	6.4	116.0	101.0	116.0	14.4	32.0	5°	80	0.43	1
						1.260	*.250*	*4.567*	*3.976*	*4.567*	*.567*	*1.260*		*1160*		
	3/8	1	1	3	C3-A391.19-09 098	32.0	9.5	98.0	83.0	98.0	17.5	32.0	5°	80	0.40	1
						1.260	*.375*	*3.858*	*3.268*	*3.858*	*.689*	*1.260*		*1160*		
	1/2	1	1	3	C3-A391.19-12 080	32.0	12.7	80.0	65.0	80.0	20.7	32.0	5°	80	0.35	1
						1.260	*.500*	*3.150*	*2.559*	*3.150*	*.815*	*1.260*		*1160*		
C4	1/2	1	1	3	C4-A391.19-12 131	40.0	12.7	131.0	111.0	131.0	20.7	40.0	5°	80	0.80	1
						1.575	*.500*	*5.157*	*4.370*	*5.157*	*.815*	*1.575*		*1160*		
	5/8	1	1	3	C4-A391.19-15 112	40.0	15.9	112.0	92.0	112.0	23.9	40.0	5°	80	0.74	1
						1.575	*.625*	*4.409*	*3.622*	*4.409*	*.941*	*1.575*		*1160*		
	3/4	1	1	3	C4-A391.19-19 094	40.0	19.1	94.0	74.0	94.0	27.1	40.0	5°	80	0.63	1
						1.575	*.750*	*3.701*	*2.913*	*3.701*	*1.067*	*1.575*		*1160*		
C5	3/4	1	1	3	C5-A391.19-19 151	50.0	19.1	151.0	131.0	151.0	27.1	50.0	5°	80	1.44	1
						1.969	*.750*	*5.945*	*5.157*	*5.945*	*1.067*	*1.969*		*1160*		
	1	1	1	3	C5-A391.19-25 115	50.0	25.4	115.0	95.0	115.0	33.4	50.0	5°	80	1.18	1
						1.969	*1.000*	*4.528*	*3.740*	*4.528*	*1.315*	*1.969*		*1160*		

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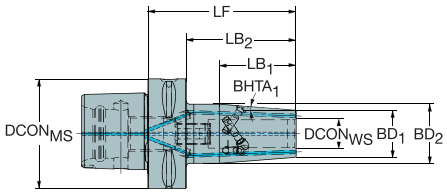
Coromant Capto® to cylindrical shank with iLock shrink fit chuck

Internal and external coolant supply

Short design

DSGN 6





CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LF	LB_1	LB_2	LB_3	BD_1	BD_2	BD_3	$BHTA_1$	CP Bar/PSI	Kg	BBD
C6	12	1	9	6	C6-391.19Y-12 080	63.0	12.0	80.0	50.5	58.0	80.0	24.0	32.0	63.0	4°	80	1.00	1
						2.480	*.472*	*3.150*	*1.988*	*2.283*	*3.150*	*.945*	*1.260*	*2.480*		*1160*		
	16	1	9	6	C6-391.19Y-16 085	63.0	16.0	85.0	44.1	63.0	85.0	27.0	34.0	63.0	4°	80	1.10	1
						2.480	*.630*	*3.346*	*1.736*	*2.480*	*3.346*	*1.063*	*1.339*	*2.480*		*1160*		
	20	1	9	6	C6-391.19Y-20 085	63.0	20.0	85.0	56.9	63.0	85.0	33.0	42.0	63.0	4°	80	1.20	1
						2.480	*.787*	*3.346*	*2.240*	*2.480*	*3.346*	*1.299*	*1.654*	*2.480*		*1160*		
	25	1	9	6	C6-391.19Y-25 090	63.0	25.0	95.0	56.9	70.0	90.0	44.0	53.0	63.0	4°	80	1.50	1
						2.480	*.984*	*3.740*	*2.240*	*2.756*	*3.543*	*1.732*	*2.087*	*2.480*		*1160*		
C8	12	1	9	6	C8-391.19Y-12 090	80.0	12.0	90.0	50.2	60.0	90.0	24.0	32.0	80.0	4°	80	2.00	1
						3.150	*.472*	*3.543*	*1.976*	*2.362*	*3.543*	*.945*	*1.260*	*3.150*		*1160*		
	16	1	9	6	C8-391.19Y-16 095	80.0	16.0	95.0	43.8	65.0	95.0	27.0	34.0	80.0	4°	80	2.00	1
						3.150	*.630*	*3.740*	*1.724*	*2.559*	*3.740*	*1.063*	*1.339*	*3.150*		*1160*		
	20	1	9	6	C8-391.19Y-20 095	80.0	20.0	95.0	56.5	65.0	95.0	33.0	42.0	80.0	4°	80	2.10	1
						3.150	*.787*	*3.740*	*2.224*	*2.559*	*3.740*	*1.299*	*1.654*	*3.150*		*1160*		
	25	1	9	6	C8-391.19Y-25 100	80.0	25.0	100.0	56.5	70.0	100.0	44.0	53.0	80.0	4°	80	2.50	1
						3.150	*.984*	*3.937*	*2.224*	*2.756*	*3.937*	*1.732*	*2.087*	*3.150*		*1160*		

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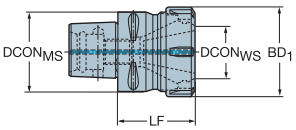
CNSC CXSC Q35

Coromant Capto® to ER collet chuck

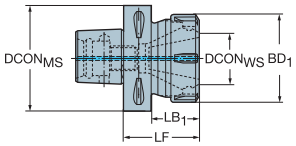
Workpiece side interface DIN 6499-B



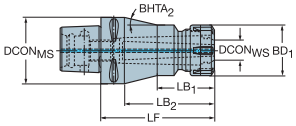
DSGN 1



DSGN 2



DSGN 7



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_2$	CP Bar/PSI	Kg	BBD	RPMX
C3	ER16	1	1	2	C3-391.14-16 045	32.0	17.0	45.0	29.0	45.0		28.0	32.0		0°	80	0.20	1	55000
						1.260	*.669*	*1.772*	*1.142*	*1.772*		*1.102*	*1.260*			*1160*			
	ER20	1	1	1	C3-391.14-20 045	32.0	21.0	45.0	45.0			33.7				80	0.30	1	55000
						1.260	*.827*	*1.772*	*1.772*			*1.327*				*1160*			
C4	ER16	1	1	7	C4-391.14-16 070	40.0	17.0	70.0	44.0	50.0	70.0	28.0	28.0	40.0	45°	80	0.42	1	39000
						1.575	*.669*	*2.756*	*1.732*	*1.969*	*2.756*	*1.102*	*1.102*	*1.575*		*1160*			
	ER20	1	1	2	C4-391.14-20 052	40.0	21.0	52.0	30.8	52.0		33.7	40.0		0°	80	0.30	1	39000
						1.575	*.827*	*2.047*	*1.213*	*2.047*		*1.327*	*1.575*			*1160*			
	ER25	1	1	1	C4-391.14-25 052	40.0	26.0	52.0	52.0			42.0				80	0.40	1	39000
						1.575	*1.024*	*2.047*	*2.047*			*1.654*				*1160*			
	ER32	1	1	1	C4-391.14-32 054	40.0	33.0	54.0	54.0			50.0				80	0.50	1	39000
						1.575	*1.299*	*2.126*	*2.126*			*1.969*				*1160*			
C5	ER16	1	1	7	C5-391.14-16 100	50.0	17.0	100.0	60.0	80.0	100.0	28.0	28.0	50.0	29°	80	0.90	1	28000
						1.969	*.669*	*3.937*	*2.362*	*3.150*	*3.937*	*1.102*	*1.102*	*1.969*		*1160*			
	ER20	1	1	2	C5-391.14-20 055	50.0	21.0	55.0	31.1	55.0		33.7	50.0		0°	80	0.50	1	28000
						1.969	*.827*	*2.165*	*1.224*	*2.165*		*1.327*	*1.969*			*1160*			
	ER20	1	1	7	C5-391.14-20 100	50.0	21.0	100.0	55.0	80.0	100.0	35.0	35.0	50.0	16°	80	1.00	1	28000
						1.969	*.827*	*3.937*	*2.165*	*3.150*	*3.937*	*1.378*	*1.378*	*1.969*		*1160*			
	ER20	1	1	7	C5-391.14-20 130	50.0	21.0	130.0	55.0	109.9	130.0	35.0	35.0	50.0	7°	80	1.34	1	28000
						1.969	*.827*	*5.118*	*2.165*	*4.327*	*5.118*	*1.378*	*1.378*	*1.969*		*1160*			
	ER25	1	1	2	C5-391.14-25 055	50.0	26.0	55.0	33.0	55.0		42.0	50.0		0°	80	0.50	1	28000
						1.969	*1.024*	*2.165*	*1.299*	*2.165*		*1.654*	*1.969*			*1160*			
	ER25	1	1	7	C5-391.14-25 100	50.0	26.0	100.0	65.0	80.0	100.0	42.0	42.0	50.0	14°	80	1.10	1	28000
						1.969	*1.024*	*3.937*	*2.559*	*3.150*	*3.937*	*1.654*	*1.654*	*1.969*		*1160*			
	ER32	1	1	1	C5-391.14-32 057	50.0	33.0	57.0	57.0			50.0				80	0.60	1	28000
						1.969	*1.299*	*2.244*	*2.244*			*1.969*				*1160*			
	ER32	1	1	1	C5-391.14-32 100	50.0	33.0	100.0	100.0			50.0				80	1.34	1	28000
						1.969	*1.299*	*3.937*	*3.937*			*1.969*				*1160*			
	ER40	1	1	1	C5-391.14-40 060	50.0	41.0	60.0	60.0			63.0				80	0.80	1	28000
						1.969	*1.614*	*2.362*	*2.362*			*2.480*				*1160*			
C6	ER16	1	1	7	C6-391.14-16 100	63.0	17.0	100.0	60.0	78.0	100.0	28.0	28.0	63.0	44°	80	1.25	0	20000
						2.480	*.669*	*3.937*	*2.362*	*3.071*	*3.937*	*1.102*	*1.102*	*2.480*		*1160*			
	ER20	1	1	7	C6-391.14-20 060	63.0	21.0	60.0	31.1	38.0	60.0	33.7	33.7	63.0	65°	80	0.80	0	20000
						2.480	*.827*	*2.362*	*1.224*	*1.496*	*2.362*	*1.327*	*1.327*	*2.480*		*1160*			
	ER25	1	1	2	C6-391.14-25 060	63.0	26.0	60.0	32.9	60.0		42.0	63.0		0°	80	0.90	0	20000
						2.480	*1.024*	*2.362*	*1.295*	*2.362*		*1.654*	*2.480*			*1160*			
	ER25	1	1	2	C6-391.14-25 100	63.0	26.0	100.0	75.0	100.0		42.0	63.0		0°	80	1.34	0	20000
						2.480	*1.024*	*3.937*	*2.953*	*3.937*		*1.654*	*2.480*			*1160*			
	ER25	1	1	7	C6-391.14-25 130	63.0	26.0	130.0	65.0	108.0	130.0	42.0	42.0	63.0	13°	80	1.90	0	20000
						2.480	*1.024*	*5.118*	*2.559*	*4.252*	*5.118*	*1.654*	*1.654*	*2.480*		*1160*			
	ER25	1	1	7	C6-391.14-25 160	63.0	26.0	160.0	65.0	138.0	160.0	42.0	42.0	63.0	8°	80	2.40	0	20000
						2.480	*1.024*	*6.299*	*2.559*	*5.433*	*6.299*	*1.654*	*1.654*	*2.480*		*1160*			
	ER32	1	1	2	C6-391.14-32 060	63.0	33.0	60.0	35.3	60.0		50.0	63.0		0°	80	0.90	0	20000
						2.480	*1.299*	*2.362*	*1.390*	*2.362*		*1.969*	*2.480*			*1160*			
	ER32	1	1	2	C6-391.14-32 100	63.0	33.0	100.0	75.0	100.0		50.0	63.0		0°	80	1.50	0	20000
						2.480	*1.299*	*3.937*	*2.953*	*3.937*		*1.969*	*2.480*			*1160*			
	ER32	1	1	7	C6-391.14-32 130	63.0	33.0	130.0	75.0	108.0	130.0	50.0	50.0	63.0	11°	80	2.40	0	20000
						2.480	*1.299*	*5.118*	*2.953*	*4.252*	*5.118*	*1.969*	*1.969*	*2.480*		*1160*			

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ISO 13399 Q1

CNSC CXSC Q35

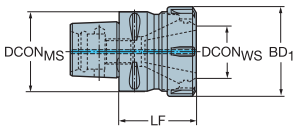
SANDVIK Coromant

Coromant Capto® to ER collet chuck

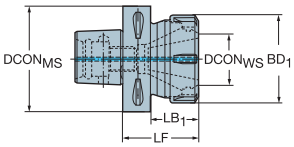
Workpiece side interface DIN 6499-B



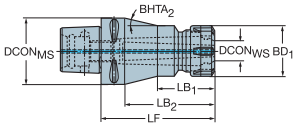
DSGN 1



2



7



						Dimensions, mm, inch										CP Bar/PSI	Kg		
CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LF	LB_1	LB_2	LB_3	BD_1	BD_2	BD_3	$BHTA_2$			BBD	RPMX
C6	ER40	1	1	1	C6-391.14-40 065	63.0	41.0	65.0	65.0			63.0				80	1.10	0	20000
						2.480	*1.614*	*2.559*	*2.559*			*2.480*				*1160*			
	ER40	1	1	1	C6-391.14-40 130	63.0	41.0	130.0	130.0			63.0				80	2.77	0	20000
						2.480	*1.614*	*5.118*	*5.118*			*2.480*				*1160*			
C8	ER20	1	1	2	C8-391.14-20 065	80.0	21.0	65.0	29.9	65.0		35.0	80.0		0°	80	1.30	0	14000
						3.150	*.827*	*2.559*	*1.177*	*2.559*		*1.378*	*3.150*			*1160*			
	ER25	1	1	2	C8-391.14-25 070	80.0	26.0	70.0	32.4	70.0		42.0	80.0		0°	80	1.70	0	14000
						3.150	*1.024*	*2.756*	*1.276*	*2.756*		*1.654*	*3.150*			*1160*			
	ER32	1	1	2	C8-391.14-32 070	80.0	33.0	70.0	35.0	70.0		50.0	80.0		0°	80	1.70	0	14000
						3.150	*1.299*	*2.756*	*1.378*	*2.756*		*1.969*	*3.150*			*1160*			
	ER32	1	1	7	C8-391.14-32 160	80.0	33.0	160.0	75.0	130.0	160.0	50.0	50.0	80.0	15°	80	4.10	0	14000
						3.150	*1.299*	*6.299*	*2.953*	*5.118*	*6.299*	*1.969*	*1.969*	*3.150*		*1160*			
	ER40	1	1	2	C8-391.14-40 070	80.0	41.0	70.0	38.0	70.0		63.0	80.0		0°	80	2.00	0	14000
						3.150	*1.614*	*2.756*	*1.496*	*2.756*		*2.480*	*3.150*			*1160*			
	ER40	1	1	7	C8-391.14-40 160	80.0	41.0	160.0	95.0	130.0	160.0	63.0	63.0	80.0	13°	80	4.60	0	14000
						3.150	*1.614*	*6.299*	*3.740*	*5.118*	*6.299*	*2.480*	*2.480*	*3.150*		*1160*			
	ER50	1	1	2	C8-391.14-50 080	80.0	52.0	80.0	50.0	80.0		78.0	80.0		0°	80	2.30	0	14000
						3.150	*2.047*	*3.150*	*1.969*	*3.150*		*3.071*	*3.150*			*1160*			
C10	ER32	1	1	7	C10-391.14-32 160	100.0	33.0	160.0	75.0	124.0	160.0	50.0	50.0	100.0	27°	80	5.69	0	10000
						3.937	*1.299*	*6.299*	*2.953*	*4.882*	*6.299*	*1.969*	*1.969*	*3.937*		*1160*			
	ER40	1	1	7	C10-391.14-40 160	100.0	41.0	160.0	95.0	124.0	160.0	63.0	63.0	100.0	32°	80	5.90	0	10000
						3.937	*1.614*	*6.299*	*3.740*	*4.882*	*6.299*	*2.480*	*2.480*	*3.937*		*1160*			
	ER50	1	1	7	C10-391.14-50 160	100.0	52.0	160.0	100.0	124.0	160.0	80.0	80.0	100.0	22°	80	6.57	0	10000
						3.937	*2.047*	*6.299*	*3.937*	*4.882*	*6.299*	*3.150*	*3.150*	*3.937*		*1160*			

 P20

 P44

ISO 13399 Q1

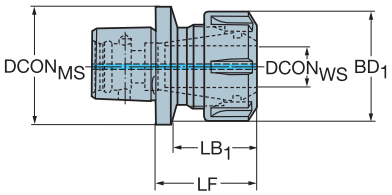
CNSC CXSC Q35

Coromant Capto® to ER collet chuck

Short design, for segment clamping only

Workpiece side interface DIN 6499-B





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD	RPMX
C3	ER20	1	1	**C3-391.14-20 036**	32.0	21.0	36.0	36.0		33.7		80	0.30	1	55000
					1.260	*.827*	*1.417*	*1.417*		*1.327*		*1160*			
C4	ER20	1	1	**C4-391.14-20 035**	40.0	21.0	35.0	27.0	35.0	33.7	40.0	80	0.20	1	39000
					1.575	*.827*	*1.378*	*1.063*	*1.378*	*1.327*	*1.575*	*1160*			
	ER25	1	1	**C4-391.14-25 038**	40.0	26.0	38.0	38.0		42.0		80	0.30	1	39000
					1.575	*1.024*	*1.496*	*1.496*		*1.654*		*1160*			
C5	ER32	1	1	**C5-391.14-32 045**	50.0	33.0	45.0	45.0		50.0		80	0.50	1	28000
					1.969	*1.299*	*1.772*	*1.772*		*1.969*		*1160*			


P20

ISO 13399 Q1

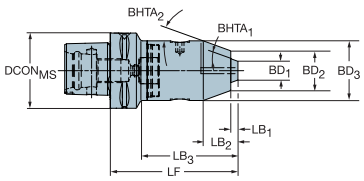
CNSC CXSC Q35

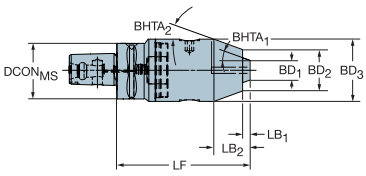
Coromant Capto® to drill chuck

Internal and external coolant supply

DSGN 16 8







CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	LF	LB$_1$	LB$_2$	LB$_3$	LB$_4$	BD$_1$	BD$_2$	BD$_3$	BD$_4$	BHTA$_1$	BHTA$_2$	CP Bar/PSI	Kg	BBD	RPMX
C3	8 - 1	1	1	8	C3-391.32-08 076	32.0	76.0	3.0	19.1	76.0		9.9	24.1	36.0		19°	20°	50	0.54	1	8000
						1.260	*2.992*	*.118*	*.752*	*2.992*		*.390*	*.949*	*1.417*				*725*			
	13 - 1	1	1	8	C3-391.32-13 102	32.0	96.0	6.0	22.2	102.0		15.7	38.1	50.0		19°	20°	50	1.26	1	8000
						1.260	*3.780*	*.236*	*.874*	*4.016*		*.618*	*1.500*	*1.969*				*725*			
C4	8 - 1	1	1	16	C4-391.32-08 077	40.0	77.0	3.0	19.1	55.8	77.0	9.9	24.1	36.0	40.0	19°	20°	50	0.64	1	8000
						1.575	*3.032*	*.118*	*.752*	*2.197*	*3.032*	*.390*	*.949*	*1.417*	*1.575*			*725*			
	13 - 1	1	1	8	C4-391.32-13 104	40.0	98.0	6.0	22.2	104.0		15.7	38.1	50.0		19°	20°	50	1.36	1	8000
						1.575	*3.858*	*.236*	*.874*	*4.094*		*.618*	*1.500*	*1.969*				*725*			
C5	8 - 1	1	1	16	C5-391.32-08 079	50.0	76.0	3.0	19.1	53.6	79.0	9.9	24.1	36.0	50.0	19°	20°	50	0.85	1	8000
						1.969	*2.992*	*.118*	*.752*	*2.110*	*3.110*	*.390*	*.949*	*1.417*	*1.969*			*725*			
	13 - 1	1	1	8	C5-391.32-13 103	50.0	97.0	6.0	22.2	103.0		15.7	38.1	50.0		19°	20°	50	1.53	1	8000
						1.969	*3.819*	*.236*	*.874*	*4.055*		*.618*	*1.500*	*1.969*				*725*			
C6	13 - 1	1	1	16	C6-391.32-13 107	63.0	101.0	6.0	22.2	79.8	107.0	15.7	38.1	50.0	63.0	19°	20°	50	1.80	1	8000
						2.480	*3.976*	*.236*	*.874*	*3.142*	*4.213*	*.618*	*1.500*	*1.969*	*2.480*			*725*			
	16 - 1	1	1	16	C6-391.32-16 112	63.0	106.0	6.0	22.2	88.4	112.0	15.7	45.1	57.0	63.0	19°	20°	50	2.10	1	8000
						2.480	*4.173*	*.236*	*.874*	*3.480*	*4.409*	*.618*	*1.776*	*2.244*	*2.480*			*725*			
C8	13 - 1	1	1	16	C8-391.32-13 112	80.0	106.0	6.0	22.2	77.1	112.0	15.7	38.1	50.0	80.0	19°	20°	50	2.80	1	8000
						3.150	*4.173*	*.236*	*.874*	*3.035*	*4.409*	*.618*	*1.500*	*1.969*	*3.150*			*725*			
	16 - 1	1	1	16	C8-391.32-16 117	80.0	111.0	6.0	31.2	84.2	117.0	15.7	38.1	57.0	80.0	19°	20°	50	3.10	1	8000
						3.150	*4.370*	*.236*	*1.230*	*3.315*	*4.606*	*.618*	*1.500*	*2.244*	*3.150*			*725*			

ISO 13399 Q1

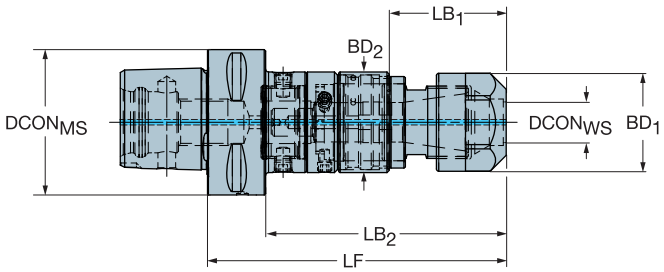
CNSC CXSC Q35

Coromant Capto® to CoroChuck™ 970

For synchronized tapping operations

Workpiece side interface DIN 6499-B



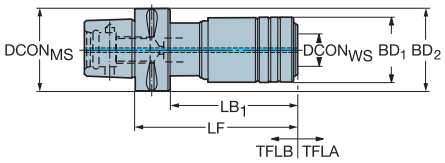


CZC$_{MS}$	CZC$_{WS}$	TRMAX	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	CP Bar/PSI	Kg	RPMX
C3	ER11	M5	1	1	970-C3-11-078	32.0	11.3	78.0	24.1	63.0	78.0	19.9	23.5	32.0	80	0.26	8000
						1.260	*.445*	*3.071*	*.949*	*2.480*	*3.071*	*.783*	*.925*	*1.260*	*1160*		
	ER20	M12	1	1	970-C3-20-102	32.0	20.8	102.2	40.3	102.2		33.7	34.6		80	0.60	8000
						1.260	*.819*	*4.024*	*1.587*	*4.024*		*1.327*	*1.362*		*1160*		
C4	ER11	M5	1	1	970-C4-11-080	40.0	11.3	80.0	24.1	60.0	80.0	19.9	23.5	40.0	80	0.40	8000
						1.575	*.445*	*3.150*	*.949*	*2.362*	*3.150*	*.783*	*.925*	*1.575*	*1160*		
	ER20	M12	1	1	970-C4-20-102	40.0	20.8	102.2	40.3	82.0	102.2	33.7	34.6	40.0	80	0.67	8000
						1.575	*.819*	*4.024*	*1.587*	*3.228*	*4.024*	*1.327*	*1.362*	*1.575*	*1160*		
	ER25	M20	1	1	970-C4-25-122	40.0	25.8	121.6	42.1	121.6		42.0	44.0		80	1.06	8000
						1.575	*1.016*	*4.787*	*1.657*	*4.787*		*1.654*	*1.732*		*1160*		
C5	ER20	M12	1	1	970-C5-20-103	50.0	20.8	102.7	40.3	82.7	102.7	33.7	34.6	50.0	80	0.85	8000
						1.969	*.819*	*4.043*	*1.587*	*3.256*	*4.043*	*1.327*	*1.362*	*1.969*	*1160*		
	ER25	M20	1	1	970-C5-25-122	50.0	25.8	122.1	42.1	102.1	122.1	42.0	44.0	50.0	80	1.24	8000
						1.969	*1.016*	*4.807*	*1.657*	*4.020*	*4.807*	*1.654*	*1.732*	*1.969*	*1160*		
	ER40	M30	1	1	970-C5-40-154	50.0	40.8	154.0	154.0			62.7			80	2.73	8000
						1.969	*1.606*	*6.063*	*6.063*			*2.469*			*1160*		
C6	ER20	M12	1	1	970-C6-20-105	63.0	20.8	104.7	40.3	82.7	104.7	33.7	34.6	63.0	80	1.20	8000
						2.480	*.819*	*4.122*	*1.587*	*3.256*	*4.122*	*1.327*	*1.362*	*2.480*	*1160*		
	ER25	M20	1	1	970-C6-25-124	63.0	25.8	124.1	42.1	102.1	124.1	42.0	44.0	63.0	80	1.60	8000
						2.480	*1.016*	*4.886*	*1.657*	*4.020*	*4.886*	*1.654*	*1.732*	*2.480*	*1160*		
	ER40	M30	1	1	970-C6-40-154	63.0	40.8	153.5	131.5	153.5		62.7	63.0		80	2.85	8000
						2.480	*1.606*	*6.043*	*5.177*	*6.043*		*2.469*	*2.480*		*1160*		
C8	ER20	M12	1	1	970-C8-20-112	80.0	20.8	111.7	40.3	81.7	111.7	33.7	34.6	80.0	80	2.16	8000
						3.150	*.819*	*4.398*	*1.587*	*3.217*	*4.398*	*1.327*	*1.362*	*3.150*	*1160*		
	ER25	M20	1	1	970-C8-25-131	80.0	25.8	131.1	42.1	101.1	131.1	42.0	44.0	80.0	80	2.55	8000
						3.150	*1.016*	*5.161*	*1.657*	*3.980*	*5.161*	*1.654*	*1.732*	*3.150*	*1160*		
	ER40	M30	1	1	970-C8-40-161	80.0	40.8	160.5	130.5	160.5		62.7	80.0		80	3.83	8000
						3.150	*1.606*	*6.319*	*5.138*	*6.319*		*2.469*	*3.150*		*1160*		
C10	ER25	M20	1	1	970-C10-25-143	100.0	25.8	143.1	42.1	107.1	143.1	42.0	44.0	100.0	80	4.16	8000
						3.937	*1.016*	*5.634*	*1.657*	*4.217*	*5.634*	*1.654*	*1.732*	*3.937*	*1160*		
	ER40	M30	1	1	970-C10-40-173	100.0	40.8	172.5	136.5	172.5		62.7	100.0		80	5.45	8000
						3.937	*1.606*	*6.791*	*5.374*	*6.791*		*2.469*	*3.937*		*1160*		

P28 P31 Q1 Q35 Q33

Coromant Capto® to quick change tapping chuck



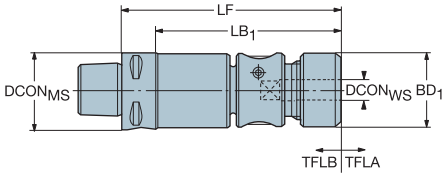


						Dimensions, mm, inch														
CZC_{MS}	CZC_{WS}	TRMAX	CNSC	CXSC	Ordering code	$DCON_{MS}$	$DCON_{WS}$	LF	LB_1	LB_2	LB_3	BD_1	BD_2	BD_3	TFLA	TFLB	CP Bar/PSI	Kg	RPMX
C3	1	M12	0	0	C3-391.60-01 080A	32.0	19.0	80.0	40.5	80.0		36.0	50.0		7	7		0.40	8000
						1.260	*.748*	*3.150*	*1.594*	*3.150*		*1.417*	*1.969*		*.295*	*.295*			
C4	1	M12	0	0	C4-391.60-01 080A	40.0	19.0	80.0	40.5	80.0		36.0	50.0		7	7		0.71	8000
						1.575	*.748*	*3.150*	*1.594*	*3.150*		*1.417*	*1.969*		*.295*	*.295*			
	1	M12	1	1	C4-391.61-01 096	40.0	19.0	96.0	75.0	96.0		39.0	40.0		7	7	80	1.08	8000
						1.575	*.748*	*3.780*	*2.953*	*3.780*		*1.535*	*1.575*		*.295*	*.295*	*1160*		
	2	M20	0	0	C4-391.60-02 110A	40.0	31.0	110.0	64.5	110.0		53.0	63.0		12	12		1.30	8000
						1.575	*1.220*	*4.331*	*2.539*	*4.331*		*2.087*	*2.480*		*.492*	*.492*			
C5	1	M12	0	0	C5-391.60-01 080A	50.0	19.0	80.0	40.5	80.0		36.0	50.0		7	7		1.00	8000
						1.969	*.748*	*3.150*	*1.594*	*3.150*		*1.417*	*1.969*		*.295*	*.295*			
	1	M12	1	1	C5-391.61-01 097	50.0	19.0	97.0	76.0	97.0		39.0	50.0		7	7	80	1.10	8000
						1.969	*.748*	*3.819*	*2.992*	*3.819*		*1.535*	*1.969*		*.295*	*.295*	*1160*		
	2	M20	0	0	C5-391.60-02 115A	50.0	31.0	115.0	64.5	115.0		53.0	63.0		12	12		1.70	8000
						1.969	*1.220*	*4.528*	*2.539*	*4.528*		*2.087*	*2.480*		*.492*	*.492*			
	2	M20	1	1	C5-391.61-02 129	50.0	31.0	129.0	129.0			60.0			10	10	80	2.10	8000
						1.969	*1.220*	*5.079*	*5.079*			*2.362*			*.394*	*.394*	*1160*		
C6	1	M12	0	0	C6-391.60-01 090A	63.0	19.0	90.0	40.5	90.0	66.5	36.0	50.0	50.0	7	7		1.33	8000
						2.480	*.748*	*3.543*	*1.594*	*3.543*	*2.618*	*1.417*	*1.969*	*1.969*	*.295*	*.295*			
	2	M20	0	0	C6-391.60-02 120A	63.0	31.0	120.0	64.5	120.0		53.0	63.0		12	12		2.40	8000
						2.480	*1.220*	*4.724*	*2.539*	*4.724*		*2.087*	*2.480*		*.492*	*.492*			
	2	M20	1	1	C6-391.61-02 131	63.0	31.0	131.0	108.0	131.0		60.0	63.0		10	10	80	2.40	8000
						2.480	*1.220*	*5.157*	*4.252*	*5.157*		*2.362*	*2.480*		*.394*	*.394*	*1160*		
	3	M33	0	0	C6-391.60-03 170A	63.0	48.0	170.0				78.0			20	20		3.36	8000
						2.480	*1.890*	*6.693*				*3.071*			*.787*	*.787*			
	3	M33	1	1	C6-391.61-03 196	63.0	48.0	196.0	196.0			86.0			17	17	80	4.50	8000
						2.480	*1.890*	*7.717*	*7.717*			*3.386*			*.689*	*.689*	*1160*		
C8	1	M12	0	0	C8-391.60-01 085A	80.0	19.0	85.0	40.5	85.0	56.0	36.0	80.0	50.0	7	7		2.43	8000
						3.150	*.748*	*3.346*	*1.594*	*3.346*	*2.205*	*1.417*	*3.150*	*1.969*	*.295*	*.295*			
	2	M20	0	0	C8-391.60-02 110A	80.0	31.0	110.0	64.5	110.0	80.0	53.0	63.0	63.0	12	12		3.30	8000
						3.150	*1.220*	*4.331*	*2.539*	*4.331*	*3.150*	*2.087*	*2.480*	*2.480*	*.492*	*.492*			
	3	M33	0	0	C8-391.60-03 160A	80.0	48.0	160.0	129.0	160.0		78.0	80.0		20	20		3.70	8000
						3.150	*1.890*	*6.299*	*5.079*	*6.299*		*3.071*	*3.150*		*.787*	*.787*			

P36 Q1 Q35

Coromant Capto® to floating rubber collet chuck



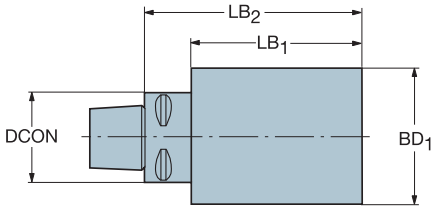


CZC$_{MS}$	CZC$_{WS}$	TRMAX	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	TFLA	TFLB	CP Bar/PSI	Kg	RPMX
C3	J42x	M12	1	0	**C3-391.60B-01 095A**	32.0	23.0	95.0	80.0	95.0	31.0	32.0	10	2	80	0.60	8000
						1.260	*.906*	*3.740*	*3.150*	*3.740*	*1.220*	*1.260*	*.394*	*.079*	*1160*		
C4	J44x	M16	1	0	**C4-391.60B-02 101A**	40.0	28.0	101.0	101.0		40.0		10	2	80	0.70	8000
						1.575	*1.102*	*3.976*	*3.976*		*1.575*		*.394*	*.079*	*1160*		
C5	J46x	M32	1	0	**C5-391.60B-03 158A**	50.0	44.0	158.0	158.0		56.4		10	2	80	2.34	8000
						1.969	*1.732*	*6.220*	*6.220*		*2.220*		*.394*	*.079*	*1160*		

P33 Q1 Q35

Steel blank with Coromant Capto® coupling





CZC_{MS}	Ordering code	Dimensions, mm, inch DCON	BD_1	LB_1	kg
C3	C3-391.50-32 090-B	32	32.0	90	0.6
		1.260	*1.260*	*3.543*	
	C3-391.50-60 090-B	32	60.0	75	1.6
		1.260	*2.362*	*2.953*	
C4	C4-391.50-40 120-B	40	40.0	120	1.3
		1.575	*1.575*	*4.724*	
	C4-391.50-80 120-B	40	80.0	100	3.2
		1.575	*3.150*	*3.937*	
C5	C5-391.50-50 150-B	50	50.0	150	2.3
		1.969	*1.969*	*5.906*	
	C5-391.50-95 150-B	50	95.0	130	6.1
		1.969	*3.740*	*5.118*	
C6	C6-391.50-120 180-B	63	120.0	158	6.2
		2.480	*4.724*	*6.220*	
	C6-391.50-63 180-B	63	63.0	180	3.3
		2.480	*2.480*	*7.087*	
C8	C8-391.50-145 200-B	80	145.0	169	1.0
		3.150	*5.709*	*6.654*	
	C8-391.50-80 200-B	80	80.0	200	6.5
		3.150	*3.150*	*7.874*	
C10	C10-391.50-100200-B	100	100.0	200	5.5
		3.937	*3.937*	*7.874*	
	C10-391.50-145200-B	100	145.0	162	136.1
		3.937	*5.709*	*6.409*	

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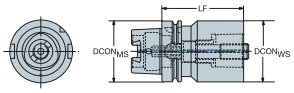
Q1

HSK to Coromant Capto® adaptor

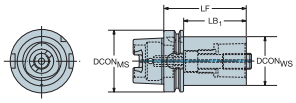
Machine side interface HSK A/C



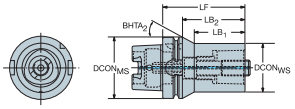
DSGN 1



2



7



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_2$	CP Bar/PSI	Kg	BBD
50	C3	1	1	2	C3-390.410-50 075A	50.0	32.0	75.0	49.0	75.0		32.0	50.0		0°	100	0.64	1
						1.969	*1.260*	*2.953*	*1.929*	*2.953*		*1.260*	*1.969*			*1450*		
	C4	1	1	2	C4-390.410-50 080A	50.0	40.0	80.0	54.0	80.0		40.0	50.0		0°	100	0.85	1
						1.969	*1.575*	*3.150*	*2.126*	*3.150*		*1.575*	*1.969*			*1450*		
63	C3	1	1	2	C3-390.410-63 075C	63.0	32.0	75.0	49.0	75.0		32.0	63.0		0°	100	1.30	1
						2.480	*1.260*	*2.953*	*1.929*	*2.953*		*1.260*	*2.480*			*1450*		
	C4	1	1	2	C4-390.410-63 080C	63.0	40.0	80.0	54.0	80.0		40.0	63.0		0°	100	1.66	1
						2.480	*1.575*	*3.150*	*2.126*	*3.150*		*1.575*	*2.480*			*1450*		
	C5	1	1	2	C5-390.410-63 090C	63.0	50.0	90.0	64.0	90.0		50.0	63.0		0°	100	1.50	1
						2.480	*1.969*	*3.543*	*2.520*	*3.543*		*1.969*	*2.480*			*1450*		
80	C4	1	1	2	C4-390.410-80 090	80.0	40.0	90.0	64.0	90.0		40.0	80.0		0°	100	1.63	0
						3.150	*1.575*	*3.543*	*2.520*	*3.543*		*1.575*	*3.150*			*1450*		
	C5	1	1	2	C5-390.410-80 095	80.0	50.0	95.0	69.0	95.0		50.0	80.0		0°	100	1.96	0
						3.150	*1.969*	*3.740*	*2.717*	*3.740*		*1.969*	*3.150*			*1450*		
	C6	1	1	2	C6-390.410-80 110	80.0	63.0	110.0	84.0	110.0		63.0	80.0		0°	100	2.74	0
						3.150	*2.480*	*4.331*	*3.307*	*4.331*		*2.480*	*3.150*			*1450*		
100	C3	1	1	7	C3-390.410-100 080A	100.0	32.0	80.0	43.0	51.0	80.0	32.0	32.0	100.0	45°	100	3.80	0
						3.937	*1.260*	*3.150*	*1.693*	*2.008*	*3.150*	*1.260*	*1.260*	*3.937*		*1450*		
	C4	1	1	2	C4-390.410-100 090A	100.0	40.0	90.0	61.0	90.0		40.0	100.0		0°	100	4.10	0
						3.937	*1.575*	*3.543*	*2.402*	*3.543*		*1.575*	*3.937*			*1450*		
	C5	1	1	2	C5-390.410-100 100A	100.0	50.0	100.0	71.0	100.0		50.0	100.0		0°	100	3.24	0
						3.937	*1.969*	*3.937*	*2.795*	*3.937*		*1.969*	*3.937*			*1450*		
	C6	1	1	2	C6-390.410-100 110A	100.0	63.0	110.0	81.0	110.0		63.0	100.0		0°	100	3.40	0
						3.937	*2.480*	*4.331*	*3.189*	*4.331*		*2.480*	*3.937*			*1450*		
	C8	1	1	2	C8-390.410-100 120A	100.0	80.0	120.0	91.0	120.0		80.0	100.0		0°	100	4.70	0
						3.937	*3.150*	*4.724*	*3.583*	*4.724*		*3.150*	*3.937*			*1450*		
	C10	1	1	1	C10-390.410-100 155	100.0	100.0	155.0	155.0			100.0				100	7.56	0
						3.937	*3.937*	*6.102*	*6.102*			*3.937*				*1450*		
125	C4	1	1	7	C4-390.410-125 095	125.0	40.0	95.0	46.0	66.0	95.0	40.0	40.0	125.0	45°	100	4.00	0
						4.921	*1.575*	*3.740*	*1.811*	*2.598*	*3.740*	*1.575*	*1.575*	*4.921*		*1450*		
	C5	1	1	7	C5-390.410-125 105	125.0	50.0	105.0	66.0	76.0	105.0	50.0	50.0	125.0	45°	100	4.33	0
						4.921	*1.969*	*4.134*	*2.598*	*2.992*	*4.134*	*1.969*	*1.969*	*4.921*		*1450*		
	C6	1	1	2	C6-390.410-125 120	125.0	63.0	120.0	91.0	120.0		63.0	125.0		0°	100	6.50	0
						4.921	*2.480*	*4.724*	*3.583*	*4.724*		*2.480*	*4.921*			*1450*		
	C8	1	1	2	C8-390.410-125 130	125.0	80.0	130.0	101.0	130.0		80.0	125.0		0°	100	6.50	0
						4.921	*3.150*	*5.118*	*3.976*	*5.118*		*3.150*	*4.921*			*1450*		
	C10	1	1	2	C10-390.410-125 160	125.0	100.0	160.0	131.0	160.0		100.0	125.0		0°	100	5.50	0
						4.921	*3.937*	*6.299*	*5.157*	*6.299*		*3.937*	*4.921*			*1450*		
160	C6	1	1	2	C6-390.410-160 125	160.0	63.0	125.0	94.0	125.0		63.0	160.0		0°	100	8.20	0
						6.299	*2.480*	*4.921*	*3.701*	*4.921*		*2.480*	*6.299*			*1450*		
	C8	1	1	2	C8-390.410-160 135	160.0	80.0	135.0	104.0	135.0		80.0	160.0		0°	100	9.60	0
						6.299	*3.150*	*5.315*	*4.094*	*5.315*		*3.150*	*6.299*			*1450*		
	C10	1	1	2	C10-390.410-160 160	160.0	100.0	160.0	129.0	160.0		100.0	160.0		0°	100	12.42	0
						6.299	*3.937*	*6.299*	*5.079*	*6.299*		*3.937*	*6.299*			*1450*		

A special coolant tube is delivered together with the HSK basic holders.

ISO 13399 Q1

CNSC CXSC Q35

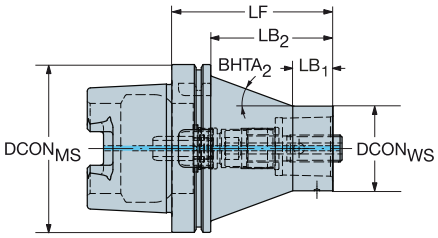
HSK to Coromant Capto® adaptor

Heavy Duty design

Machine side interface HSK A/C

DSGN 7





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_2$	CP Bar/PSI	Kg
100	C3	1	1	7	C3-390.410-100080HD	100.0	32.0	80.0	20.0	51.0	80.0	32.0	32.0	100.0	41°	100	2.83
						3.937	*1.260*	*3.150*	*.787*	*2.008*	*3.150*	*1.260*	*1.260*	*3.937*		*1450*	
	C4	1	1	7	C4-390.410-100090HD	100.0	40.0	90.0	20.0	61.0	90.0	40.0	40.0	100.0	29°	100	3.18
						3.937	*1.575*	*3.543*	*.787*	*2.402*	*3.543*	*1.575*	*1.575*	*3.937*		*1450*	
	C5	1	1	7	C5-390.410-100100HD	100.0	50.0	100.0	30.0	71.0	100.0	50.0	50.0	100.0	23°	100	3.47
						3.937	*1.969*	*3.937*	*1.181*	*2.795*	*3.937*	*1.969*	*1.969*	*3.937*		*1450*	
	C6	1	1	7	C6-390.410-100110HD	100.0	63.0	110.0	30.0	81.0	110.0	63.0	63.0	100.0	12°	100	4.11
						3.937	*2.480*	*4.331*	*1.181*	*3.189*	*4.331*	*2.480*	*2.480*	*3.937*		*1450*	
125	C4	1	1	7	C4-390.410-125095HD	125.0	40.0	95.0	20.0	66.0	95.0	40.0	40.0	125.0	36°	100	5.12
						4.921	*1.575*	*3.740*	*.787*	*2.598*	*3.740*	*1.575*	*1.575*	*4.921*		*1450*	
	C5	1	1	7	C5-390.410-125105HD	125.0	50.0	105.0	20.0	76.0	105.0	50.0	50.0	125.0	27°	100	5.70
						4.921	*1.969*	*4.134*	*.787*	*2.992*	*4.134*	*1.969*	*1.969*	*4.921*		*1450*	
	C6	1	1	7	C6-390.410-125120HD	125.0	63.0	120.0	30.0	91.0	120.0	63.0	63.0	125.0	20°	100	6.48
						4.921	*2.480*	*4.724*	*1.181*	*3.583*	*4.724*	*2.480*	*2.480*	*4.921*		*1450*	
	C8	1	1	7	C8-390.410-125130HD	125.0	80.0	130.0	30.0	101.0	130.0	80.0	80.0	125.0	11°	100	7.58
						4.921	*3.150*	*5.118*	*1.181*	*3.976*	*5.118*	*3.150*	*3.150*	*4.921*		*1450*	

A special coolant tube is delivered together with the HSK basic holders.

ISO 13399 Q1

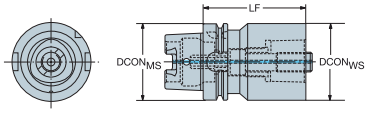
CNSC CXSC Q35

HSK to Coromant Capto® adaptor

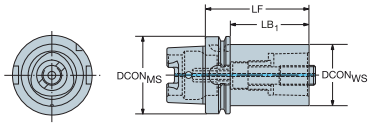
Machine side interface HSK A/C/T



DSGN 1



DSGN 2

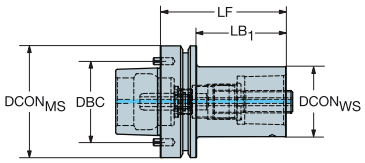


CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg
40	C3	1	1	2	C3-390.419-40 065	40.0	32.0	65.0	45.0	65.0	32.0	40.0	100	0.43
						1.575	*1.260*	*2.559*	*1.772*	*2.559*	*1.260*	*1.575*	*1450*	
	C4	1	1	1	C4-390.419-40 075	40.0	40.0	75.0	75.0		40.0		100	0.59
						1.575	*1.575*	*2.953*	*2.953*		*1.575*		*1450*	
63	C5	1	1	2	C5-390.419-63 090	63.0	50.0	90.0	64.0	90.0	50.0	63.0	100	1.43
						2.480	*1.969*	*3.543*	*2.520*	*3.543*	*1.969*	*2.480*	*1450*	
	C6	1	1	1	C6-390.419-63 110	63.0	63.0	110.0	110.0		63.0		100	2.12
						2.480	*2.480*	*4.331*	*4.331*		*2.480*		*1450*	
100	C6	1	1	2	C6-390.419-100 110	100.0	63.0	110.0	81.0	110.0	63.0	100.0	100	3.60
						3.937	*2.480*	*4.331*	*3.189*	*4.331*	*2.480*	*3.937*	*1450*	
	C8	1	1	2	C8-390.419-100 120	100.0	80.0	120.0	91.0	120.0	80.0	100.0	100	4.78
						3.937	*3.150*	*4.724*	*3.583*	*4.724*	*3.150*	*3.937*	*1450*	

Machine side interface HSK F with pins

DSGN 2





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DBC	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg
80	C5	1	1	2	C5-390.612-80 090	80.0	58.0	50.0	90.0	64.0	90.0	50.0	80.0	100	1.66
						3.150	*2.283*	*1.969*	*3.543*	*2.520*	*3.543*	*1.969*	*3.150*	*1450*	
	C6	1	1	2	C6-390.612-80 105	80.0	58.0	63.0	105.0	79.0	105.0	63.0	80.0	100	2.30
						3.150	*2.283*	*2.480*	*4.134*	*3.110*	*4.134*	*2.480*	*3.150*	*1450*	

A special coolant tube is delivered together with the HSK basic holders.
HSK80F - Compatible with the Makino MAG machine family 1, 3, 4, 7 - for aerospace frame aluminium machining

ISO 13399 Q1

CNSC CXSC Q35

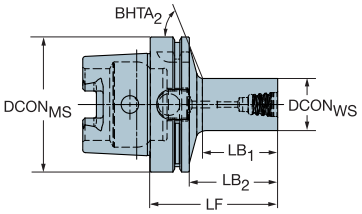
HSK to Coromant EH adaptor

Short design

Machine side interface HSK A/C



DSGN 7



Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_2$	CP Bar/PSI	Kg	BBD	RPMX
40	E10	1	1	7	392.410EH-40 10 040	40.0	9.6	40.0	13.0	20.0	40.0	9.6	9.6	40.0	59°	100	0.21	1	30000
						1.575	*.378*	*1.575*	*.512*	*.787*	*1.575*	*.378*	*.378*	*1.575*		*1450*			
	E12	1	1	7	392.410EH-40 12 043	40.0	11.6	43.0	16.3	23.0	43.0	11.6	11.6	40.0	58°	100	0.21	1	30000
						1.575	*.457*	*1.693*	*.642*	*.906*	*1.693*	*.457*	*.457*	*1.575*		*1450*			
	E16	1	1	7	392.410EH-40 16 048	40.0	15.4	48.0	21.9	28.0	48.0	15.4	15.4	40.0	55°	100	0.23	1	30000
						1.575	*.606*	*1.890*	*.862*	*1.102*	*1.890*	*.606*	*.606*	*1.575*		*1450*			
	E20	1	1	7	392.410EH-40 20 045	40.0	19.2	45.0	19.4	25.0	45.0	19.2	19.2	40.0	50°	100	0.23	1	30000
						1.575	*.756*	*1.772*	*.764*	*.984*	*1.772*	*.756*	*.756*	*1.575*		*1450*			
50	E10	1	1	7	392.410EH-50 10 047	50.0	9.6	47.0	13.0	21.0	47.0	9.6	9.6	50.0	63°	100	0.41	1	25000
						1.969	*.378*	*1.850*	*.512*	*.827*	*1.850*	*.378*	*.378*	*1.969*		*1450*			
	E12	1	1	7	392.410EH-50 12 050	50.0	11.6	50.0	16.3	24.0	50.0	11.6	11.6	50.0	62°	100	0.41	1	25000
						1.969	*.457*	*1.969*	*.642*	*.945*	*1.969*	*.457*	*.457*	*1.969*		*1450*			
	E16	1	1	7	392.410EH-50 16 055	50.0	15.4	55.0	21.8	29.0	55.0	15.4	15.4	50.0	60°	100	0.43	1	25000
						1.969	*.606*	*2.165*	*.858*	*1.142*	*2.165*	*.606*	*.606*	*1.969*		*1450*			
	E20	1	1	7	392.410EH-50 20 052	50.0	19.2	52.0	19.3	26.0	52.0	19.2	19.2	50.0	58°	100	0.43	1	25000
						1.969	*.756*	*2.047*	*.760*	*1.024*	*2.047*	*.756*	*.756*	*1.969*		*1450*			
	E25	1	1	7	392.410EH-50 25 057	50.0	24.1	57.0	24.9	31.0	57.0	24.1	24.1	50.0	54°	100	0.46	1	25000
						1.969	*.949*	*2.244*	*.980*	*1.220*	*2.244*	*.949*	*.949*	*1.969*		*1450*			
63	E10	1	1	7	392.410EH-63 10 049	63.0	9.6	49.0	13.5	23.0	49.0	9.6	9.6	63.0	66°	100	0.68	1	20500
						2.480	*.378*	*1.929*	*.531*	*.906*	*1.929*	*.378*	*.378*	*2.480*		*1450*			
	E12	1	1	7	392.410EH-63 12 051	63.0	11.6	51.0	15.8	25.0	51.0	11.6	11.6	63.0	65°	100	0.68	1	20500
						2.480	*.457*	*2.008*	*.622*	*.984*	*2.008*	*.457*	*.457*	*2.480*		*1450*			
	E16	1	1	7	392.410EH-63 16 056	63.0	15.4	56.0	21.3	30.0	56.0	15.4	15.4	63.0	65°	100	0.70	1	20500
						2.480	*.606*	*2.205*	*.839*	*1.181*	*2.205*	*.606*	*.606*	*2.480*		*1450*			
	E20	1	1	7	392.410EH-63 20 053	63.0	19.2	53.0	18.8	27.0	53.0	19.2	19.2	63.0	63°	100	0.70	1	20500
						2.480	*.756*	*2.087*	*.740*	*1.063*	*2.087*	*.756*	*.756*	*2.480*		*1450*			
	E25	1	1	7	392.410EH-63 25 059	63.0	24.1	59.0	25.5	33.0	59.0	24.1	24.1	63.0	61°	100	0.74	1	20500
						2.480	*.949*	*2.323*	*1.004*	*1.299*	*2.323*	*.949*	*.949*	*2.480*		*1450*			

P10 Q1 Q35 Q30

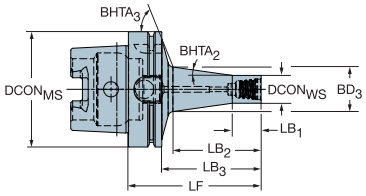
HSK to Coromant EH adaptor

Long design

Machine side interface HSK A/C



DSGN 15



Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	LB$_4$	BD$_1$	BD$_2$	BD$_3$	BD$_4$	BHTA$_2$	CP Bar/PSI	Kg	BBD	RPMX
40	E10	1	1	15	392.410EH-40 10 054	40.0	9.6	54.0	10.0	28.5	34.0	54.0	9.6	9.6	14.8	40.0	8°	100	0.22	1	30000
						1.575	*.378*	*2.126*	*.394*	*1.122*	*1.339*	*2.126*	*.378*	*.378*	*.583*	*1.575*		*1450*			
	E12	1	1	15	392.410EH-40 12 059	40.0	11.6	59.0	12.0	33.9	39.0	59.0	11.6	11.6	17.7	40.0	8°	100	0.24	1	30000
						1.575	*.457*	*2.323*	*.472*	*1.335*	*1.535*	*2.323*	*.457*	*.457*	*.697*	*1.575*		*1450*			
	E16	1	1	15	392.410EH-40 16 070	40.0	15.4	70.0	16.0	45.7	50.0	70.0	15.4	15.4	23.7	40.0	8°	100	0.29	1	30000
						1.575	*.606*	*2.756*	*.630*	*1.799*	*1.969*	*2.756*	*.606*	*.606*	*.933*	*1.575*		*1450*			
50	E10	1	1	15	392.410EH-50 10 061	50.0	9.6	61.0	10.0	28.4	35.0	61.0	9.6	9.6	14.8	50.0	8°	100	0.42	1	25000
						1.969	*.378*	*2.402*	*.394*	*1.118*	*1.378*	*2.402*	*.378*	*.378*	*.583*	*1.969*		*1450*			
	E12	1	1	15	392.410EH-50 12 066	50.0	11.6	66.0	12.0	33.8	40.0	66.0	11.6	11.6	17.7	50.0	8°	100	0.44	1	25000
						1.969	*.457*	*2.598*	*.472*	*1.331*	*1.575*	*2.598*	*.457*	*.457*	*.697*	*1.969*		*1450*			
	E16	1	1	15	392.410EH-50 16 077	50.0	15.4	77.0	16.0	45.6	51.0	77.0	15.4	15.4	23.7	50.0	8°	100	0.49	1	25000
						1.969	*.606*	*3.032*	*.630*	*1.795*	*2.008*	*3.032*	*.606*	*.606*	*.933*	*1.969*		*1450*			
	E20	1	1	15	392.410EH-50 20 090	50.0	19.2	90.0	20.0	59.5	64.0	90.0	19.2	19.2	30.3	50.0	8°	100	0.59	1	25000
						1.969	*.756*	*3.543*	*.787*	*2.343*	*2.520*	*3.543*	*.756*	*.756*	*1.193*	*1.969*		*1450*			
63	E10	1	1	15	392.410EH-63 10 062	63.0	9.6	62.0	10.0	27.9	36.0	62.0	9.6	9.6	14.6	63.0	8°	100	0.70	1	20500
						2.480	*.378*	*2.441*	*.394*	*1.098*	*1.417*	*2.441*	*.378*	*.378*	*.575*	*2.480*		*1450*			
	E12	1	1	15	392.410EH-63 12 068	63.0	11.6	68.0	12.0	34.3	42.0	68.0	11.6	11.6	17.9	63.0	8°	100	0.71	1	20500
						2.480	*.457*	*2.677*	*.472*	*1.350*	*1.654*	*2.677*	*.457*	*.457*	*.705*	*2.480*		*1450*			
	E16	1	1	15	392.410EH-63 16 078	63.0	15.4	78.0	16.0	45.1	52.0	78.0	15.4	15.4	23.6	63.0	8°	100	0.76	1	20500
						2.480	*.606*	*3.071*	*.630*	*1.776*	*2.047*	*3.071*	*.606*	*.606*	*.929*	*2.480*		*1450*			
	E20	1	1	15	392.410EH-63 20 091	63.0	19.2	91.0	20.0	59.0	65.0	91.0	19.2	19.2	30.1	63.0	8°	100	0.85	1	20500
						2.480	*.756*	*3.583*	*.787*	*2.323*	*2.559*	*3.583*	*.756*	*.756*	*1.185*	*2.480*		*1450*			
	E25	1	1	15	392.410EH-63 25 105	63.0	24.1	105.0	25.0	74.0	79.0	105.0	24.1	24.1	37.6	63.0	8°	100	1.03	1	20500
						2.480	*.949*	*4.134*	*.984*	*2.913*	*3.110*	*4.134*	*.949*	*.949*	*1.480*	*2.480*		*1450*			
100	E20	1	1	15	392.410EH-100 20 100	100.0	19.2	100.0	20.0	60.3	71.0	100.0	19.2	19.2	30.5	100.0	8°	100	2.34	0	12500
						3.937	*.756*	*3.937*	*.787*	*2.374*	*2.795*	*3.937*	*.756*	*.756*	*1.201*	*3.937*		*1450*			
	E25	1	1	15	392.410EH-100 25 115	100.0	24.1	115.0	25.0	76.4	86.0	115.0	24.1	24.1	38.6	100.0	8°	100	2.53	0	12500
						3.937	*.949*	*4.528*	*.984*	*3.008*	*3.386*	*4.528*	*.949*	*.949*	*1.520*	*3.937*		*1450*			

P10 Q1 Q35 Q30

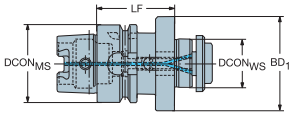
HSK to arbor adaptor

Coolant through arbor

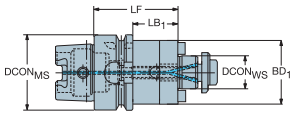
Machine side interface HSK A/C



DSGN 1



2



Metric pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DBC	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD
40	22	1	4	1	392.41005C-4022050	40.0		22.0	50.0	50.0		48.0		80	0.58	1
						1.575		*.866*	*1.969*	*1.969*		*1.890*		*1160*		
50	22	1	4	2	392.41005C-5022060	50.0		22.0	60.0	34.0	60.0	48.0	50.0	80	0.88	1
						1.969		*.866*	*2.362*	*1.339*	*2.362*	*1.890*	*1.969*	*1160*		
63	16	1	4	2	392.41005C6316050	63.0		16.0	50.0	24.0	50.0	32.0	63.0	80	0.82	1
						2.480		*.630*	*1.969*	*.945*	*1.969*	*1.260*	*2.480*	*1160*		
	22	1	4	2	392.41005C6322050	63.0		22.0	50.0	24.0	50.0	50.0	63.0	80	1.10	1
						2.480		*.866*	*1.969*	*.945*	*1.969*	*1.969*	*2.480*	*1160*		
	27	1	4	2	392.41005C6327060	63.0		27.0	60.0	24.0	60.0	60.0	63.0	80	1.41	1
						2.480		*1.063*	*2.362*	*.945*	*2.362*	*2.362*	*2.480*	*1160*		
	32	1	4	1	392.41005C6332060	63.0		32.0	60.0	60.0		78.0		80	1.74	1
						2.480		*1.260*	*2.362*	*2.362*		*3.071*		*1160*		
	40S	1	4	1	392.41005C6340060M	63.0	66.7	40.0	60.0	60.0		87.0		80	2.04	1
						2.480	*2.626*	*1.575*	*2.362*	*2.362*		*3.425*		*1160*		
100	22	1	4	2	392.41005C10022100	100.0		22.0	100.0	71.0	100.0	50.0	100.0	80	3.10	1
						3.937		*.866*	*3.937*	*2.795*	*3.937*	*1.969*	*3.937*	*1160*		
	27	1	4	2	392.41005C10027100	100.0		27.0	100.0	71.0	100.0	60.0	100.0	80	3.60	1
						3.937		*1.063*	*3.937*	*2.795*	*3.937*	*2.362*	*3.937*	*1160*		
	32	1	4	2	392.41005C10032100	100.0		32.0	100.0	71.0	100.0	78.0	100.0	80	4.76	1
						3.937		*1.260*	*3.937*	*2.795*	*3.937*	*3.071*	*3.937*	*1160*		
	40S	1	4	2	392.41005C10040100M	100.0	66.7	40.0	100.0	71.0	100.0	87.0	100.0	80	5.51	1
						3.937	*2.626*	*1.575*	*3.937*	*2.795*	*3.937*	*3.425*	*3.937*	*1160*		
125	32	1	4	2	392.41005C12532100	125.0		32.0	100.0	71.0	100.0	78.0	125.0	80	6.00	1
						4.921		*1.260*	*3.937*	*2.795*	*3.937*	*3.071*	*4.921*	*1160*		
	40S	1	4	2	392.41005C12540100M	125.0	66.7	40.0	100.0	71.0	100.0	87.0	125.0	80	6.80	1
						4.921	*2.626*	*1.575*	*3.937*	*2.795*	*3.937*	*3.425*	*4.921*	*1160*		

 P10

ISO 13399 Q1

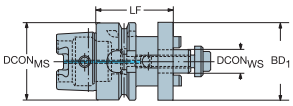
CNSC CXSC Q35

HSK to arbor adaptor

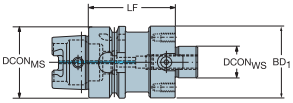
Machine side interface HSK A/C



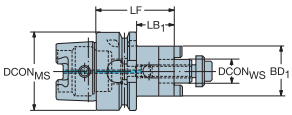
DSGN 1



1



2



Metric pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DBC	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	Kg	BBD
63	16	0	0	2	392.41005-63 16 050	63.0		16.0	50.0	24.0	50.0	32.0	63.0	1.02	1
						2.480		*.630*	*1.969*	*.945*	*1.969*	*1.260*	*2.480*		
	22	0	0	2	392.41005-63 22 050B	63.0		22.0	50.0	24.0	50.0	50.0	63.0	1.23	1
						2.480		*.866*	*1.969*	*.945*	*1.969*	*1.969*	*2.480*		
	27	0	0	2	392.41005-63 27 060B	63.0		27.0	60.0	34.0	60.0	50.0	63.0	1.50	1
						2.480		*1.063*	*2.362*	*1.339*	*2.362*	*1.969*	*2.480*		
	32	0	0	1	392.41005-63 32 060B	63.0		32.0	60.0	60.0		63.0		1.50	1
						2.480		*1.260*	*2.362*	*2.362*		*2.480*			
	40S	0	0	1	392.41005-63 40 060M	63.0	66.7	40.0	60.0	60.0		87.0		2.04	1
						2.480	*2.626*	*1.575*	*2.362*	*2.362*		*3.425*			
100	22	0	0	2	392.41005-100 22 050A	100.0		22.0	50.0	21.0	50.0	50.0	100.0	2.80	1
						3.937		*.866*	*1.969*	*.827*	*1.969*	*1.969*	*3.937*		
	22	0	0	2	392.41005-10022100	100.0		22.0	100.0	71.0	100.0	50.0	100.0	4.40	1
						3.937		*.866*	*3.937*	*2.795*	*3.937*	*1.969*	*3.937*		
	27	0	0	2	392.41005-100 27 050A	100.0		27.0	50.0	21.0	50.0	50.0	100.0	2.80	1
						3.937		*1.063*	*1.969*	*.827*	*1.969*	*1.969*	*3.937*		
	27	0	0	2	392.41005-10027100	100.0		27.0	100.0	71.0	100.0	50.0	100.0	4.40	1
						3.937		*1.063*	*3.937*	*2.795*	*3.937*	*1.969*	*3.937*		
	32	0	0	2	392.41005-100 32 050A	100.0		32.0	50.0	21.0	50.0	63.0	100.0	2.80	1
						3.937		*1.260*	*1.969*	*.827*	*1.969*	*2.480*	*3.937*		
	32	0	0	2	392.41005-10032100	100.0		32.0	100.0	71.0	100.0	63.0	100.0	6.00	1
						3.937		*1.260*	*3.937*	*2.795*	*3.937*	*2.480*	*3.937*		
	40S	0	0	2	392.41005-100 40 060M	100.0	66.7	40.0	60.0	31.0	60.0	87.0	100.0	3.71	1
						3.937	*2.626*	*1.575*	*2.362*	*1.220*	*2.362*	*3.425*	*3.937*		
	40S	0	0	2	392.41005-100 40 100M	100.0	66.7	40.0	100.0	71.0	100.0	87.0	100.0	5.54	1
						3.937	*2.626*	*1.575*	*3.937*	*2.795*	*3.937*	*3.425*	*3.937*		
	60	0	0	1	392.41005-10060075	100.0	101.6	60.0	75.0	75.0		130.0		13.80	1
						3.937	*4.000*	*2.362*	*2.953*	*2.953*		*5.118*			
125	60	0	0	1	392.41005-12560085	125.0	101.6	60.0	85.0	85.0		130.0		9.15	1
						4.921	*4.000*	*2.362*	*3.346*	*3.346*		*5.118*			

P10 Q1 Q35

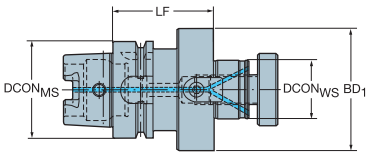
HSK to arbor adaptor

Coolant through arbor

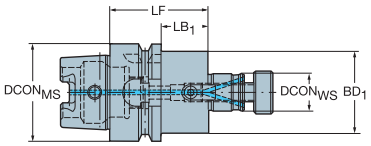
Machine side interface HSK A/C



DSGN 1



2



Inch pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DBC	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD
63	3/4	1	4	2	A392.41005C6319050	63.0		19.1	50.0	24.0	50.0	43.0	63.0	80	0.96	1
						2.480		*.750*	*1.969*	*.945*	*1.969*	*1.693*	*2.480*	*1160*		
	1	1	4	2	A392.41005C6325060	63.0		25.4	60.0	34.0	60.0	50.0	63.0	80	1.26	1
						2.480		*1.000*	*2.362*	*1.339*	*2.362*	*1.969*	*2.480*	*1160*		
	1 1/2	1	4	1	A392.41005C6338065M	63.0	66.7	38.1	65.0	65.0		87.0		80	2.19	1
						2.480	*2.626*	*1.500*	*2.559*	*2.559*		*3.425*		*1160*		
100	3/4	1	4	2	A392.41005C10019100	100.0		19.1	100.0	71.0	100.0	43.0	100.0	80	2.80	1
						3.937		*.750*	*3.937*	*2.795*	*3.937*	*1.693*	*3.937*	*1160*		
	1	1	4	2	A392.41005C10025100	100.0		25.4	100.0	71.0	100.0	50.0	100.0	80	3.14	1
						3.937		*1.000*	*3.937*	*2.795*	*3.937*	*1.969*	*3.937*	*1160*		
	1 1/2	1	4	2	A392.41005C10038100M	100.0	66.7	38.1	100.0	71.0	100.0	87.0	100.0	80	5.46	1
						3.937	*2.626*	*1.500*	*3.937*	*2.795*	*3.937*	*3.425*	*3.937*	*1160*		
125	1	1	4	2	A392.41005C12525100	125.0		25.4	100.0	71.0	100.0	50.0	125.0	80	4.40	1
						4.921		*1.000*	*3.937*	*2.795*	*3.937*	*1.969*	*4.921*	*1160*		
	1 1/2	1	4	2	A392.41005C12538100M	125.0	66.7	38.1	100.0	71.0	100.0	87.0	125.0	80	6.75	1
						4.921	*2.626*	*1.500*	*3.937*	*2.795*	*3.937*	*3.425*	*4.921*	*1160*		

 P10

 Q1

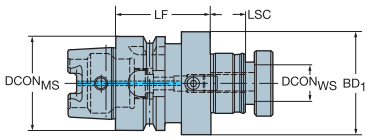
 Q35

HSK to arbor adaptor

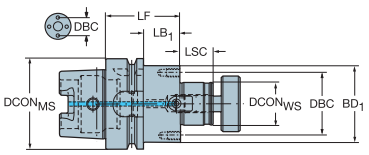
Machine side interface HSK A/C



DSGN 1



2



Inch pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DBC	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	Kg	BBD
63	3/4	0	0	2	A392.41005-63 19 050B	63.0		19.1	50.0	24.0	50.0	43.0	63.0	1.06	1
						2.480		*.750*	*1.969*	*.945*	*1.969*	*1.693*	*2.480*		
	1	0	0	2	A392.41005-63 25 060B	63.0		25.4	60.0	34.0	60.0	50.0	63.0	1.30	1
						2.480		*1.000*	*2.362*	*1.339*	*2.362*	*1.969*	*2.480*		
	1 1/2	0	0	1	A392.41005-63 38 065M	63.0	66.7	38.1	65.0	65.0		87.0		2.19	1
						2.480	*2.626*	*1.500*	*2.559*	*2.559*		*3.425*			
100	3/4	0	0	2	A392.41005-100 19 050A	100.0		19.1	50.0	21.0	50.0	42.0	100.0	2.18	1
						3.937		*.750*	*1.969*	*.827*	*1.969*	*1.654*	*3.937*		
	1	0	0	2	A392.41005-100 25 050A	100.0		25.4	50.0	21.0	50.0	50.0	100.0	2.18	1
						3.937		*1.000*	*1.969*	*.827*	*1.969*	*1.969*	*3.937*		
	1 1/2	0	0	2	A392.41005-100 38 060M	100.0	66.7	38.1	60.0	31.0	60.0	87.0	100.0	3.66	1
						3.937	*2.626*	*1.500*	*2.362*	*1.220*	*2.362*	*3.425*	*3.937*		
	2 1/2	0	0	1	A392.41005-10063075	100.0	101.6	63.5	75.0	75.0		130.0		6.46	1
						3.937	*4.000*	*2.500*	*2.953*	*2.953*		*5.118*			
125	2 1/2	0	0	1	A392.41005-12563085	125.0	101.6	63.5	85.0	85.0		130.0		9.23	1
						4.921	*4.000*	*2.500*	*3.346*	*3.346*		*5.118*			

P10 Q1 Q35

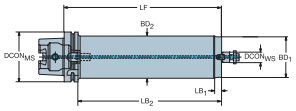
HSK to arbor dampened adaptor

Coolant through arbor

Machine side interface HSK A/C

DSGN 5





SilentTools®

Metric pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	CP Bar/PSI	Kg	RPMX
63	16	1	4	5	392.41005CD6316160	63.0	16.0	160.0	12.0	134.0	160.0	38.2	40.0	63.0	20	2.10	10000
						2.480	*.630*	*6.299*	*.472*	*5.276*	*6.299*	*1.504*	*1.575*	*2.480*	*290*		
	16	1	4	5	392.41005CD6316230	63.0	16.0	230.0	12.0	204.0	230.0	38.2	40.0	63.0	20	2.70	7000
						2.480	*.630*	*9.055*	*.472*	*8.032*	*9.055*	*1.504*	*1.575*	*2.480*	*290*		
	22	1	4	5	392.41005CD6322210	63.0	22.0	210.0	13.0	184.0	210.0	46.2	50.0	63.0	20	4.20	10000
						2.480	*.866*	*8.268*	*.512*	*7.244*	*8.268*	*1.819*	*1.969*	*2.480*	*290*		
	22	1	4	5	392.41005CD6322300	63.0	22.0	300.0	13.0	274.0	300.0	46.2	50.0	63.0	20	5.40	7000
						2.480	*.866*	*11.811*	*.512*	*10.787*	*11.811*	*1.819*	*1.969*	*2.480*	*290*		
100	22	1	4	5	392.41005CD10022230	100.0	22.0	230.0	13.0	201.0	230.0	46.2	63.0	100.0	20	7.40	10000
						3.937	*.866*	*9.055*	*.512*	*7.913*	*9.055*	*1.819*	*2.480*	*3.937*	*290*		
	22	1	4	5	392.41005CD10022340	100.0	22.0	340.0	13.0	311.0	340.0	46.2	63.0	100.0	20	10.80	7000
						3.937	*.866*	*13.386*	*.512*	*12.244*	*13.386*	*1.819*	*2.480*	*3.937*	*290*		
	27	1	4	5	392.41005CD10027230	100.0	27.0	230.0	13.8	201.0	230.0	53.7	63.0	100.0	20	7.50	10000
						3.937	*1.063*	*9.055*	*.543*	*7.913*	*9.055*	*2.114*	*2.480*	*3.937*	*290*		
	27	1	4	5	392.41005CD10027340	100.0	27.0	340.0	13.8	311.0	340.0	53.7	63.0	100.0	20	10.90	7000
						3.937	*1.063*	*13.386*	*.543*	*12.244*	*13.386*	*2.114*	*2.480*	*3.937*	*290*		

Inch pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	CP Bar/PSI	Kg	RPMX
63	3/4	1	4	5	A392.41005CD6319210	63.0	19.1	210.0	11.1	181.0	210.0	47.2	50.0	63.0	20	4.20	10000
						2.480	*.750*	*8.268*	*.437*	*7.126*	*8.268*	*1.858*	*1.969*	*2.480*	*290*		
	3/4	1	4	5	A392.41005CD6319300	63.0	19.1	300.0	11.7	271.0	300.0	47.1	50.0	63.0	20	5.40	7000
						2.480	*.750*	*11.811*	*.461*	*10.669*	*11.811*	*1.854*	*1.969*	*2.480*	*290*		
100	1	1	4	5	A392.4105CD10025230	100.0	25.4	230.0	10.8	196.0	230.0	54.1	63.0	100.0	20	7.50	10000
						3.937	*1.000*	*9.055*	*.425*	*7.717*	*9.055*	*2.130*	*2.480*	*3.937*	*290*		
	1	1	4	5	A392.4105CD10025340	100.0	25.4	340.0	10.8	306.0	340.0	54.1	63.0	100.0	20	10.90	7000
						3.937	*1.000*	*13.386*	*.425*	*12.047*	*13.386*	*2.130*	*2.480*	*3.937*	*290*		

 P19

 P10

ISO 13399 Q1

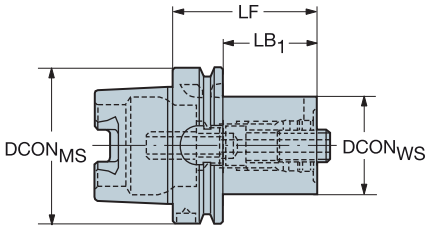
CNSC CXSC Q35

HSK to VL adaptor

Machine side interface HSK A/C



DSGN 2



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg
100	80	1	1	2	**390.410-100 80 090**	100.0	80.0	90.0	61.0	90.0	80.0	100.0	100	12.90
						3.937	*3.150*	*3.543*	*2.402*	*3.543*	*3.150*	*3.937*	*1450*	

A special coolant tube is delivered together with the HSK basic holders.

P42 Q1 Q35

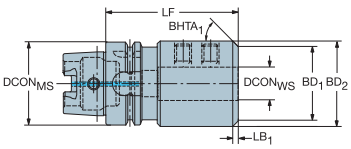
HSK to Weldon adaptor

Machine side interface HSK A/C

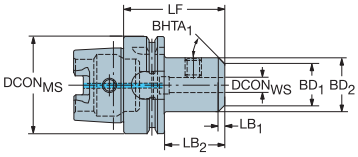
Workpiece side interface DIN 6535-HB and DIN 1835-B



DSGN 3



DSGN 6



Metric bore

CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LF	LB_1	LB_2	LB_3	BD_1	BD_2	BD_3	$BHTA_1$	CP Bar/PSI	Kg	BBD
63	8	1	1	6	392.41020-63 08 065B	63.0	8.0	65.0	2.0	39.0	65.0	24.0	28.0	63.0	45°	20	1.02	1
						2.480	*.315*	*2.559*	*.079*	*1.535*	*2.559*	*.945*	*1.102*	*2.480*		*290*		
	10	1	1	6	392.41020-63 10 065B	63.0	10.0	65.0	2.0	39.0	65.0	31.0	35.0	63.0	45°	20	1.02	1
						2.480	*.394*	*2.559*	*.079*	*1.535*	*2.559*	*1.220*	*1.378*	*2.480*		*290*		
	12	1	1	6	392.41020-63 12 080B	63.0	12.0	80.0	2.0	54.0	80.0	38.0	42.0	63.0	45°	20	1.24	1
						2.480	*.472*	*3.150*	*.079*	*2.126*	*3.150*	*1.496*	*1.654*	*2.480*		*290*		
	16	1	1	6	392.41020-63 16 080B	63.0	16.0	80.0	2.0	54.0	80.0	44.0	48.0	63.0	45°	20	1.50	1
						2.480	*.630*	*3.150*	*.079*	*2.126*	*3.150*	*1.732*	*1.890*	*2.480*		*290*		
	20	1	1	6	392.41020-63 20 080B	63.0	20.0	80.0	4.0	54.0	80.0	44.0	52.0	63.0	45°	20	1.50	1
						2.480	*.787*	*3.150*	*.157*	*2.126*	*3.150*	*1.732*	*2.047*	*2.480*		*290*		
	25	1	1	3	392.41020-63 25 110B	63.0	25.0	110.0	5.0	110.0		55.0	65.0		45°	20	2.86	1
						2.480	*.984*	*4.331*	*.197*	*4.331*		*2.165*	*2.559*			*290*		
	32	1	1	3	392.41020-63 32 110B	63.0	32.0	110.0	5.0	110.0		62.0	72.0		45°	20	2.87	1
						2.480	*1.260*	*4.331*	*.197*	*4.331*		*2.441*	*2.835*			*290*		
100	12	1	1	6	392.41020-100 12 080A	100.0	12.0	80.0	5.0	51.0	80.0	32.0	42.0	100.0	45°	20	2.81	1
						3.937	*.472*	*3.150*	*.197*	*2.008*	*3.150*	*1.260*	*1.654*	*3.937*		*290*		
	16	1	1	6	392.41020-100 16 100A	100.0	16.0	100.0	5.0	71.0	100.0	32.0	42.0	100.0	45°	20	3.00	1
						3.937	*.630*	*3.937*	*.197*	*2.795*	*3.937*	*1.260*	*1.654*	*3.937*		*290*		
	20	1	1	6	392.41020-100 20 100A	100.0	20.0	100.0	5.0	71.0	100.0	42.0	52.0	100.0	45°	20	4.40	1
						3.937	*.787*	*3.937*	*.197*	*2.795*	*3.937*	*1.654*	*2.047*	*3.937*		*290*		
	25	1	1	6	392.41020-100 25 100A	100.0	25.0	100.0	8.0	71.0	100.0	49.0	65.0	100.0	45°	20	4.40	1
						3.937	*.984*	*3.937*	*.315*	*2.795*	*3.937*	*1.929*	*2.559*	*3.937*		*290*		
	32	1	1	6	392.41020-100 32 100A	100.0	32.0	100.0	8.0	71.0	100.0	56.0	72.0	100.0	45°	20	4.00	1
						3.937	*1.260*	*3.937*	*.315*	*2.795*	*3.937*	*2.205*	*2.835*	*3.937*		*290*		
	40	1	1	6	392.41020-100 40 120A	100.0	40.0	120.0	8.0	91.0	120.0	74.0	90.0	100.0	45°	20	14.20	1
						3.937	*1.575*	*4.724*	*.315*	*3.583*	*4.724*	*2.913*	*3.543*	*3.937*		*290*		


P10

ISO 13399 Q1

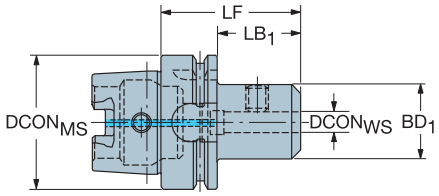
CNSC CXSC Q35

HSK to Weldon adaptor

Machine side interface HSK A/C

Workpiece side interface ANSI B94.19





Inch bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	LB$_4$	BD$_1$	BD$_2$	BD$_3$	BD$_4$	BHTA$_1$	CP Bar/PSI	Kg	BBD
63	3/4	1	1	A392.41020-63 19 080B	63.0	19.1	80.0	7.5	54.0	80.0		35.8	44.5	63.0		30°	20	3.10	1
					2.480	*.750*	*3.150*	*.295*	*2.126*	*3.150*		*1.409*	*1.752*	*2.480*			*290*		
	1	1	1	A392.41020-63 25 105B	63.0	25.4	105.0	7.5	79.0	105.0		48.4	57.1	63.0		30°	20	3.10	1
					2.480	*1.000*	*4.134*	*.295*	*3.110*	*4.134*		*1.906*	*2.248*	*2.480*			*290*		
	1 1/4	1	1	A392.41020-63 31 105B	63.0	31.8	105.0	7.5	105.0			54.3	63.0			30°	20	3.10	1
					2.480	*1.250*	*4.134*	*.295*	*4.134*			*2.138*	*2.480*				*290*		
100	3/4	1	1	A392.41020-100 19 090A	100.0	19.1	90.0	7.5	53.3	61.0	90.0	35.8	44.5	44.5	100.0	30°	20	5.00	1
					3.937	*.750*	*3.543*	*.295*	*2.098*	*2.402*	*3.543*	*1.409*	*1.752*	*1.752*	*3.937*		*290*		
	1	1	1	A392.41020-100 25 100A	100.0	25.4	100.0	7.5	66.3	71.0	100.0	48.4	57.1	57.1	100.0	30°	20	5.02	1
					3.937	*1.000*	*3.937*	*.295*	*2.610*	*2.795*	*3.937*	*1.906*	*2.248*	*2.248*	*3.937*		*290*		
	1 1/4	1	1	A392.41020-100 31 100A	100.0	31.8	100.0	7.5	71.0	100.0		54.3	63.0	100.0		30°	20	5.03	1
					3.937	*1.250*	*3.937*	*.295*	*2.795*	*3.937*		*2.138*	*2.480*	*3.937*			*290*		
	1 1/2	1	1	A392.41020-100 38 110A	100.0	38.1	110.0	7.5	81.0	110.0		61.3	70.0	100.0		30°	20	5.07	1
					3.937	*1.500*	*4.331*	*.295*	*3.189*	*4.331*		*2.413*	*2.756*	*3.937*			*290*		
	2	1	1	A392.41020-100 50 130A	100.0	50.8	130.0	7.5	101.0	130.0		84.8	93.5	100.0		30°	20	5.08	1
					3.937	*2.000*	*5.118*	*.295*	*3.976*	*5.118*		*3.339*	*3.681*	*3.937*			*290*		

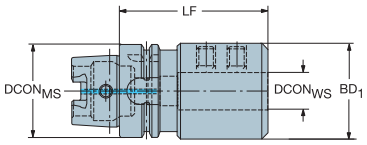
P10 Q1 Q35

HSK to ISO 9766 adaptor

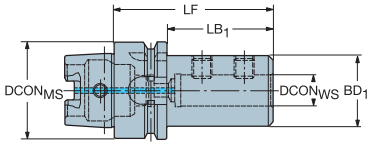
Machine side interface HSK A/C



DSGN 1



2



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg
63	16	1	1	2	392.41027-63 16 080B	63.0	16.0	80.0	54.0	80.0	36.0	63.0	20	1.24
						2.480	*.630*	*3.150*	*2.126*	*3.150*	*1.417*	*2.480*	*290*	
	20	1	1	2	392.41027-63 20 080B	63.0	20.0	80.0	54.0	80.0	40.0	63.0	20	1.24
						2.480	*.787*	*3.150*	*2.126*	*3.150*	*1.575*	*2.480*	*290*	
	25	1	1	2	392.41027-63 25 090B	63.0	25.0	90.0	64.0	90.0	45.0	63.0	20	1.24
						2.480	*.984*	*3.543*	*2.520*	*3.543*	*1.772*	*2.480*	*290*	
	32	1	1	2	392.41027-63 32 090B	63.0	32.0	90.0	64.0	90.0	52.0	63.0	20	1.50
						2.480	*1.260*	*3.543*	*2.520*	*3.543*	*2.047*	*2.480*	*290*	
	40	1	1	1	392.41027-63 40 110	63.0	40.0	110.0	110.0		65.0		20	2.30
						2.480	*1.575*	*4.331*	*4.331*		*2.559*		*290*	
100	16	1	1	2	392.41027-100 16 090A	100.0	16.0	90.0	61.0	90.0	36.0	100.0	20	2.86
						3.937	*.630*	*3.543*	*2.402*	*3.543*	*1.417*	*3.937*	*290*	
	20	1	1	2	392.41027-100 20 090A	100.0	20.0	90.0	61.0	90.0	40.0	100.0	20	2.86
						3.937	*.787*	*3.543*	*2.402*	*3.543*	*1.575*	*3.937*	*290*	
	25	1	1	2	392.41027-100 25 100A	100.0	25.0	100.0	71.0	100.0	45.0	100.0	20	2.83
						3.937	*.984*	*3.937*	*2.795*	*3.937*	*1.772*	*3.937*	*290*	
	32	1	1	2	392.41027-100 32 100A	100.0	32.0	100.0	71.0	100.0	52.0	100.0	20	2.84
						3.937	*1.260*	*3.937*	*2.795*	*3.937*	*2.047*	*3.937*	*290*	
	40	1	1	2	392.41027-100 40 110A	100.0	40.0	110.0	81.0	110.0	65.0	100.0	20	4.40
						3.937	*1.575*	*4.331*	*3.189*	*4.331*	*2.559*	*3.937*	*290*	
	50	1	1	2	392.41027-100 50 120	100.0	50.0	120.0	91.0	120.0	75.0	100.0	20	4.42
						3.937	*1.969*	*4.724*	*3.583*	*4.724*	*2.953*	*3.937*	*290*	

 P10

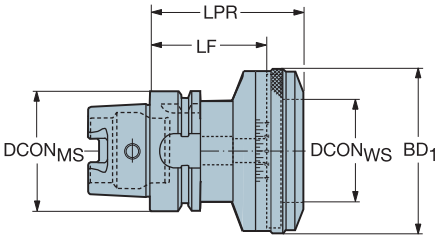
ISO 13399 Q1

CNSC CXSC Q35

HSK to ISO 9766 adjustable adaptor

Machine side interface HSK A/C





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	BD$_1$	CP Bar/PSI	Kg
63	1	1	1	392.410277-63 01 060B	63.0	78.0	60.0	84.6	86.0	20	2.08
					2.480	*3.071*	*2.362*	*3.331*	*3.386*	*290*	
100	2	1	1	392.410277-100 02 065A	100.0	98.0	65.0	89.6	106.0	20	4.42
					3.937	*3.858*	*2.559*	*3.528*	*4.173*	*290*	
	3	1	1	392.410277-100 03 085A	100.0	136.0	85.0	95.0	140.0	20	14.31
					3.937	*5.354*	*3.346*	*3.740*	*5.512*	*290*	

P41 P10 Q1 Q35

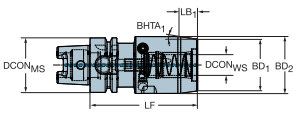
HSK to CoroChuck™ 930

Heavy Duty design

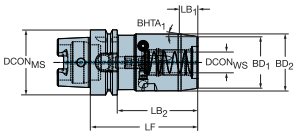
Machine side interface HSK A/C



DSGN 3



6



Metric bore

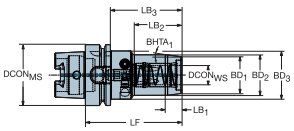
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_1$	CP Bar/PSI	Kg	BBD	RPMX
63	20	1	1	6	930-HA06-HD-20-104	63.0	20.0	104.0	17.8	78.0	104.0	50.0	55.0	62.9	8°	80	1.89	1	20000
						2.480	*.787*	*4.094*	*.701*	*3.071*	*4.094*	*1.969*	*2.165*	*2.476*		*1160*			
	25	1	1	3	930-HA06-HD-25-110	63.0	25.0	110.0	18.8	110.0		57.0	65.0		12°	80	2.38	1	20000
						2.480	*.984*	*4.331*	*.740*	*4.331*		*2.244*	*2.559*			*1160*			
	32	1	1	3	930-HA06-HD-32-112	63.0	32.0	112.0	18.8	112.0		68.0	76.0		12°	80	2.93	1	20000
						2.480	*1.260*	*4.409*	*.740*	*4.409*		*2.677*	*2.992*			*1160*			
100	20	1	1	6	930-HA10-HD-20-100	100.0	20.0	100.0	17.8	71.0	100.0	50.0	55.0	99.9	8°	80	3.13	1	10000
						3.937	*.787*	*3.937*	*.701*	*2.795*	*3.937*	*1.969*	*2.165*	*3.933*		*1160*			
	25	1	1	6	930-HA10-HD-25-106	100.0	25.0	106.0	18.8	77.0	106.0	57.0	65.0	99.9	12°	80	3.69	1	10000
						3.937	*.984*	*4.173*	*.740*	*3.032*	*4.173*	*2.244*	*2.559*	*3.933*		*1160*			
	32	1	1	6	930-HA10-HD-32-110	100.0	32.0	110.0	18.8	81.0	110.0	68.0	76.0	99.9	12°	80	4.40	1	10000
						3.937	*1.260*	*4.331*	*.740*	*3.189*	*4.331*	*2.677*	*2.992*	*3.933*		*1160*			

Slender design

Machine side interface HSK A/C



DSGN 10



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	LB$_4$	BD$_1$	BD$_2$	BD$_3$	BD$_4$	BHTA$_1$	CP Bar/PSI	Kg	BBD	RPMX
63	12	1	1	10	930-HA06-S-12-090	63.0	12.0	90.0	11.3	38.2	64.0	90.0	28.0	32.0	50.0	63.0	10°	80	1.17	1	20000
						2.480	*.472*	*3.543*	*.445*	*1.504*	*2.520*	*3.543*	*1.102*	*1.260*	*1.969*	*2.480*		*1160*			
	20	1	1	10	930-HA06-S-20-100	63.0	20.0	100.0	16.0	49.2	74.0	100.0	38.0	42.0	50.0	63.0	7°	80	1.36	1	20000
						2.480	*.787*	*3.937*	*.630*	*1.937*	*2.913*	*3.937*	*1.496*	*1.654*	*1.969*	*2.480*		*1160*			
100	12	1	1	10	930-HA10-S-12-095	100.0	12.0	95.0	11.3	38.2	66.0	95.0	28.0	32.0	50.0	100.0	10°	80	2.54	1	10000
						3.937	*.472*	*3.740*	*.445*	*1.504*	*2.598*	*3.740*	*1.102*	*1.260*	*1.969*	*3.937*		*1160*			
	20	1	1	10	930-HA10-S-20-100	100.0	20.0	100.0	16.0	49.2	71.0	100.0	38.0	42.0	50.0	100.0	7°	80	2.66	1	10000
						3.937	*.787*	*3.937*	*.630*	*1.937*	*2.795*	*3.937*	*1.496*	*1.654*	*1.969*	*3.937*		*1160*			

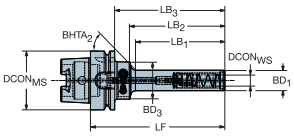
P16 P10 Q5 Q1 Q35 Q32

HSK to CoroChuck™ 930

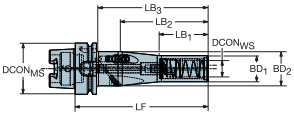
Pencil design
Machine side interface HSK A/C



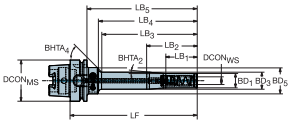
DSGN 11



11



22



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	LB$_4$	BD$_1$	BD$_2$	BD$_3$	BD$_4$	BHTA$_2$	CP Bar/PSI	Kg	BBD	RPMX
63	6	1	1	11	930-HA06-P-06-094	63.0	6.0	94.0	45.8	52.1	68.0	94.0	14.5	14.5	40.0	63.0	62°	80	0.84	1	20000
						2.480	*.236*	*3.701*	*1.803*	*2.051*	*2.677*	*3.701*	*.571*	*.571*	*1.575*	*2.480*		*1160*			
	12	1	1	11	930-HA06-P-12-109	63.0	12.0	109.0	60.8	66.4	83.0	109.0	22.0	22.0	40.0	63.0	55°	80	0.94	1	20000
						2.480	*.472*	*4.291*	*2.394*	*2.614*	*3.268*	*4.291*	*.866*	*.866*	*1.575*	*2.480*		*1160*			
	12	1	1	11	930-HA06-P-12-144	63.0	12.0	144.0	95.8	101.4	118.0	144.0	22.0	22.0	40.0	63.0	55°	80	1.04	1	20000
						2.480	*.472*	*5.669*	*3.772*	*3.992*	*4.646*	*5.669*	*.866*	*.866*	*1.575*	*2.480*		*1160*			
	12	1	1	22	930-HA06-P-12-194	63.0	12.0	194.0	50.0	75.0	145.8	168.0	22.0	22.0	26.0	40.0	4°	80	1.29	1	20000
						2.480	*.472*	*7.638*	*1.969*	*2.953*	*5.740*	*6.614*	*.866*	*.866*	*1.024*	*1.575*		*1160*			
	20	1	1	11	930-HA06-P-20-163	63.0	20.0	163.0	60.0	108.0	137.0	163.0	32.0	32.0	42.0	63.0	6°	80	1.55	1	20000
						2.480	*.787*	*6.417*	*2.362*	*4.252*	*5.394*	*6.417*	*1.260*	*1.260*	*1.654*	*2.480*		*1160*			
100	12	1	1	11	930-HA10-P-12-115	100.0	12.0	115.0	60.8	66.4	86.0	115.0	22.0	22.0	40.0	100.0	55°	80	2.30	1	10000
						3.937	*.472*	*4.528*	*2.394*	*2.614*	*3.386*	*4.528*	*.866*	*.866*	*1.575*	*3.937*		*1160*			
	12	1	1	11	930-HA10-P-12-150	100.0	12.0	150.0	95.8	101.4	121.0	150.0	22.0	22.0	40.0	100.0	55°	80	2.41	1	10000
						3.937	*.472*	*5.906*	*3.772*	*3.992*	*4.764*	*5.906*	*.866*	*.866*	*1.575*	*3.937*		*1160*			
	12	1	1	22	930-HA10-P-12-200	100.0	12.0	200.0	50.0	75.0	145.8	171.0	22.0	22.0	26.0	40.0	4°	80	2.66	1	10000
						3.937	*.472*	*7.874*	*1.969*	*2.953*	*5.740*	*6.732*	*.866*	*.866*	*1.024*	*1.575*		*1160*			
	20	1	1	11	930-HA10-P-20-170	100.0	20.0	170.0	60.0	108.0	141.0	170.0	32.0	32.0	42.0	100.0	6°	80	2.93	1	10000
						3.937	*.787*	*6.693*	*2.362*	*4.252*	*5.551*	*6.693*	*1.260*	*1.260*	*1.654*	*3.937*		*1160*			

P16 P10 Q1 Q35 Q32

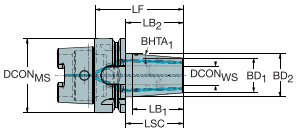
HSK to cylindrical shank with iLock shrink fit chuck

Internal and external coolant supply

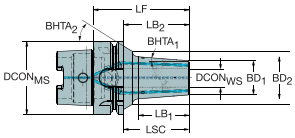
Machine side interface HSK A/C



DSGN 6



8



Metric bore

CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LF	LB_1	LB_2	LB_3	BD_1	BD_2	BD_3	$BHTA_1$	$BHTA_2$	CP Bar/PSI	Kg	BBD	RPMX
63	12	1	9	8	392.41019Y-6312070	63.0	12.0	70.0	38.5	44.0	70.0	26.5	32.6	63.0	4°	47°	80	0.86	1	20000
						2.480	*.472*	*2.756*	*1.516*	*1.732*	*2.756*	*1.043*	*1.283*	*2.480*			*1160*			
	16	1	9	8	392.41019Y-6316075	63.0	16.0	75.0	43.5	49.0	75.0	29.5	36.3	63.0	4°	47°	80	0.92	1	20000
						2.480	*.630*	*2.953*	*1.713*	*1.929*	*2.953*	*1.161*	*1.429*	*2.480*			*1160*			
	20	1	9	8	392.41019Y-6320075	63.0	20.0	75.0	45.3	49.0	75.0	35.5	42.6	63.0	4°	47°	80	1.00	1	20000
						2.480	*.787*	*2.953*	*1.783*	*1.929*	*2.953*	*1.398*	*1.677*	*2.480*			*1160*			
	25	1		6	392.41019Y-6325085	63.0	25.0	85.0	38.1	59.0	85.0	45.0	51.0	63.0	4°	0°	80	1.29	1	20000
						2.480	*.984*	*3.346*	*1.500*	*2.323*	*3.346*	*1.772*	*2.008*	*2.480*			*1160*			
100	12	1	9	8	392.41019Y-10012095	100.0	12.0	95.0	55.1	66.0	95.0	27.0	35.7	100.0	4°	60°	80	2.37	1	10000
						3.937	*.472*	*3.740*	*2.169*	*2.598*	*3.740*	*1.063*	*1.406*	*3.937*			*1160*			
	16	1	9	8	392.41019Y-10016100	100.0	16.0	100.0	64.8	71.0	100.0	33.0	43.2	100.0	4°	55°	80	2.42	1	10000
						3.937	*.630*	*3.937*	*2.551*	*2.795*	*3.937*	*1.299*	*1.701*	*3.937*			*1160*			
	20	1	9	8	392.41019Y-10020105	100.0	20.0	105.0	65.1	76.0	105.0	44.0	54.3	100.0	4°	55°	80	2.62	1	10000
						3.937	*.787*	*4.134*	*2.563*	*2.992*	*4.134*	*1.732*	*2.138*	*3.937*			*1160*			
	25	1	9	8	392.41019Y-10025115	100.0	25.0	115.0	64.8	86.0	115.0	44.0	54.2	100.0	4°	36°	80	3.14	1	10000
						3.937	*.984*	*4.528*	*2.551*	*3.386*	*4.528*	*1.732*	*2.134*	*3.937*			*1160*			

P10 Q1 Q35 Q33

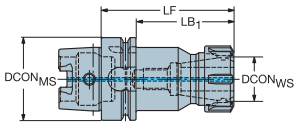
HSK to ER collet chuck

Machine side interface HSK A/C

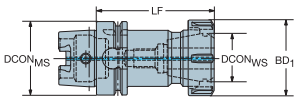
Workpiece side interface DIN 6499-B



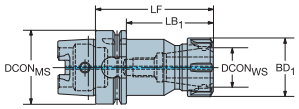
DSGN



1



2



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD
40	ER25	1	1	1	392.41014-4025062	40.0	26.0	62.0	62.0		42.0		80	0.38	1
						1.575	*1.024*	*2.441*	*2.441*		*1.654*		*1160*		
50	ER32	1	1	1	392.41014-5032072	50.0	33.0	72.0	72.0		50.0		80	0.70	1
						1.969	*1.299*	*2.835*	*2.835*		*1.969*		*1160*		
63	ER25	1	1	2	392.41014-63 25 100	63.0	26.0	100.0	74.0	100.0	42.0	63.0	80	1.24	1
						2.480	*1.024*	*3.937*	*2.913*	*3.937*	*1.654*	*2.480*	*1160*		
	ER32	1	1	2	392.41014-63 32 100B	63.0	33.0	100.0	74.0	100.0	50.0	63.0	80	1.24	1
						2.480	*1.299*	*3.937*	*2.913*	*3.937*	*1.969*	*2.480*	*1160*		
	ER40	1	1	1	392.41014-63 40 120B	63.0	41.0	120.0	120.0		63.0		80	2.07	1
						2.480	*1.614*	*4.724*	*4.724*		*2.480*		*1160*		
100	ER32	1	1		392.41014-100 32 100A	100.0	33.0	100.0	71.0	100.0	50.0	100.0	80	2.83	1
						3.937	*1.299*	*3.937*	*2.795*	*3.937*	*1.969*	*3.937*	*1160*		
	ER40	1	1		392.41014-100 40 120A	100.0	41.0	120.0	91.0	120.0	63.0	100.0	80	4.40	1
						3.937	*1.614*	*4.724*	*3.583*	*4.724*	*2.480*	*3.937*	*1160*		
	ER50	1	1		392.41014-100 50 130A	100.0	52.0	130.0	101.0	130.0	78.0	100.0	80	4.40	1
						3.937	*2.047*	*5.118*	*3.976*	*5.118*	*3.071*	*3.937*	*1160*		

P23 P10 Q1 Q35

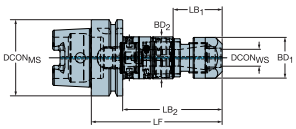
HSK to CoroChuck™ 970

Machine side interface HSK A/C

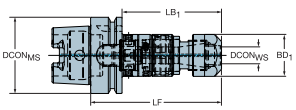
Workpiece side interface DIN 6499-B



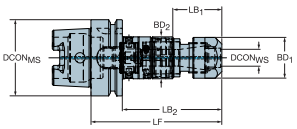
DSGN 1



2



5



							Dimensions, mm, inch												
CZC_{MS}	CZC_{WS}	TRMAX	CNSC	CXSC	DSGN	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LF	LB_1	LB_2	LB_3	BD_1	BD_2	BD_3	CP Bar/PSI	Kg	RPMX
63	ER20	M12	1	1	5	**970-HA06-20-108**	63.0	20.8	108.1	40.3	82.2	108.1	33.7	34.6	63.0	80	1.06	8000
							2.480	*.819*	*4.256*	*1.587*	*3.236*	*4.256*	*1.327*	*1.362*	*2.480*	*1160*		
	ER25	M20	1	1	5	**970-HA06-25-128**	63.0	25.8	127.5	42.1	101.5	127.5	42.0	44.0	63.0	80	1.46	8000
							2.480	*1.016*	*5.020*	*1.657*	*3.996*	*5.020*	*1.654*	*1.732*	*2.480*	*1160*		
	ER40	M30	1	1	1	**970-HA06-40-160**	63.0	41.0	160.0	159.9			59.0			80	2.80	8000
							2.480	*1.614*	*6.299*	*6.295*			*2.323*			*1160*		
100	ER20	M12	1	1	5	**970-HA10-20-115**	100.0	20.8	114.6	40.3	85.7	114.6	33.7	34.6	100.0	80	2.44	8000
							3.937	*.819*	*4.512*	*1.587*	*3.374*	*4.512*	*1.327*	*1.362*	*3.937*	*1160*		
	ER25	M20	1	1	5	**970-HA10-25-134**	100.0	25.8	134.0	42.1	105.0	134.0	42.0	44.0	100.0	80	2.83	8000
							3.937	*1.016*	*5.276*	*1.657*	*4.134*	*5.276*	*1.654*	*1.732*	*3.937*	*1160*		
	ER40	M30	1	1	2	**970-HA10-40-164**	100.0	40.8	163.4	134.4	163.4		63.0	100.0		80	4.20	8000
							3.937	*1.606*	*6.433*	*5.291*	*6.433*		*2.480*	*3.937*		*1160*		

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 P10

ISO 13399 Q1

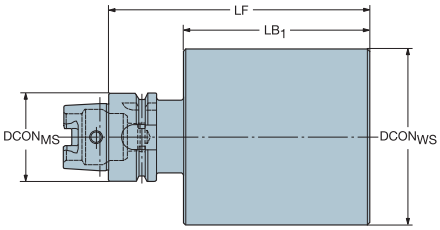
CNSC CXSC Q35

C3 - D C Q33

Blank with HSK coupling

Machine side interface HSK A/C





CZC$_{MS}$	**Ordering code**	Dimensions, mm, inch DCON	BD$_1$	LB$_1$	Kg
63	**392.41050-63 130 150A**	63	130.0	108	14.5
		2.480	*5.118*	*4.252*	
	392.41050-63 64 250A	63	64.0	208	14.5
		2.480	*2.520*	*8.189*	
100	**392.41050-100 145 200A**	100	145.0	155	67.0
		3.937	*5.709*	*6.102*	
	392.41050-100104250A	100	104.0	205	14.4
		3.937	*4.094*	*8.071*	

Note: These HSK blanks are equipped with a thread inside the HSK coupling to allow for connection of a coolant tube.

If localized hardening is required, induction type hardening is suggested.

ISO 13399

Q1

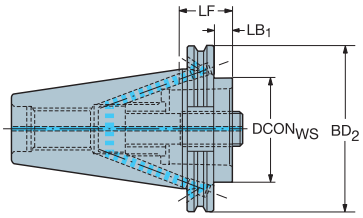
SANDVIK Coromant

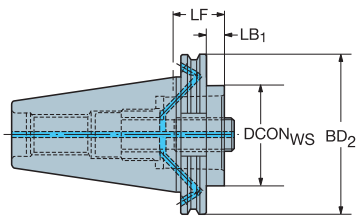
BIG-PLUS ISO to Coromant Capto® adaptor

Machine side interface compatible with ISO 7388-1 and DIN 69871-ADB

DSGN 2 2







CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD
40	C3	7	1	2	C3-390B.540-40 030	32.0	30.0	10.9	30.0	32.0	63.5	80	0.85	1
						1.260	*1.181*	*.429*	*1.181*	*1.260*	*2.500*	*1160*		
	C4	7	1	2	C4-390B.540-40 040	40.0	40.0	20.9	40.0	40.0	63.5	80	0.93	1
						1.575	*1.575*	*.823*	*1.575*	*1.575*	*2.500*	*1160*		
	C5	7	1	2	C5-390B.540-40 050	50.0	50.0	30.9	50.0	50.0	63.5	80	1.10	1
						1.969	*1.969*	*1.217*	*1.969*	*1.969*	*2.500*	*1160*		
	C6	7	1	2	C6-390B.540-40 085	63.0	85.0	30.9	50.0	63.0	63.5	80	1.82	1
						2.480	*3.346*	*1.217*	*1.969*	*2.480*	*2.500*	*1160*		
50	C3	7	1	2	C3-390.540-50 030A	32.0	30.0	10.9	30.0	32.0	97.5	80	2.60	0
						1.260	*1.181*	*.429*	*1.181*	*1.260*	*3.839*	*1160*		
	C3	7	1	2	C3-390.540-50 060	32.0	60.0	40.9	60.0	32.0	97.5	80	2.78	0
						1.260	*2.362*	*1.610*	*2.362*	*1.260*	*3.839*	*1160*		
	C4	7	1	2	C4-390.540-50 030A	40.0	30.0	10.9	30.0	40.0	97.5	80	2.60	0
						1.575	*1.181*	*.429*	*1.181*	*1.575*	*3.839*	*1160*		
	C4	7	1	2	C4-390.540-50 060	40.0	60.0	40.9	60.0	40.0	97.5	80	2.88	0
						1.575	*2.362*	*1.610*	*2.362*	*1.575*	*3.839*	*1160*		
	C5	7	1	2	C5-390.540-50 030A	50.0	30.0	10.9	30.0	50.0	97.5	80	2.60	0
						1.969	*1.181*	*.429*	*1.181*	*1.969*	*3.839*	*1160*		
	C5	7	1	2	C5-390.540-50 070	50.0	70.0	50.9	70.0	50.0	97.5	80	3.15	0
						1.969	*2.756*	*2.004*	*2.756*	*1.969*	*3.839*	*1160*		
	C6	7	1	2	C6-390.540-50 050A	63.0	50.0	30.9	50.0	63.0	97.5	80	2.40	0
						2.480	*1.969*	*1.217*	*1.969*	*2.480*	*3.839*	*1160*		
	C6	7	1	2	C6-390.540-50 100	63.0	100.0	80.9	100.0	63.0	97.5	80	4.08	0
						2.480	*3.937*	*3.185*	*3.937*	*2.480*	*3.839*	*1160*		
	C8	7	1	2	C8-390.540-50 070A	80.0	70.0	50.9	70.0	80.0	97.5	80	3.40	0
						3.150	*2.756*	*2.004*	*2.756*	*3.150*	*3.839*	*1160*		
	C8	7	1	2	C8-390.540-50 120	80.0	120.0	100.9	120.0	80.0	97.5	80	5.62	0
						3.150	*4.724*	*3.972*	*4.724*	*3.150*	*3.839*	*1160*		
	C10	7	1	1	C10-390.540-50 140	100.0	140.0	140.0		100.0		80	7.63	0
						3.937	*5.512*	*5.512*		*3.937*		*1160*		

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 P1

 P11

ISO 13399 Q1

CNSC CXSC Q35

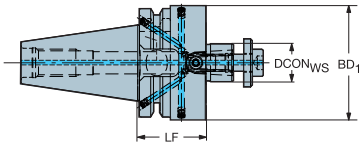
BIG-PLUS ISO to arbor adaptor

Coolant through arbor

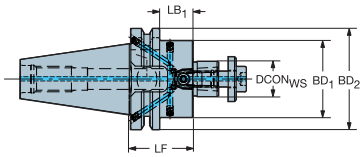
Machine side interface compatible with ISO 7388-1 and DIN 69871-ADB



DSGN 1



2



Metric pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DBC	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD
40	16	7	4	2	392.54005C4016045		16.0	45.0	25.9	45.0	32.0	63.5	80	1.00	1
							.630	*1.772*	*1.020*	*1.772*	*1.260*	*2.500*	*1160*		
	22	7	4	2	392.54005C4022040		22.0	40.0	20.9	40.0	48.0	63.5	80	1.00	1
							.866	*1.575*	*.823*	*1.575*	*1.890*	*2.500*	*1160*		
	27	7	4	2	392.54005C4027050		27.0	50.0	30.9	50.0	60.0	63.5	80	1.47	1
							1.063	*1.969*	*1.217*	*1.969*	*2.362*	*2.500*	*1160*		
	32	7	4	1	392.54005C4032055		32.0	55.0	55.0		78.0		80	1.94	1
							1.260	*2.165*	*2.165*		*3.071*		*1160*		
	40S	7	4	1	392.54005C4040055M	66.7	40.0	55.0	55.0		87.0		80	2.26	1
						2.626	*1.575*	*2.165*	*2.165*		*3.425*		*1160*		

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All holders are delivered with a standard screw without hole for coolant.
For cutters with coolant channels a new screw with radial coolant holes is necessary and can be ordered separately.
See page P13

P11 Q1 Q35

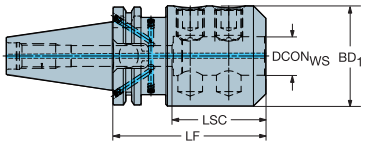
SANDVIK Coromant

BIG-PLUS ISO to Weldon / ISO 9766 adaptor

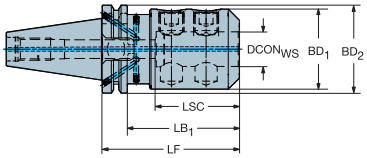
Machine side interface compatible with ISO 7388-1 and DIN 69871-ADB



DSGN 1



DSGN 2



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD
40	16	7	1	2	392.54023-4016060	16.0	60.0	40.9	60.0	48.0	63.5	20	1.28	1
						.630	*2.362*	*1.610*	*2.362*	*1.890*	*2.500*	*290*		
	20	7	1	2	392.54023-4020070	20.0	70.0	50.9	70.0	52.0	63.5	20	1.46	0
						.787	*2.756*	*2.004*	*2.756*	*2.047*	*2.500*	*290*		
	25	7	1	1	392.54023-4025100	25.0	100.0	100.0		65.0		20	2.38	1
						.984	*3.937*	*3.937*		*2.559*		*290*		
	32	7	1	1	392.54023-4032105	32.0	105.0	105.0		72.0		20	2.73	1
						1.260	*4.134*	*4.134*		*2.835*		*290*		
	40	7	1	1	392.54023-4040115	40.0	115.0	115.0		90.0		20	4.14	1
						1.575	*4.528*	*4.528*		*3.543*		*290*		

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 P11

ISO 13399 Q1

CNSC CXSC Q35

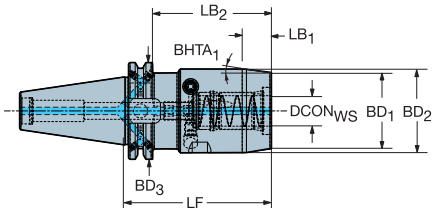
BIG-PLUS ISO to CoroChuck™ 930

Heavy Duty design

Machine side interface compatible with ISO 7388-1 and DIN 69871-ADB



DSGN 1



Metric bore

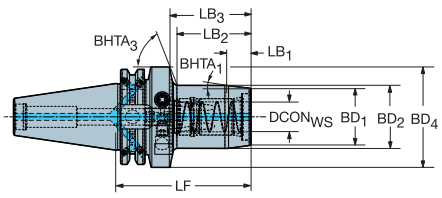
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD	RPMX
40	20	7	1	2	930-IB40-HD-20-097	20.0	97.0	77.9	97.0	55.0	63.5	80	2.08	1	18000
						.787	*3.819*	*3.067*	*3.819*	*2.165*	*2.500*	*1160*			
	25	7	1	1	930-IB40-HD-25-103	25.0	103.0	103.0		65.0		80	2.58	1	18000
						.984	*4.055*	*4.055*		*2.559*		*1160*			
50	20	7	1	2	930-IB50-HD-20-083	20.0	83.0	63.9	83.0	55.0	97.5	80	3.73	1	12000
						.787	*3.268*	*2.516*	*3.268*	*2.165*	*3.839*	*1160*			
	25	7	1	2	930-IB50-HD-25-087	25.0	87.0	67.9	87.0	65.0	97.5	80	4.18	1	12000
						.984	*3.425*	*2.673*	*3.425*	*2.559*	*3.839*	*1160*			
	32	7	1	2	930-IB50-HD-32-077	32.0	77.0	57.9	77.0	76.0	97.5	80	4.33	1	12000
						1.260	*3.032*	*2.280*	*3.032*	*2.992*	*3.839*	*1160*			

Slender design

Machine side interface compatible with ISO 7388-1 and DIN 69871-ADB



DSGN 5



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	CP Bar/PSI	Kg	BBD	RPMX
40	12	7	1	5	930-IB40-S-12-080	12.0	80.0	40.0	60.9	80.0	32.0	50.0	63.5	80	1.33	1	18000
						.472	*3.150*	*1.575*	*2.398*	*3.150*	*1.260*	*1.969*	*2.500*	*1160*			
	20	7	1	5	930-IB40-S-20-090	20.0	90.0	51.0	70.9	90.0	42.0	50.0	63.5	80	1.53	1	18000
						.787	*3.543*	*2.008*	*2.791*	*3.543*	*1.654*	*1.969*	*2.500*	*1160*			
50	20	7	1	5	930-IB50-S-20-089	20.0	89.0	51.0	69.9	89.0	42.0	50.0	97.5	80	3.37	1	12000
						.787	*3.504*	*2.008*	*2.752*	*3.504*	*1.654*	*1.969*	*3.839*	*1160*			

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P16 P11 P43 Q5 Q1 Q35 Q32

SANDVIK Coromant

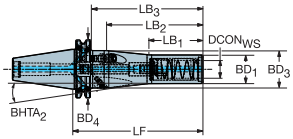
BIG-PLUS ISO to CoroChuck™ 930

Pencil design

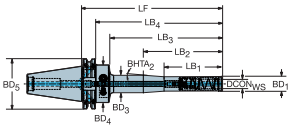
Machine side interface compatible with ISO 7388-1 and DIN 69871-ADB



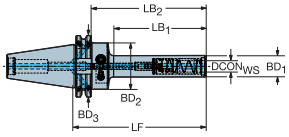
DSGN 11



17



5



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	LB$_4$	BD$_1$	BD$_2$	BD$_3$	BD$_4$	BHTA$_2$	CP Bar/PSI	Kg	BBD	RPMX
40	12	7	1	5	**930-IB40-P-12-103**	12.0	103.0	65.0	83.9	103.0		22.0	40.0	63.5		0°	80	1.16	1	18000
						.472	*4.055*	*2.559*	*3.303*	*4.055*		*.866*	*1.575*	*2.500*			*1160*			
	12	7	1	5	**930-IB40-P-12-138**	12.0	138.0	100.0	118.9	138.0		22.0	40.0	63.5		0°	80	1.26	1	18000
						.472	*5.433*	*3.937*	*4.681*	*5.433*		*.866*	*1.575*	*2.500*			*1160*			
	12	7	1	17	**930-IB40-P-12-188**	12.0	188.0	50.0	75.0	150.0	168.9	22.0	22.0	26.0	40.0	4°	80	1.51	1	18000
						.472	*7.402*	*1.969*	*2.953*	*5.906*	*6.650*	*.866*	*.866*	*1.024*	*1.575*		*1160*			
	20	7	1	11	**930-IB40-P-20-145**	20.0	145.0	60.0	108.0	125.9	145.0	32.0	32.0	42.0	63.5	5°	80	1.65	1	18000
						.787	*5.709*	*2.362*	*4.252*	*4.957*	*5.709*	*1.260*	*1.260*	*1.654*	*2.500*		*1160*			

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 P16
 P11
 P43
ISO 13399 Q1
CNSC CXSC Q35
C3 - D C Q32

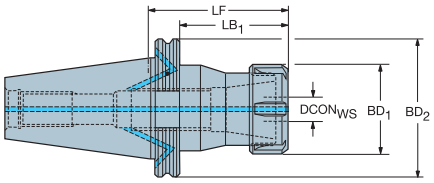
BIG-PLUS ISO to ER collet chuck

Machine side interface compatible with ISO 7388-1 and DIN 69871-ADB

Workpiece side interface DIN 6499-B



DSGN 2



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg
40	ER25	7	1	2	392.54014-4025070	26.0	70.0	30.9	70.0	42.0	63.5	80	1.00
						1.024	*2.756*	*1.217*	*2.756*	*1.654*	*2.500*	*1160*	
	ER40	7	1	2	392.54014-4040075	41.0	75.0	55.9	75.0	63.0	63.5	80	1.42
						1.614	*2.953*	*2.201*	*2.953*	*2.480*	*2.500*	*1160*	

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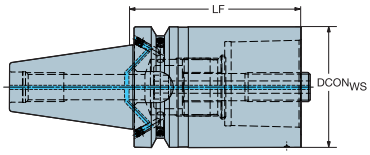
P23 P11 Q1 Q35

BIG-PLUS MAS-BT to Coromant Capto® adaptor

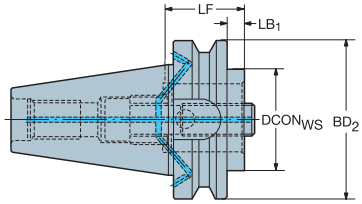
Machine side interface compatible with MAS-BT 403 and JIS B 6339



DSGN 1



2



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD
30	C3	1	1	2	C3-390.555-30 040	32.0	40.0	18.0	40.0	32.0	46.0	80	0.45	1
						1.260	*1.575*	*.709*	*1.575*	*1.260*	*1.811*	*1160*		
	C4	1	1	2	C4-390.555-30 060	40.0	60.0	38.0	60.0	40.0	46.0	80	0.65	1
						1.575	*2.362*	*1.496*	*2.362*	*1.575*	*1.811*	*1160*		
	C5	1	1	1	C5-390.555-30 080	50.0	80.0	80.0		50.0		80	1.05	1
						1.969	*3.150*	*3.150*		*1.969*		*1160*		
40	C3	7	1	2	C3-390B.555-40 030	32.0	30.0	3.0	30.0	32.0	63.0	80	0.95	1
						1.260	*1.181*	*.118*	*1.181*	*1.260*	*2.480*	*1160*		
	C4	7	1	2	C4-390B.555-40 040	40.0	40.0	13.0	40.0	40.0	63.0	80	1.00	1
						1.575	*1.575*	*.512*	*1.575*	*1.575*	*2.480*	*1160*		
	C5	7	1	2	C5-390B.555-40 050	50.0	50.0	23.0	50.0	50.0	63.0	80	1.12	1
						1.969	*1.969*	*.906*	*1.969*	*1.969*	*2.480*	*1160*		
	C6	7	1	1	C6-390B.555-40 075	63.0	75.0	75.0		63.0		80	1.72	1
						2.480	*2.953*	*2.953*		*2.480*		*1160*		
50	C3	7	1	2	C3-390B.558-50 040	32.0	40.0	2.0	40.0	32.0	100.0	80	3.60	1
						1.260	*1.575*	*.079*	*1.575*	*1.260*	*3.937*	*1160*		
	C3	7	1	2	C3-390B.558-50 070	32.0	70.0	32.0	70.0	32.0	100.0	80	3.71	1
						1.260	*2.756*	*1.260*	*2.756*	*1.260*	*3.937*	*1160*		
	C4	7	1	2	C4-390B.558-50 040	40.0	40.0	2.0	40.0	40.0	100.0	80	3.60	1
						1.575	*1.575*	*.079*	*1.575*	*1.575*	*3.937*	*1160*		
	C4	7	1	2	C4-390B.558-50 070	40.0	70.0	32.0	70.0	40.0	100.0	80	3.80	1
						1.575	*2.756*	*1.260*	*2.756*	*1.575*	*3.937*	*1160*		
	C5	7	1	2	C5-390B.558-50 040	50.0	40.0	2.0	40.0	50.0	100.0	80	3.50	1
						1.969	*1.575*	*.079*	*1.575*	*1.969*	*3.937*	*1160*		
	C5	7	1	2	C5-390B.558-50 080	50.0	80.0	42.0	80.0	50.0	100.0	80	4.00	1
						1.969	*3.150*	*1.654*	*3.150*	*1.969*	*3.937*	*1160*		
	C6	7	1	2	C6-390B.558-50 050	63.0	50.0	12.0	50.0	63.0	100.0	80	3.55	1
						2.480	*1.969*	*.472*	*1.969*	*2.480*	*3.937*	*1160*		
	C6	7	1	2	C6-390B.558-50 100	63.0	100.0	62.0	100.0	63.0	100.0	80	4.63	1
						2.480	*3.937*	*2.441*	*3.937*	*2.480*	*3.937*	*1160*		
	C8	7	1	2	C8-390B.558-50 070	80.0	70.0	32.0	70.0	80.0	100.0	80	4.10	1
						3.150	*2.756*	*1.260*	*2.756*	*3.150*	*3.937*	*1160*		
	C8	7	1	2	C8-390B.558-50 120	80.0	120.0	82.0	120.0	80.0	100.0	80	5.91	1
						3.150	*4.724*	*3.228*	*4.724*	*3.150*	*3.937*	*1160*		
	C10	7	1	1	C10-390B.558-50 140	100.0	140.0	140.0		100.0		80	7.63	0
						3.937	*5.512*	*5.512*		*3.937*		*1160*		

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 P43

 P11

ISO 13399 Q1

CNSC CXSC Q35

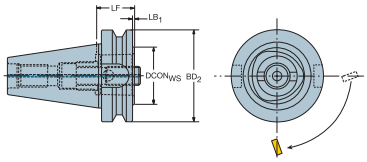
BIG-PLUS MAS-BT to Coromant Capto® adaptor

90° rotated polygon for precision tool tip control

Designed for Mazak™ e-machine and Mori Seiki NT™ -Series



DSGN 2



CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch $DCON_{WS}$	LF	LB_1	LB_2	BD_1	BD_2	CP Bar/PSI	Kg	BBD
40	C5	1	1	2	**C5-390.562-40 050**	50.0	50.0	23.0	50.0	50.0	63.0	80	1.30	1
						1.969	*1.969*	*.906*	*1.969*	*1.969*	*2.480*	*1160*		
50	C6	1	1	2	**C6-390.562-50 050**	63.0	50.0	12.0	50.0	63.0	100.0	80	3.40	0
						2.480	*1.969*	*.472*	*1.969*	*2.480*	*3.937*	*1160*		
	C8	1	1	2	**C8-390.562-50 070**	80.0	70.0	32.0	70.0	80.0	100.0	80	3.40	0
						3.150	*2.756*	*1.260*	*2.756*	*3.150*	*3.937*	*1160*		

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P43 P11 Q1 Q35

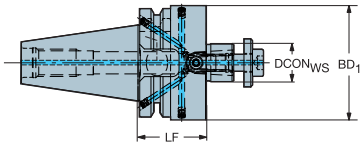
BIG-PLUS MAS-BT to arbor adaptor

Coolant through arbor

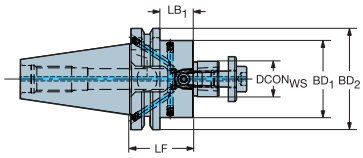
Machine side interface compatible with MAS-BT 403 and JIS B 6339



DSGN 1



DSGN 2



Metric pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DBC	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD
30	16	1	4	2	392.55505C3016040		16.0	40.0	18.0	40.0	32.0	46.0	80	0.52	1
							.630	*1.575*	*.709*	*1.575*	*1.260*	*1.811*	*1160*		
	22	1	4	1	392.55505C3022040		22.0	40.0	40.0		48.0		80	0.70	1
							.866	*1.575*	*1.575*		*1.890*		*1160*		
	27	1	4	1	392.55505C3027040		27.0	40.0	40.0		60.0		80	0.86	1
							1.063	*1.575*	*1.575*		*2.362*		*1160*		
	32	1	4	1	392.55505C3032045		32.0	45.0	45.0		78.0		80	1.33	1
							1.260	*1.772*	*1.772*		*3.071*		*1160*		
40	16	7	4	2	392.55505C4016050		16.0	50.0	23.0	50.0	32.0	63.0	80	1.12	1
							.630	*1.969*	*.906*	*1.969*	*1.260*	*2.480*	*1160*		
	22	7	4	2	392.55505C4022045		22.0	45.0	18.0	45.0	48.0	63.0	80	1.27	1
							.866	*1.772*	*.709*	*1.772*	*1.890*	*2.480*	*1160*		
	27	7	4	2	392.55505C4027045		27.0	45.0	18.0	45.0	60.0	63.0	80	1.45	1
							1.063	*1.772*	*.709*	*1.772*	*2.362*	*2.480*	*1160*		
	32	7	4	1	392.55505C4032050		32.0	50.0	50.0		78.0		80	1.94	1
							1.260	*1.969*	*1.969*		*3.071*		*1160*		
	40S	7	4	1	392.55505C4040055M	66.7	40.0	55.0	55.0		87.0		80	2.47	1
						2.626	*1.575*	*2.165*	*2.165*		*3.425*		*1160*		
50	22	7	4	2	392.55805C5022055		22.0	55.0	17.0	55.0	48.0	100.0	80	3.80	1
							.866	*2.165*	*.669*	*2.165*	*1.890*	*3.937*	*1160*		
	27	7	4	2	392.55805C5027055		27.0	55.0	17.0	55.0	48.0	100.0	80	4.00	1
							1.063	*2.165*	*.669*	*2.165*	*1.890*	*3.937*	*1160*		
	32	7	4	2	392.55805C5032055		32.0	55.0	17.0	55.0	48.0	100.0	80	4.50	1
							1.260	*2.165*	*.669*	*2.165*	*1.890*	*3.937*	*1160*		
	40S	7	4	2	392.55805C5040055	66.7	40.0	55.0	17.0	55.0	87.0	100.0	80	4.61	1
						2.626	*1.575*	*2.165*	*.669*	*2.165*	*3.425*	*3.937*	*1160*		

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All holders are delivered with a standard screw without hole for coolant.
For cutters with coolant channels a new screw with radial coolant holes is necessary and can be ordered separately.
See page P13


P11

ISO 13399 Q1

CNSC CXSC Q35

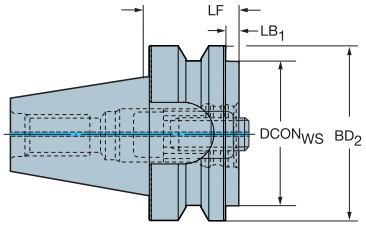
BIG-PLUS® MAS-BT to VL adaptor

Coolant through arbor

Machine side interface compatible with MAS-BT 403 and JIS B 6339



DSGN 2



Metric pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg
50	80	1	1	2	**390.558-50 80 040**	80.0	27.0	2.0	40.0	80.0	100.0	80	4.30
						3.150	*1.063*	*.079*	*1.575*	*3.150*	*3.937*	*1160*	

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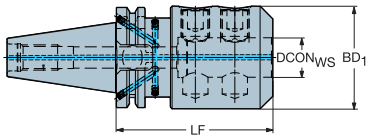
P42 P11 Q1 Q35

BIG-PLUS MAS-BT to Weldon / ISO 9766 adaptor

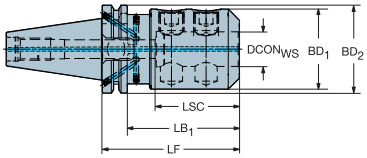
Machine side interface compatible with MAS-BT 403 and JIS B 6339



DSGN 1



2



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD
30	16	1	1	1	392.55523-3016060	16.0	60.0	60.0		48.0		20	0.81	1
						.630	*2.362*	*2.362*		*1.890*		*290*		
	20	1	1	1	392.55523-3020065	20.0	65.0	65.0		52.0		20	0.92	1
						.787	*2.559*	*2.559*		*2.047*		*290*		
	25	1	1	1	392.55523-3025090	25.0	90.0	90.0		65.0		20	1.77	1
						.984	*3.543*	*3.543*		*2.559*		*290*		
	32	1	1	1	392.55523-3032095	32.0	95.0	95.0		72.0		20	2.13	1
						1.260	*3.740*	*3.740*		*2.835*		*290*		
40	16	7	1	2	392.55523-4016065	16.0	65.0	38.0	65.0	48.0	63.0	20	1.40	1
						.630	*2.559*	*1.496*	*2.559*	*1.890*	*2.480*	*290*		
	20	7	1	2	392.55523-4020065	20.0	65.0	38.0	65.0	52.0	63.0	20	1.46	1
						.787	*2.559*	*1.496*	*2.559*	*2.047*	*2.480*	*290*		
	25	7	1	1	392.55523-4025090	25.0	90.0	90.0		65.0		20	2.29	1
						.984	*3.543*	*3.543*		*2.559*		*290*		
	32	7	1	1	392.55523-4032100	32.0	100.0	100.0		72.0		20	2.77	1
						1.260	*3.937*	*3.937*		*2.835*		*290*		
	40	7	1	1	392.55523-4040110	40.0	110.0	110.0		90.0		20	4.20	1
						1.575	*4.331*	*4.331*		*3.543*		*290*		
50	25	7	1	2	392.55823-5025100	25.0	100.0	62.0	100.0	65.0	100.0	20	4.81	1
						.984	*3.937*	*2.441*	*3.937*	*2.559*	*3.937*	*290*		
	32	7	1	2	392.55823-5032105	32.0	105.0	67.0	105.0	72.0	100.0	20	5.15	1
						1.260	*4.134*	*2.638*	*4.134*	*2.835*	*3.937*	*290*		
	40	7	1	2	392.55823-5040115	40.0	115.0	77.0	115.0	90.0	100.0	20	6.51	1
						1.575	*4.528*	*3.032*	*4.528*	*3.543*	*3.937*	*290*		
	50	7	1	1	392.55823-5050130	50.0	130.0	100.0		100.0		20	7.70	1
						1.969	*5.118*	*3.937*		*3.937*		*290*		

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 P11

ISO 13399 Q1

CNSC CXSC Q35

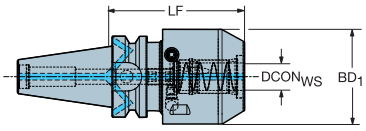
BIG-PLUS MAS-BT to CoroChuck™ 930

Heavy Duty design

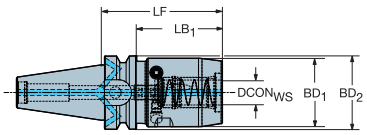
Machine side interface compatible with MAS-BT 403 and JIS B 6339



DSGN 1



DSGN 2



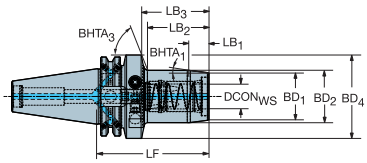
Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD	RPMX
40	20	7	1	2	930-BB40-HD-20-088	20.0	88.0	61.0	88.0	55.0	63.0	80	1.98	1	18000
						.787	*3.465*	*2.402*	*3.465*	*2.165*	*2.480*	*1160*			
	25	7	1	1	930-BB40-HD-25-094	25.0	94.0	94.0		65.0		80	2.46	1	18000
						.984	*3.701*	*3.701*		*2.559*		*1160*			
50	20	7	1	2	930-BB50-HD-20-102	20.0	102.0	64.0	102.0	55.0	100.0	80	4.77	1	12000
						.787	*4.016*	*2.520*	*4.016*	*2.165*	*3.937*	*1160*			
	25	7	1	2	930-BB50-HD-25-106	25.0	106.0	68.0	106.0	65.0	100.0	80	5.22	1	12000
						.984	*4.173*	*2.677*	*4.173*	*2.559*	*3.937*	*1160*			
	32	7	1	2	930-BB50-HD-32-096	32.0	96.0	58.0	96.0	76.0	100.0	80	5.36	1	12000
						1.260	*3.780*	*2.283*	*3.780*	*2.992*	*3.937*	*1160*			

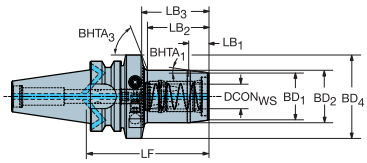
Slender design



DSGN 2



DSGN 5



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	CP Bar/PSI	Kg	BBD	RPMX
30	12	1	1	5	930-BB30-S-12-085A	12.0	85.0	40.0	63.0	85.0	32.0	40.0	46.0	80	0.90	1	25000
						.472	*3.346*	*1.575*	*2.480*	*3.346*	*1.260*	*1.575*	*1.811*	*1160*			
	20	1	1	2	930-BB30-S-20-094A	20.0	94.0	72.0	94.0		42.0	46.0		80	1.08	1	25000
						.787	*3.701*	*2.835*	*3.701*		*1.654*	*1.811*		*1160*			
40	12	7	1	5	930-BB40-S-12-085	12.0	85.0	40.0	58.0	85.0	32.0	50.0	63.0	80	1.45	1	18000
						.472	*3.346*	*1.575*	*2.283*	*3.346*	*1.260*	*1.969*	*2.480*	*1160*			
	20	7	1	2	930-BB40-S-20-094	20.0	94.0	51.0	67.0	94.0	42.0	50.0	63.0	80	1.63	1	18000
						.787	*3.701*	*2.008*	*2.638*	*3.701*	*1.654*	*1.969*	*2.480*	*1160*			
50	20	7	1	5	930-BB50-S-20-108	20.0	108.0	49.0	70.0	108.0	42.0	50.0	100.0	80	4.40	1	12000
						.787	*4.252*	*1.929*	*2.756*	*4.252*	*1.654*	*1.969*	*3.937*	*1160*			

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P16 P11 P43 Q5 Q1 Q35 Q32

SANDVIK Coromant

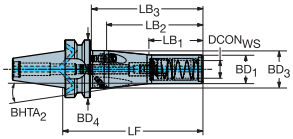
BIG-PLUS MAS-BT to CoroChuck™ 930

Pencil design

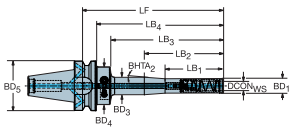
Machine side interface compatible with MAS-BT 403 and JIS B 6339



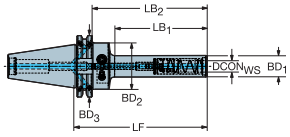
DSGN 11



DSGN 17



DSGN 5



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	LB$_4$	BD$_1$	BD$_2$	BD$_3$	BD$_4$	BHTA$_2$	CP Bar/PSI	Kg	BBD	RPMX
30	6	1	1	5	930-BB30-P-06-088	6.0	88.0	50.0	66.0	88.0		14.5	40.0	46.0		0°	80	0.58	1	25000
						.236	*3.465*	*1.969*	*2.598*	*3.465*		*.571*	*1.575*	*1.811*			*1160*			
	12	1	1	5	930-BB30-P-12-103	12.0	103.0	65.0	81.0	103.0		22.0	40.0	46.0		0°	80	0.68	1	25000
						.472	*4.055*	*2.559*	*3.189*	*4.055*		*.866*	*1.575*	*1.811*			*1160*			
	12	1	1	5	930-BB30-P-12-138	12.0	138.0	100.0	116.0	138.0		22.0	40.0	46.0		0°	80	0.78	1	25000
						.472	*5.433*	*3.937*	*4.567*	*5.433*		*.866*	*1.575*	*1.811*			*1160*			
	12	1	1	17	930-BB30-P-12-188	12.0	188.0	50.0	75.0	150.0	166.0	22.0	22.0	26.0	40.0	4°	80	1.03	1	25000
						.472	*7.402*	*1.969*	*2.953*	*5.906*	*6.535*	*.866*	*.866*	*1.024*	*1.575*		*1160*			
40	12	7	1	5	930-BB40-P-12-110	12.0	110.0	65.0	83.0	110.0		22.0	40.0	63.0		0°	80	1.31	1	18000
						.472	*4.331*	*2.559*	*3.268*	*4.331*		*.866*	*1.575*	*2.480*			*1160*			
	12	7	1	5	930-BB40-P-12-145	12.0	145.0	100.0	118.0	145.0		22.0	40.0	63.0		0°	80	1.41	1	18000
						.472	*5.709*	*3.937*	*4.646*	*5.709*		*.866*	*1.575*	*2.480*			*1160*			
	12	7	1	17	930-BB40-P-12-195	12.0	195.0	50.0	75.0	150.0	168.0	22.0	22.0	26.0	40.0	4°	80	1.66	1	18000
						.472	*7.677*	*1.969*	*2.953*	*5.906*	*6.614*	*.866*	*.866*	*1.024*	*1.575*		*1160*			
	20	7	1	11	930-BB40-P-20-153	20.0	153.0	60.0	108.0	126.0	153.0	32.0	32.0	42.0	63.0	5°	80	1.81	1	18000
						.787	*6.024*	*2.362*	*4.252*	*4.961*	*6.024*	*1.260*	*1.260*	*1.654*	*2.480*		*1160*			

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 P16
 P11
 P43
ISO 13399 Q1
CNSC CXSC Q35
C3 - D C Q32

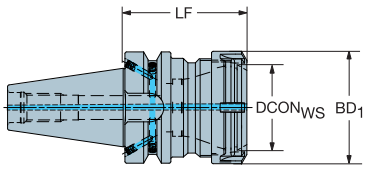
BIG-PLUS MAS-BT to ER collet chuck

Machine side interface compatible with MAS-BT 403 and JIS B 6339

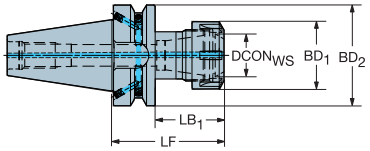
Workpiece side interface DIN 6499-B



DSGN 1



2



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg
30	ER11	1	1	2	392.55514-3011050	11.4	50.0	28.0	50.0	18.7	46.0	80	0.42
						.449	*1.969*	*1.102*	*1.969*	*.736*	*1.811*	*1160*	
	ER16	1	1	2	392.55514-3016050	17.0	50.0	28.0	50.0	28.0	46.0	80	0.44
						.669	*1.969*	*1.102*	*1.969*	*1.102*	*1.811*	*1160*	
	ER20	1	1	2	392.55514-3020052	21.0	52.0	30.0	52.0	33.7	46.0	80	0.47
						.827	*2.047*	*1.181*	*2.047*	*1.327*	*1.811*	*1160*	
	ER25	1	1	2	392.55514-3025060	26.0	60.0	38.0	60.0	42.0	46.0	80	0.58
						1.024	*2.362*	*1.496*	*2.362*	*1.654*	*1.811*	*1160*	
	ER32	1	1	1	392.55514-3032060	33.0	60.0	60.0		50.0		80	0.64
						1.299	*2.362*	*2.362*		*1.969*		*1160*	
40	ER25	7	1	2	392.55514-4025070	26.0	70.0	43.0	70.0	42.0	63.0	80	1.20
						1.024	*2.756*	*1.693*	*2.756*	*1.654*	*2.480*	*1160*	
	ER40	7	1	1	392.55514-4040070	41.0	70.0	70.0		63.0		80	1.38
						1.614	*2.756*	*2.756*		*2.480*		*1160*	

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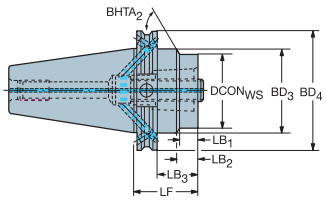
P23 P11 Q1 Q35

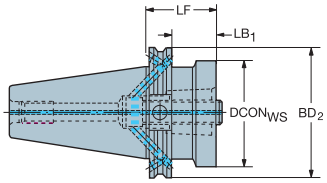
BIG-PLUS CAT-V to Coromant Capto® adaptor

Machine side interface ASME B5.50-1985

DSGN 11 2





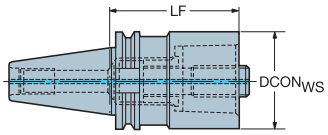


						Dimensions, mm, inch											CP Bar/PSI	Kg	
CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	$DCON_{WS}$	LF	LB_1	LB_2	LB_3	LB_4	BD_1	BD_2	BD_3	BD_4	$BHTA_2$			BBD
40	C3	7	1	11	C3-A390.545-40 040A	32.0	40.0	2.7	5.0	21.0	40.0	32.0	32.0	44.5	63.5	70°	80	0.90	1
						1.260	*1.575*	*.106*	*.197*	*.827*	*1.575*	*1.260*	*1.260*	*1.752*	*2.500*		*1160*		
	C4	7	1	11	C4-A390.545-40 040A	40.0	40.0	3.6	5.0	20.9	40.0	40.0	40.0	44.7	63.5	60°	80	2.00	1
						1.575	*1.575*	*.142*	*.197*	*.823*	*1.575*	*1.575*	*1.575*	*1.760*	*2.500*		*1160*		
	C5	7	1	2	C5-A390.545-40 050A	50.0	50.0	30.9	50.0			50.0	63.5			0°	80	1.00	1
						1.969	*1.969*	*1.217*	*1.969*			*1.969*	*2.500*				*1160*		
50	C3	7	1	11	C3-A390.545-50 040A	32.0	40.0	1.7	5.0	21.0	40.0	32.0	32.0	69.9	98.4	80°	80	3.10	0
						1.260	*1.575*	*.067*	*.197*	*.827*	*1.575*	*1.260*	*1.260*	*2.752*	*3.874*		*1160*		
	C3	7	1	11	C3-A390.545-50 070	32.0	70.0	30.0	35.0	51.0	70.0	32.0	32.0	69.9	98.4	75°	80	3.21	0
						1.260	*2.756*	*1.181*	*1.378*	*2.008*	*2.756*	*1.260*	*1.260*	*2.752*	*3.874*		*1160*		
	C4	7	1	11	C4-A390.545-50 040A	40.0	40.0	2.4	5.0	20.9	40.0	40.0	40.0	70.1	98.4	80°	80	3.20	0
						1.575	*1.575*	*.094*	*.197*	*.823*	*1.575*	*1.575*	*1.575*	*2.760*	*3.874*		*1160*		
	C4	7	1	11	C4-A390.545-50 070	40.0	70.0	31.0	35.0	50.9	70.0	40.0	40.0	70.1	98.4	75°	80	3.29	0
						1.575	*2.756*	*1.220*	*1.378*	*2.004*	*2.756*	*1.575*	*1.575*	*2.760*	*3.874*		*1160*		
	C5	7	1	11	C5-A390.545-50 040A	50.0	40.0	2.4	5.0	20.9	40.0	50.0	50.0	70.1	98.4	75°	80	3.00	0
						1.969	*1.575*	*.094*	*.197*	*.823*	*1.575*	*1.969*	*1.969*	*2.760*	*3.874*		*1160*		
	C5	7	1	11	C5-A390.545-50 080	50.0	80.0	42.3	45.0	60.9	80.0	50.0	50.0	70.1	98.4	75°	80	3.51	0
						1.969	*3.150*	*1.665*	*1.772*	*2.398*	*3.150*	*1.969*	*1.969*	*2.760*	*3.874*		*1160*		
	C6	7	1	11	C6-A390.545-50 040A	63.0	40.0	3.0	5.0	20.9	40.0	63.0	63.0	70.1	98.4	60°	80	2.90	0
						2.480	*1.575*	*.118*	*.197*	*.823*	*1.575*	*2.480*	*2.480*	*2.760*	*3.874*		*1160*		
	C6	7	1	11	C6-A390.545-50 090	63.0	90.0	53.0	55.0	70.9	90.0	63.0	63.0	70.1	98.4	60°	80	3.93	0
						2.480	*3.543*	*2.087*	*2.165*	*2.791*	*3.543*	*2.480*	*2.480*	*2.760*	*3.874*		*1160*		
	C8	7	1	2	C8-A390.545-50 100A	80.0	100.0	80.9	100.0			80.0	98.4			0°	80	4.70	0
						3.150	*3.937*	*3.185*	*3.937*			*3.150*	*3.874*				*1160*		
	C8	7	1	2	C8-A390.545-50 150	80.0	150.0	130.9	150.0			80.0	98.4			0°	80	6.51	0
						3.150	*5.906*	*5.154*	*5.906*			*3.150*	*3.874*				*1160*		

Machine side interface ASME B5.50-2009

DSGN 1





						Dimensions, mm, inch				CP Bar/PSI	Kg
CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	$DCON_{WS}$	LF	LB_1	BD_1		
50	C10	7	1	1	C10-A390.544-50 140	100.0	140.0	140.0	100.0	80	7.81
						3.937	*5.512*	*5.512*	*3.937*	*1160*	

P43 P11 Q1 Q35

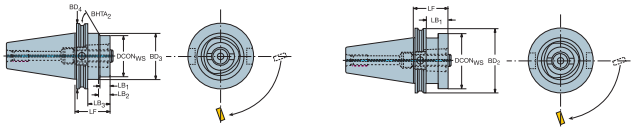
BIG-PLUS CAT-V to Coromant Capto® adaptor

90° rotated polygon for precision tool tip control

Machine side interface compatible with ASME B5.50-1985



DSGN 11 2



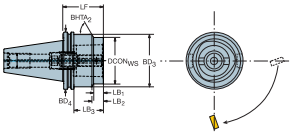
CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch $DCON_{WS}$	LF	LB_1	LB_2	LB_3	LB_4	BD_1	BD_2	BD_3	BD_4	$BHTA_2$	CP Bar/PSI	Kg	BBD
40	C4	1	1	11	C4-A390.546-40 040	40.0	40.0	3.6	5.0	20.9	40.0	40.0	40.0	44.7	63.5	60°	80	2.30	1
						1.575	*1.575*	*.142*	*.197*	*.823*	*1.575*	*1.575*	*1.575*	*1.760*	*2.500*		*1160*		
	C5	1	1	2	C5-A390.546-40 050	50.0	50.0	30.9	50.0			50.0	63.5			0°	80	1.09	1
						1.969	*1.969*	*1.217*	*1.969*			*1.969*	*2.500*				*1160*		
50	C6	1	1	11	C6-A390.546-50 050	63.0	50.0	13.0	15.0	30.9	50.0	63.0	63.0	70.1	98.4	60°	80	3.22	0
						2.480	*1.969*	*.512*	*.591*	*1.217*	*1.969*	*2.480*	*2.480*	*2.760*	*3.874*		*1160*		
	C8	1	1	2	C8-A390.546-50 070	80.0	70.0	50.9	70.0			80.0	98.4			0°	80	3.36	0
						3.150	*2.756*	*2.004*	*2.756*			*3.150*	*3.874*				*1160*		

90° rotated polygon for precision tool tip control

Machine side interface Heavy Duty version outside the ASME standard



DSGN 11



CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch $DCON_{WS}$	LF	LB_1	LB_2	LB_3	LB_4	BD_1	BD_2	BD_3	BD_4	$BHTA_2$	CP Bar/PSI	Kg
50	C8	1	1	11	C8-A390.547-50 070	80.0	70.0	17.1	20.0	50.9	70.0	80.0	80.0	90.0	98.4	60°	80	3.36
						3.150	*2.756*	*.673*	*.787*	*2.004*	*2.756*	*3.150*	*3.150*	*3.543*	*3.874*		*1160*	

All holders are delivered with a standard screw without hole for coolant.
For cutters with coolant channels a new screw with radial coolant holes is necessary and can be ordered separately.
See page P13

P43 P11 Q1 Q35

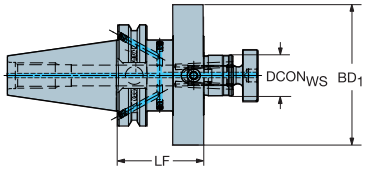
BIG-PLUS CAT-V to arbor adaptor

Coolant through arbor

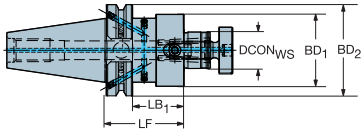
Machine side interface compatible with ASME B5.50-1985



DSGN 1



DSGN 2



Inch pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DBC	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD
40	3/4	7	4	2	A392.54505C4019040		19.1	40.0	20.9	40.0	44.5	63.5	80	1.08	1
							.750	*1.575*	*.823*	*1.575*	*1.752*	*2.500*	*1160*		
	1	7	4	2	A392.54505C4025055		25.4	55.0	35.9	55.0	50.0	63.5	80	1.40	1
							1.000	*2.165*	*1.413*	*2.165*	*1.969*	*2.500*	*1160*		
	1 1/2	7	4	1	A392.54505C4038060M	66.7	38.1	60.0	60.0		87.0		80	2.37	1
						2.626	*1.500*	*2.362*	*2.362*		*3.425*		*1160*		

Machine side interface compatible with ASME B5.50-2009

Inch pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DBC	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD
50	3/4	7	4	2	A392.54505C5019040		19.1	40.0	20.9	40.0	43.0	98.4	80	2.83	1
							.750	*1.575*	*.823*	*1.575*	*1.693*	*3.874*	*1160*		
	1	7	4	2	A392.54505C5025050		25.4	50.0	30.9	50.0	50.0	98.4	80	2.96	1
							1.000	*1.969*	*1.217*	*1.969*	*1.969*	*3.874*	*1160*		
	1 1/2	7	4	2	A392.54505C5038060	66.7	38.1	60.0	40.9	60.0	87.0	98.4	80	4.15	1
						2.626	*1.500*	*2.362*	*1.610*	*2.362*	*3.425*	*3.874*	*1160*		

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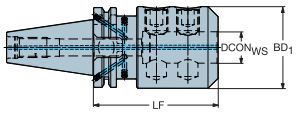
P12 Q1 Q35

BIG-PLUS CAT-V to Weldon / ISO 9766 adaptor

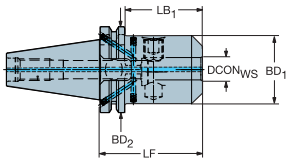
Machine side interface compatible with ASME B5.50-1985



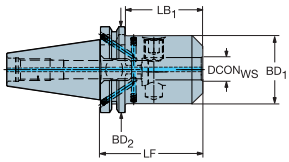
DSGN 1



DSGN 2



DSGN 6



Inch bore

CZC MS	CZC WS	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON WS	LF	LB1	LB2	BD1	BD2	CP Bar/PSI	Kg	BBD
40	3/4	7	1	6	A392.54523-4019065	19.1	65.0	45.9	65.0	44.5	63.5	20	1.08	1
						.750	*2.559*	*1.807*	*2.559*	*1.752*	*2.500*	*290*		
	1	7	1	6	A392.54523-4025100	25.4	100.0	80.9	100.0	57.1	63.5	20	2.00	1
						1.000	*3.937*	*3.185*	*3.937*	*2.248*	*2.500*	*290*		
	1 1/4	7	1	6	A392.54523-4031100	31.8	100.0	80.9	100.0	63.0	63.5	20	2.12	1
						1.250	*3.937*	*3.185*	*3.937*	*2.480*	*2.500*	*290*		

Machine side interface compatible with ASME B5.50-2009

Inch bore

CZC MS	CZC WS	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON WS	LF	LB1	LB2	BD1	BD2	CP Bar/PSI	Kg	BBD
40	5/8	7	1	2	A392.54523-4015060	15.9	60.0	40.9	60.0	41.0	63.5	20	1.28	1
						.625	*2.362*	*1.610*	*2.362*	*1.614*	*2.500*	*290*		
	1 1/2	7	1	1	A392.54523-4038105	38.1	105.0	105.0		70.0		20	2.54	1
						1.500	*4.134*	*4.134*		*2.756*		*290*		
50	1	7	1	2	A392.54523-5025085	25.4	85.0	65.9	85.0	57.1	98.4	20	3.57	1
						1.000	*3.346*	*2.594*	*3.346*	*2.248*	*3.874*	*290*		
	1 1/4	7	1	2	A392.54523-5031085	31.8	85.0	65.9	85.0	63.0	98.4	20	3.70	1
						1.250	*3.346*	*2.594*	*3.346*	*2.480*	*3.874*	*290*		
	1 1/2	7	1	2	A392.54523-5038090	38.1	90.0	70.9	90.0	70.0	98.4	20	4.00	1
						1.500	*3.543*	*2.791*	*3.543*	*2.756*	*3.874*	*290*		

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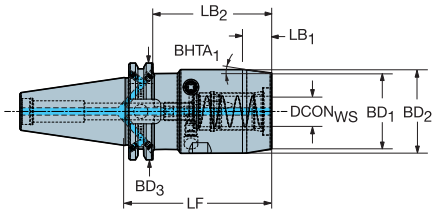
P12 Q1 Q35

BIG-PLUS CAT-V to CoroChuck™ 930

Heavy Duty design

Machine side interface compatible with ASME B5.50-2009



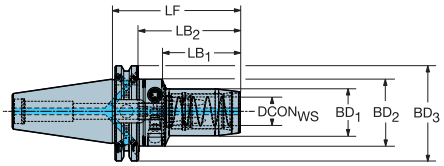


Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD	RPMX
40	20	7	1	2	930-VB40-HD-20-082	20.0	82.0	62.9	82.0	55.0	63.5	80	1.87	1	18000
						.787	*3.228*	*2.476*	*3.228*	*2.165*	*2.500*	*1160*			
	25	7	1	1	930-VB40-HD-25-101	25.0	101.0	101.0		65.0		80	2.64	1	18000
						.984	*3.976*	*3.976*		*2.559*		*1160*			
50	20	7	1	2	930-VB50-HD-20-083	20.0	83.0	63.9	83.0	55.0	98.4	80	3.73	1	12000
						.787	*3.268*	*2.516*	*3.268*	*2.165*	*3.874*	*1160*			
	25	7	1	2	930-VB50-HD-25-087	25.0	87.0	67.9	87.0	65.0	98.4	80	4.18	1	12000
						.984	*3.425*	*2.673*	*3.425*	*2.559*	*3.874*	*1160*			
	32	7	1	2	930-VB50-HD-32-077	32.0	77.0	57.9	77.0	76.0	98.4	80	4.32	1	12000
						1.260	*3.032*	*2.280*	*3.032*	*2.992*	*3.874*	*1160*			

Slender design





Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	CP Bar/PSI	Kg	BBD	RPMX
40	12	7	1	5	930-VB40-S-12-080	12.0	80.0	40.0	60.9	80.0	32.0	50.0	63.5	80	1.34	1	18000
						.472	*3.150*	*1.575*	*2.398*	*3.150*	*1.260*	*1.969*	*2.500*	*1160*			
	20	7	1	5	930-VB40-S-20-090	20.0	90.0	51.0	80.9	90.0	42.0	50.0	63.5	80	1.54	1	18000
						.787	*3.543*	*2.008*	*3.185*	*3.543*	*1.654*	*1.969*	*2.500*	*1160*			
50	20	7	1	5	930-VB50-S-20-089	20.0	89.0	51.0	79.9	89.0	42.0	50.0	98.4	80	3.36	1	12000
						.787	*3.504*	*2.008*	*3.146*	*3.504*	*1.654*	*1.969*	*3.874*	*1160*			

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P16 P12 P43 Q5 Q1 Q35 Q32

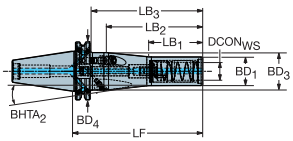
BIG-PLUS CAT-V to CoroChuck™ 930

Pencil design

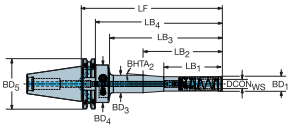
Machine side interface compatible with ASME B5.50-2009



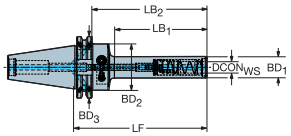
DSGN 11



DSGN 17



DSGN 5



Metric bore

						Dimensions, mm, inch											CP Bar/PSI	Kg		
CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	$DCON_{WS}$	LF	LB_1	LB_2	LB_3	LB_4	BD_1	BD_2	BD_3	BD_4	$BHTA_2$			BBD	RPMX
40	12	7	1	5	930-VB40-P-12-103	12.0	103.0	65.0	83.9	103.0		22.0	40.0	63.5		0°	80	1.17	1	18000
						.472	*4.055*	*2.559*	*3.303*	*4.055*		*.866*	*1.575*	*2.500*			*1160*			
	12	7	1	5	930-VB40-P-12-138	12.0	138.0	100.0	118.9	138.0		22.0	40.0	63.5		0°	80	1.27	1	18000
						.472	*5.433*	*3.937*	*4.681*	*5.433*		*.866*	*1.575*	*2.500*			*1160*			
	12	7	1	17	930-VB40-P-12-188	12.0	188.0	50.0	75.0	150.0	168.9	22.0	22.0	26.0	40.0	4°	80	1.52	1	18000
						.472	*7.402*	*1.969*	*2.953*	*5.906*	*6.650*	*.866*	*.866*	*1.024*	*1.575*		*1160*			
	20	7	1	11	930-VB40-P-20-145	20.0	145.0	60.0	108.0	125.9	145.0	32.0	32.0	42.0	63.5	5°	80	1.66	1	18000
						.787	*5.709*	*2.362*	*4.252*	*4.957*	*5.709*	*1.260*	*1.260*	*1.654*	*2.500*		*1160*			

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P16 P12 P43 ISO 13399 Q1 CNSC CXSC Q35 C3 - D C Q32

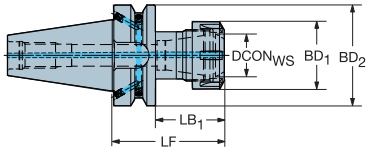
BIG-PLUS CAT-V to ER collet chuck

Machine side interface compatible with ASME B5.50-1985

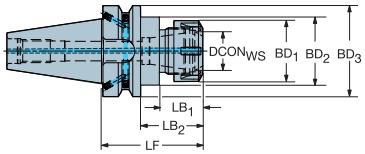
Workpiece side interface DIN 6499-B



DSGN 2



DSGN 5



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	CP Bar/PSI	Kg
40	ER25	7	1	5	A392.54514-4025070	26.0	70.0	35.0	50.9	70.0	42.0	44.4	63.5	80	1.08
						1.024	*2.756*	*1.378*	*2.004*	*2.756*	*1.654*	*1.748*	*2.500*	*1160*	
	ER40	7	1	2	A392.54514-4040075	41.0	75.0	55.9	75.0		63.0	63.5		80	1.36
						1.614	*2.953*	*2.201*	*2.953*		*2.480*	*2.500*		*1160*	

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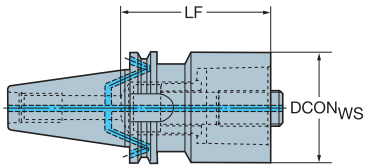
P23 P12 Q1 Q35

ISO 7388-1 to Coromant Capto® adaptor

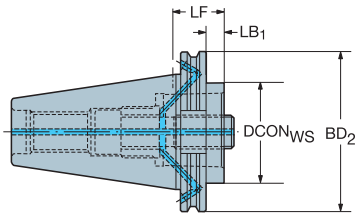
Machine side interface compatible with DIN 69871-ADB



DSGN 1



DSGN 2



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD
40	C3	7	1	2	C3-390B.140-40 030	32.0	30.0	10.9	30.0	32.0	63.5	80	0.83	1
						1.260	*1.181*	*.429*	*1.181*	*1.260*	*2.500*	*1160*		
	C3	7	1	2	C3-390B.140-40 060	32.0	60.0	40.9	60.0	32.0	63.5	80	0.98	1
						1.260	*2.362*	*1.610*	*2.362*	*1.260*	*2.500*	*1160*		
	C4	7	1	2	C4-390B.140-40 030	40.0	30.0	10.9	30.0	40.0	63.5	80	0.82	1
						1.575	*1.181*	*.429*	*1.181*	*1.575*	*2.500*	*1160*		
	C4	7	1	2	C4-390B.140-40 060	40.0	60.0	40.9	60.0	40.0	63.5	80	1.08	1
						1.575	*2.362*	*1.610*	*2.362*	*1.575*	*2.500*	*1160*		
	C5	7	1	2	C5-390B.140-40 040	50.0	40.0	20.9	40.0	50.0	63.5	80	0.92	1
						1.969	*1.575*	*.823*	*1.575*	*1.969*	*2.500*	*1160*		
	C5	7	1	2	C5-390B.140-40 080	50.0	80.0	60.9	80.0	50.0	63.5	80	1.50	1
						1.969	*3.150*	*2.398*	*3.150*	*1.969*	*2.500*	*1160*		
	C6	7	1	2	C6-390B.140-40 085	63.0	85.0	65.9	85.0	63.0	63.5	80	1.81	1
						2.480	*3.346*	*2.594*	*3.346*	*2.480*	*2.500*	*1160*		
50	C3	7	1	2	C3-390B.140-50 030	32.0	30.0	10.9	30.0	32.0	97.5	80	2.62	1
						1.260	*1.181*	*.429*	*1.181*	*1.260*	*3.839*	*1160*		
	C3	7	1	2	C3-390B.140-50 060	32.0	60.0	40.9	60.0	32.0	97.5	80	2.73	1
						1.260	*2.362*	*1.610*	*2.362*	*1.260*	*3.839*	*1160*		
	C4	7	1	2	C4-390B.140-50 030	40.0	30.0	10.9	30.0	40.0	97.5	80	2.62	1
						1.575	*1.181*	*.429*	*1.181*	*1.575*	*3.839*	*1160*		
	C4	7	1	2	C4-390B.140-50 060	40.0	60.0	40.9	60.0	40.0	97.5	80	2.84	1
						1.575	*2.362*	*1.610*	*2.362*	*1.575*	*3.839*	*1160*		
	C5	7	1	2	C5-390B.140-50 030	50.0	30.0	10.9	30.0	50.0	97.5	80	2.62	1
						1.969	*1.181*	*.429*	*1.181*	*1.969*	*3.839*	*1160*		
	C5	7	1	2	C5-390B.140-50 070	50.0	70.0	50.9	70.0	50.0	97.5	80	3.10	1
						1.969	*2.756*	*2.004*	*2.756*	*1.969*	*3.839*	*1160*		
	C6	7	1	2	C6-390B.140-50 030	63.0	30.0	10.9	30.0	63.0	97.5	80	2.50	1
						2.480	*1.181*	*.429*	*1.181*	*2.480*	*3.839*	*1160*		
	C6	7	1	2	C6-390B.140-50 080	63.0	80.0	60.9	80.0	63.0	97.5	80	3.60	1
						2.480	*3.150*	*2.398*	*3.150*	*2.480*	*3.839*	*1160*		
	C8	7	1	2	C8-390B.140-50 070	80.0	70.0	50.9	70.0	80.0	97.5	80	3.74	1
						3.150	*2.756*	*2.004*	*2.756*	*3.150*	*3.839*	*1160*		
	C8	7	1	2	C8-390B.140-50 120	80.0	120.0	100.9	120.0	80.0	97.5	80	5.57	1
						3.150	*4.724*	*3.972*	*4.724*	*3.150*	*3.839*	*1160*		
	C10	7	1	1	C10-390B.140-50 140	100.0	140.0	140.0		100.0		80	7.63	0
						3.937	*5.512*	*5.512*		*3.937*		*1160*		
60	C8	1	1	2	C8-390.140-60 120	80.0	120.0	100.9	120.0	80.0	155.0	80	12.11	0
						3.150	*4.724*	*3.972*	*4.724*	*3.150*	*6.102*	*1160*		
	C10	1	1	2	C10-390.140-60 050	100.0	50.0	30.9	50.0	100.0	155.0	80	5.50	0
						3.937	*1.969*	*1.217*	*1.969*	*3.937*	*6.102*	*1160*		

P13 P11 ISO 13399 Q1 CNSC CXSC Q35

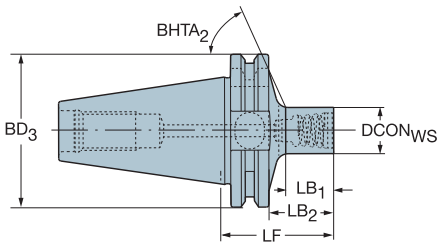
ISO 7388-1 to Coromant EH adaptor

Short design

Machine side interface compatible with DIN 69871-AD



DSGN 7



Metric version

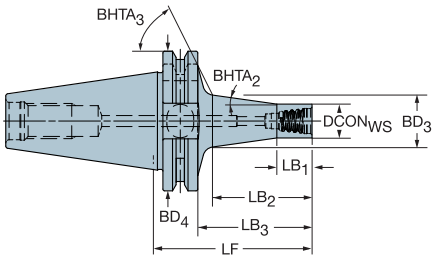
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_2$	CP Bar/PSI	Kg	BBD	RPMX
40	E10	1	1	7	392.140EH-40 10 041	9.6	41.0	12.7	21.9	41.0	9.6	9.6	63.5	65°	80	0.86	1	18000
						.378	*1.614*	*.500*	*.862*	*1.614*	*.378*	*.378*	*2.500*		*1160*			
	E12	1	1	7	392.140EH-40 12 044	11.6	44.0	16.0	24.9	44.0	11.6	11.6	63.5	65°	80	0.86	1	18000
						.457	*1.732*	*.630*	*.980*	*1.732*	*.457*	*.457*	*2.500*		*1160*			
	E16	1	1	7	392.140EH-40 16 049	15.4	49.0	21.5	29.9	49.0	15.4	15.4	63.5	65°	80	0.88	1	18000
						.606	*1.929*	*.846*	*1.177*	*1.929*	*.606*	*.606*	*2.500*		*1160*			
	E20	1	1	7	392.140EH-40 20 046	19.2	46.0	19.0	27.0	46.0	19.2	19.2	63.5	63°	80	0.88	1	18000
						.756	*1.811*	*.748*	*1.063*	*1.811*	*.756*	*.756*	*2.500*		*1160*			
	E25	1	1	7	392.140EH-40 25 051	24.1	51.0	24.6	31.9	51.0	24.1	24.1	63.5	61°	80	0.92	1	18000
						.949	*2.008*	*.969*	*1.256*	*2.008*	*.949*	*.949*	*2.500*		*1160*			

Long design

Machine side interface compatible with DIN 69871-AD



DSGN 15



Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	LB$_4$	BD$_1$	BD$_2$	BD$_3$	BD$_4$	BHTA$_2$	CP Bar/PSI	Kg	BBD	RPMX
40	E10	1	1	15	392.140EH-40 10 055	9.6	55.0	10.0	28.1	35.9	55.0	9.6	9.6	14.7	63.5	8°	80	0.88	1	18000
						.378	*2.165*	*.394*	*1.106*	*1.413*	*2.165*	*.378*	*.378*	*.579*	*2.500*		*1160*			
	E12	1	1	15	392.140EH-40 12 060	11.6	60.0	12.0	33.5	40.9	60.0	11.6	11.6	17.6	63.5	8°	80	0.89	1	18000
						.457	*2.362*	*.472*	*1.319*	*1.610*	*2.362*	*.457*	*.457*	*.693*	*2.500*		*1160*			
	E16	1	1	15	392.140EH-40 16 071	15.4	71.0	16.0	45.3	51.9	71.0	15.4	15.4	23.6	63.5	8°	80	0.94	1	18000
						.606	*2.795*	*.630*	*1.783*	*2.043*	*2.795*	*.606*	*.606*	*.929*	*2.500*		*1160*			
	E20	1	1	15	392.140EH-40 20 084	19.2	84.0	20.0	59.1	64.9	84.0	19.2	19.2	30.2	63.5	8°	80	1.03	1	18000
						.756	*3.307*	*.787*	*2.327*	*2.555*	*3.307*	*.756*	*.756*	*1.189*	*2.500*		*1160*			
	E25	1	1	15	392.140EH-40 25 100	24.1	100.0	25.0	76.2	80.9	100.0	24.1	24.1	38.5	63.5	8°	80	1.23	1	18000
						.949	*3.937*	*.984*	*3.000*	*3.185*	*3.937*	*.949*	*.949*	*1.516*	*2.500*		*1160*			

 P11

ISO 13399 Q1

CNSC CXSC Q35

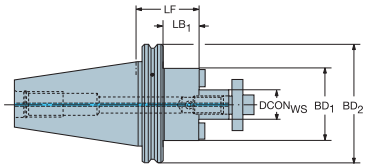
C3 – D C Q30

ISO 7388-1 to arbor adaptor

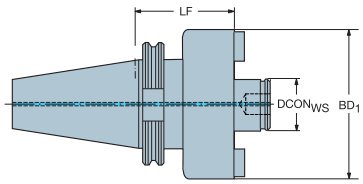
Machine side interface compatible with DIN 69871-ADB



DSGN 2



DSGN 1



Metric pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DBC	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD
40	16	7	1	2	A1B05-40 16 035		16.0	35.0	15.9	35.0	36.0	63.6	80	0.80	1
							.630	*1.378*	*.626*	*1.378*	*1.417*	*2.502*	*1160*		
	16	7	1	2	A1B05-40 16 100		16.0	100.0	80.9	100.0	36.0	63.6	80	1.60	1
							.630	*3.937*	*3.185*	*3.937*	*1.417*	*2.502*	*1160*		
	22	7	1	2	A1B05-40 22 035		22.0	35.0	15.9	35.0	48.0	63.6	80	0.80	1
							.866	*1.378*	*.626*	*1.378*	*1.890*	*2.502*	*1160*		
	22	7	1	2	A1B05-40 22 100		22.0	100.0	80.9	100.0	48.0	63.6	80	1.60	1
							.866	*3.937*	*3.185*	*3.937*	*1.890*	*2.502*	*1160*		
	27	7	1	2	A1B05-40 27 035		27.0	35.0	15.9	35.0	48.0	63.6	80	1.05	1
							1.063	*1.378*	*.626*	*1.378*	*1.890*	*2.502*	*1160*		
	27	7	1	2	A1B05-40 27 100		27.0	100.0	80.9	100.0	60.0	63.6	80	2.13	1
							1.063	*3.937*	*3.185*	*3.937*	*2.362*	*2.502*	*1160*		
	32	7	1	1	A1B05-40 32 050		32.0	50.0	50.0		78.0		80	1.60	1
							1.260	*1.969*	*1.969*		*3.071*		*1160*		
50	22	7	1	2	A1B05-50 22 035		22.0	35.0	15.9	35.0	48.0	97.5	80	2.13	1
							.866	*1.378*	*.626*	*1.378*	*1.890*	*3.839*	*1160*		
	22	7	1	2	A1B05-50 22 100		22.0	100.0	65.9	100.0	48.0	97.5	80	2.99	1
							.866	*3.937*	*2.594*	*3.937*	*1.890*	*3.839*	*1160*		
	27	7	1	2	A1B05-50 27 035		27.0	35.0	15.9	35.0	60.0	97.5	80	2.99	1
							1.063	*1.378*	*.626*	*1.378*	*2.362*	*3.839*	*1160*		
	27	7	1	2	A1B05-50 27 100		27.0	100.0	80.9	100.0	60.0	97.5	80	2.99	1
							1.063	*3.937*	*3.185*	*3.937*	*2.362*	*3.839*	*1160*		
	32	7	1	2	A1B05-50 32 035		32.0	35.0	15.9	35.0	78.0	97.5	80	2.99	1
							1.260	*1.378*	*.626*	*1.378*	*3.071*	*3.839*	*1160*		
	32	7	1	2	A1B05-50 32 100		32.0	100.0	80.9	100.0	78.0	97.5	80	4.70	1
							1.260	*3.937*	*3.185*	*3.937*	*3.071*	*3.839*	*1160*		
	40S	7	1	2	A1B05-50 40 050	66.7	40.0	50.0	30.9	50.0	89.0	97.5	80	3.00	1
						2.626	*1.575*	*1.969*	*1.217*	*1.969*	*3.504*	*3.839*	*1160*		
	60	7	1	1	A1F05-50 60 070	101.6	60.0	70.0	70.0		127.0		80	5.60	1
						4.000	*2.362*	*2.756*	*2.756*		*5.000*		*1160*		

All holders are delivered with a standard screw without hole for coolant.
For cutters with coolant channels a new screw with radial coolant holes is necessary and can be ordered separately.
See page P13

P11 Q1 Q35 Q31

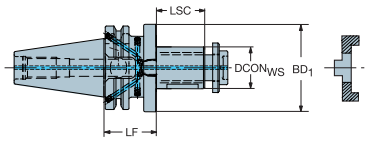
SANDVIK Coromant

ISO 7388-1 to side and face mill arbor adaptor

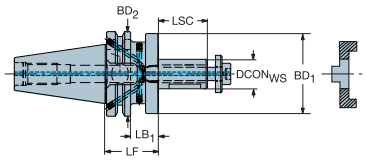
Machine side interface compatible with DIN 69871-ADB



DSGN 1



2



Metric pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LSC	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD
40	22	7	1	2	A1B08-40 22 055	22.0	31	43.0	19.9	43.0	40.0	63.5	80	1.25	1
						.866	*1.220*	*1.693*	*.783*	*1.693*	*1.575*	*2.500*	*1160*		
	27	7	1	2	A1B08-40 27 055	27.0	33	43.0	22.9	43.0	48.0	63.5	80	1.44	1
						1.063	*1.299*	*1.693*	*.902*	*1.693*	*1.890*	*2.500*	*1160*		
	32	7	1	2	A1B08-40 32 060	32.0	37	46.0	26.9	46.0	58.0	63.5	80	1.75	1
						1.260	*1.457*	*1.811*	*1.059*	*1.811*	*2.283*	*2.500*	*1160*		
	40	7	1	1	A1B08-40 40 060	40.0	41	46.0	60.0		70.0		80	2.14	1
						1.575	*1.614*	*1.811*	*2.362*		*2.756*		*1160*		

 P11

ISO 13399 Q1

CNSC CXSC Q35

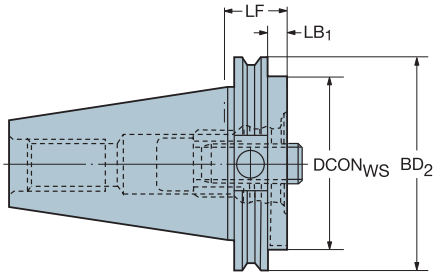
C3 – D C Q31

ISO 7388-1 to VL adaptor

Machine side interface compatible with DIN 69871-AD

DSGN 2



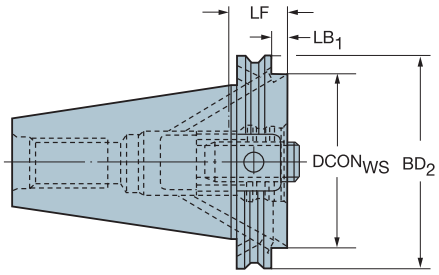


CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg
50	80	1	1	2	390.140-50 80 027	80.0	27.0	7.9	27.0	80.0	97.5	20	2.80
						3.150	*1.063*	*.311*	*1.063*	*3.150*	*3.839*	*290*	

Machine side interface compatible with DIN 69871-B

DSGN 2





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg
50	80	6	1	2	390.272-50 80 027	80.0	27.0	7.9	27.0	80.0	97.5	20	4.25
						3.150	*1.063*	*.311*	*1.063*	*3.150*	*3.839*	*290*	

P42 P11 Q1 Q35

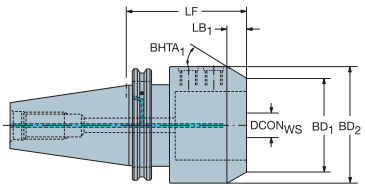
ISO 7388-1 to Weldon adaptor

Machine side interface compatible with DIN 69871-ADB

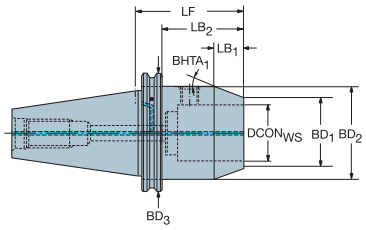
Workpiece side interface DIN 6535-HB and DIN 1835-B



DSGN 3



DSGN 6



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_1$	CP Bar/PSI	Kg	BBD
40	6	7	1	6	A1B20-40 06 050	6.0	50.0	11.0	30.9	50.0	12.1	25.0	63.5	30°	20	0.80	1
						.236	*1.969*	*.433*	*1.217*	*1.969*	*.476*	*.984*	*2.502*		*290*		
	6	7	1	6	A1B20-40 06 100	6.0	100.0	11.0	80.9	100.0	12.1	25.0	63.5	30°	20	0.80	1
						.236	*3.937*	*.433*	*3.185*	*3.937*	*.476*	*.984*	*2.502*		*290*		
	8	7	1	6	A1B20-40 08 050	8.0	50.0	11.0	30.9	50.0	15.1	28.0	63.5	30°	20	0.80	1
						.315	*1.969*	*.433*	*1.217*	*1.969*	*.594*	*1.102*	*2.502*		*290*		
	8	7	1	6	A1B20-40 08 100	8.0	100.0	11.0	80.9	100.0	15.1	28.0	63.5	30°	20	1.05	1
						.315	*3.937*	*.433*	*3.185*	*3.937*	*.594*	*1.102*	*2.502*		*290*		
	10	7	1	6	A1B20-40 10 050	10.0	50.0	13.0	30.9	50.0	19.8	35.0	63.5	30°	20	0.80	1
						.394	*1.969*	*.512*	*1.217*	*1.969*	*.780*	*1.378*	*2.502*		*290*		
	10	7	1	6	A1B20-40 10 100	10.0	100.0	13.0	80.9	100.0	19.8	35.0	63.5	30°	20	1.29	1
						.394	*3.937*	*.512*	*3.185*	*3.937*	*.780*	*1.378*	*2.502*		*290*		
	12	7	1	6	A1B20-40 12 050	12.0	50.0	13.0	30.9	50.0	26.8	42.0	63.5	30°	20	0.80	1
						.472	*1.969*	*.512*	*1.217*	*1.969*	*1.055*	*1.654*	*2.502*		*290*		
	12	7	1	6	A1B20-40 12 100	12.0	100.0	13.0	80.9	100.0	26.8	42.0	63.5	30°	20	1.60	1
						.472	*3.937*	*.512*	*3.185*	*3.937*	*1.055*	*1.654*	*2.502*		*290*		
	16	7	1	6	A1B20-40 16 063	16.0	63.0	13.0	43.9	63.0	32.8	48.0	63.5	30°	20	0.80	1
						.630	*2.480*	*.512*	*1.728*	*2.480*	*1.291*	*1.890*	*2.502*		*290*		
	16	7	1	6	A1B20-40 16 100	16.0	100.0	13.0	80.9	100.0	32.8	48.0	63.5	30°	20	1.60	1
						.630	*3.937*	*.512*	*3.185*	*3.937*	*1.291*	*1.890*	*2.502*		*290*		
	18	7	1	6	A1B20-40 18 063	18.0	63.0	13.0	43.9	63.0	32.8	48.0	63.5	30°	20	1.05	1
						.709	*2.480*	*.512*	*1.728*	*2.480*	*1.291*	*1.890*	*2.502*		*290*		
	18	7	1	6	A1B20-40 18 100	18.0	100.0	13.0	80.9	100.0	32.8	48.0	63.5	30°	20	1.60	1
						.709	*3.937*	*.512*	*3.185*	*3.937*	*1.291*	*1.890*	*2.502*		*290*		
	20	7	1	6	A1B20-40 20 063	20.0	63.0	13.0	43.9	63.0	36.8	52.0	63.5	30°	20	1.29	1
						.787	*2.480*	*.512*	*1.728*	*2.480*	*1.449*	*2.047*	*2.502*		*290*		
	20	7	1	6	A1B20-40 20 100	20.0	100.0	13.0	80.9	100.0	36.8	52.0	63.5	30°	20	1.60	1
						.787	*3.937*	*.512*	*3.185*	*3.937*	*1.449*	*2.047*	*2.502*		*290*		
	25	7	1	3	A1B20-40 25 100	25.0	100.0	13.0	100.0		49.8	65.0		30°	20	2.12	1
						.984	*3.937*	*.512*	*3.937*		*1.961*	*2.559*			*290*		
	32	7	1	3	A1B20-40 32 100	32.0	100.0	12.0	100.0		58.0	72.0		30°	20	2.12	1
						1.260	*3.937*	*.472*	*3.937*		*2.283*	*2.835*			*290*		

P11 Q1 Q35 Q31

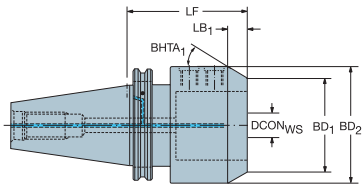
ISO 7388-1 to Weldon adaptor

Machine side interface compatible with DIN 69871-ADB

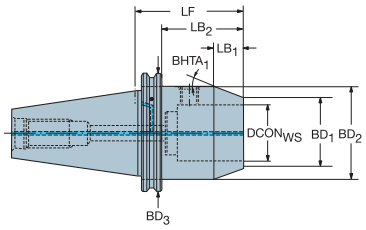
Workpiece side interface DIN 6535-HB and DIN 1835-B



DSGN 3



DSGN 6



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_1$	CP Bar/PSI	Kg	BBD
50	6	7	1	6	A1B20-50 06 063	6.0	63.0	11.0	43.9	63.0	12.1	25.0	97.4	30°	20	2.13	1
						.236	*2.480*	*.433*	*1.728*	*2.480*	*.476*	*.984*	*3.837*		*290*		
	8	7	1	6	A1B20-50 08 063	8.0	63.0	11.0	43.9	63.0	15.1	28.0	97.4	30°	20	2.13	1
						.315	*2.480*	*.433*	*1.728*	*2.480*	*.594*	*1.102*	*3.837*		*290*		
	10	7	1	6	A1B20-50 10 063	10.0	63.0	13.0	43.9	63.0	19.8	35.0	97.4	30°	20	2.13	1
						.394	*2.480*	*.512*	*1.728*	*2.480*	*.780*	*1.378*	*3.837*		*290*		
	12	7	1	6	A1B20-50 12 063	12.0	63.0	13.0	43.9	63.0	26.8	42.0	97.4	30°	20	3.00	1
						.472	*2.480*	*.512*	*1.728*	*2.480*	*1.055*	*1.654*	*3.837*		*290*		
	16	7	1	6	A1B20-50 16 063	16.0	63.0	13.0	43.9	63.0	32.8	48.0	97.4	30°	20	3.00	1
						.630	*2.480*	*.512*	*1.728*	*2.480*	*1.291*	*1.890*	*3.837*		*290*		
	18	7	1	6	A1B20-50 18 063	18.0	63.0	13.0	43.9	63.0	32.8	48.0	97.4	30°	20	3.00	1
						.709	*2.480*	*.512*	*1.728*	*2.480*	*1.291*	*1.890*	*3.837*		*290*		
	20	7	1	6	A1B20-50 20 063	20.0	63.0	13.0	43.9	63.0	36.8	52.0	97.4	30°	20	3.00	1
						.787	*2.480*	*.512*	*1.728*	*2.480*	*1.449*	*2.047*	*3.837*		*290*		
	20	7	1	6	A1B20-50 20 100	20.0	100.0	13.0	80.9	100.0	36.8	52.0	97.4	30°	20	3.00	1
						.787	*3.937*	*.512*	*3.185*	*3.937*	*1.449*	*2.047*	*3.837*		*290*		
	25	7	1	6	A1B20-50 25 080	25.0	80.0	13.0	60.9	80.0	49.8	65.0	97.4	30°	20	3.00	1
						.984	*3.150*	*.512*	*2.398*	*3.150*	*1.961*	*2.559*	*3.837*		*290*		
	25	7	1	6	A1B20-50 25 100	25.0	100.0	13.0	80.9	100.0	49.8	65.0	97.4	30°	20	3.00	1
						.984	*3.937*	*.512*	*3.185*	*3.937*	*1.961*	*2.559*	*3.837*		*290*		
	32	7	1	6	A1B20-50 32 100	32.0	100.0	12.0	80.9	100.0	58.0	72.0	97.4	30°	20	3.00	1
						1.260	*3.937*	*.472*	*3.185*	*3.937*	*2.283*	*2.835*	*3.837*		*290*		
	32	7	1	6	A1B20-50 32 160	32.0	160.0	12.0	140.9	160.0	58.0	72.0	97.4	30°	20	4.70	1
						1.260	*6.299*	*.472*	*5.547*	*6.299*	*2.283*	*2.835*	*3.837*		*290*		
	40	7	1	6	A1B20-50 40 120	40.0	120.0	15.0	100.9	120.0	60.5	78.0	97.4	30°	20	4.70	1
						1.575	*4.724*	*.591*	*3.972*	*4.724*	*2.382*	*3.071*	*3.837*		*290*		

P11 Q1 Q35 Q31

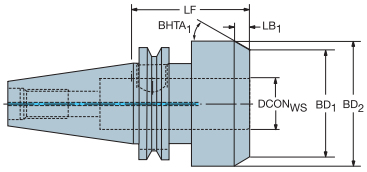
ISO 7388-1 to Weldon adaptor

Short design

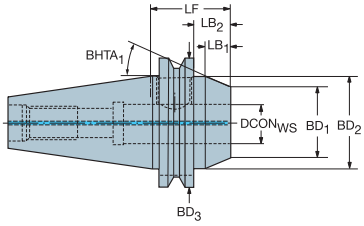
Machine side interface compatible with DIN 69871-AD



DSGN 3



DSGN 6



Metric bore

CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch $DCON_{WS}$	LF	LB_1	LB_2	LB_3	BD_1	BD_2	BD_3	$BHTA_1$	CP Bar/PSI	Kg	BBD
40	16	1	1	6	A1X20-40 16 035	16.0	35.0	13.0	14.9	35.0	32.8	48.0	63.5	30°	20	0.70	1
						.630	*1.378*	*.512*	*.587*	*1.378*	*1.291*	*1.890*	*2.502*		*290*		
	18	1	1	6	A1X20-40 18 035	18.0	35.0	13.0	14.9	35.0	32.8	48.0	63.5	30°	20	0.84	1
						.709	*1.378*	*.512*	*.587*	*1.378*	*1.291*	*1.890*	*2.502*		*290*		
	20	1	1	6	A1X20-40 20 040	20.0	40.0	13.0	20.9	40.0	34.6	52.0	63.5	30°	20	0.84	1
						.787	*1.575*	*.512*	*.823*	*1.575*	*1.362*	*2.047*	*2.502*		*290*		
	25	1	1	6	A1X20-40 25 060	25.0	60.0	10.0	40.9	60.0	41.9	62.0	63.5	45°	20	1.30	1
						.984	*2.362*	*.394*	*1.610*	*2.362*	*1.650*	*2.441*	*2.502*		*290*		
	32	1	1	3	A1X20-40 32 070	32.0	70.0	10.0	70.0		60.1	72.0		30°	20	1.65	1
						1.260	*2.756*	*.394*	*2.756*		*2.366*	*2.835*			*290*		

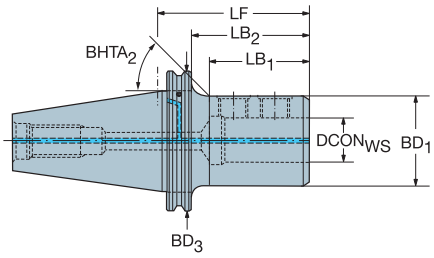
P11 Q1 Q35 Q31

ISO 7388-1 to ISO 9766 adaptor

Machine side interface compatible with DIN 69871-ADB



DSGN 7



Metric bore

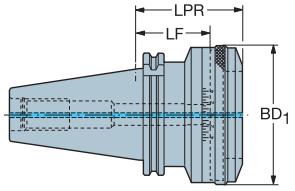
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_2$	CP Bar/PSI	Kg	BBD
40	16	7	1	7	A1B27-40 16 080	16.0	80.0	55.9	60.9	80.0	36.0	36.0	63.5	45°	20	1.05	1
						.630	*3.150*	*2.201*	*2.398*	*3.150*	*1.417*	*1.417*	*2.502*		*290*		
	20	7	1	7	A1B27-40 20 080	20.0	80.0	55.9	60.9	80.0	40.0	40.0	63.5	45°	20	1.05	1
						.787	*3.150*	*2.201*	*2.398*	*3.150*	*1.575*	*1.575*	*2.502*		*290*		
	25	7	1	7	A1B27-40 25 085	25.0	85.0	63.4	65.9	85.0	45.0	45.0	63.5	45°	20	1.30	1
						.984	*3.346*	*2.496*	*2.594*	*3.346*	*1.772*	*1.772*	*2.502*		*290*		
	32	7	1	7	A1B27-40 32 090	32.0	90.0	65.9	70.9	90.0	52.0	52.0	63.5	45°	20	1.30	1
						1.260	*3.543*	*2.594*	*2.791*	*3.543*	*2.047*	*2.047*	*2.502*		*290*		
50	16	7	1	7	A1B27-50 16 080	16.0	80.0	46.4	60.9	80.0	36.0	36.0	97.4	45°	20	3.00	1
						.630	*3.150*	*1.827*	*2.398*	*3.150*	*1.417*	*1.417*	*3.837*		*290*		
	20	7	1	7	A1B27-50 20 080	20.0	80.0	51.4	65.9	80.0	45.0	45.0	97.4	45°	20	3.00	1
						.787	*3.150*	*2.024*	*2.594*	*3.150*	*1.772*	*1.772*	*3.837*		*290*		
	25	7	1	7	A1B27-50 25 085	25.0	85.0	51.4	65.9	85.0	45.0	45.0	97.4	45°	20	3.00	1
						.984	*3.346*	*2.024*	*2.594*	*3.346*	*1.772*	*1.772*	*3.837*		*290*		
	32	7	1	7	A1B27-50 32 090	32.0	90.0	58.4	70.9	90.0	45.0	45.0	97.4	45°	20	3.00	1
						1.260	*3.543*	*2.299*	*2.791*	*3.543*	*1.772*	*1.772*	*3.837*		*290*		
	40	7	1	7	A1B27-50 40 090	40.0	90.0	68.9	70.2	90.0	76.0	76.0	97.4	45°	20	3.20	1
						1.575	*3.543*	*2.713*	*2.764*	*3.543*	*2.992*	*2.992*	*3.837*		*290*		
	50	7	1	7	A1B27-50 50 100	50.0	100.0	78.9	80.2	100.0	76.0	76.0	97.4	45°	20	3.20	1
						1.969	*3.937*	*3.106*	*3.157*	*3.937*	*2.992*	*2.992*	*3.837*		*290*		

P11 Q1 Q35 Q31

ISO 7388-1 to ISO 9766 adjustable adaptor

Machine side interface compatible with DIN 69871-AD

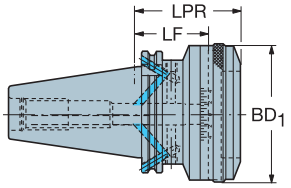




CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	$DCON_{WS}$	LF	LB_1	BD_1	CP Bar/PSI	Kg
					Dimensions, mm, inch					
40	1	1	1	392.140277-40 01 055A	78.0	55.0	79.6	86.0	20	2.80
					3.071	*2.165*	*3.134*	*3.386*	*290*	
50	2	1	1	392.140277-50 02 055A	98.0	55.0	79.6	106.0	20	13.80
					3.858	*2.165*	*3.134*	*4.173*	*290*	
	3	1	1	392.140277-50 03 075A	136.0	75.0	85.0	140.0	20	13.80
					5.354	*2.953*	*3.346*	*5.512*	*290*	

Machine side interface compatible with DIN 69871-B





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	$DCON_{WS}$	LF	LB_1	BD_1	CP Bar/PSI	Kg
					Dimensions, mm, inch					
40	1	6	1	392.272277-40 01 055A	78.0	55.0	79.6	86.0	20	2.80
					3.071	*2.165*	*3.134*	*3.386*	*290*	
50	2	6	1	392.272277-50 02 055A	98.0	55.0	79.6	106.0	20	13.80
					3.858	*2.165*	*3.134*	*4.173*	*290*	
	3	6	1	392.272277-50 03 075A	136.0	75.0	85.0	140.0	20	13.80
					5.354	*2.953*	*3.346*	*5.512*	*290*	


P41


P11

ISO 13399 Q1

CNSC CXSC Q35

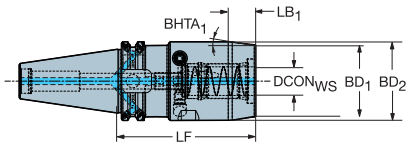
ISO 7388-1 to CoroChuck™ 930

Heavy Duty design

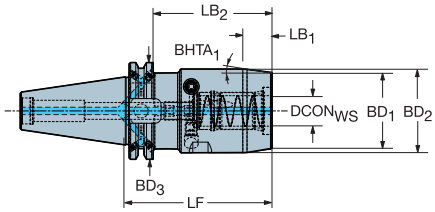
Machine side interface compatible with DIN 69871-ADB



DSGN 3



DSGN 6



Metric bore

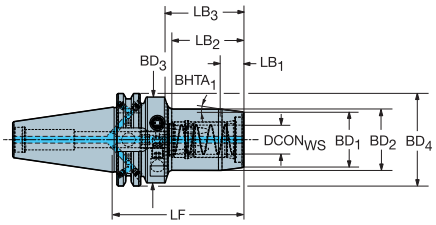
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_1$	CP Bar/PSI	Kg	BBD	RPMX
40	20	7	1	6	930-I40-HD-20-097	20.0	97.0	17.8	77.9	97.0	50.0	55.0	63.5	8°	80	2.06	1	18000
						.787	*3.819*	*.701*	*3.067*	*3.819*	*1.969*	*2.165*	*2.500*		*1160*			
	25	7	1	3	930-I40-HD-25-103	25.0	103.0	18.8	103.0		57.0	65.0		12°	80	2.56	1	18000
						.984	*4.055*	*.740*	*4.055*		*2.244*	*2.559*			*1160*			
50	20	7	1	6	930-I50-HD-20-083	20.0	83.0	17.8	63.9	83.0	50.0	55.0	97.4	8°	80	3.69	1	12000
						.787	*3.268*	*.701*	*2.516*	*3.268*	*1.969*	*2.165*	*3.835*		*1160*			
	25	7	1	6	930-I50-HD-25-087	25.0	87.0	18.8	67.9	87.0	57.0	65.0	97.4	12°	80	4.15	1	12000
						.984	*3.425*	*.740*	*2.673*	*3.425*	*2.244*	*2.559*	*3.835*		*1160*			
	32	7	1	6	930-I50-HD-32-077	32.0	77.0	18.8	57.9	77.0	68.0	76.0	97.4	12°	80	4.29	1	12000
						1.260	*3.032*	*.740*	*2.280*	*3.032*	*2.677*	*2.992*	*3.835*		*1160*			

Slender design

Machine side interface compatible with DIN 69871-ADB



DSGN 10



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	LB$_4$	BD$_1$	BD$_2$	BD$_3$	BD$_4$	BHTA$_1$	CP Bar/PSI	Kg	BBD	RPMX
40	12	7	1	10	930-I40-S-12-080	12.0	80.0	11.3	38.2	60.9	80.0	28.0	32.0	50.0	63.5	10°	80	1.31	1	18000
						.472	*3.150*	*.445*	*1.504*	*2.398*	*3.150*	*1.102*	*1.260*	*1.969*	*2.500*		*1160*			
	20	7	1	10	930-I40-S-20-090	20.0	90.0	16.0	49.2	70.9	90.0	38.0	42.0	50.0	63.5	7°	80	1.51	1	18000
						.787	*3.543*	*.630*	*1.937*	*2.791*	*3.543*	*1.496*	*1.654*	*1.969*	*2.500*		*1160*			
50	20	7	1	10	930-I50-S-20-089	20.0	89.0	16.0	49.2	69.9	89.0	38.0	42.0	50.0	97.4	7°	80	3.33	1	12000
						.787	*3.504*	*.630*	*1.937*	*2.752*	*3.504*	*1.496*	*1.654*	*1.969*	*3.837*		*1160*			

P16 P11 P43 Q5 Q1 Q35 Q32

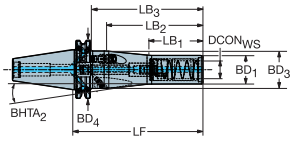
ISO 7388-1 to CoroChuck™ 930

Pencil design

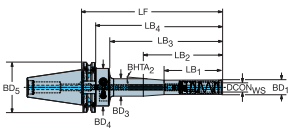
Machine side interface compatible with DIN 69871-ADB



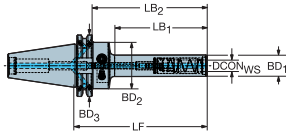
DSGN 11



17



5



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	LB$_4$	BD$_1$	BD$_2$	BD$_3$	BD$_4$	BHTA$_2$	CP Bar/PSI	Kg	BBD	RPMX
40	12	7	1	5	**930-I40-P-12-103**	12.0	103.0	60.8	83.9	103.0		22.0	40.0	63.5		0°	80	1.14	1	18000
						.472	*4.055*	*2.394*	*3.303*	*4.055*		*.866*	*1.575*	*2.500*			*1160*			
	12	7	1	5	**930-I40-P-12-138**	12.0	138.0	95.8	118.9	138.0		22.0	40.0	63.5		0°	80	1.24	1	18000
						.472	*5.433*	*3.772*	*4.681*	*5.433*		*.866*	*1.575*	*2.500*			*1160*			
	12	7	1	17	**930-I40-P-12-188**	12.0	188.0	50.0	75.0	145.8	168.9	22.0	22.0	26.0	40.0	4°	80	1.49	1	18000
						.472	*7.402*	*1.969*	*2.953*	*5.740*	*6.650*	*.866*	*.866*	*1.024*	*1.575*		*1160*			
	20	7	1	11	**930-I40-P-20-145**	20.0	145.0	60.0	108.0	125.9	145.0	32.0	32.0	42.0	63.5	6°	80	1.63	1	18000
						.787	*5.709*	*2.362*	*4.252*	*4.957*	*5.709*	*1.260*	*1.260*	*1.654*	*2.500*		*1160*			

 P16
 P11
 P43
ISO 13399 Q1
CNSC CXSC Q35
C3 - D C Q32

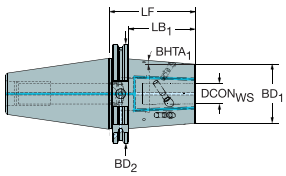
ISO 7388-1 to cylindrical shank with iLock shrink fit chuck

Front coolant supply possibility

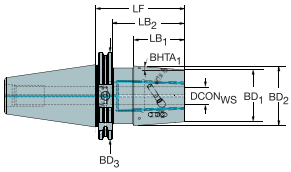
Machine side interface compatible with DIN 69871-ADB



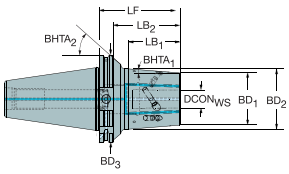
DSGN 3



DSGN 6



DSGN 8



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_1$	BHTA$_2$	CP Bar/PSI	Kg	BBD	RPMX
40	12	7	9	8	392.14019Y-4012065	12.0	65.0	41.3	45.9	65.0	26.5	33.0	63.5	4°	47°	80	1.20	1	18000
						.472	*2.559*	*1.626*	*1.807*	*2.559*	*1.043*	*1.299*	*2.502*			*1160*			
	16	7	9	8	392.14019Y-4016065	16.0	65.0	41.3	45.9	65.0	29.5	36.0	63.5	4°	47°	80	1.01	1	18000
						.630	*2.559*	*1.626*	*1.807*	*2.559*	*1.161*	*1.417*	*2.502*			*1160*			
	20	7	9	8	392.14019Y-4020065	20.0	65.0	43.1	45.9	65.0	35.5	42.3	63.5	4°	47°	80	1.50	1	18000
						.787	*2.559*	*1.697*	*1.807*	*2.559*	*1.398*	*1.665*	*2.502*			*1160*			
	25	7	9	6	392.14019Y-4025075	25.0	75.0	39.1	55.9	75.0	45.5	51.6	63.5	4°	0°	80	1.70	1	18000
						.984	*2.953*	*1.539*	*2.201*	*2.953*	*1.791*	*2.032*	*2.502*			*1160*			
50	12	7	9	8	392.14019Y-5012080	12.0	80.0	54.7	60.9	80.0	27.0	35.6	97.5	4°	57°	80	2.97	1	12000
						.472	*3.150*	*2.154*	*2.398*	*3.150*	*1.063*	*1.402*	*3.839*			*1160*			
	16	7	9	3	392.14019Y-5016080	16.0	80.0	60.9	80.0		33.3	97.5		4°	0°	80	3.07	1	12000
						.630	*3.150*	*2.398*	*3.150*		*1.311*	*3.839*				*1160*			
	20	7	9	3	392.14019Y-5020080	20.0	80.0	60.9	80.0		44.7	97.5		4°	0°	80	3.38	1	12000
						.787	*3.150*	*2.398*	*3.150*		*1.760*	*3.839*				*1160*			
	25	7	9	8	392.14019Y-5025100	25.0	100.0	65.6	80.9	100.0	44.0	54.3	97.5	4°	38°	80	3.73	1	12000
						.984	*3.937*	*2.583*	*3.185*	*3.937*	*1.732*	*2.138*	*3.839*			*1160*			

P11 Q1 Q35

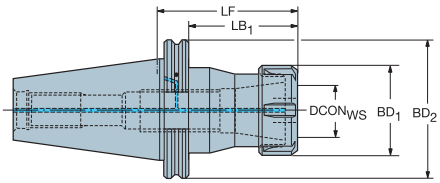
ISO 7388-1 to ER collet chuck

Machine side interface compatible with DIN 69871-ADB

Workpiece side interface DIN 6499-B



DSGN 2



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	RPMX
40	ER16	7	1	2	A1B14-40 16 070	17.0	70.0	50.9	70.0	28.0	63.5	80	0.80	18000
						.669	*2.756*	*2.004*	*2.756*	*1.102*	*2.500*	*1160*		
	ER16	7	1	2	A1B14-40 16 100	17.0	100.0	80.9	100.0	28.0	63.5	80	0.80	18000
						.669	*3.937*	*3.185*	*3.937*	*1.102*	*2.500*	*1160*		
	ER20	7	1	2	A1B14-40 20 070	21.0	70.0	50.9	70.0	34.0	63.5	80	0.80	18000
						.827	*2.756*	*2.004*	*2.756*	*1.339*	*2.500*	*1160*		
	ER20	7	1	2	A1B14-40 20 100	21.0	100.0	80.9	100.0	34.0	63.5	80	1.30	18000
						.827	*3.937*	*3.185*	*3.937*	*1.339*	*2.500*	*1160*		
	ER25	7	1	2	A1B14-40 25 070	26.0	70.0	50.9	70.0	42.0	63.5	80	0.80	18000
						1.024	*2.756*	*2.004*	*2.756*	*1.654*	*2.500*	*1160*		
	ER25	7	1	2	A1B14-40 25 100	26.0	100.0	80.9	100.0	42.0	63.5	80	1.30	18000
						1.024	*3.937*	*3.185*	*3.937*	*1.654*	*2.500*	*1160*		
	ER32	7	1	2	A1B14-40 32 070	33.0	70.0	50.9	70.0	50.0	63.5	80	0.80	18000
						1.299	*2.756*	*2.004*	*2.756*	*1.969*	*2.500*	*1160*		
	ER40	7	1	2	A1B14-40 40 070	41.0	70.0	50.9	70.0	63.0	63.5	80	0.80	18000
						1.614	*2.756*	*2.004*	*2.756*	*2.480*	*2.500*	*1160*		
50	ER20	7	1	2	A1B14-50 20 070	21.0	70.0	50.9	70.0	34.0	97.5	80	2.13	12000
						.827	*2.756*	*2.004*	*2.756*	*1.339*	*3.837*	*1160*		
	ER20	7	1	2	A1B14-50 20 100	21.0	100.0	80.9	100.0	34.0	97.5	80	3.00	12000
						.827	*3.937*	*3.185*	*3.937*	*1.339*	*3.837*	*1160*		
	ER25	7	1	2	A1B14-50 25 070	26.0	70.0	50.9	70.0	42.0	97.5	80	2.14	12000
						1.024	*2.756*	*2.004*	*2.756*	*1.654*	*3.837*	*1160*		
	ER25	7	1	2	A1B14-50 25 100	26.0	100.0	80.9	100.0	42.0	97.5	80	3.00	12000
						1.024	*3.937*	*3.185*	*3.937*	*1.654*	*3.837*	*1160*		
	ER32	7	1	2	A1B14-50 32 070	33.0	70.0	50.9	70.0	50.0	97.5	80	2.12	12000
						1.299	*2.756*	*2.004*	*2.756*	*1.969*	*3.837*	*1160*		
	ER32	7	1	2	A1B14-50 32 100	33.0	100.0	80.9	100.0	50.0	97.5	80	2.98	12000
						1.299	*3.937*	*3.185*	*3.937*	*1.969*	*3.837*	*1160*		
	ER40	7	1	2	A1B14-50 40 070	41.0	70.0	50.9	70.0	63.0	97.5	80	2.13	12000
						1.614	*2.756*	*2.004*	*2.756*	*2.480*	*3.837*	*1160*		

P20 P11 Q1 Q35 Q31

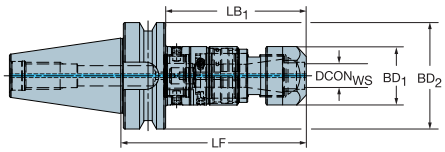
ISO 7388-1 to CoroChuck™ 970

Machine side interface compatible with DIN 69871-AD

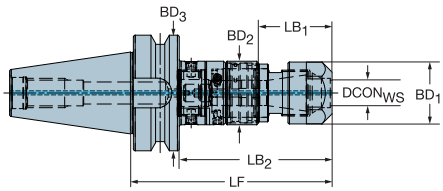
Workpiece side interface DIN 6499-B



DSGN 2



5



CZC$_{MS}$	CZC$_{WS}$	TRMAX	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	CP Bar/PSI	Kg	RPMX
40	ER20	M12	1	1	5	970-I40-20-102	20	102.2	40.3	83.2	102.2	33.7	34.6	63.5	80	1.23	8000
							.819	*4.024*	*1.587*	*3.276*	*4.024*	*1.327*	*1.362*	*2.500*	*1160*		
	ER25	M20	1	1	5	970-I40-25-122	25	121.6	42.1	102.5	121.6	42.0	44.0	63.5	80	1.62	8000
							1.016	*4.787*	*1.657*	*4.035*	*4.787*	*1.654*	*1.732*	*2.500*	*1160*		
50	ER20	M12	1	1	5	970-I50-20-106	20	106.2	40.3	87.1	106.2	33.7	34.6	97.5	80	3.00	8000
							.819	*4.181*	*1.587*	*3.429*	*4.181*	*1.327*	*1.362*	*3.839*	*1160*		
	ER25	M20	1	1	5	970-I50-25-126	25	125.6	42.1	106.5	125.6	42.0	44.0	97.5	80	3.40	8000
							1.016	*4.945*	*1.657*	*4.193*	*4.945*	*1.654*	*1.732*	*3.839*	*1160*		
	ER40	M30	1	1	2	970-I50-40-155	40	155.0	135.9	155.0		62.7	97.5		80	4.68	8000
							1.606	*6.102*	*5.350*	*6.102*		*2.469*	*3.839*		*1160*		

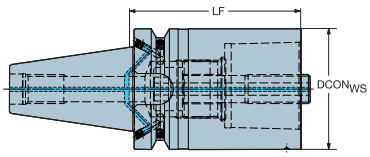
P28 P31 Q1 Q35 Q33

MAS-BT 403 to Coromant Capto® adaptor

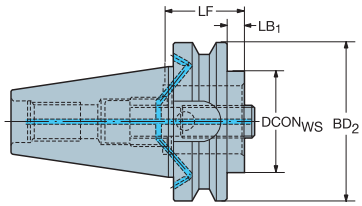
Machine side interface compatible with JIS B 6339



DSGN 1



2



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD
30	C3	1	1	2	C3-390.55-30 030	32.0	30.0	8.0	30.0	32.0	46.0	80	0.50	1
						1.260	*1.181*	*.315*	*1.181*	*1.260*	*1.811*	*1160*		
	C3	1	1	2	C3-390.55-30 060	32.0	60.0	38.0	60.0	32.0	46.0	80	0.70	1
						1.260	*2.362*	*1.496*	*2.362*	*1.260*	*1.811*	*1160*		
	C4	1	1	2	C4-390.55-30 060	40.0	60.0	38.0	60.0	40.0	46.0	80	0.65	1
						1.575	*2.362*	*1.496*	*2.362*	*1.575*	*1.811*	*1160*		
	C5	1	1	1	C5-390.55-30 080	50.0	80.0	80.0		50.0		80	1.04	1
						1.969	*3.150*	*3.150*		*1.969*		*1160*		
40	C3	7	1	2	C3-390B.55-40 030	32.0	30.0	3.0	30.0	32.0	63.0	80	0.95	1
						1.260	*1.181*	*.118*	*1.181*	*1.260*	*2.480*	*1160*		
	C3	7	1	2	C3-390B.55-40 060	32.0	60.0	33.0	60.0	32.0	63.0	80	1.10	1
						1.260	*2.362*	*1.299*	*2.362*	*1.260*	*2.480*	*1160*		
	C4	7	1	2	C4-390B.55-40 030	40.0	30.0	3.0	30.0	40.0	63.0	80	0.91	1
						1.575	*1.181*	*.118*	*1.181*	*1.575*	*2.480*	*1160*		
	C4	7	1	2	C4-390B.55-40 060	40.0	60.0	33.0	60.0	40.0	63.0	80	1.18	1
						1.575	*2.362*	*1.299*	*2.362*	*1.575*	*2.480*	*1160*		
	C5	7	1	2	C5-390B.55-40 050	50.0	50.0	23.0	50.0	50.0	63.0	80	1.12	1
						1.969	*1.969*	*.906*	*1.969*	*1.969*	*2.480*	*1160*		
	C5	7	1	2	C5-390B.55-40 090	50.0	90.0	63.0	90.0	50.0	63.0	80	1.70	1
						1.969	*3.543*	*2.480*	*3.543*	*1.969*	*2.480*	*1160*		
	C6	7	1	1	C6-390B.55-40 075	63.0	75.0	75.0		63.0		80	1.71	1
						2.480	*2.953*	*2.953*		*2.480*		*1160*		
50	C3	7	1	2	C3-390B.58-50 040	32.0	40.0	2.0	40.0	32.0	100.0	80	3.55	1
						1.260	*1.575*	*.079*	*1.575*	*1.260*	*3.937*	*1160*		
	C3	7	1	2	C3-390B.58-50 070	32.0	70.0	32.0	70.0	32.0	100.0	80	3.68	1
						1.260	*2.756*	*1.260*	*2.756*	*1.260*	*3.937*	*1160*		
	C4	7	1	2	C4-390B.58-50 040	40.0	40.0	2.0	40.0	40.0	100.0	80	3.53	1
						1.575	*1.575*	*.079*	*1.575*	*1.575*	*3.937*	*1160*		
	C4	7	1	2	C4-390B.58-50 070	40.0	70.0	32.0	70.0	40.0	100.0	80	3.76	1
						1.575	*2.756*	*1.260*	*2.756*	*1.575*	*3.937*	*1160*		
	C5	7	1	2	C5-390B.58-50 040	50.0	40.0	2.0	40.0	50.0	100.0	80	3.44	1
						1.969	*1.575*	*.079*	*1.575*	*1.969*	*3.937*	*1160*		
	C5	7	1	2	C5-390B.58-50 080	50.0	80.0	42.0	80.0	50.0	100.0	80	3.97	1
						1.969	*3.150*	*1.654*	*3.150*	*1.969*	*3.937*	*1160*		
	C6	7	1	2	C6-390B.58-50 050	63.0	50.0	12.0	50.0	63.0	100.0	80	3.50	1
						2.480	*1.969*	*.472*	*1.969*	*2.480*	*3.937*	*1160*		
	C6	7	1	2	C6-390B.58-50 100	63.0	100.0	62.0	100.0	63.0	100.0	80	4.60	1
						2.480	*3.937*	*2.441*	*3.937*	*2.480*	*3.937*	*1160*		
	C8	7	1	2	C8-390B.58-50 070	80.0	70.0	32.0	70.0	80.0	100.0	80	4.04	1
						3.150	*2.756*	*1.260*	*2.756*	*3.150*	*3.937*	*1160*		
	C8	7	1	2	C8-390B.58-50 120	80.0	120.0	72.0	120.0	80.0	100.0	80	5.88	1
						3.150	*4.724*	*2.835*	*4.724*	*3.150*	*3.937*	*1160*		
	C10	7	1	1	C10-390B.58-50 140	100.0	140.0	140.0		100.0		80	7.63	0
						3.937	*5.512*	*5.512*		*3.937*		*1160*		
60	C8	1	1	2	C8-390.58-60 120	80.0	120.0	72.0	120.0	80.0	155.0	80	14.84	0
						3.150	*4.724*	*2.835*	*4.724*	*3.150*	*6.102*	*1160*		
	C10	1	1	2	C10-390.58-60 080	100.0	80.0	32.0	80.0	100.0	155.0	80	12.92	0
						3.937	*3.150*	*1.260*	*3.150*	*3.937*	*6.102*	*1160*		

 P43

 P11

ISO 13399 Q1

CNSC CXSC Q35

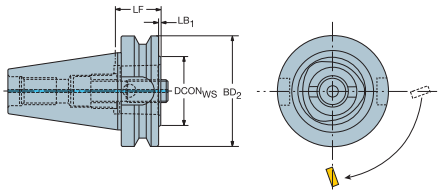
MAS-BT 403 to Coromant Capto® adaptor

90° rotated polygon for precision tool tip control

Designed for Mazak™ e-machine and Mori Seiki NT™ -Series



DSGN 2



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg
40	C5	1	1	2	C5-390.605-40 030	50.0	30.0	3.0	30.0	50.0	63.0	80	0.88
						1.969	*1.181*	*.118*	*1.181*	*1.969*	*2.480*	*1160*	
50	C6	1	1	2	C6-390.605-50 040	63.0	40.0	2.0	40.0	63.0	100.0	80	3.22
						2.480	*1.575*	*.079*	*1.575*	*2.480*	*3.937*	*1160*	
	C8	1	1	2	C8-390.605-50 070	80.0	70.0	32.0	70.0	80.0	100.0	80	4.00
						3.150	*2.756*	*1.260*	*2.756*	*3.150*	*3.937*	*1160*	

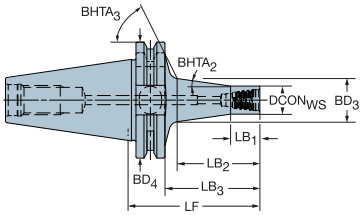
P43 Q1 Q35

MAS-BT 403 to Coromant EH adaptor

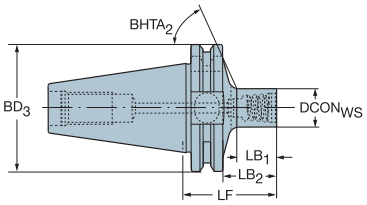
Machine side interface compatible with JIS B 6339



DSGN 15



DSGN 7



Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	LB$_4$	BD$_1$	BD$_2$	BD$_3$	BD$_4$	BHTA$_2$	CP Bar/PSI	Kg	BBD	RPMX
30	E10	1	1	7	392.55EH-30 10 044	9.6	44.0	13.3	22.0	44.0		9.6	9.6	46.0		65°	80	0.42	1	25000
						.378	*1.732*	*.524*	*.866*	*1.732*		*.378*	*.378*	*1.811*			*1160*			
	E10	1	1	15	392.55EH-30 10 057	9.6	57.0	10.0	27.6	35.0	57.0	9.6	9.6	14.6	46.0	7°	80	0.44	1	25000
						.378	*2.244*	*.394*	*1.087*	*1.378*	*2.244*	*.378*	*.378*	*.575*	*1.811*		*1160*			
	E12	1	1	7	392.55EH-30 12 046	11.6	46.0	15.6	24.0	46.0		11.6	11.6	46.0		64°	80	0.42	1	25000
						.457	*1.811*	*.614*	*.945*	*1.811*		*.457*	*.457*	*1.811*			*1160*			
	E12	1	1	15	392.55EH-30 12 063	11.6	63.0	12.0	34.1	41.0	63.0	11.6	11.6	17.8	46.0	8°	80	0.45	1	25000
						.457	*2.480*	*.472*	*1.343*	*1.614*	*2.480*	*.457*	*.457*	*.701*	*1.811*		*1160*			
	E16	1	1	7	392.55EH-30 16 041	15.4	41.3	8.0	19.3	41.3		15.4	15.4	46.0		49°	80	0.44	1	25000
						.606	*1.626*	*.315*	*.760*	*1.626*		*.606*	*.606*	*1.811*			*1160*			
	E16	1	1	7	392.55EH-30 16 052	15.4	52.0	22.1	30.0	52.0		15.4	15.4	46.0		63°	80	0.44	1	25000
						.606	*2.047*	*.870*	*1.181*	*2.047*		*.606*	*.606*	*1.811*			*1160*			
	E16	1	1	7	392.55EH-30 16 056	15.4	56.3	16.0	34.3	56.3		15.4	15.4	46.0		35°	80	0.48	1	25000
						.606	*2.217*	*.630*	*1.350*	*2.217*		*.606*	*.606*	*1.811*			*1160*			
	E16	1	1	15	392.55EH-30 16 074	15.4	74.0	16.0	45.9	52.0	74.0	15.4	15.4	23.8	46.0	8°	80	0.50	1	25000
						.606	*2.913*	*.630*	*1.807*	*2.047*	*2.913*	*.606*	*.606*	*.937*	*1.811*		*1160*			
	E20	1	1	7	392.55EH-30 20 049	19.2	49.0	19.6	27.0	49.0		19.2	19.2	46.0		61°	80	0.44	1	25000
						.756	*1.929*	*.772*	*1.063*	*1.929*		*.756*	*.756*	*1.811*			*1160*			
	E20	1	1	7	392.55EH-30 20 069	19.2	68.7	25.0	34.7	68.7		19.2	19.2	46.0		27°	80	0.52	1	25000
						.756	*2.705*	*.984*	*1.366*	*2.705*		*.756*	*.756*	*1.811*			*1160*			
	E20	1	1	15	392.55EH-30 20 086	19.2	86.0	20.0	58.7	64.0	86.0	19.2	19.2	30.1	46.0	8°	80	0.59	1	25000
						.756	*3.386*	*.787*	*2.311*	*2.520*	*3.386*	*.756*	*.756*	*1.185*	*1.811*		*1160*			
	E25	1	1	7	392.55EH-30 25 054	24.1	54.0	25.2	32.0	54.0		24.1	24.1	46.0		58°	80	0.48	1	25000
						.949	*2.126*	*.992*	*1.260*	*2.126*		*.949*	*.949*	*1.811*			*1160*			
	E25	1	1	15	392.55EH-30 25 077	24.1	77.0	25.0	49.9	55.0	77.0	24.1	24.1	31.1	46.0	8°	80	0.59	1	25000
						.949	*3.032*	*.984*	*1.965*	*2.165*	*3.032*	*.949*	*.949*	*1.224*	*1.811*		*1160*			
40	E10	1	1	7	392.55EH-40 10 051	9.6	51.0	13.0	24.0	51.0		9.6	9.6	63.0		67°	80	1.07	1	18000
						.378	*2.008*	*.512*	*.945*	*2.008*		*.378*	*.378*	*2.480*			*1160*			
	E10	1	1	15	392.55EH-40 10 065	9.6	65.0	10.0	28.4	38.0	65.0	9.6	9.6	14.8	63.0	8°	80	1.08	1	18000
						.378	*2.559*	*.394*	*1.118*	*1.496*	*2.559*	*.378*	*.378*	*.583*	*2.480*		*1160*			
	E12	1	1	7	392.55EH-40 12 054	11.6	54.0	16.3	27.0	54.0		11.6	11.6	63.0		67°	80	1.07	1	18000
						.457	*2.126*	*.642*	*1.063*	*2.126*		*.457*	*.457*	*2.480*			*1160*			
	E12	1	1	15	392.55EH-40 12 070	11.6	70.0	12.0	33.8	43.0	70.0	11.6	11.6	17.7	63.0	8°	80	1.10	1	18000
						.457	*2.756*	*.472*	*1.331*	*1.693*	*2.756*	*.457*	*.457*	*.697*	*2.480*		*1160*			
	E16	1	1	7	392.55EH-40 16 060	15.4	60.0	22.8	33.0	60.0		15.4	15.4	63.0		66°	80	1.09	1	18000
						.606	*2.362*	*.898*	*1.299*	*2.362*		*.606*	*.606*	*2.480*			*1160*			
	E16	1	1	15	392.55EH-40 16 081	15.4	81.0	16.0	45.6	54.0	81.0	15.4	15.4	23.7	63.0	8°	80	1.15	1	18000
						.606	*3.189*	*.630*	*1.795*	*2.126*	*3.189*	*.606*	*.606*	*.933*	*2.480*		*1160*			
	E20	1	1	7	392.55EH-40 20 056	19.2	56.0	19.3	29.0	56.0		19.2	19.2	63.0		66°	80	1.11	1	18000
						.756	*2.205*	*.760*	*1.142*	*2.205*		*.756*	*.756*	*2.480*			*1160*			
	E20	1	1	15	392.55EH-40 20 094	19.2	94.0	20.0	59.5	67.0	94.0	19.2	19.2	30.3	63.0	8°	80	1.24	1	18000
						.756	*3.701*	*.787*	*2.343*	*2.638*	*3.701*	*.756*	*.756*	*1.193*	*2.480*		*1160*			
	E25	1	1	7	392.55EH-40 25 062	24.1	62.0	26.0	35.0	62.0		24.1	24.1	63.0		65°	80	1.13	1	18000
						.949	*2.441*	*1.024*	*1.378*	*2.441*		*.949*	*.949*	*2.480*			*1160*			
	E25	1	1	15	392.55EH-40 25 108	24.1	108.0	25.0	74.5	81.0	108.0	24.1	24.1	38.0	63.0	8°	80	1.42	1	18000
						.949	*4.252*	*.984*	*2.933*	*3.189*	*4.252*	*.949*	*.949*	*1.496*	*2.480*		*1160*			

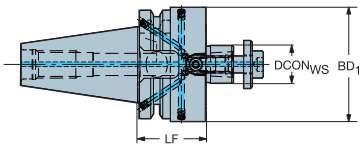
P11 Q1 Q35 Q30

MAS-BT 403 to arbor adaptor

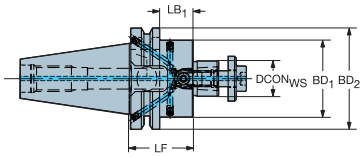
Machine side interface compatible with JIS B 6339



DSGN 1



2



Metric pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DBC	DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD
30	16	1	1	2	A205-30 16 035		16.0	35.0	13.0	35.0	36.0	46.0	80	0.41	1
							.630	*1.378*	*.512*	*1.378*	*1.417*	*1.811*	*1160*		
	22	1	1	2	A205-30 22 035		22.0	35.0	13.0	35.0	42.0	46.0	80	0.41	1
							.866	*1.378*	*.512*	*1.378*	*1.654*	*1.811*	*1160*		
	27	1	1	2	A205-30 27 035		27.0	35.0	13.0	35.0	42.0	46.0	80	0.41	1
							1.063	*1.378*	*.512*	*1.378*	*1.654*	*1.811*	*1160*		
	32	1	1	1	A205-30 32 050		32.0	50.0	50.0		78.0		80	1.15	1
							1.260	*1.969*	*1.969*		*3.071*		*1160*		
40	16	7	1	2	A2B05-40 16 035		16.0	35.0	8.0	35.0	36.0	63.0	80	0.80	1
							.630	*1.378*	*.315*	*1.378*	*1.417*	*2.480*	*1160*		
	16	7	1	2	A2B05-40 16 100		16.0	100.0	73.0	100.0	36.0	63.0	80	1.60	1
							.630	*3.937*	*2.874*	*3.937*	*1.417*	*2.480*	*1160*		
	22	7	1	2	A2B05-40 22 035		22.0	35.0	8.0	35.0	48.0	63.0	80	1.05	1
							.866	*1.378*	*.315*	*1.378*	*1.890*	*2.480*	*1160*		
	22	7	1	2	A2B05-40 22 100		22.0	100.0	73.0	100.0	48.0	63.0	80	1.60	1
							.866	*3.937*	*2.874*	*3.937*	*1.890*	*2.480*	*1160*		
	27	7	1	2	A2B05-40 27 035		27.0	35.0	8.0	35.0	48.0	63.0	80	1.05	1
							1.063	*1.378*	*.315*	*1.378*	*1.890*	*2.480*	*1160*		
	27	7	1	2	A2B05-40 27 100		27.0	100.0	73.0	100.0	60.0	63.0	80	2.13	1
							1.063	*3.937*	*2.874*	*3.937*	*2.362*	*2.480*	*1160*		
	32	7	1	1	A2B05-40 32 065		32.0	65.0	65.0		78.0		80	1.60	1
							1.260	*2.559*	*2.559*		*3.071*		*1160*		
	40S	7	1	1	A2B05-40 40 070	66.7	40.0	70.0	70.0		87.0		80	1.60	1
						2.626	*1.575*	*2.756*	*2.756*		*3.425*		*1160*		
50	22	7	1	2	A2B05-50 22 055		22.0	55.0	11.0	55.0	48.0	100.0	80	3.00	1
							.866	*2.165*	*.433*	*2.165*	*1.890*	*3.937*	*1160*		
	22	7	1	2	A2B05-50 22 100		22.0	100.0	56.0	100.0	48.0	100.0	80	3.00	1
							.866	*3.937*	*2.205*	*3.937*	*1.890*	*3.937*	*1160*		
	27	7	1	2	A2B05-50 27 055		27.0	55.0	12.0	55.0	60.0	100.0	80	3.00	1
							1.063	*2.165*	*.472*	*2.165*	*2.362*	*3.937*	*1160*		
	27	7	1	2	A2B05-50 27 100		27.0	100.0	57.0	100.0	60.0	100.0	80	4.70	1
							1.063	*3.937*	*2.244*	*3.937*	*2.362*	*3.937*	*1160*		
	32	7	1	2	A2B05-50 32 055		32.0	55.0	17.0	55.0	78.0	100.0	80	2.99	1
							1.260	*2.165*	*.669*	*2.165*	*3.071*	*3.937*	*1160*		
	32	7	1	2	A2B05-50 32 100		32.0	100.0	62.0	100.0	78.0	100.0	80	4.67	1
							1.260	*3.937*	*2.441*	*3.937*	*3.071*	*3.937*	*1160*		
	40S	7	1	2	A2B05-50 40 055	66.7	40.0	55.0	17.0	55.0	89.0	100.0	80	4.70	1
						2.626	*1.575*	*2.165*	*.669*	*2.165*	*3.504*	*3.937*	*1160*		
	60	7	1	1	A2F05-50 60 080	101.6	60.0	80.0	80.0		127.0		80	4.70	1
						4.000	*2.362*	*3.150*	*3.150*		*5.000*		*1160*		

All holders are delivered with a standard screw without hole for coolant.
For cutters with coolant channels a new screw with radial coolant holes is necessary and can be ordered separately.
See page P13

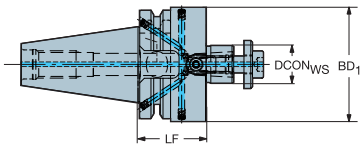
P11 Q1 Q35 Q31

MAS-BT 403 to arbor adaptor

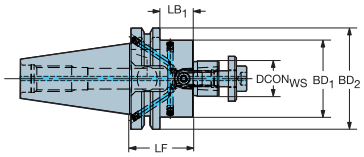
Machine side interface compatible with JIS B 6339



DSGN 1



2



Inch pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD
30	3/4	1	1	2	AA205-30 19 030	19.1	30.2	8.1	30.1	44.5	46.0	80	0.50	1
						.750	*1.190*	*.322*	*1.187*	*1.750*	*1.811*	*1160*		
	1	1	1	1	AA205-30 25 045	25.4	45.0	44.9		57.2		80	1.00	1
						1.000	*1.770*	*1.770*		*2.250*		*1160*		
40	3/4	7	1	2	AA2B05-40 19 051	19.1	50.8	23.8	50.8	44.5	63.0	80	1.29	1
						.750	*2.000*	*.937*	*2.000*	*1.750*	*2.480*	*1160*		
	1	7	1	2	AA2B05-40 25 051	25.4	50.8	23.8	50.8	57.2	63.0	80	1.29	1
						1.000	*2.000*	*.937*	*2.000*	*2.252*	*2.480*	*1160*		
	1 1/4	7	1	1	AA2B05-40 32 057	31.8	57.2	57.1		69.9		80	1.59	1
						1.250	*2.250*	*2.250*		*2.750*		*1160*		
	1 1/2	7	1	1	AA2B05-40 38 057	38.1	57.2	57.1		95.3		80	2.12	1
						1.500	*2.250*	*2.250*		*3.750*		*1160*		

All holders are delivered with a standard screw without hole for coolant.
For cutters with coolant channels a new screw with radial coolant holes is necessary and can be ordered separately.
See page P13

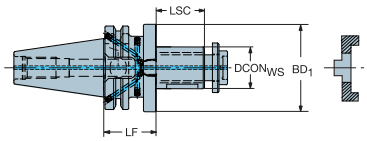
P11 Q1 Q35 Q31

MAS-BT 403 to side and face mill arbor adaptor

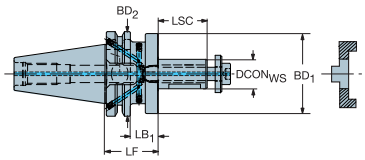
Machine side interface compatible with JIS B 6339



DSGN 1



2



Metric pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LSC	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD
30	16	1	1	2	A208-30 16 045	16.0	27	35.0	13.0	35.0	32.0	46.0	80	0.47	1
						.630	*1.063*	*1.378*	*.512*	*1.378*	*1.260*	*1.811*	*1160*		
	22	1	1	2	A208-30 22 047	22.0	31	35.0	13.0	35.0	40.0	46.0	80	0.56	1
						.866	*1.220*	*1.378*	*.512*	*1.378*	*1.575*	*1.811*	*1160*		
	27	1	1	1	A208-30 27 050	27.0	33	38.0	38.0		48.0		80	0.67	1
						1.063	*1.299*	*1.496*	*1.496*		*1.890*		*1160*		
40	22	7	1	2	A2B08-40 22 055	22.0	31	43.0	12.0	43.0	40.0	63.0	80	1.34	1
						.866	*1.220*	*1.693*	*.472*	*1.693*	*1.575*	*2.480*	*1160*		
	27	7	1	2	A2B08-40 27 055	27.0	33	43.0	15.0	43.0	48.0	63.0	80	1.50	1
						1.063	*1.299*	*1.693*	*.591*	*1.693*	*1.890*	*2.480*	*1160*		
	32	7	1	2	A2B08-40 32 060	32.0	38	46.0	18.0	46.0	58.0	63.0	80	1.85	1
						1.260	*1.496*	*1.811*	*.709*	*1.811*	*2.283*	*2.480*	*1160*		
	40	7	1	1	A2B08-40 40 070	40.0	41	56.0	56.0		70.0		80	2.29	1
						1.575	*1.614*	*2.205*	*2.205*		*2.756*		*1160*		

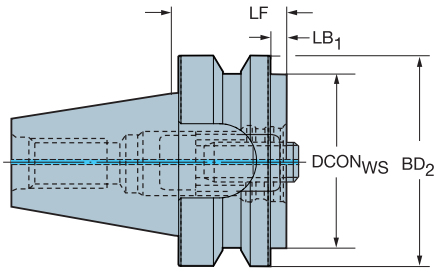
P34 P11 Q1 Q35 Q31

MAS-BT 403 to VL adaptor

Machine side interface compatible with JIS B 6339



DSGN 2



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg
50	80	1	1	2	390.58-50 80 040	80.0	40.0	2.0	40.0	80.0	100.0	20	4.30
						3.150	*1.575*	*.079*	*1.575*	*3.150*	*3.937*	*290*	

J K L M N O P Q

 P42

 P11

ISO 13399 Q1

CNSC CXSC Q35

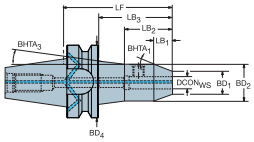
MAS-BT 403 to Weldon adaptor

Machine side interface compatible with JIS B 6339

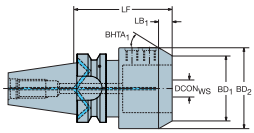
Workpiece side interface DIN 6535-HB and DIN 1835-B



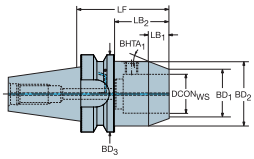
DSGN 14



3



6



Metric bore

CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch $DCON_{WS}$	LF	LB_1	LB_2	LB_3	LB_4	BD_1	BD_2	BD_3	BD_4	$BHTA_1$	CP Bar/PSI	Kg	BBD
30	6	1	1	6	A2B20-30 06 050	6.0	50.0	10.4	28.0	50.0		14.8	24.5	46.0		25°	20	0.49	1
						.236	*1.969*	*.409*	*1.102*	*1.969*		*.583*	*.965*	*1.811*			*290*		
	8	1	1	6	A2B20-30 08 050	8.0	50.0	8.2	28.0	50.0		20.0	27.5	46.0		25°	20	0.50	1
						.315	*1.969*	*.323*	*1.102*	*1.969*		*.787*	*1.083*	*1.811*			*290*		
	10	1	1	6	A2B20-30 10 050	10.0	50.0	10.4	28.0	50.0		24.8	34.5	46.0		25°	20	0.50	1
						.394	*1.969*	*.409*	*1.102*	*1.969*		*.976*	*1.358*	*1.811*			*290*		
	12	1	1	6	A2B20-30 12 052	12.0	52.0	12.6	30.0	52.0		29.8	41.5	46.0		25°	20	0.57	1
						.472	*2.047*	*.496*	*1.181*	*2.047*		*1.173*	*1.634*	*1.811*			*290*		
	16	1	1	3	A2B20-30 16 063	16.0	63.0	12.6	63.0			35.8	47.5			25°	20	0.70	1
						.630	*2.480*	*.496*	*2.480*			*1.409*	*1.870*				*290*		
	20	1	1	3	A2B20-30 20 063	20.0	63.0	12.6	63.0			39.8	51.5			25°	20	0.70	1
						.787	*2.480*	*.496*	*2.480*			*1.567*	*2.028*				*290*		
40	6	7	1	6	A2B20-40 06 050	6.0	50.0	11.0	23.0	50.0		12.1	25.0	63.0		30°	20	0.81	1
						.236	*1.969*	*.433*	*.906*	*1.969*		*.476*	*.984*	*2.480*			*290*		
	6	7	1	6	A2B20-40 06 100	6.0	100.0	11.0	73.0	100.0		12.1	25.0	63.0		30°	20	1.06	1
						.236	*3.937*	*.433*	*2.874*	*3.937*		*.476*	*.984*	*2.480*			*290*		
	8	7	1	6	A2B20-40 08 050	8.0	50.0	11.0	23.0	50.0		15.3	28.0	63.0		30°	20	0.81	1
						.315	*1.969*	*.433*	*.906*	*1.969*		*.602*	*1.102*	*2.480*			*290*		
	8	7	1	6	A2B20-40 08 100	8.0	100.0	11.0	73.0	100.0		15.1	28.0	63.0		30°	20	1.06	1
						.315	*3.937*	*.433*	*2.874*	*3.937*		*.594*	*1.102*	*2.480*			*290*		
	10	7	1	6	A2B20-40 10 063	10.0	63.0	13.0	36.0	63.0		19.8	35.0	63.0		30°	20	1.06	1
						.394	*2.480*	*.512*	*1.417*	*2.480*		*.780*	*1.378*	*2.480*			*290*		
	10	7	1	6	A2B20-40 10 100	10.0	100.0	13.0	73.0	100.0		19.8	35.0	63.0		30°	20	1.30	1
						.394	*3.937*	*.512*	*2.874*	*3.937*		*.780*	*1.378*	*2.480*			*290*		
	12	7	1	6	A2B20-40 12 063	12.0	63.0	13.0	36.0	63.0		26.8	42.0	63.0		30°	20	1.06	1
						.472	*2.480*	*.512*	*1.417*	*2.480*		*1.055*	*1.654*	*2.480*			*290*		
	12	7	1	6	A2B20-40 12 100	12.0	100.0	13.0	73.0	100.0		26.8	42.0	63.0		30°	20	1.60	1
						.472	*3.937*	*.512*	*2.874*	*3.937*		*1.055*	*1.654*	*2.480*			*290*		
	16	7	1	6	A2B20-40 16 063	16.0	63.0	13.0	36.0	63.0		32.8	48.0	63.0		30°	20	1.06	1
						.630	*2.480*	*.512*	*1.417*	*2.480*		*1.291*	*1.890*	*2.480*			*290*		
	16	7	1	6	A2B20-40 16 100	16.0	100.0	13.0	73.0	100.0		32.8	48.0	63.0		30°	20	1.60	1
						.630	*3.937*	*.512*	*2.874*	*3.937*		*1.291*	*1.890*	*2.480*			*290*		
	20	7	1	6	A2B20-40 20 063	20.0	63.0	13.0	36.0	63.0		36.8	52.0	63.0		30°	20	1.30	1
						.787	*2.480*	*.512*	*1.417*	*2.480*		*1.449*	*2.047*	*2.480*			*290*		
	20	7	1	6	A2B20-40 20 100	20.0	100.0	13.0	73.0	100.0		36.8	52.0	63.0		30°	20	1.60	1
						.787	*3.937*	*.512*	*2.874*	*3.937*		*1.449*	*2.047*	*2.480*			*290*		
	25	7	1	6	A2B20-40 25 090	25.0	90.0	13.0	63.0	90.0		43.8	59.0	63.0		30°	20	2.14	1
						.984	*3.543*	*.512*	*2.480*	*3.543*		*1.724*	*2.323*	*2.480*			*290*		
	25	7	1	6	A2B20-40 25 160	25.0	160.0	13.0	133.0	160.0		43.8	59.0	63.0		30°	20	3.00	1
						.984	*6.299*	*.512*	*5.236*	*6.299*		*1.724*	*2.323*	*2.480*			*290*		
	32	7	1	3	A2B20-40 32 100	32.0	100.0	12.0	100.0			58.0	72.0			30°	20	2.14	1
						1.260	*3.937*	*.472*	*3.937*			*2.283*	*2.835*				*290*		

P11 Q1 Q35 Q31

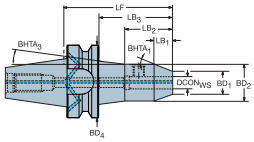
MAS-BT 403 to Weldon adaptor

Machine side interface compatible with JIS B 6339

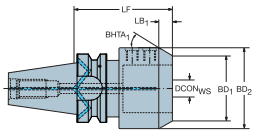
Workpiece side interface DIN 6535-HB and DIN 1835-B



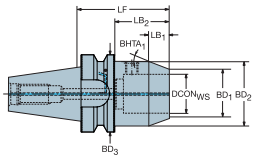
DSGN 14



3



6



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	LB$_4$	BD$_1$	BD$_2$	BD$_3$	BD$_4$	BHTA$_1$	CP Bar/PSI	Kg	BBD
50	6	7	1	6	A2B20-50 06 063	6.0	63.0	11.0	19.0	63.0		12.1	25.0	100.0		30°	20	3.01	1
						.236	*2.480*	*.433*	*.748*	*2.480*		*.476*	*.984*	*3.937*			*290*		
	8	7	1	6	A2B20-50 08 063	8.0	63.0	11.0	19.0	63.0		15.1	28.0	100.0		30°	20	3.04	1
						.315	*2.480*	*.433*	*.748*	*2.480*		*.594*	*1.102*	*3.937*			*290*		
	10	7	1	6	A2B20-50 10 070	10.0	70.0	13.0	26.0	70.0		19.8	35.0	100.0		30°	20	3.06	1
						.394	*2.756*	*.512*	*1.024*	*2.756*		*.780*	*1.378*	*3.937*			*290*		
	12	7	1	6	A2B20-50 12 080	12.0	80.0	13.0	36.0	80.0		26.8	42.0	100.0		30°	20	3.06	1
						.472	*3.150*	*.512*	*1.417*	*3.150*		*1.055*	*1.654*	*3.937*			*290*		
	16	7	1	6	A2B20-50 16 080	16.0	80.0	13.0	36.0	80.0		32.8	48.0	100.0		30°	20	3.06	1
						.630	*3.150*	*.512*	*1.417*	*3.150*		*1.291*	*1.890*	*3.937*			*290*		
	20	7	1	6	A2B20-50 20 080	20.0	80.0	13.0	36.0	80.0		36.8	52.0	100.0		30°	20	3.06	1
						.787	*3.150*	*.512*	*1.417*	*3.150*		*1.449*	*2.047*	*3.937*			*290*		
	20	7	1	6	A2B20-50 20 100	20.0	100.0	13.0	56.0	100.0		36.8	52.0	100.0		30°	20	3.07	1
						.787	*3.937*	*.512*	*2.205*	*3.937*		*1.449*	*2.047*	*3.937*			*290*		
	25	7	1	6	A2B20-50 25 100	25.0	100.0	13.0	62.0	100.0		49.8	65.0	100.0		30°	20	3.07	1
						.984	*3.937*	*.512*	*2.441*	*3.937*		*1.961*	*2.559*	*3.937*			*290*		
	25	7	1	14	A2B20-50 25 160	25.0	160.0	13.0	67.0	122.0	160.0	49.8	65.0	65.0	100.0	30°	20	4.70	1
						.984	*6.299*	*.512*	*2.638*	*4.803*	*6.299*	*1.961*	*2.559*	*2.559*	*3.937*		*290*		
	32	7	1	6	A2B20-50 32 105	32.0	105.0	12.0	67.0	105.0		58.0	72.0	100.0		30°	20	4.70	1
						1.260	*4.134*	*.472*	*2.638*	*4.134*		*2.283*	*2.835*	*3.937*			*290*		
	32	7	1	6	A2B20-50 32 160	32.0	160.0	12.0	122.0	160.0		58.0	72.0	100.0		30°	20	4.70	1
						1.260	*6.299*	*.472*	*4.803*	*6.299*		*2.283*	*2.835*	*3.937*			*290*		
	40	7	1	6	A2B20-50 40 115	40.0	115.0	15.0	77.0	115.0		60.5	78.0	100.0		30°	20	4.70	1
						1.575	*4.528*	*.591*	*3.032*	*4.528*		*2.382*	*3.071*	*3.937*			*290*		

P11 Q1 Q35 Q31

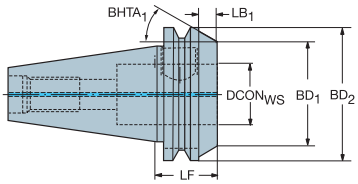
MAS-BT 403 to Weldon adaptor

Short version

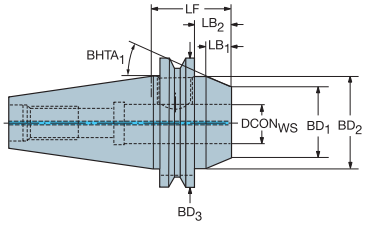
Machine side interface compatible with JIS B 6339



DSGN 3



6



Metric bore

CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch									CP Bar/PSI	Kg	BBD
						$DCON_{WS}$	LF	LB_1	LB_2	LB_3	BD_1	BD_2	BD_3	$BHTA_1$			
40	16	1	1	3	A2X20-40 16 035	16.0	35.0	8.0	35.0		38.6	63.0		30°	20	0.81	1
						.630	*1.378*	*.315*	*1.378*		*1.520*	*2.480*			*290*		
	18	1	1	3	A2X20-40 18 035	18.0	35.0	8.0	35.0		40.6	63.0		30°	20	0.81	1
						.709	*1.378*	*.315*	*1.378*		*1.598*	*2.480*			*290*		
	20	1	1	3	A2X20-40 20 035	20.0	35.0	8.0	35.0		42.8	63.0		30°	20	0.81	1
						.787	*1.378*	*.315*	*1.378*		*1.685*	*2.480*			*290*		
	25	1	1	6	A2X20-40 25 060	25.0	60.0	10.0	33.0	60.0	47.4	59.0	63.0	30°	20	1.30	1
						.984	*2.362*	*.394*	*1.299*	*2.362*	*1.866*	*2.323*	*2.480*		*290*		
	32	1	1	6	A2X20-40 32 065	32.0	65.0	12.0	38.0	65.0	45.1	59.0	63.0	30°	20	1.60	1
						1.260	*2.559*	*.472*	*1.496*	*2.559*	*1.776*	*2.323*	*2.480*		*290*		

P11 Q1 Q35 Q31

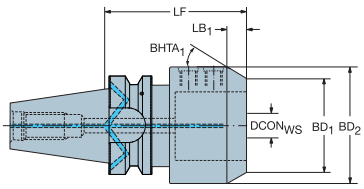
MAS-BT 403 to Weldon adaptor

Machine side interface compatible with JIS B 6339

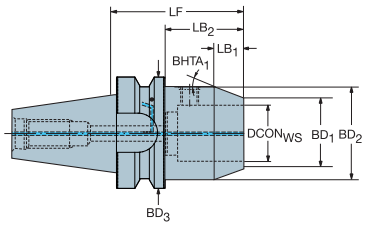
Workpiece side interface ANSI B94.19



DSGN 3



6



Inch bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_1$	CP Bar/PSI	Kg	BBD
30	1/8	1	1	6	AA220-30 03 060	3.2	60.5	2.8	38.3	60.3	15.7	19.1	46.0	30°	20	0.50	1
						.125	*2.380*	*.110*	*1.510*	*2.375*	*.618*	*.750*	*1.811*		*290*		
	1/4	1	1	6	AA220-30 06 060	6.4	60.5	6.4	38.3	60.3	13.2	20.6	46.0	30°	20	0.50	1
						.250	*2.380*	*.252*	*1.510*	*2.375*	*.520*	*.810*	*1.811*		*290*		
	3/8	1	1	6	AA220-30 09 060	9.5	60.5	9.7	38.3	60.3	24.2	35.1	46.0	30°	20	0.59	1
						.375	*2.380*	*.382*	*1.510*	*2.375*	*.953*	*1.380*	*1.811*		*290*		
	1/2	1	1	6	AA220-30 13 060	12.7	60.5	9.7	38.3	60.3	23.9	35.1	46.0	30°	20	0.59	1
						.500	*2.380*	*.382*	*1.510*	*2.375*	*.941*	*1.380*	*1.811*		*290*		
40	3/8	7	1	6	AA2B20-40 09 057	9.5	57.2	2.8	30.2	57.2	19.8	25.4	63.0	45°	20	0.80	1
						.375	*2.250*	*.110*	*1.189*	*2.250*	*.780*	*1.000*	*2.480*		*290*		
	1/2	7	1	6	AA2B20-40 13 057	12.7	57.2	4.5	30.2	57.2	22.6	31.8	63.0	45°	20	1.05	1
						.500	*2.250*	*.177*	*1.189*	*2.250*	*.890*	*1.252*	*2.480*		*290*		
	5/8	7	1	6	AA2B20-40 16 057	15.9	57.2	5.8	30.2	57.2	26.4	38.1	63.0	45°	20	1.05	1
						.625	*2.250*	*.228*	*1.189*	*2.250*	*1.039*	*1.500*	*2.480*		*290*		
	3/4	7	1	6	AA2B20-40 19 086	19.1	85.7	7.6	58.8	85.7	29.2	44.4	63.5	45°	20	1.28	1
						.750	*3.375*	*.299*	*2.315*	*3.374*	*1.150*	*1.748*	*2.500*		*290*		
	1	7	1	6	AA2B20-40 25 101	25.4	101.6	7.6	74.6	101.6	35.6	50.8	63.5	45°	20	1.59	1
						1.000	*4.000*	*.299*	*2.937*	*4.000*	*1.402*	*2.000*	*2.500*		*290*		
	1 1/4	7	1	3	AA2B20-40 32 101	31.8	101.6	10.7	101.6		42.2	63.5		45°	20	2.12	1
						1.250	*4.000*	*.421*	*4.000*		*1.661*	*2.500*			*290*		

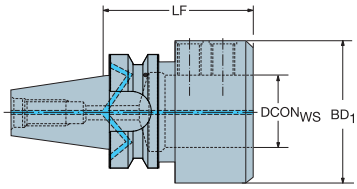
P11 Q1 Q35 Q31

MAS-BT 403 to ISO 9766 adaptor

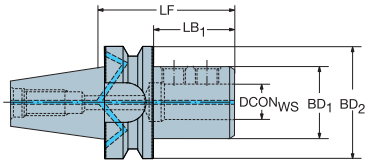
Machine side interface compatible with JIS B 6339



DSGN 1



DSGN 2



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD
30	16	1	1	2	A227-30 16 080	16.0	80.0	58.0	80.0	36.0	46.0	20	0.20	1
						.630	*3.150*	*2.283*	*3.150*	*1.417*	*1.811*	*290*		
	20	1	1	2	A227-30 20 080	20.0	80.0	58.0	80.0	40.0	46.0	20	0.79	1
						.787	*3.150*	*2.283*	*3.150*	*1.575*	*1.811*	*290*		
	25	1	1	2	A227-30 25 085	25.0	85.0	61.0	85.0	45.0	46.0	20	0.89	1
						.984	*3.346*	*2.402*	*3.346*	*1.772*	*1.811*	*290*		
	32	1	1	1	A227-30 32 090	32.0	90.0	90.0		52.0		20	1.00	1
						1.260	*3.543*	*3.543*		*2.047*		*290*		
40	16	7	1	2	A2B27-40 16 070	16.0	70.0	43.0	70.0	36.0	63.0	20	1.06	1
						.630	*2.756*	*1.693*	*2.756*	*1.417*	*2.480*	*290*		
	20	7	1	2	A2B27-40 20 075	20.0	75.0	48.0	75.0	40.0	63.0	20	1.30	1
						.787	*2.953*	*1.890*	*2.953*	*1.575*	*2.480*	*290*		
	25	7	1	2	A2B27-40 25 080	25.0	80.0	53.0	80.0	45.0	63.0	20	1.30	1
						.984	*3.150*	*2.087*	*3.150*	*1.772*	*2.480*	*290*		
	32	7	1	2	A2B27-40 32 085	32.0	85.0	58.0	85.0	52.0	63.0	20	1.30	1
						1.260	*3.346*	*2.283*	*3.346*	*2.047*	*2.480*	*290*		
50	16	7	1	2	A2B27-50 16 080	16.0	80.0	42.0	80.0	36.0	100.0	20	3.02	1
						.630	*3.150*	*1.654*	*3.150*	*1.417*	*3.937*	*290*		
	20	7	1	2	A2B27-50 20 085	20.0	85.0	47.0	85.0	40.0	100.0	20	3.03	1
						.787	*3.346*	*1.850*	*3.346*	*1.575*	*3.937*	*290*		
	25	7	1	2	A2B27-50 25 090	25.0	90.0	52.0	90.0	45.0	100.0	20	3.04	1
						.984	*3.543*	*2.047*	*3.543*	*1.772*	*3.937*	*290*		
	32	7	1	2	A2B27-50 32 095	32.0	95.0	57.0	95.0	52.0	100.0	20	3.05	1
						1.260	*3.740*	*2.244*	*3.740*	*2.047*	*3.937*	*290*		
	40	7	1	2	A2B27-50 40 105	40.0	105.0	67.0	105.0	76.0	100.0	20	3.00	1
						1.575	*4.134*	*2.638*	*4.134*	*2.992*	*3.937*	*290*		
	50	7	1	2	A2B27-50 50 113	50.0	113.0	75.0	113.0	76.0	100.0	20	4.70	1
						1.969	*4.449*	*2.953*	*4.449*	*2.992*	*3.937*	*290*		

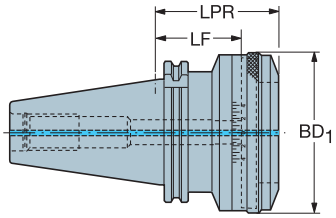
P11 Q1 Q35 Q31

MAS-BT 403 to ISO 9766 adjustable adaptor

Machine side interface compatible with JIS B 6339

DSGN 1





CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch $DCON_{WS}$	LF	LB_1	BD_1	CP Bar/PSI	Kg
40	1	1	1	1	392.55277-40 01 055A	78.0	55.0	79.6	86.0	20	2.10
						3.071	*2.165*	*3.134*	*3.386*	*290*	
50	2	1	1	1	392.58277-50 02 063A	98.0	63.0	87.6	106.0	20	4.50
						3.858	*2.480*	*3.449*	*4.173*	*290*	
	3	1	1	1	392.58277-50 03 080B	136.0	80.0	90.0	140.0	20	14.80
						5.354	*3.150*	*3.543*	*5.512*	*290*	

 P41

 P11

ISO 13399 Q1

CNSC CXSC Q35

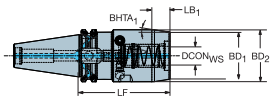
MAS-BT 403 to CoroChuck™ 930

Heavy Duty design

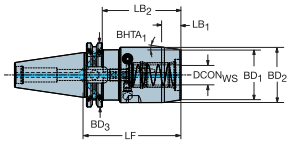
Machine side interface compatible with JIS B 6339



DSGN 3



6



Metric bore

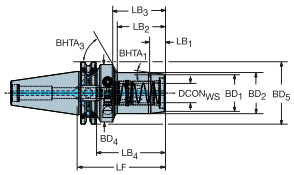
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_1$	CP Bar/PSI	Kg	BBD	RPMX
40	20	7	1	6	930-B40-HD-20-088	20.0	88.0	17.8	61.0	88.0	50.0	55.0	63.0	8°	80	1.97	1	18000
						.787	*3.465*	*.701*	*2.402*	*3.465*	*1.969*	*2.165*	*2.480*		*1160*			
	25	7	1	3	930-B40-HD-25-094	25.0	94.0	18.8	94.0		57.0	65.0		12°	80	2.45	1	18000
						.984	*3.701*	*.740*	*3.701*		*2.244*	*2.559*			*1160*			
50	20	7	1	6	930-B50-HD-20-102	20.0	102.0	17.8	64.0	102.0	50.0	55.0	100.0	8°	80	4.73	1	12000
						.787	*4.016*	*.701*	*2.520*	*4.016*	*1.969*	*2.165*	*3.937*		*1160*			
	25	7	1	6	930-B50-HD-25-106	25.0	106.0	18.8	68.0	106.0	57.0	65.0	100.0	12°	80	5.18	1	12000
						.984	*4.173*	*.740*	*2.677*	*4.173*	*2.244*	*2.559*	*3.937*		*1160*			
	32	7	1	6	930-B50-HD-32-096	32.0	96.0	18.8	58.0	96.0	68.0	76.0	100.0	12°	80	5.32	1	12000
						1.260	*3.780*	*.740*	*2.283*	*3.780*	*2.677*	*2.992*	*3.937*		*1160*			

Slender design

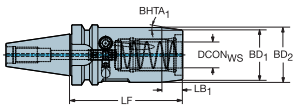
Machine side interface compatible with JIS B 6339



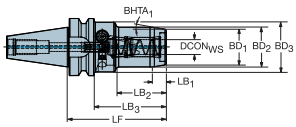
DSGN 20



3



6



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	LB$_4$	BD$_1$	BD$_2$	BD$_3$	BD$_4$	BHTA$_1$	CP Bar/PSI	Kg	BBD	RPMX
30	12	1	1	6	930-B30-S-12-085A	12.0	85.0	11.3	40.0	63.0		28.0	32.0	40.0		10°	80	0.90	1	25000
						.472	*3.346*	*.445*	*1.575*	*2.480*		*1.102*	*1.260*	*1.575*			*1160*			
	20	1	1	3	930-B30-S-20-094A	20.0	94.0	16.0	72.0			38.0	42.0			7°	80	1.08	1	25000
						.787	*3.701*	*.630*	*2.835*			*1.496*	*1.654*				*1160*			
40	12	7	1	20	930-B40-S-12-085	12.0	85.0	11.3	38.2	43.0	58.0	27.9	32.0	32.0	50.0	10°	80	1.44	1	18000
						.472	*3.346*	*.445*	*1.504*	*1.693*	*2.283*	*1.098*	*1.260*	*1.260*	*1.969*		*1160*			
	20	7	1	20	930-B40-S-20-094	20.0	94.0	16.0	49.2	52.2	67.0	37.9	42.0	42.0	50.0	7°	80	1.62	1	18000
						.787	*3.701*	*.630*	*1.937*	*2.055*	*2.638*	*1.492*	*1.654*	*1.654*	*1.969*		*1160*			
50	20	7	1	20	930-B50-S-20-108	20.0	108.0	16.0	49.2	52.2	70.0	37.9	42.0	42.0	50.0	7°	80	4.36	1	12000
						.787	*4.252*	*.630*	*1.937*	*2.055*	*2.756*	*1.492*	*1.654*	*1.654*	*1.969*		*1160*			

P16 P11 P43 Q5 Q1 Q35 Q32

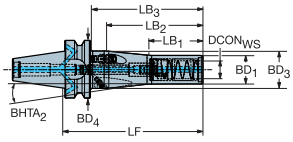
SANDVIK Coromant

MAS-BT 403 to CoroChuck™ 930

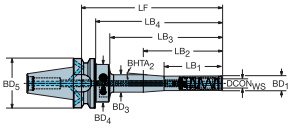
Pencil design
Machine side interface compatible with JIS B 6339



DSGN 11



17



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	LB$_4$	BD$_1$	BD$_2$	BD$_3$	BD$_4$	BHTA$_2$	CP Bar/PSI	Kg	BBD	RPMX
30	6	1	1	11	930-B30-P-06-088	6.0	88.0	45.8	52.1	66.0	88.0	22.0	22.0	40.0	46.0	62°	80	0.58	1	25000
						.236	*3.465*	*1.803*	*2.051*	*2.598*	*3.465*	*.866*	*.866*	*1.575*	*1.811*		*1160*			
	12	1	1	11	930-B30-P-12-103	12.0	103.0	60.8	66.4	81.0	103.0	22.0	22.0	40.0	46.0	55°	80	0.67	1	25000
						.472	*4.055*	*2.394*	*2.614*	*3.189*	*4.055*	*.866*	*.866*	*1.575*	*1.811*		*1160*			
	12	1	1	11	930-B30-P-12-138	12.0	138.0	95.8	101.4	116.0	138.0	22.0	22.0	40.0	46.0	55°	80	0.77	1	25000
						.472	*5.433*	*3.772*	*3.992*	*4.567*	*5.433*	*.866*	*.866*	*1.575*	*1.811*		*1160*			
	12	1	1	17	930-B30-P-12-188	12.0	188.0	50.0	75.0	151.1	166.0	22.0	22.0	26.0	40.0	4°	80	1.03	1	25000
						.472	*7.402*	*1.969*	*2.953*	*5.949*	*6.535*	*.866*	*.866*	*1.024*	*1.575*		*1160*			
40	12	7	1	11	930-B40-P-12-110	12.0	110.0	60.8	66.4	83.0	110.0	22.0	22.0	40.0	63.0	55°	80	1.30	1	18000
						.472	*4.331*	*2.394*	*2.614*	*3.268*	*4.331*	*.866*	*.866*	*1.575*	*2.480*		*1160*			
	12	7	1	11	930-B40-P-12-145	12.0	145.0	95.8	101.4	118.0	145.0	22.0	22.0	40.0	63.0	55°	80	1.40	1	18000
						.472	*5.709*	*3.772*	*3.992*	*4.646*	*5.709*	*.866*	*.866*	*1.575*	*2.480*		*1160*			
	12	7	1	17	930-B40-P-12-195	12.0	195.0	50.0	75.0	151.1	168.0	22.0	22.0	26.0	40.0	4°	80	1.65	1	18000
						.472	*7.677*	*1.969*	*2.953*	*5.949*	*6.614*	*.866*	*.866*	*1.024*	*1.575*		*1160*			
	20	7	1	11	930-B40-P-20-153	20.0	153.0	60.0	108.0	126.0	153.0	32.0	32.0	42.0	63.0	6°	80	1.80	1	18000
						.787	*6.024*	*2.362*	*4.252*	*4.961*	*6.024*	*1.260*	*1.260*	*1.654*	*2.480*		*1160*			

P16 P11 P43 Q1 Q35 Q32

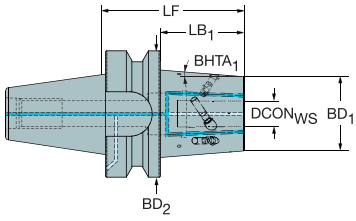
MAS-BT 403 to cylindrical shank with iLock shrink fit chuck

Internal and external coolant supply

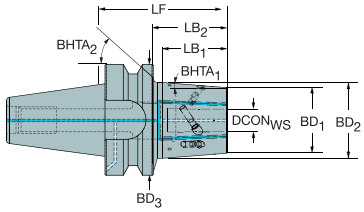
Machine side interface compatible with JIS B 6339



DSGN 3



DSGN 8



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_1$	BHTA$_2$	CP Bar/PSI	Kg	BBD	RPMX
40	12	7	9	8	392.5519Y-40 12 070	12.0	70.0	38.4	43.0	70.0	26.5	32.5	63.0	4°	47°	80	1.20	1	18000
						.472	*2.756*	*1.512*	*1.693*	*2.756*	*1.043*	*1.280*	*2.480*			*1160*			
	16	7	9	8	392.5519Y-40 16 075	16.0	75.0	43.4	48.0	75.0	29.5	36.3	63.0	4°	47°	80	1.40	1	18000
						.630	*2.953*	*1.709*	*1.890*	*2.953*	*1.161*	*1.429*	*2.480*			*1160*			
	20	7	9	8	392.5519Y-40 20 075	20.0	75.0	43.4	48.0	75.0	35.5	42.3	63.0	4°	47°	80	1.50	1	18000
						.787	*2.953*	*1.709*	*1.890*	*2.953*	*1.398*	*1.665*	*2.480*			*1160*			
	25	7	9	3	392.5519Y-40 25 085	25.0	85.0	58.0	85.0		45.5	63.0		4°	0°	80	1.70	1	18000
						.984	*3.346*	*2.283*	*3.346*		*1.791*	*2.480*				*1160*			
50	12	7	9	8	392.5519Y-50 12 100	12.0	100.0	55.9	62.0	100.0	27.0	35.8	100.0	4°	57°	80	2.96	1	12000
						.472	*3.937*	*2.201*	*2.441*	*3.937*	*1.063*	*1.409*	*3.937*			*1160*			
	16	7	9	3	392.5519Y-50 16 100	16.0	100.0	62.0	100.0		33.3	100.0		4°	0°	80	3.06	1	12000
						.630	*3.937*	*2.441*	*3.937*		*1.311*	*3.937*				*1160*			
	20	7	9	3	392.5519Y-50 20 100	20.0	100.0	62.0	100.0		44.7	100.0		4°	0°	80	3.65	1	12000
						.787	*3.937*	*2.441*	*3.937*		*1.760*	*3.937*				*1160*			
	25	7	9	3	392.5519Y-50 25 100	25.0	100.0	62.0	100.0		44.7	100.0		4°	0°	80	3.68	1	12000
						.984	*3.937*	*2.441*	*3.937*		*1.760*	*3.937*				*1160*			

P11 Q1 Q35

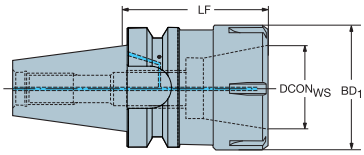
MAS-BT 403 to ER collet chuck

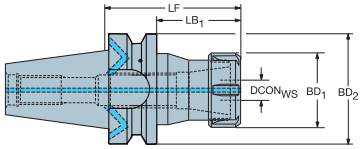
Machine side interface compatible with JIS B 6339

Workpiece side interface DIN 6499-B

DSGN 1 2







CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	RPMX
30	ER11	1	1	2	A2B14-30 11 050	11.4	50.0	28.0	50.0	18.7	46.0	80	0.31	25000
						.449	*1.969*	*1.102*	*1.969*	*.736*	*1.811*	*1160*		
	ER16	1	1	2	A214-30 16 080	17.0	80.0	55.0	80.0	28.0	46.0	80	0.68	25000
						.669	*3.150*	*2.165*	*3.150*	*1.102*	*1.811*	*1160*		
	ER16	1	1	2	A214-30 16 100	17.0	100.0	72.0	100.0	28.0	46.0	80	0.99	25000
						.669	*3.937*	*2.835*	*3.937*	*1.102*	*1.811*	*1160*		
	ER16	1	1	2	A214-30 16 130	17.0	130.0	102.0	130.0	28.0	46.0	80	0.75	25000
						.669	*5.118*	*4.016*	*5.118*	*1.102*	*1.811*	*1160*		
	ER16	1	1	2	A2B14-30 16 050	17.0	50.0	28.0	50.0	27.7	46.0	80	0.31	25000
						.669	*1.969*	*1.102*	*1.969*	*1.091*	*1.811*	*1160*		
	ER20	1	1	2	A214-30 20 090	21.0	90.0	65.0	90.0	34.0	46.0	80	0.92	25000
						.827	*3.543*	*2.559*	*3.543*	*1.339*	*1.811*	*1160*		
	ER20	1	1	2	A214-30 20 130	21.0	130.0	105.0	130.0	34.0	46.0	80	1.21	25000
						.827	*5.118*	*4.134*	*5.118*	*1.339*	*1.811*	*1160*		
	ER20	1	1	2	A2B14-30 20 050	21.0	50.0	28.0	50.0	33.7	46.0	80	0.31	25000
						.827	*1.969*	*1.102*	*1.969*	*1.327*	*1.811*	*1160*		
	ER25	1	1	2	A214-30 25 100	26.0	100.0	78.0	100.0	42.0	46.0	80	1.13	25000
						1.024	*3.937*	*3.071*	*3.937*	*1.654*	*1.811*	*1160*		
	ER25	1	1	2	A214-30 25 130	26.0	130.0	108.0	130.0	42.0	46.0	80	0.54	25000
						1.024	*5.118*	*4.252*	*5.118*	*1.654*	*1.811*	*1160*		
	ER25	1	1	2	A2B14-30 25 062	26.0	62.0	44.4	62.4	41.7	46.0	80	0.49	25000
						1.024	*2.441*	*1.748*	*2.457*	*1.642*	*1.811*	*1160*		
	ER32	1	1	1	A214-30 32 130	33.0	130.0	130.0		50.0		80	0.66	25000
						1.299	*5.118*	*5.118*		*1.969*		*1160*		
	ER32	1	1	1	A2B14-30 32 060	33.0	60.0	60.0		49.7		80	0.31	25000
						1.299	*2.362*	*2.362*		*1.957*		*1160*		
40	ER16	7	1	2	A2B14-40 16 070	17.0	70.0	40.0	70.0	28.0	63.0	80	0.80	18000
						.669	*2.756*	*1.575*	*2.756*	*1.102*	*2.480*	*1160*		
	ER16	7	1	2	A2B14-40 16 100	17.0	100.0	68.0	100.0	28.0	63.0	80	1.06	18000
						.669	*3.937*	*2.677*	*3.937*	*1.102*	*2.480*	*1160*		
	ER20	7	1	2	A2B14-40 20 070	21.0	70.0	40.0	70.0	34.0	63.0	80	0.80	18000
						.827	*2.756*	*1.575*	*2.756*	*1.339*	*2.480*	*1160*		
	ER20	7	1	2	A2B14-40 20 100	21.0	100.0	70.0	100.0	34.0	63.0	80	1.30	18000
						.827	*3.937*	*2.756*	*3.937*	*1.339*	*2.480*	*1160*		
	ER25	7	1	2	A2B14-40 25 070	26.0	70.0	43.0	70.0	42.0	63.0	80	0.80	18000
						1.024	*2.756*	*1.693*	*2.756*	*1.654*	*2.480*	*1160*		
	ER25	7	1	2	A2B14-40 25 100	26.0	100.0	70.0	100.0	42.0	63.0	80	1.30	18000
						1.024	*3.937*	*2.756*	*3.937*	*1.654*	*2.480*	*1160*		
	ER32	7	1	2	A2B14-40 32 070	33.0	70.0	43.0	70.0	50.0	63.0	80	0.80	18000
						1.299	*2.756*	*1.693*	*2.756*	*1.969*	*2.480*	*1160*		
	ER40	7	1	1	A2B14-40 40 070	41.0	70.0	70.0		63.0		80	0.80	18000
						1.614	*2.756*	*2.756*		*2.480*		*1160*		

P20 P11 ISO 13399 Q1 CNSC CXSC Q35 C3 – D C Q31

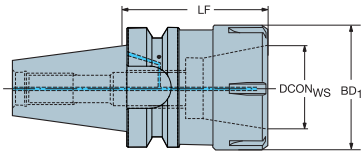
MAS-BT 403 to ER collet chuck

Machine side interface compatible with JIS B 6339

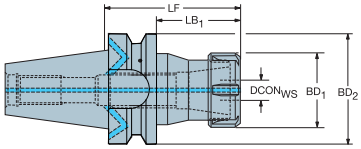
Workpiece side interface DIN 6499-B



DSGN 1



2



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	RPMX
50	ER20	7	1	2	A2B14-50 20 070	21.0	70.0	32.0	70.0	34.0	100.0	80	3.00	12000
						.827	*2.756*	*1.260*	*2.756*	*1.339*	*3.937*	*1160*		
	ER20	7	1	2	A2B14-50 20 100	21.0	100.0	47.0	100.0	34.0	100.0	80	3.00	12000
						.827	*3.937*	*1.850*	*3.937*	*1.339*	*3.937*	*1160*		
	ER25	7	1	2	A2B14-50 25 070	26.0	70.0	32.0	70.0	42.0	100.0	80	3.00	12000
						1.024	*2.756*	*1.260*	*2.756*	*1.654*	*3.937*	*1160*		
	ER25	7	1	2	A2B14-50 25 100	26.0	100.0	47.0	100.0	42.0	100.0	80	3.00	12000
						1.024	*3.937*	*1.850*	*3.937*	*1.654*	*3.937*	*1160*		
	ER32	7	1	2	A2B14-50 32 070	33.0	70.0	32.0	70.0	50.0	100.0	80	3.00	12000
						1.299	*2.756*	*1.260*	*2.756*	*1.969*	*3.937*	*1160*		
	ER32	7	1	2	A2B14-50 32 100	33.0	100.0	47.0	100.0	50.0	100.0	80	3.00	12000
						1.299	*3.937*	*1.850*	*3.937*	*1.969*	*3.937*	*1160*		
	ER40	7	1	2	A2B14-50 40 080	41.0	80.0	42.0	80.0	63.0	100.0	80	3.00	12000
						1.614	*3.150*	*1.654*	*3.150*	*2.480*	*3.937*	*1160*		

 P20

 P11

ISO 13399 Q1

CNSC CXSC Q35

C3 – D C Q31

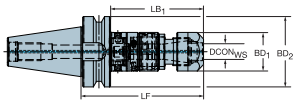
MAS-BT 403 to CoroChuck™ 970

Machine side interface compatible with JIS B 6339

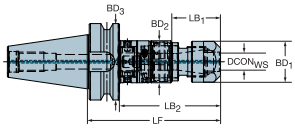
Workpiece side interface DIN 6499-B



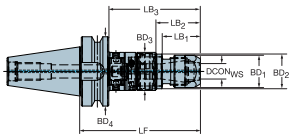
DSGN 2



DSGN 5



DSGN 9



CZC_{MS}	CZC_{WS}	TRMAX	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON	LF	LB_1	LB_2	LB_3	BD_1	BD_2	BD_3	CP Bar/PSI	Kg	RPMX
30	ER11	M5	1	1	9	970-B30-11-082	11	82.0	24.1	60.0	82.0	19.9	23.5	46.0	80	0.52	8000
							.445	*3.228*	*.949*	*2.362*	*3.228*	*.783*	*.925*	*1.811*	*1160*		
	ER20	M12	1	1	5	970-B30-20-105	20	105.2	40.3	83.2	105.2	33.7	34.6	46.0	80	0.81	8000
							.819	*4.142*	*1.587*	*3.276*	*4.142*	*1.327*	*1.362*	*1.811*	*1160*		
	ER25	M20	1	1	5	970-B30-25-125	25	124.6	42.1	102.6	124.6	42.0	44.0	46.0	80	1.20	8000
							1.016	*4.906*	*1.657*	*4.039*	*4.906*	*1.654*	*1.732*	*1.811*	*1160*		
40	ER20	M12	1	1	5	970-B40-20-110	20	110.2	40.3	83.2	110.2	33.7	34.6	63.0	80	1.40	8000
							.819	*4.339*	*1.587*	*3.276*	*4.339*	*1.327*	*1.362*	*2.480*	*1160*		
	ER25	M20	1	1	5	970-B40-25-130	25	129.6	42.1	102.6	129.6	42.0	44.0	63.0	80	1.78	8000
							1.016	*5.102*	*1.657*	*4.039*	*5.102*	*1.654*	*1.732*	*2.480*	*1160*		
50	ER20	M12	1	1	5	970-B50-20-125	20	125.2	40.3	87.2	125.2	33.7	34.6	100.0	80	3.98	8000
							.819	*4.929*	*1.587*	*3.433*	*4.929*	*1.327*	*1.362*	*3.937*	*1160*		
	ER25	M20	1	1	5	970-B50-25-145	25	144.6	42.1	106.6	144.6	42.0	44.0	100.0	80	4.38	8000
							1.016	*5.693*	*1.657*	*4.197*	*5.693*	*1.654*	*1.732*	*3.937*	*1160*		
	ER40	M30	1	1	2	970-B50-40-174	40	174.0	136.0	174.0		62.7	100.0		80	5.66	8000
							1.606	*6.850*	*5.354*	*6.850*		*2.469*	*3.937*		*1160*		

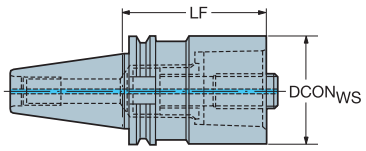
P28 P11 Q1 Q35 Q33

CAT-V to Coromant Capto® adaptor

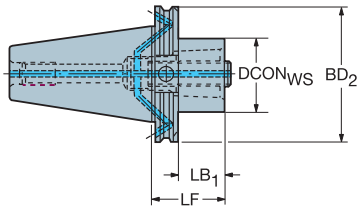
Machine side interface ASME B5.50-2009



DSGN 1



2



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD
40	C3	7	1	2	C3-A390B.45-40 030	32.0	30.0	10.9	30.0	32.0	63.5	80	0.83	1
						1.260	*1.181*	*.429*	*1.181*	*1.260*	*2.500*	*1160*		
	C3	7	1	2	C3-A390B.45-40 060	32.0	60.0	40.9	60.0	32.0	63.5	80	1.00	1
						1.260	*2.362*	*1.610*	*2.362*	*1.260*	*2.500*	*1160*		
	C4	7	1	2	C4-A390B.45-40 030	40.0	30.0	10.9	30.0	40.0	63.5	80	0.83	1
						1.575	*1.181*	*.429*	*1.181*	*1.575*	*2.500*	*1160*		
	C4	7	1	2	C4-A390B.45-40 060	40.0	60.0	40.9	60.0	40.0	63.5	80	1.10	1
						1.575	*2.362*	*1.610*	*2.362*	*1.575*	*2.500*	*1160*		
	C5	7	1	2	C5-A390B.45-40 040	50.0	40.0	20.9	40.0	50.0	63.5	80	0.93	1
						1.969	*1.575*	*.823*	*1.575*	*1.969*	*2.500*	*1160*		
	C5	7	1	2	C5-A390B.45-40 080	50.0	80.0	60.9	80.0	50.0	63.5	80	1.50	1
						1.969	*3.150*	*2.398*	*3.150*	*1.969*	*2.500*	*1160*		
	C6	7	1	2	C6-A390B.45-40 085	63.0	85.0	65.9	85.0	63.0	63.5	80	1.93	1
						2.480	*3.346*	*2.594*	*3.346*	*2.480*	*2.500*	*1160*		
50	C3	7	1	2	C3-A390B.45-50 030	32.0	30.0	10.9	30.0	32.0	98.4	80	2.60	1
						1.260	*1.181*	*.429*	*1.181*	*1.260*	*3.874*	*1160*		
	C3	7	1	2	C3-A390B.45-50 060	32.0	60.0	40.9	60.0	32.0	98.4	80	2.71	1
						1.260	*2.362*	*1.610*	*2.362*	*1.260*	*3.874*	*1160*		
	C4	7	1	2	C4-A390B.45-50 030	40.0	30.0	10.9	30.0	40.0	98.4	80	2.62	1
						1.575	*1.181*	*.429*	*1.181*	*1.575*	*3.874*	*1160*		
	C4	7	1	2	C4-A390B.45-50 060	40.0	60.0	40.9	60.0	40.0	98.4	80	2.83	1
						1.575	*2.362*	*1.610*	*2.362*	*1.575*	*3.874*	*1160*		
	C5	7	1	2	C5-A390B.45-50 030	50.0	30.0	10.9	30.0	50.0	98.4	80	2.60	1
						1.969	*1.181*	*.429*	*1.181*	*1.969*	*3.874*	*1160*		
	C5	7	1	2	C5-A390B.45-50 070	50.0	70.0	50.9	70.0	50.0	98.4	80	3.10	1
						1.969	*2.756*	*2.004*	*2.756*	*1.969*	*3.874*	*1160*		
	C6	7	1	2	C6-A390B.45-50 030	63.0	30.0	10.9	30.0	63.0	98.4	80	2.51	1
						2.480	*1.181*	*.429*	*1.181*	*2.480*	*3.874*	*1160*		
	C6	7	1	2	C6-A390B.45-50 080	63.0	80.0	60.9	80.0	63.0	98.4	80	3.60	1
						2.480	*3.150*	*2.398*	*3.150*	*2.480*	*3.874*	*1160*		
	C8	7	1	2	C8-A390B.45-50 070	80.0	70.0	50.9	70.0	80.0	98.4	80	3.73	1
						3.150	*2.756*	*2.004*	*2.756*	*3.150*	*3.874*	*1160*		
	C8	7	1	2	C8-A390B.45-50 120	80.0	120.0	100.9	120.0	80.0	98.4	80	5.55	1
						3.150	*4.724*	*3.972*	*4.724*	*3.150*	*3.874*	*1160*		
	C10	7	1	1	C10-A390.44-50 140	100.0	140.0	140.0		100.0		80	7.76	0
						3.937	*5.512*	*5.512*		*3.937*		*1160*		

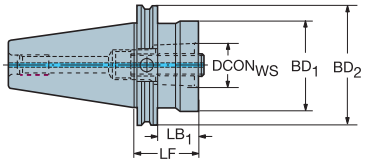
P43 P11 ISO 13399 Q1 CNSC CXSC Q35

CAT-V to Coromant Capto® adaptor

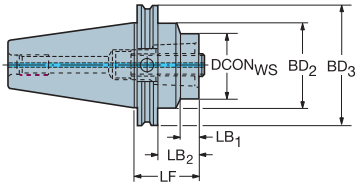
Machine side interface compatible with ASME B5.50-1985



DSGN 2



DSGN 5



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	CP Bar/PSI	Kg
45	C5	1	1	5	C5-A390.45-45 040	50.0	40.0	2.8	20.9	40.0	50.0	57.4	82.6	80	1.70
						1.969	*1.575*	*.110*	*.823*	*1.575*	*1.969*	*2.260*	*3.252*	*1160*	
	C6	1	1	2	C6-A390.45-45 050	63.0	50.0	30.9	50.0		63.0	82.5		80	4.10
						2.480	*1.969*	*1.217*	*1.969*		*2.480*	*3.248*		*1160*	
60	C8	1	1	5	C8-A390.45-60 050	80.0	50.0	3.8	30.9	50.0	80.0	108.2	139.7	80	9.70
						3.150	*1.969*	*.150*	*1.217*	*1.969*	*3.150*	*4.260*	*5.500*	*1160*	
	C10	1	1	5	C10-A390.45-60 050	100.0	50.0	10.5	30.9	50.0	100.0	108.0	139.7	80	9.00
						3.937	*1.969*	*.413*	*1.217*	*1.969*	*3.937*	*4.252*	*5.500*	*1160*	

 P43

 P11

ISO 13399 Q1

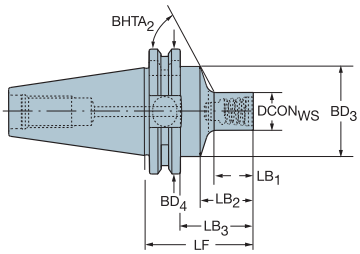
CNSC CXSC Q35

CAT-V to Coromant EH adaptor

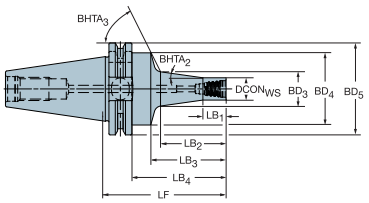
Machine side interface compatible with ASME B5.50-1985



DSGN 11



DSGN 18



Inch version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	LB$_4$	BD$_1$	BD$_2$	BD$_3$	BD$_4$	BHTA$_2$	CP Bar/PSI	Kg	BBD	RPMX
40	E10	1	1	11	A392.45EH-40 10 056	9.2	56.0	12.0	21.0	36.9	56.0	9.2	9.2	44.5	63.5	63°	80	1.06	1	18000
						.360	*2.205*	*.472*	*.827*	*1.453*	*2.205*	*.360*	*.360*	*1.752*	*2.500*		*1160*			
	E10	1	1	18	A392.45EH-40 10 068	9.2	68.0	9.5	25.7	33.0	48.9	9.2	9.2	13.7	44.4	8°	80	1.06	1	18000
						.360	*2.677*	*.374*	*1.012*	*1.299*	*1.925*	*.360*	*.360*	*.539*	*1.748*		*1160*			
	E12	1	1	11	A392.45EH-40 12 060	12.2	60.0	16.4	25.0	40.9	60.0	12.2	12.2	44.4	63.5	62°	80	1.06	1	18000
						.480	*2.362*	*.646*	*.984*	*1.610*	*2.362*	*.480*	*.480*	*1.748*	*2.500*		*1160*			
	E12	1	1	18	A392.45EH-40 12 078	12.2	78.0	12.7	36.4	43.0	58.9	12.2	12.2	18.9	44.4	8°	80	1.10	1	18000
						.480	*3.071*	*.500*	*1.433*	*1.693*	*2.319*	*.480*	*.480*	*.744*	*1.748*		*1160*			
	E16	1	1	11	A392.45EH-40 16 065	15.4	65.0	21.8	30.0	45.9	65.0	15.4	15.4	44.4	63.5	61°	80	1.08	1	18000
						.606	*2.559*	*.858*	*1.181*	*1.807*	*2.559*	*.606*	*.606*	*1.748*	*2.500*		*1160*			
	E16	1	1	18	A392.45EH-40 16 086	15.4	86.0	15.8	45.1	51.0	66.9	15.4	15.4	23.6	44.4	8°	80	1.13	1	18000
						.606	*3.386*	*.622*	*1.776*	*2.008*	*2.634*	*.606*	*.606*	*.929*	*1.748*		*1160*			
	E20	1	1	11	A392.45EH-40 20 060	18.4	60.0	17.2	25.0	40.9	60.0	18.4	18.4	44.4	63.5	60°	80	1.08	1	18000
						.724	*2.362*	*.677*	*.984*	*1.610*	*2.362*	*.724*	*.724*	*1.748*	*2.500*		*1160*			
	E20	1	1	18	A392.45EH-40 20 096	18.4	96.0	19.0	55.7	61.0	76.9	18.4	18.4	28.7	44.4	8°	80	1.20	1	18000
						.724	*3.780*	*.748*	*2.193*	*2.402*	*3.028*	*.724*	*.724*	*1.130*	*1.748*		*1160*			
	E25	1	1	11	A392.45EH-40 25 068	24.4	68.0	26.0	33.0	48.9	68.0	24.4	24.4	44.4	63.5	56°	80	1.12	1	18000
						.961	*2.677*	*1.024*	*1.299*	*1.925*	*2.677*	*.961*	*.961*	*1.748*	*2.500*		*1160*			
	E25	1	1	18	A392.45EH-40 25 114	24.4	114.0	25.4	76.3	79.0	94.9	24.4	24.4	38.7	44.4	8°	80	1.42	1	18000
						.961	*4.488*	*1.000*	*3.004*	*3.110*	*3.736*	*.961*	*.961*	*1.524*	*1.748*		*1160*			

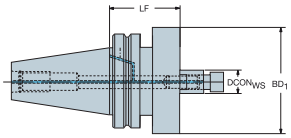
P11 Q1 Q35 Q30

CAT-V to arbor adaptor

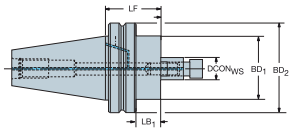
Machine side interface compatible with ASME B5.50-1985



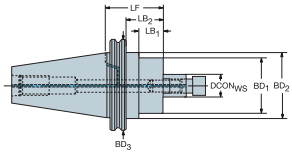
DSGN 1



2



5



Metric pilot

CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DBC	$DCON_{WS}$	LF	LB_1	LB_2	BD_1	BD_2	CP Bar/PSI	Kg	BBD
40	16	7	1	2	AA3B05-40 16 035		16.0	35.0	15.9	35.0	36.0	63.6	80	0.93	1
							.630	*1.378*	*.626*	*1.378*	*1.417*	*2.502*	*1160*		
	22	7	1	2	AA3B05-40 22 035		22.0	35.0	15.9	35.0	43.5	63.6	80	1.00	1
							.866	*1.378*	*.626*	*1.378*	*1.711*	*2.502*	*1160*		
	27	7	1	2	AA3B05-40 27 050		27.0	50.0	30.9	50.0	60.0	63.6	80	1.10	1
							1.063	*1.969*	*1.217*	*1.969*	*2.362*	*2.502*	*1160*		
	32	7	1	1	AA3B05-40 32 050		32.0	50.0	50.0		78.0		80	1.59	1
							1.260	*1.969*	*1.969*		*3.071*		*1160*		
50	22	7	1	2	AA3B05-50 22 035		22.0	35.0	15.9	35.0	43.5	98.4	80	2.95	1
							.866	*1.378*	*.626*	*1.378*	*1.711*	*3.875*	*1160*		
	27	7	1	2	AA3B05-50 27 035		27.0	35.0	15.9	35.0	60.0	98.4	80	3.00	1
							1.063	*1.378*	*.626*	*1.378*	*2.362*	*3.875*	*1160*		
	32	7	1	2	AA3B05-50 32 050		32.0	50.0	30.9	50.0	78.0	98.4	80	3.20	1
							1.260	*1.969*	*1.217*	*1.969*	*3.071*	*3.875*	*1160*		
	40S	7	1	2	AA3B05-50 40 050	66.7	40.0	50.0	30.9	50.0	89.0	98.4	80	3.95	1
						2.626	*1.575*	*1.969*	*1.217*	*1.969*	*3.504*	*3.875*	*1160*		

Inch pilot

CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DBC	$DCON_{WS}$	LF	LB_1	LB_2	LB_3	BD_1	BD_2	BD_3	CP Bar/PSI	Kg	BBD
40	3/4	7	1	2	AA3B05-40 19 038		19.1	38.1	15.9	38.1		44.5	63.6		80	1.05	1
							.750	*1.500*	*.626*	*1.500*		*1.750*	*2.502*		*1160*		
	1	7	1	2	AA3B05-40 25 051		25.4	50.8	31.7	50.8		57.2	63.6		80	1.28	1
							1.000	*2.000*	*1.250*	*2.000*		*2.250*	*2.502*		*1160*		
	1 1/4	7	1	1	AA3B05-40 32 057		31.8	57.2	57.1			69.9			80	1.59	1
							1.250	*2.250*	*2.250*			*2.750*			*1160*		
	1 1/2	7	1	1	AA3B05-40 38 061		38.1	61.0	60.9			95.3			80	2.12	1
							1.500	*2.400*	*2.400*			*3.750*			*1160*		
50	3/4	7	1	5	AA3B05-50 19 038		19.1	38.1	3.0	19.0	38.1	44.4	69.8	98.4	80	2.90	1
							.750	*1.500*	*.118*	*.748*	*1.500*	*1.748*	*2.748*	*3.875*	*1160*		
	3/4	7	1	5	AA3B05-50 19 089		19.1	88.9	53.8	69.8	88.9	44.4	69.8	98.4	80	2.90	1
							.750	*3.500*	*2.118*	*2.748*	*3.500*	*1.748*	*2.748*	*3.875*	*1160*		
	1	7	1	5	AA3B05-50 25 051		25.4	50.8	15.7	31.8	50.8	57.2	69.8	98.4	80	2.90	1
							1.000	*2.000*	*.618*	*1.252*	*2.000*	*2.252*	*2.748*	*3.875*	*1160*		
	1	7	1	5	AA3B05-50 25 101		25.4	101.6	66.5	82.6	101.6	57.2	69.8	98.4	80	2.90	1
							1.000	*4.000*	*2.618*	*3.252*	*4.000*	*2.252*	*2.748*	*3.875*	*1160*		
	1 1/4	7	1	2	AA3B05-50 32 038		31.8	38.1	19.0	38.1		69.9	98.4		80	2.94	1
							1.250	*1.500*	*.750*	*1.500*		*2.750*	*3.875*		*1160*		
	1 1/4	7	1	2	AA3B05-50 32 089		31.8	88.9	69.8	88.9		69.8	98.4		80	2.95	1
							1.250	*3.500*	*2.748*	*3.500*		*2.748*	*3.875*		*1160*		
	1 1/2	7	1	2	AA3B05-50 38 061		38.1	61.0	41.9	61.0		95.3	98.4		80	4.66	1
							1.500	*2.400*	*1.650*	*2.402*		*3.750*	*3.875*		*1160*		
	1 1/2	7	1	2	AA3B05-50 38 101		38.1	101.6	82.6	101.6		95.3	98.4		80	4.67	1
							1.500	*4.000*	*3.252*	*4.000*		*3.750*	*3.875*		*1160*		
	2	7	1	1	AA3B05-50 51 061	101.6	50.8	61.0	60.9			123.8			80	4.67	1
						4.000	*2.000*	*2.400*	*2.400*			*4.875*			*1160*		
	2 1/2	7	1	1	AA3B05-50 63 061	101.6	63.5	61.0	60.9			123.8			80	4.67	1
						4.000	*2.500*	*2.400*	*2.400*			*4.875*			*1160*		

 P13

 P11

ISO 13399 Q1

CNSC CXSC Q35

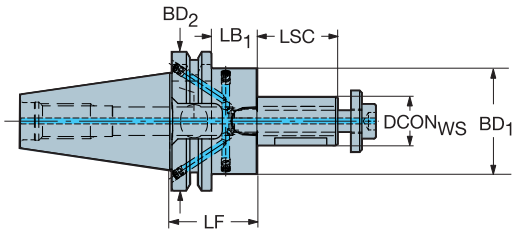
C3 – DC Q31

CAT-V to side and face mill arbor adaptor

Machine side interface compatible with ASME B5.50-1985



DSGN 2



Inch pilot

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LSC	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD
40	1	7	1	2	AA3B10-40 25 055	25.4	50	55.0	35.9	55.0	43.0	63.6	20	1.58	1
						1.000	*1.969*	*2.165*	*1.413*	*2.165*	*1.693*	*2.502*	*290*		
	1 1/4	7	1	2	AA3B10-40 31 060	31.8	60	60.0	40.9	60.0	48.0	63.6	20	1.85	1
						1.250	*2.362*	*2.362*	*1.610*	*2.362*	*1.890*	*2.502*	*290*		
	1 1/2	7	1	2	AA3B10-40 38 060	38.1	60	60.0	40.9	60.0	56.0	63.6	20	1.32	1
						1.500	*2.362*	*2.362*	*1.610*	*2.362*	*2.205*	*2.502*	*290*		

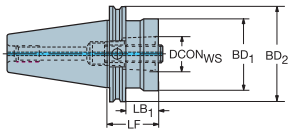
P34 P11 Q1 Q35 Q31

CAT-V to VL adaptor

Machine side interface compatible with ASME B5.50-1985

DSGN 2





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg
50	80	1	1	2	**A390.45-50 80 050M**	80.0	50.0	30.9	50.0	80.0	98.4	20	5.23
						3.150	*1.969*	*1.217*	*1.969*	*3.150*	*3.874*	*290*	

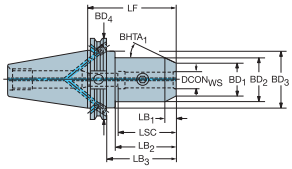
P42 P11 Q1 Q35

CAT-V to Weldon adaptor

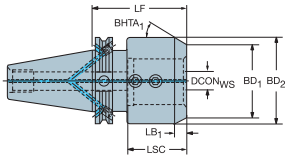
Machine side interface compatible with ASME B5.50-1985



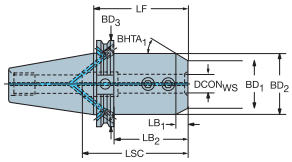
DSGN 10



3



6



Metric bore

CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch $DCON_{WS}$	LF	LB_1	LB_2	LB_3	LB_4	BD_1	BD_2	BD_3	BD_4	$BHTA_1$	CP Bar/PSI	Kg
40	20	7	1	6	392.45520-40 20 089	20.0	88.9	7.6	71.4	90.4		29.2	44.4	63.5		45°	20	1.50
						.787	*3.500*	*.299*	*2.811*	*3.559*		*1.150*	*1.748*	*2.500*			*290*	
	25	7	1	6	392.45520-40 25 100	25.0	101.6	7.6	82.6	101.6		35.6	50.8	63.5		45°	20	2.08
						.984	*4.000*	*.299*	*3.252*	*4.000*		*1.402*	*2.000*	*2.500*			*290*	
	32	7	1	3	392.45520-40 32 100	32.0	101.6	10.8	101.6			41.9	63.5			45°	20	2.08
						1.260	*4.000*	*.425*	*4.000*			*1.650*	*2.500*				*290*	
50	20	7	1	10	392.45520-50 20 095	20.0	95.3	7.6	60.2	76.2	95.2	29.2	44.4	69.8	98.4	45°	20	4.48
						.787	*3.750*	*.299*	*2.370*	*3.000*	*3.748*	*1.150*	*1.748*	*2.750*	*3.874*		*290*	
	25	7	1	10	392.45520-50 25 100	25.0	101.6	7.6	66.5	82.6	101.6	35.6	50.8	69.8	98.4	45°	20	4.49
						.984	*4.000*	*.299*	*2.618*	*3.250*	*4.000*	*1.400*	*2.000*	*2.750*	*3.874*		*290*	
	32	7	1	10	392.45520-50 32 100	32.0	101.6	10.8	66.5	82.6	101.6	41.9	63.5	69.8	98.4	45°	20	4.50
						1.260	*4.000*	*.425*	*2.618*	*3.250*	*4.000*	*1.650*	*2.500*	*2.750*	*3.874*		*290*	
	40	7	1	6	392.45520-50 40 100	40.0	101.6	10.8	82.5	101.6		48.2	69.8	98.4		45°	20	4.50
						1.575	*4.000*	*.425*	*3.250*	*4.000*		*1.898*	*2.748*	*3.874*			*290*	


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ISO 13399 Q1

CNSC CXSC Q35

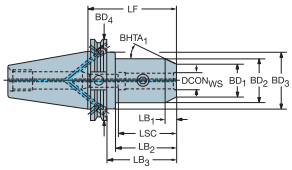
CAT-V to Weldon adaptor

Machine side interface compatible with ASME B5.50-1985

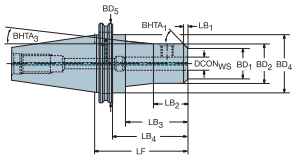
Workpiece side interface ANSI B94.19



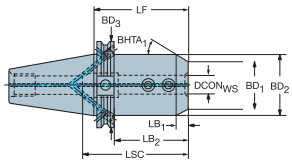
DSGN 10



20



6



Inch bore

						Dimensions, mm, inch											CP Bar/PSI	Kg	
CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	$DCON_{WS}$	LF	LB_1	LB_2	LB_3	LB_4	BD_1	BD_2	BD_3	BD_4	$BHTA_1$			BBD
40	1/8	7	1	6	AA3B20-40 03 044	3.2	44.5	2.0	25.4	44.4		13.4	17.5	63.5		45°	20	0.70	1
						.125	*1.750*	*.079*	*1.000*	*1.748*		*.528*	*.689*	*2.500*			*290*		
	1/4	7	1	10	AA3B20-40 06 063	6.4	63.5	2.8	28.4	44.4	63.5	16.6	22.2	44.4	63.5	45°	20	1.05	1
						.250	*2.500*	*.110*	*1.118*	*1.748*	*2.500*	*.654*	*.874*	*1.748*	*2.500*		*290*		
	3/8	7	1	6	AA3B20-40 09 044	9.5	44.5	2.8	25.4	44.4		19.6	25.4	63.5		45°	20	0.80	1
						.375	*1.750*	*.110*	*1.000*	*1.748*		*.772*	*1.000*	*2.500*			*290*		
	3/8	7	1	10	AA3B20-40 09 063	9.5	63.5	2.8	28.4	44.4	63.5	20.0	25.4	44.4	63.5	45°	20	1.05	1
						.375	*2.500*	*.110*	*1.118*	*1.748*	*2.500*	*.787*	*1.000*	*1.748*	*2.500*		*290*		
	1/2	7	1	6	AA3B20-40 13 044	12.7	44.5	9.4	25.4	44.4		25.7	44.4	63.5		45°	20	0.80	1
						.500	*1.750*	*.370*	*1.000*	*1.748*		*1.012*	*1.748*	*2.500*			*290*		
	1/2	7	1	10	AA3B20-40 13 067	12.7	66.6	4.6	31.5	47.5	66.5	22.6	31.8	44.4	63.5	45°	20	1.05	1
						.500	*2.620*	*.181*	*1.240*	*1.870*	*2.618*	*.890*	*1.252*	*1.748*	*2.500*		*290*		
	5/8	7	1	6	AA3B20-40 16 044	15.9	44.5	9.4	25.4	44.4		25.7	44.4	63.5		45°	20	0.80	1
						.625	*1.750*	*.370*	*1.000*	*1.748*		*1.012*	*1.748*	*2.500*			*290*		
	5/8	7	1	10	AA3B20-40 16 070	15.9	69.9	5.6	34.8	50.8	69.8	26.4	38.1	44.4	63.5	45°	20	1.05	1
						.625	*2.750*	*.220*	*1.370*	*2.000*	*2.748*	*1.039*	*1.500*	*1.748*	*2.500*		*290*		
	3/4	7	1	6	AA3B20-40 19 044	19.1	44.5	9.4	25.4	44.4		25.7	44.4	63.5		45°	20	0.80	1
						.750	*1.750*	*.370*	*1.000*	*1.748*		*1.012*	*1.748*	*2.500*			*290*		
	3/4	7	1	6	AA3B20-40 19 089	19.1	88.9	7.6	69.8	88.9		29.2	44.4	63.5		45°	20	1.29	1
						.750	*3.500*	*.299*	*2.748*	*3.500*		*1.150*	*1.748*	*2.500*			*290*		
	7/8	7	1	6	AA3B20-40 22 095	22.2	95.3	7.6	76.2	95.2		31.8	47.0	63.5		45°	20	1.29	1
						.875	*3.750*	*.299*	*3.000*	*3.748*		*1.252*	*1.850*	*2.500*			*290*		
	1	7	1	6	AA3B20-40 25 044	25.4	44.5	4.3	25.4	44.4		39.8	48.3	63.5		45°	20	0.80	1
						1.000	*1.750*	*.169*	*1.000*	*1.748*		*1.567*	*1.900*	*2.500*			*290*		
	1	7	1	6	AA3B20-40 25 101	25.4	101.6	7.6	82.6	101.6		35.5	50.8	63.5		45°	20	1.29	1
						1.000	*4.000*	*.299*	*3.252*	*4.000*		*1.398*	*2.000*	*2.500*			*290*		
	1 1/4	7	1	3	AA3B20-40 32 101	31.8	101.6	10.6	101.6			42.8	63.5			45°	20	1.60	1
						1.250	*4.000*	*.417*	*4.000*			*1.685*	*2.500*				*290*		
	1 1/2	7	1	3	AA3B20-40 38 101	38.1	101.6	9.1	101.6			48.4	66.7			45°	20	1.60	1
						1.500	*4.000*	*.358*	*4.000*			*1.906*	*2.625*				*290*		
50	3/8	7	1	10	AA3B20-50 09 063	9.5	63.5	2.8	28.4	44.4	63.5	19.6	25.4	69.8	98.4	45°	20	2.92	1
						.375	*2.500*	*.110*	*1.118*	*1.748*	*2.500*	*.772*	*1.000*	*2.748*	*3.874*		*290*		
	3/8	7	1	20	AA3B20-50 09 165	9.5	165.1	2.8	76.2	130.0	146.0	19.6	25.4	25.4	69.8	45°	20	2.92	1
						.375	*6.500*	*.110*	*3.000*	*5.118*	*5.748*	*.772*	*1.000*	*1.000*	*2.748*		*290*		
	1/2	7	1	10	AA3B20-50 13 067	12.7	66.7	4.6	31.6	47.6	66.7	22.4	31.8	69.8	98.4	45°	20	2.92	1
						.500	*2.625*	*.181*	*1.244*	*1.874*	*2.626*	*.882*	*1.252*	*2.748*	*3.874*		*290*		
	1/2	7	1	20	AA3B20-50 13 168	12.7	168.3	4.6	79.5	133.2	149.2	22.4	31.8	31.8	69.8	45°	20	2.92	1
						.500	*6.625*	*.181*	*3.130*	*5.244*	*5.874*	*.882*	*1.252*	*1.252*	*2.748*		*290*		
	5/8	7	1	10	AA3B20-50 16 095	15.9	95.3	5.8	60.2	76.2	95.2	26.4	38.1	69.8	98.4	45°	20	2.92	1
						.625	*3.750*	*.228*	*2.370*	*3.000*	*3.748*	*1.039*	*1.500*	*2.748*	*3.874*		*290*		
	5/8	7	1	20	AA3B20-50 16 197	15.9	196.9	5.8	108.0	161.8	177.8	26.4	38.1	38.1	69.8	45°	20	2.92	1
						.625	*7.750*	*.228*	*4.252*	*6.370*	*7.000*	*1.039*	*1.500*	*1.500*	*2.748*		*290*		
	3/4	7	1	10	AA3B20-50 19 095	19.1	95.3	7.6	60.2	76.2	95.2	29.2	44.4	69.8	98.4	45°	20	2.94	1
						.750	*3.750*	*.299*	*2.370*	*3.000*	*3.748*	*1.150*	*1.748*	*2.748*	*3.874*		*290*		
	3/4	7	1	20	AA3B20-50 19 197	19.1	196.9	7.6	108.0	161.8	177.8	29.2	44.4	44.4	69.8	45°	20	4.66	1
						.750	*7.750*	*.299*	*4.252*	*6.370*	*7.000*	*1.150*	*1.748*	*1.748*	*2.748*		*290*		
	7/8	7	1	10	AA3B20-50 22 095	22.2	95.3	7.6	60.2	76.2	95.2	31.4	47.0	69.8	98.4	45°	20	2.90	1
						.875	*3.750*	*.299*	*2.370*	*3.000*	*3.748*	*1.236*	*1.850*	*2.748*	*3.874*		*290*		

 P11

ISO 13399 Q1

CNSC CXSC Q35

C3 – D C (1 2 3) Q31

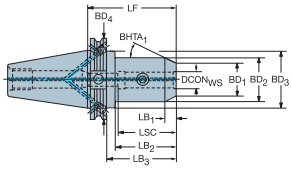
CAT-V to Weldon adaptor

Machine side interface compatible with ASME B5.50-1985

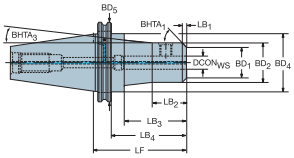
Workpiece side interface ANSI B94.19



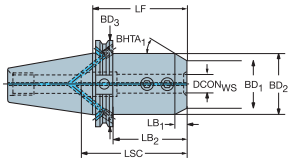
DSGN 10



20



6



Inch bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	LB$_4$	BD$_1$	BD$_2$	BD$_3$	BD$_4$	BHTA$_1$	CP Bar/PSI	Kg	BBD
50	7/8	7	1	20	AA3B20-50 22 197	22.2	196.9	7.6	108.0	161.8	177.8	32.4	47.6	47.6	69.8	45°	20	4.60	1
						.875	*7.750*	*.299*	*4.252*	*6.370*	*7.000*	*1.276*	*1.874*	*1.874*	*2.748*		*290*		
	1	7	1	10	AA3B20-50 25 101	25.4	101.6	7.6	66.5	82.6	101.6	35.5	50.8	69.8	98.4	45°	20	2.91	1
						1.000	*4.000*	*.299*	*2.618*	*3.252*	*4.000*	*1.398*	*2.000*	*2.748*	*3.874*		*290*		
	1	7	1	20	AA3B20-50 25 203	25.4	203.2	7.6	114.3	168.1	184.2	35.5	50.8	50.8	66.8	45°	20	4.60	1
						1.000	*8.000*	*.299*	*4.500*	*6.618*	*7.252*	*1.398*	*2.000*	*2.000*	*2.630*		*290*		
	1 1/4	7	1	10	AA3B20-50 32 101	31.8	101.6	10.7	66.5	82.6	101.6	42.2	63.5	69.8	98.4	45°	20	2.92	1
						1.250	*4.000*	*.421*	*2.618*	*3.252*	*4.000*	*1.661*	*2.500*	*2.748*	*3.874*		*290*		
	1 1/4	7	1	10	AA3B20-50 32 203	31.8	203.2	10.7	168.1	184.2	203.2	42.2	63.5	69.8	98.4	45°	20	4.63	1
						1.250	*8.000*	*.421*	*6.618*	*7.252*	*8.000*	*1.661*	*2.500*	*2.748*	*3.874*		*290*		
	1 1/2	7	1	6	AA3B20-50 38 101	38.1	101.6	10.7	82.6	101.6		48.5	69.8	98.4		45°	20	2.92	1
						1.500	*4.000*	*.421*	*3.252*	*4.000*		*1.909*	*2.748*	*3.874*			*290*		
	1 1/2	7	1	6	AA3B20-50 38 203	38.1	203.2	10.7	184.2	203.2		48.5	69.8	98.4		45°	20	4.64	1
						1.500	*8.000*	*.421*	*7.252*	*8.000*		*1.909*	*2.748*	*3.874*			*290*		
	2	7	1	6	AA3B20-50 51 143	50.8	142.9	10.7	123.8	142.9		73.9	95.2	98.4		45°	20	4.64	1
						2.000	*5.625*	*.421*	*4.874*	*5.626*		*2.909*	*3.748*	*3.874*			*290*		
	2	7	1	6	AA3B20-50 51 244	50.8	244.5	10.7	225.4	244.5		73.9	95.2	98.4		45°	20	4.64	1
						2.000	*9.625*	*.421*	*8.874*	*9.626*		*2.909*	*3.748*	*3.874*			*290*		

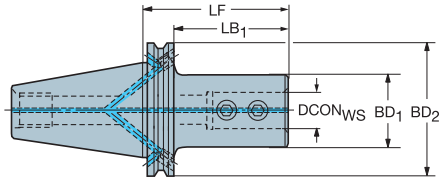
P11 Q1 Q35 Q31

CAT-V to ISO 9766 adaptor

Machine side interface compatible with ASME B5.50-1985



DSGN 2



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD
40	16	7	1	2	A3B27-40 16 080	16.0	80.0	60.9	80.0	36.0	63.5	20	1.35	1
						.630	*3.150*	*2.400*	*3.150*	*1.417*	*2.500*	*290*		
	20	7	1	2	A3B27-40 20 080	20.0	80.0	60.9	80.0	40.0	63.5	20	1.30	1
						.787	*3.150*	*2.400*	*3.150*	*1.575*	*2.500*	*290*		
	25	7	1	2	A3B27-40 25 085	25.0	85.0	65.9	85.0	44.5	63.5	20	1.40	1
						.984	*3.346*	*2.596*	*3.346*	*1.750*	*2.500*	*290*		
	32	7	1	2	A3B27-40 32 090	32.0	90.0	70.9	90.0	52.0	63.5	20	1.50	1
						1.260	*3.543*	*2.793*	*3.543*	*2.047*	*2.500*	*290*		
50	20	7	1	2	A3B27-50 20 080	20.0	80.0	60.9	80.0	40.0	98.4	20	3.00	1
						.787	*3.150*	*2.400*	*3.150*	*1.575*	*3.874*	*290*		
	25	7	1	2	A3B27-50 25 085	25.0	85.0	65.9	85.0	45.0	98.4	20	3.10	1
						.984	*3.346*	*2.596*	*3.346*	*1.772*	*3.874*	*290*		
	32	7	1	2	A3B27-50 32 090	32.0	90.0	70.9	90.0	52.0	98.4	20	3.30	1
						1.260	*3.543*	*2.793*	*3.543*	*2.047*	*3.874*	*290*		
	40	7	1	2	A3B27-50 40 090	40.0	90.0	70.9	90.0	65.0	98.4	20	3.70	1
						1.575	*3.543*	*2.793*	*3.543*	*2.559*	*3.874*	*290*		
	50	7	1	2	A3B27-50 50 110	50.0	110.0	90.9	110.0	75.0	98.4	20	4.20	1
						1.969	*4.331*	*3.581*	*4.331*	*2.953*	*3.874*	*290*		

Inch bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD
40	5/8	7	1	2	AA3B27-40 15 080	15.9	80.0	61.0	80.0	36.0	63.5	20	1.35	1
						.625	*3.150*	*2.402*	*3.150*	*1.417*	*2.500*	*290*		
	3/4	7	1	2	AA3B27-40 19 080	19.1	80.0	61.0	80.0	40.0	63.5	20	1.29	1
						.750	*3.150*	*2.402*	*3.150*	*1.575*	*2.500*	*290*		
	1	7	1	2	AA3B27-40 25 085	25.4	85.0	66.0	85.0	45.0	63.5	20	1.29	1
						1.000	*3.346*	*2.598*	*3.346*	*1.772*	*2.500*	*290*		
	1 1/4	7	1	2	AA3B27-40 32 090	31.8	90.0	71.0	90.0	52.0	63.5	20	1.29	1
						1.250	*3.543*	*2.795*	*3.543*	*2.047*	*2.500*	*290*		
50	3/4	7	1	2	AA3B27-50 19 080	19.1	80.0	61.0	80.0	40.0	98.5	20	2.98	1
						.750	*3.150*	*2.402*	*3.150*	*1.575*	*3.878*	*290*		
	1	7	1	2	AA3B27-50 25 085	25.4	85.0	66.0	85.0	45.0	98.5	20	2.98	1
						1.000	*3.346*	*2.598*	*3.346*	*1.772*	*3.878*	*290*		
	1 1/4	7	1	2	AA3B27-50 32 090	31.8	90.0	71.0	90.0	52.0	98.5	20	2.98	1
						1.250	*3.543*	*2.795*	*3.543*	*2.047*	*3.878*	*290*		
	1 1/2	7	1	2	AA3B27-50 38 090	38.1	90.0	71.0	90.0	65.0	98.5	20	2.98	1
						1.500	*3.543*	*2.795*	*3.543*	*2.559*	*3.878*	*290*		
	2	7	1	2	AA3B27-50 51 110	50.8	110.0	91.0	110.0	75.0	98.5	20	2.98	1
						2.000	*4.331*	*3.583*	*4.331*	*2.953*	*3.878*	*290*		

 P11

 Q1

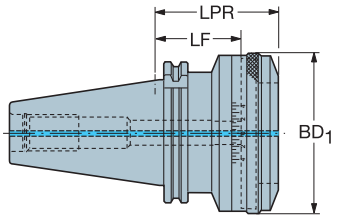
 Q35

 Q31

CAT-V to ISO 9766 adjustable adaptor

Machine side interface compatible with ASME B5.50-1985





CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch $DCON_{WS}$	LF	LB_1	BD_1	CP Bar/PSI	Kg
40	1	1	1	A392.45277-40 01 055A	78.0	55.0	79.6	86.0	20	2.16
					3.071	*2.165*	*3.134*	*3.386*	*290*	
50	2	1	1	A392.45277-50 02 055A	98.0	55.0	76.6	106.0	20	4.78
					3.858	*2.165*	*3.016*	*4.173*	*290*	
	3	1	1	A392.45277-50 03 075A	136.0	75.0	85.0	140.0	20	6.82
					5.354	*2.953*	*3.346*	*5.512*	*290*	

 P41

 P11

 P41

ISO 13399 Q1

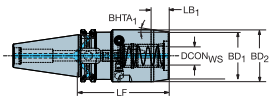
CAT-V to CoroChuck™ 930

Heavy Duty design

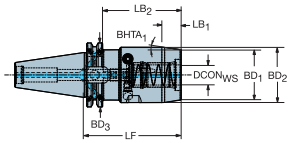
Machine side interface ASME B5.50-2009



DSGN 3



6



Metric bore

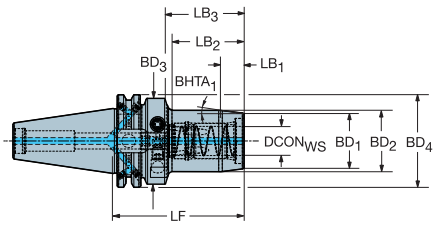
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_1$	CP Bar/PSI	Kg	BBD	RPMX
40	20	7	1	6	930-V40-HD-20-082	20.0	82.0	17.8	62.9	82.0	50.0	55.0	63.5	8°	80	1.85	1	18000
						.787	*3.228*	*.701*	*2.476*	*3.228*	*1.969*	*2.165*	*2.500*		*1160*			
	25	7	1	3	930-V40-HD-25-101	25.0	101.0	18.8	101.0		57.0	65.0		12°	80	2.61	1	18000
						.984	*3.976*	*.740*	*3.976*		*2.244*	*2.559*			*1160*			
50	20	7	1	6	930-V50-HD-20-083	20.0	83.0	17.8	63.9	83.0	50.0	55.0	98.4	8°	80	3.69	1	12000
						.787	*3.268*	*.701*	*2.516*	*3.268*	*1.969*	*2.165*	*3.874*		*1160*			
	25	7	1	6	930-V50-HD-25-087	25.0	87.0	18.8	65.4	87.0	57.0	65.0	98.4	12°	80	4.14	1	12000
						.984	*3.425*	*.740*	*2.575*	*3.425*	*2.244*	*2.559*	*3.874*		*1160*			
	32	7	1	6	930-V50-HD-32-077	32.0	77.0	18.8	57.9	77.0	68.0	76.0	98.4	12°	80	4.28	1	12000
						1.260	*3.032*	*.740*	*2.280*	*3.032*	*2.677*	*2.992*	*3.874*		*1160*			

Slender design

Machine side interface ASME B5.50-2009

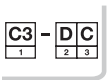


DSGN 10



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	LB$_4$	BD$_1$	BD$_2$	BD$_3$	BD$_4$	BHTA$_1$	CP Bar/PSI	Kg	BBD	RPMX
40	12	7	1	10	930-V40-S-12-080	12.0	80.0	11.3	38.2	60.9	80.0	28.0	32.0	50.0	63.5	10°	80	1.32	1	18000
						.472	*3.150*	*.445*	*1.504*	*2.398*	*3.150*	*1.102*	*1.260*	*1.969*	*2.500*		*1160*			
	20	7	1	10	930-V40-S-20-090	20.0	90.0	16.0	49.2	70.9	90.0	38.0	42.0	50.0	63.5	7°	80	1.52	1	18000
						.787	*3.543*	*.630*	*1.937*	*2.791*	*3.543*	*1.496*	*1.654*	*1.969*	*2.500*		*1160*			
50	20	7	1	10	930-V50-S-20-089	20.0	89.0	16.0	49.2	69.9	89.0	38.0	42.0	50.0	98.4	7°	80	3.33	1	12000
						.787	*3.504*	*.630*	*1.937*	*2.752*	*3.504*	*1.496*	*1.654*	*1.969*	*3.874*		*1160*			

 P16
 P11
 P43
 Q5
 Q1
 Q35
 Q32

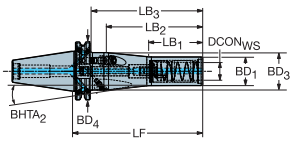
CAT-V to CoroChuck™ 930

Pencil design

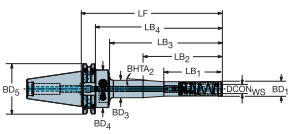
Machine side interface ASME B5.50-2009



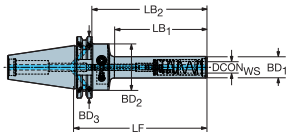
DSGN 11



DSGN 17



DSGN 5



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	LB$_4$	BD$_1$	BD$_2$	BD$_3$	BD$_4$	BHTA$_2$	CP Bar/PSI	Kg	BBD	RPMX
40	12	7	1	5	930-V40-P-12-103	12.0	103.0	60.8	83.9	103.0		22.0	40.0	63.5		0°	80	1.15	1	18000
						.472	*4.055*	*2.394*	*3.303*	*4.055*		*.866*	*1.575*	*2.500*			*1160*			
	12	7	1	5	930-V40-P-12-138	12.0	138.0	95.8	118.9	138.0		22.0	40.0	63.5		0°	80	1.25	1	18000
						.472	*5.433*	*3.772*	*4.681*	*5.433*		*.866*	*1.575*	*2.500*			*1160*			
	12	7	1	17	930-V40-P-12-188	12.0	188.0	50.0	75.0	145.8	168.9	22.0	22.0	26.0	40.0	4°	80	1.50	1	18000
						.472	*7.402*	*1.969*	*2.953*	*5.740*	*6.650*	*.866*	*.866*	*1.024*	*1.575*		*1160*			
	20	7	1	11	930-V40-P-20-145	20.0	145.0	60.0	108.0	125.9	145.0	32.0	32.0	42.0	63.5	5°	80	1.64	1	18000
						.787	*5.709*	*2.362*	*4.252*	*4.957*	*5.709*	*1.260*	*1.260*	*1.654*	*2.500*		*1160*			

P16 P11 P43 Q5 Q1 Q35 Q32

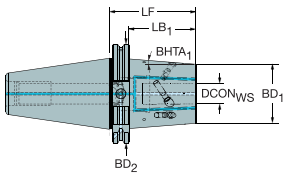
CAT-V to cylindrical shank with iLock shrink fit chuck

Front coolant supply possibility

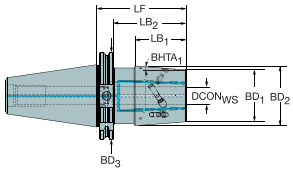
Machine side interface compatible with ASME B5.50-1985



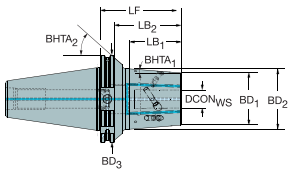
DSGN 3



DSGN 6



DSGN 8



Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_1$	BHTA$_2$	CP Bar/PSI	Kg	BBD	RPMX
40	12	7	9	8	**392.4519Y-40 12 065**	12.0	65.0	41.3	45.9	65.0	26.5	33.0	63.5	4°	47°	80	1.18	1	18000
						.472	*2.559*	*1.626*	*1.807*	*2.559*	*1.043*	*1.299*	*2.502*			*1160*			
	16	7	9	8	**392.4519Y-40 16 065**	16.0	65.0	42.2	45.9	65.0	29.5	36.1	63.5	4°	47°	80	1.18	1	18000
						.630	*2.559*	*1.661*	*1.807*	*2.559*	*1.161*	*1.421*	*2.502*			*1160*			
	20	7	9	3	**392.4519Y-40 20 065**	20.0	65.0	45.9	65.0		35.5	63.6		4°	0°	80	1.18	1	18000
						.787	*2.559*	*1.807*	*2.559*		*1.398*	*2.502*				*1160*			
	25	7	9	6	**392.4519Y-40 25 075**	25.0	75.0	38.2	55.9	75.0	45.5	51.5	63.5	4°	0°	80	1.30	1	18000
						.984	*2.953*	*1.504*	*2.201*	*2.953*	*1.791*	*2.028*	*2.502*			*1160*			
50	12	7	9	8	**392.4519Y-50 12 080**	12.0	80.0	54.7	60.9	80.0	27.0	35.6	98.4	4°	57°	80	2.96	1	12000
						.472	*3.150*	*2.154*	*2.398*	*3.150*	*1.063*	*1.402*	*3.875*			*1160*			
	16	7	9	3	**392.4519Y-50 16 080**	16.0	80.0	60.9	80.0		33.3	98.4		4°	0°	80	3.06	1	12000
						.630	*3.150*	*2.398*	*3.150*		*1.311*	*3.875*				*1160*			
	20	7	9	3	**392.4519Y-50 20 080**	20.0	80.0	60.9	80.0		44.7	98.4		4°	0°	80	3.65	1	12000
						.787	*3.150*	*2.398*	*3.150*		*1.760*	*3.875*				*1160*			
	25	7	9	8	**392.4519Y-50 25 100**	25.0	125.0	67.3	80.9	100.0	44.0	54.6	98.4	4°	26°	80	3.68	1	12000
						.984	*4.921*	*2.650*	*3.185*	*3.937*	*1.732*	*2.150*	*3.875*			*1160*			

P12 Q1 Q35

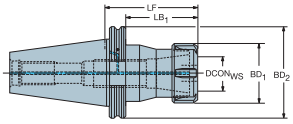
CAT-V to ER collet chuck

Machine side interface compatible with ASME B5.50-1985

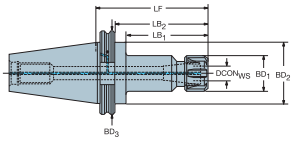
Workpiece side interface DIN 6499-B



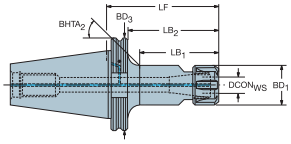
DSGN 2



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7



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_2$	CP Bar/PSI	Kg	RPMX
40	ER11	7	1	7	AA3B14-40 11 070	11.4	70.0	38.2	50.9	70.0	19.0	19.0	63.5	45°	80	0.90	18000
						.449	*2.756*	*1.504*	*2.004*	*2.756*	*.748*	*.748*	*2.502*		*1160*		
	ER16	7	1	2	AA3B14-40 16 067	17.0	66.5	47.5	66.6		27.7	63.6		0°	80	0.95	18000
						.669	*2.620*	*1.872*	*2.622*		*1.092*	*2.502*			*1160*		
	ER16	7	1	5	AA3B14-40 16 105	17.0	104.6	69.6	85.6	104.7	27.7	44.4	63.5	0°	80	1.22	18000
						.669	*4.120*	*2.740*	*3.370*	*4.120*	*1.092*	*1.748*	*2.502*		*1160*		
	ER20	7	1	2	AA3B14-40 20 070	21.0	70.0	50.9	70.0		34.0	63.6		0°	80	0.90	18000
						.827	*2.756*	*2.004*	*2.756*		*1.339*	*2.502*			*1160*		
	ER20	7	1	5	AA3B14-40 20 105	21.0	104.6	69.6	85.6	104.7	34.0	44.4	63.5	0°	80	1.22	18000
						.827	*4.120*	*2.740*	*3.370*	*4.120*	*1.340*	*1.748*	*2.502*		*1160*		
	ER20	7	1	5	AA3B14-40 20 156	21.0	155.4	120.4	136.4	155.5	34.0	44.4	63.5	0°	80	1.29	18000
						.827	*6.120*	*4.740*	*5.370*	*6.120*	*1.340*	*1.748*	*2.502*		*1160*		
	ER25	7	1	2	AA3B14-40 25 070	26.0	70.0	50.9	70.0		42.0	63.6		0°	80	0.90	18000
						1.024	*2.756*	*2.004*	*2.756*		*1.654*	*2.502*			*1160*		
	ER25	7	1	5	AA3B14-40 25 105	26.0	104.6	69.6	85.6	104.7	41.7	44.4	63.5	0°	80	1.32	18000
						1.024	*4.120*	*2.740*	*3.370*	*4.120*	*1.643*	*1.748*	*2.502*		*1160*		
	ER25	7	1	5	AA3B14-40 25 156	26.0	155.4	120.4	136.4	155.5	41.7	44.4	63.5	0°	80	1.60	18000
						1.024	*6.120*	*4.740*	*5.370*	*6.120*	*1.643*	*1.748*	*2.502*		*1160*		
	ER32	7	1	2	AA3B14-40 32 079	33.0	79.2	60.2	79.3		49.7	63.6		0°	80	1.22	18000
						1.299	*3.120*	*2.372*	*3.122*		*1.958*	*2.502*			*1160*		
	ER32	7	1	2	AA3B14-40 32 105	33.0	104.6	85.6	104.6		49.7	63.6		0°	80	1.50	18000
						1.299	*4.120*	*3.370*	*4.120*		*1.958*	*2.502*			*1160*		
	ER32	7	1	2	AA3B14-40 32 160	33.0	160.0	140.9	160.0		50.0	63.6		0°	80	1.30	18000
						1.299	*6.299*	*5.547*	*6.299*		*1.969*	*2.502*			*1160*		
	ER40	7	1	2	AA3B14-40 40 105	41.0	104.6	85.6	104.6		62.7	63.6		0°	80	1.77	18000
						1.614	*4.120*	*3.370*	*4.120*		*2.470*	*2.502*			*1160*		
50	ER16	7	1	5	AA3B14-50 16 105	17.0	104.6	69.6	85.6	104.7	27.7	69.9	98.4	0°	80	3.18	12000
						.669	*4.120*	*2.740*	*3.370*	*4.120*	*1.092*	*2.750*	*3.875*		*1160*		
	ER20	7	1	5	AA3B14-50 20 105	21.0	104.6	69.9	85.6	104.7	34.0	69.9	98.4	0°	80	2.95	12000
						.827	*4.120*	*2.752*	*3.370*	*4.120*	*1.340*	*2.750*	*3.875*		*1160*		
	ER25	7	1	5	AA3B14-50 25 105	26.0	104.6	69.9	85.6	104.7	41.7	69.9	98.4	0°	80	3.36	12000
						1.024	*4.120*	*2.752*	*3.370*	*4.120*	*1.642*	*2.750*	*3.875*		*1160*		
	ER32	7	1	5	AA3B14-50 32 105	33.0	104.6	69.9	85.6	104.7	49.7	69.9	98.4	0°	80	2.97	12000
						1.299	*4.120*	*2.752*	*3.370*	*4.120*	*1.958*	*2.750*	*3.875*		*1160*		
	ER40	7	1	5	AA3B14-50 40 105	41.0	104.6	69.6	85.6	104.7	62.7	69.9	98.4	0°	80	3.90	12000
						1.614	*4.120*	*2.740*	*3.370*	*4.120*	*2.470*	*2.750*	*3.875*		*1160*		
	ER40	7	1	2	AA3B14-50 40 160	41.0	160.0	140.9	160.0		63.0	98.4		0°	80	5.20	12000
						1.614	*6.299*	*5.547*	*6.299*		*2.480*	*3.875*			*1160*		

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ISO 13399 Q1

CNSC CXSC Q35

C3 - D C Q31

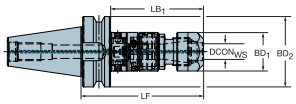
CAT-V to CoroChuck™ 970

Machine side interface ASME B5.50-2009

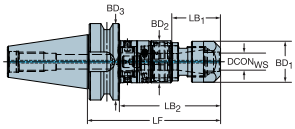
Workpiece side interface DIN 6499-B



DSGN 2



DSGN 5



CZC_{MS}	CZC_{WS}	TRMAX	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON	LF	LB_1	LB_2	LB_3	BD_1	BD_2	BD_3	CP Bar/PSI	Kg	RPMX
40	ER20	M12	1	1	2	**970-V40-20-102**	20	102.2	40.3	102.2		33.7	63.5		80	1.23	8000
							.819	*4.024*	*1.587*	*4.024*		*1.327*	*2.500*		*1160*		
	ER25	M20	1	1	5	**970-V40-25-122**	25	121.6	42.1	102.5	121.6	42.0	44.0	63.5	80	1.62	8000
							1.016	*4.787*	*1.657*	*4.035*	*4.787*	*1.654*	*1.732*	*2.500*	*1160*		
50	ER20	M12	1	1	5	**970-V50-20-106**	20	106.2	40.3	87.1	106.2	33.7	34.6	98.4	80	3.00	8000
							.819	*4.181*	*1.587*	*3.429*	*4.181*	*1.327*	*1.362*	*3.874*	*1160*		
	ER25	M20	1	1	5	**970-V50-25-126**	25	125.6	42.1	106.5	125.6	42.0	44.0	98.4	80	3.40	8000
							1.016	*4.945*	*1.657*	*4.193*	*4.945*	*1.654*	*1.732*	*3.874*	*1160*		
	ER40	M30	1	1	2	**970-V50-40-155**	40	155.0	135.9	155.0		62.7	98.4		80	4.68	8000
							1.606	*6.102*	*5.350*	*6.102*		*2.469*	*3.874*		*1160*		

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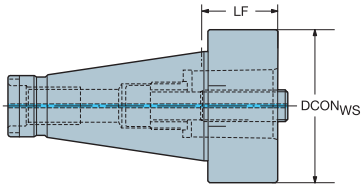
CNSC CXSC Q35

C3 – D C Q33

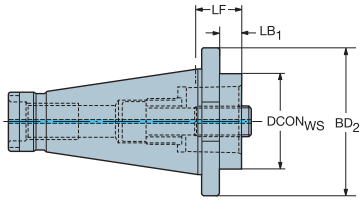
DIN 2080 to Coromant Capto® adaptor



DSGN 1



DSGN 2



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg
40	C3	1	1	2	C3-390.00-40 030	32.0	30.0	18.4	30.0	32.0	63.0	80	0.80
						1.260	*1.181*	*.724*	*1.181*	*1.260*	*2.480*	*1160*	
	C4	1	1	2	C4-390.00-40 030	40.0	30.0	18.4	30.0	40.0	63.0	80	0.70
						1.575	*1.181*	*.724*	*1.181*	*1.575*	*2.480*	*1160*	
	C4	1	1	2	C4-390.00-40 060	40.0	60.0	48.4	60.0	40.0	63.0	80	0.80
						1.575	*2.362*	*1.906*	*2.362*	*1.575*	*2.480*	*1160*	
	C5	1	1	2	C5-390.00-40 030	50.0	30.0	18.4	30.0	50.0	63.0	80	0.90
						1.969	*1.181*	*.724*	*1.181*	*1.969*	*2.480*	*1160*	
	C5	1	1	2	C5-390.00-40 070	50.0	70.0	58.4	70.0	50.0	63.0	80	1.35
						1.969	*2.756*	*2.299*	*2.756*	*1.969*	*2.480*	*1160*	
	C6	1	1	1	C6-390.00-40 075	63.0	75.0	75.0		63.0		80	3.80
						2.480	*2.953*	*2.953*		*2.480*		*1160*	
50	C3	1	1	2	C3-390.00-50 030	32.0	30.0	14.8	30.0	32.0	97.5	80	2.50
						1.260	*1.181*	*.583*	*1.181*	*1.260*	*3.839*	*1160*	
	C3	1	1	2	C3-390.00-50 060	32.0	60.0	44.8	60.0	32.0	97.5	80	2.50
						1.260	*2.362*	*1.764*	*2.362*	*1.260*	*3.839*	*1160*	
	C4	1	1	2	C4-390.00-50 030	40.0	30.0	14.8	30.0	40.0	97.5	80	2.50
						1.575	*1.181*	*.583*	*1.181*	*1.575*	*3.839*	*1160*	
	C4	1	1	2	C4-390.00-50 060	40.0	60.0	44.8	60.0	40.0	97.5	80	2.50
						1.575	*2.362*	*1.764*	*2.362*	*1.575*	*3.839*	*1160*	
	C5	1	1	2	C5-390.00-50 030	50.0	30.0	14.8	30.0	50.0	97.5	80	2.43
						1.969	*1.181*	*.583*	*1.181*	*1.969*	*3.839*	*1160*	
	C5	1	1	2	C5-390.00-50 070	50.0	70.0	54.8	70.0	50.0	97.5	80	3.10
						1.969	*2.756*	*2.157*	*2.756*	*1.969*	*3.839*	*1160*	
	C6	1	1	2	C6-390.00-50 030	63.0	30.0	14.8	30.0	63.0	97.5	80	2.41
						2.480	*1.181*	*.583*	*1.181*	*2.480*	*3.839*	*1160*	
	C6	1	1	2	C6-390.00-50 080	63.0	80.0	64.8	80.0	63.0	97.5	80	3.42
						2.480	*3.150*	*2.551*	*3.150*	*2.480*	*3.839*	*1160*	
	C8	1	1	2	C8-390.00-50 070	80.0	70.0	54.8	70.0	80.0	97.5	80	5.00
						3.150	*2.756*	*2.157*	*2.756*	*3.150*	*3.839*	*1160*	
	C8	1	1	2	C8-390.00-50 120	80.0	120.0	104.8	120.0	80.0	97.5	80	5.60
						3.150	*4.724*	*4.126*	*4.724*	*3.150*	*3.839*	*1160*	

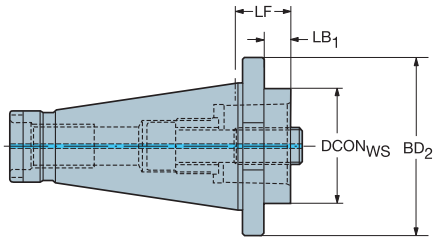
ISO 13399 Q1

CNSC CXSC Q35

NMTB to Coromant Capto® adaptor

DSGN 2





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{WS}$	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg
40	C5	1	1	2	C5-A390.00-40 030	50.0	30.0	20.5	30.0	50.0	63.7	80	1.66
						1.969	*1.181*	*.807*	*1.181*	*1.969*	*2.508*	*1160*	
50	C5	1	1	2	C5-A390.00-50 030	50.0	30.0	14.8	30.0	50.0	97.5	80	5.80
						1.969	*1.181*	*.583*	*1.181*	*1.969*	*3.839*	*1160*	
	C5	1	1	2	C5-A390.00-50 070	50.0	70.0	54.8	70.0	50.0	97.5	80	5.78
						1.969	*2.756*	*2.157*	*2.756*	*1.969*	*3.839*	*1160*	
	C6	1	1	2	C6-A390.00-50 030	63.0	30.0	14.8	30.0	63.0	97.5	80	5.81
						2.480	*1.181*	*.583*	*1.181*	*2.480*	*3.839*	*1160*	
	C8	1	1	2	C8-A390.00-50 070	80.0	70.0	54.8	70.0	80.0	97.5	80	6.30
						3.150	*2.756*	*2.157*	*2.756*	*3.150*	*3.839*	*1160*	

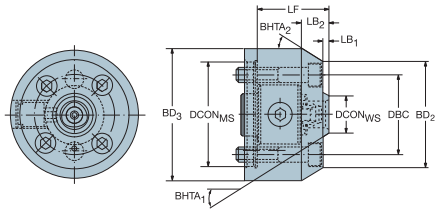
ISO 13399 Q1

CNSC CXSC Q35

DIN 2079 to Coromant Capto® adaptor

DSGN 8





CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DBC	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_1$	BHTA$_2$	Kg
40	C3	0	0	8	C3-390.34705-40 060	66.7	66.7	32.0	60.0	5.0	22.3	60.0	32.0	90.0	110.0	30°	30°	4.40
						2.626	*2.626*	*1.260*	*2.362*	*.197*	*.878*	*2.362*	*1.260*	*3.543*	*4.331*			
	C4	0	0	8	C4-390.34705-40 070	66.7	66.7	40.0	70.0	5.0	22.3	70.0	40.0	90.0	110.0	30°	30°	5.64
						2.626	*2.626*	*1.575*	*2.756*	*.197*	*.878*	*2.756*	*1.575*	*3.543*	*4.331*			

ISO 13399 Q1

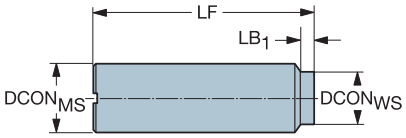
CNSC CXSC Q35

Cylindrical shank to Coromant EH adaptor

Straight design

Metric version





Steel shank

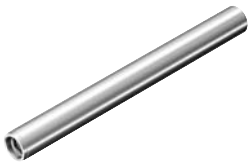
CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LSC	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD	RPMX
10	E10	1	1	E10-A10-SS-075	10.0	9.6	54	75.0	20.0	75.0	9.6	10.0	80	0.10	1	40000
					.394	*.378*	*2.126*	*2.953*	*.787*	*2.953*	*.378*	*.394*	*1160*			
12	E12	1	1	E12-A12-SS-100	12.0	11.6	77	100.0	22.0	100.0	11.6	12.0	80	0.10	1	31000
					.472	*.457*	*3.032*	*3.937*	*.866*	*3.937*	*.457*	*.472*	*1160*			
16	E10	1	1	E10-A16-SS-065	16.0	9.6	57	65.0	5.0	65.0	9.6	16.0	80	0.10	1	40000
					.630	*.378*	*2.244*	*2.559*	*.197*	*2.559*	*.378*	*.630*	*1160*			
	E12	1	1	E12-A16-SS-065	16.0	11.6	58	65.0	5.0	113.3	11.6	16.0	80	0.10	1	40000
					.630	*.457*	*2.283*	*2.559*	*.197*	*4.461*	*.457*	*.630*	*1160*			
20	E16	1	1	E16-A20-SS-070	20.0	15.4	63	70.0	5.0	113.3	15.4	20.0	80	0.20	1	40000
					.787	*.606*	*2.480*	*2.756*	*.197*	*4.461*	*.606*	*.787*	*1160*			
	E16	1	1	E16-A20-SS-110	20.0	15.4	83	110.0	25.0	110.0	15.4	20.0	80	0.30	1	40000
					.787	*.606*	*3.268*	*4.331*	*.984*	*4.331*	*.606*	*.787*	*1160*			
	E20	1	1	E20-A20-SS-120	20.0	19.2	89	120.0	30.0	120.0	19.2	20.0	80	0.30	1	34000
					.787	*.756*	*3.504*	*4.724*	*1.181*	*4.724*	*.756*	*.787*	*1160*			
25	E20	1	1	E20-A25-SS-080	25.0	19.2	73	80.0	5.0	80.0	19.2	25.0	80	0.30	1	40000
					.984	*.756*	*2.874*	*3.150*	*.197*	*3.150*	*.756*	*.984*	*1160*			
	E25	1	1	E25-A25-SS-140	25.0	24.1	99	140.0	40.0	140.0	24.1	25.0	80	0.53	1	25000
					.984	*.949*	*3.898*	*5.512*	*1.575*	*5.512*	*.949*	*.984*	*1160*			
32	E25	1	1	E25-A32-SS-080	32.0	24.1	73	80.0	5.0	80.0	24.1	32.0	80	0.53	1	40000
					1.260	*.949*	*2.874*	*3.150*	*.197*	*3.150*	*.949*	*1.260*	*1160*			

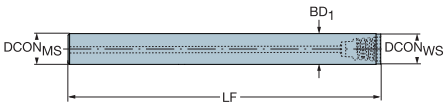
Q5 Q1 Q35 Q30

Cylindrical shank to Coromant EH adaptor

Straight design

Metric version

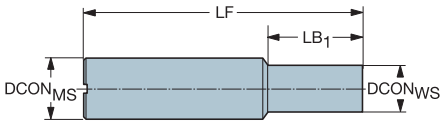




Heavy metal G undersized shank

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LSC	LF	LB$_1$	BD$_1$	CP Bar/PSI	Kg	BBD	RPMX
9	E10	1	1	EH10-A09.7-SH-100	9.7	9.6	97	100.0	100.0	9.7	80	0.10	1	23000
					.382	*.378*	*3.819*	*3.937*	*3.937*	*.382*	*1160*			
11	E12	1	1	EH12-A11.7-SH-110	11.7	11.6	107	110.0	110.0	11.7	80	0.20	1	23000
					.461	*.457*	*4.213*	*4.331*	*4.331*	*.461*	*1160*			
15	E16	1	1	EH16-A15.7-SH-130	15.7	15.4	126	130.0	130.0	15.7	80	0.40	1	19000
					.618	*.606*	*4.961*	*5.118*	*5.118*	*.618*	*1160*			
19	E20	1	1	EH20-A19.7-SH-160	19.7	19.2	156	160.0	160.0	19.7	80	0.80	1	19000
					.776	*.756*	*6.142*	*6.299*	*6.299*	*.776*	*1160*			
24	E25	1	1	EH25-A24.7-SH-185	24.7	24.1	181	185.0	185.0	24.7	80	1.40	1	14000
					.972	*.949*	*7.126*	*7.283*	*7.283*	*.972*	*1160*			





Cemented carbide shank

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LSC	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD	RPMX
10	E10	1	1	E10-A10-SE-100	10.0	9.6	49	100.0	50.0	100.0	9.6	10.0	80	0.78	1	35000
					.394	*.378*	*1.929*	*3.937*	*1.969*	*3.937*	*.378*	*.394*	*1160*			
12	E12	1	1	E12-A12-SE-100	12.0	11.6	51	100.0	48.0	100.0	11.6	12.0	80	1.44	1	40000
					.472	*.457*	*2.008*	*3.937*	*1.890*	*3.937*	*.457*	*.472*	*1160*			
16	E16	1	1	E16-A16-SE-135	16.0	15.4	54	135.0	80.0	135.0	15.4	16.0	80	0.11	1	27000
					.630	*.606*	*2.126*	*5.315*	*3.150*	*5.315*	*.606*	*.630*	*1160*			
20	E20	1	1	E20-A20-SE-095	20.0	19.2	56	95.0	38.0	95.0	19.2	20.0	80	0.16	1	40000
					.787	*.756*	*2.205*	*3.740*	*1.496*	*3.740*	*.756*	*.787*	*1160*			
	E20	1	1	E20-A20-SE-180	20.0	19.2	69	180.0	110.0	180.0	19.2	20.0	80	0.44	1	20000
					.787	*.756*	*2.717*	*7.087*	*4.331*	*7.087*	*.756*	*.787*	*1160*			
25	E25	1	1	E25-A25-SE-200	25.0	24.1	79	200.0	120.0	200.0	24.1	25.0	80	0.39	1	19000
					.984	*.949*	*3.110*	*7.874*	*4.724*	*7.874*	*.949*	*.984*	*1160*			

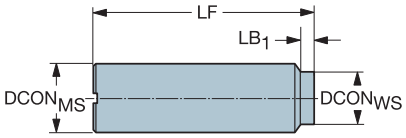
Q5 Q1 Q35 Q30

Cylindrical shank to Coromant EH adaptor

Straight design

Inch version





Steel shank

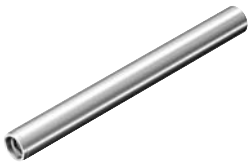
CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LSC	LF	LB_1	LB_2	BD_1	BD_2	CP Bar/PSI	Kg	BBD	RPMX
3/8	E10	1	1	AE10-A10-SS-030	9.5	9.2	54	76.2	21.3	76.2	9.2	9.5	80	0.05	1	40000
					.375	*.360*	*2.126*	*3.000*	*.839*	*3.000*	*.360*	*.375*	*1160*			
1/2	E10	1	1	AE10-A12-SS-025	12.7	9.2	55	63.5	6.3	63.5	9.2	12.7	80	0.10	1	40000
					.500	*.360*	*2.165*	*2.500*	*.250*	*2.500*	*.360*	*.500*	*1160*			
	E10	1	1	AE10-A12-SS-030	12.7	9.2	48	76.2	25.4	76.2	9.2	12.7	80	0.10	1	40000
					.500	*.360*	*1.890*	*3.000*	*1.000*	*3.000*	*.360*	*.500*	*1160*			
	E12	1	1	AE12-A12-SS-030	12.7	12.2	68	76.2	6.3	76.2	12.2	12.7	80	0.10	1	40000
					.500	*.480*	*2.677*	*3.000*	*.250*	*3.000*	*.480*	*.500*	*1160*			
	E12	1	1	AE12-A12-SS-045	12.7	12.2	87	114.3	25.4	114.3	12.2	12.7	80	0.10	1	30000
					.500	*.480*	*3.425*	*4.500*	*1.000*	*4.500*	*.480*	*.500*	*1160*			
5/8	E16	1	1	AE16-A16-SS-030	15.8	15.4	68	76.2	6.3	76.2	15.4	15.9	80	0.10	1	40000
					.625	*.606*	*2.677*	*3.000*	*.250*	*3.000*	*.606*	*.625*	*1160*			
	E16	1	1	AE16-A16-SS-045	15.8	15.4	87	114.3	25.4	114.3	15.4	15.9	80	0.10	1	30000
					.625	*.606*	*3.425*	*4.500*	*1.000*	*4.500*	*.606*	*.625*	*1160*			
3/4	E20	1	1	AE20-A19-SS-030	19.0	18.4	68	76.2	6.3	76.2	18.4	19.1	80	0.19	1	40000
					.750	*.724*	*2.677*	*3.000*	*.250*	*3.000*	*.724*	*.750*	*1160*			
	E20	1	1	AE20-A19-SS-045	19.0	18.4	88	114.3	25.4	114.3	18.4	19.1	80	0.30	1	40000
					.750	*.724*	*3.465*	*4.500*	*1.000*	*4.500*	*.724*	*.750*	*1160*			
1	E25	1	1	AE25-A25-SS-035	25.4	24.4	81	88.9	6.3	88.9	24.4	25.4	80	0.31	1	40000
					1.000	*.961*	*3.189*	*3.500*	*.250*	*3.500*	*.961*	*1.000*	*1160*			
	E25	1	1	AE25-A25-SS-045	25.4	24.4	75	114.3	38.1	114.3	24.4	25.4	80	0.40	1	40000
					1.000	*.961*	*2.953*	*4.500*	*1.500*	*4.500*	*.961*	*1.000*	*1160*			
1 1/4	E25	1	1	AE25-A32-SS-065	31.7	24.4	99	165.1	63.5	165.1	24.4	31.8	80	0.80	1	23000
					1.250	*.961*	*3.898*	*6.500*	*2.500*	*6.500*	*.961*	*1.250*	*1160*			

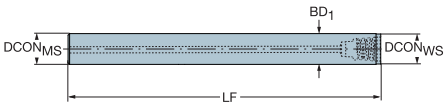
Q5 Q1 Q35 Q30

Cylindrical shank to Coromant EH adaptor

Straight design

Inch version

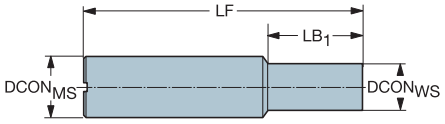




Heavy metal G undersized shank

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LSC	LF	LB$_1$	BD$_1$	CP Bar/PSI	Kg	BBD	RPMX
9	E10	1	1	AEH10-A09.2-SH-100	9.2	9.2	97	100.0	100.0	9.2	80	0.10	1	23000
					.362	*.360*	*3.819*	*3.937*	*3.937*	*.362*	*1160*			
18	E20	1	1	AEH20-A18.7-SH-150	18.7	18.4	147	150.0	150.0	18.7	80	0.65	1	19000
					.736	*.724*	*5.787*	*5.906*	*5.906*	*.736*	*1160*			





Cemented carbide shank

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LSC	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	CP Bar/PSI	Kg	BBD	RPMX
1 1/4	E25	1	1	AE25-A32-SE-065	31.7	24.4	99	165.1	65.6	165.1	24.4	31.8	80	1.00	1	37000
					1.250	*.961*	*3.898*	*6.500*	*2.583*	*6.500*	*.961*	*1.250*	*1160*			

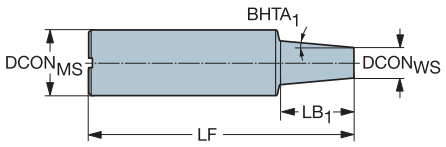
Q5 Q1 Q35 Q30

Cylindrical shank to Coromant EH adaptor

Conical design

Metric version





Steel shank

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LSC	LF	LB_1	LB_2	BD_1	BD_2	$BHTA_1$	CP Bar/PSI	Kg	BBD	RPMX
16	E10	1	1	E10-A16-CS-140	16.0	9.6	103	140.0	36.6	140.0	9.6	16.0	5°	80	0.20	1	16000
					.630	*.378*	*4.055*	*5.512*	*1.441*	*5.512*	*.378*	*.630*		*1160*			
	E10	1	1	E10-A16-CS-160	16.0	9.6	108	160.0	50.0	160.0	9.6	16.0	1°	80	0.30	1	12000
					.630	*.378*	*4.252*	*6.299*	*1.969*	*6.299*	*.378*	*.630*		*1160*			
	E12	1	1	E12-A16-CS-140	16.0	11.6	115	140.0	25.1	140.0	11.6	16.0	5°	80	0.20	1	16000
					.630	*.457*	*4.528*	*5.512*	*.988*	*5.512*	*.457*	*.630*		*1160*			
	E12	1	1	E12-A16-CS-170	16.0	11.6	108	170.0	60.0	170.0	11.6	16.0	1°	80	0.30	1	12000
					.630	*.457*	*4.252*	*6.693*	*2.362*	*6.693*	*.457*	*.630*		*1160*			
20	E16	1	1	E16-A20-CS-190	20.0	15.4	112	190.0	75.0	190.0	15.4	20.0	1°	80	0.40	1	13000
					.787	*.606*	*4.409*	*7.480*	*2.953*	*7.480*	*.606*	*.787*		*1160*			
25	E16	1	1	E16-A25-CS-170	25.0	15.4	115	170.0	54.9	170.0	15.4	25.0	5°	80	0.60	1	18000
					.984	*.606*	*4.528*	*6.693*	*2.161*	*6.693*	*.606*	*.984*		*1160*			
32	E10	1	1	E10-A32-CS-250	32.0	9.6	186	250.0	63.5	250.0	9.6	32.0	10°	80	1.38	1	10000
					1.260	*.378*	*7.323*	*9.843*	*2.500*	*9.843*	*.378*	*1.260*		*1160*			
	E12	1	1	E12-A32-CS-250	32.0	11.6	192	250.0	57.8	250.0	11.6	32.0	10°	80	1.38	1	10000
					1.260	*.457*	*7.559*	*9.843*	*2.276*	*9.843*	*.457*	*1.260*		*1160*			
	E20	1	1	E20-A32-CS-180	32.0	19.2	107	180.0	73.2	180.0	19.2	32.0	5°	80	1.11	1	20000
					1.260	*.756*	*4.213*	*7.087*	*2.882*	*7.087*	*.756*	*1.260*		*1160*			
	E25	1	1	E25-A32-CS-200	32.0	24.1	154	200.0	45.1	200.0	24.1	32.0	5°	80	1.12	1	15000
					1.260	*.949*	*6.063*	*7.874*	*1.776*	*7.874*	*.949*	*1.260*		*1160*			

Cemented carbide shank

CZC_{MS}	CZC_{WS}	CNSC	CXSC	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LSC	LF	LB_1	LB_2	BD_1	BD_2	$BHTA_1$	CP Bar/PSI	Kg	BBD	RPMX
16	E10	1	1	E10-A16-CE-155	16.0	9.6	52	155.0	100.0	155.0	9.6	16.0	1°	80	1.08	1	22000
					.630	*.378*	*2.047*	*6.102*	*3.937*	*6.102*	*.378*	*.630*		*1160*			
	E12	1	1	E12-A16-CE-150	16.0	11.6	58	150.0	90.0	150.0	11.6	16.0	1°	80	2.09	1	23000
					.630	*.457*	*2.283*	*5.906*	*3.543*	*5.906*	*.457*	*.630*		*1160*			
20	E16	1	1	E16-A20-CE-175	20.0	15.4	55	175.0	118.0	175.0	15.4	20.0	1°	80	0.45	1	22000
					.787	*.606*	*2.165*	*6.890*	*4.646*	*6.890*	*.606*	*.787*		*1160*			
25	E20	1	1	EH20-A25-CE-150	25.0	19.2	116	150.0	33.1	150.0	19.2	25.0	5°	80	0.90	1	23000
					.984	*.756*	*4.567*	*5.906*	*1.303*	*5.906*	*.756*	*.984*		*1160*			
	E20	1	1	EH20-A25-CE-200	25.0	19.2	117	200.0	83.0	200.0	19.2	25.0	2°	80	1.20	1	19000
					.984	*.756*	*4.606*	*7.874*	*3.268*	*7.874*	*.756*	*.984*		*1160*			
32	E20	1	1	EH20-A32-CE-175	32.0	19.2	101	175.0	73.2	175.0	19.2	32.0	5°	80	1.60	1	21000
					1.260	*.756*	*3.976*	*6.890*	*2.882*	*6.890*	*.756*	*1.260*		*1160*			
	E25	1	1	EH25-A32-CE-190	32.0	24.1	144	190.0	45.1	190.0	24.1	32.0	5°	80	2.00	1	20000
					1.260	*.949*	*5.669*	*7.480*	*1.776*	*7.480*	*.949*	*1.260*		*1160*			
	E25	1	1	EH25-A32-CE-215	32.0	24.1	169	215.0	45.1	215.0	24.1	32.0	5°	80	2.30	1	18000
					1.260	*.949*	*6.654*	*8.465*	*1.776*	*8.465*	*.949*	*1.260*		*1160*			

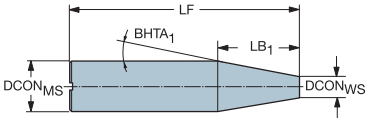
Q5 Q1 Q35 Q30

Cylindrical shank to Coromant EH adaptor

Conical design

Inch version





Steel shank

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LSC	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	BHTA$_1$	CP Bar/PSI	Kg	BBD	RPMX
5/8	E10	1	1	AE10-A16-CS-055	15.8	9.2	101	139.7	38.5	139.7	9.2	15.9	5°	80	0.19	1	17000
					.625	*.360*	*3.976*	*5.500*	*1.516*	*5.500*	*.360*	*.625*		*1160*			
	E10	1	1	AE10-A16-CS-065	15.8	9.2	112	165.1	51.0	165.1	9.2	15.9	1°	80	0.19	1	12000
					.625	*.360*	*4.409*	*6.500*	*2.008*	*6.500*	*.360*	*.625*		*1160*			
	E12	1	1	AE12-A16-CS-065	15.8	12.2	144	165.1	21.0	165.1	12.2	15.9	5°	80	0.19	1	12000
					.625	*.480*	*5.669*	*6.500*	*.827*	*6.500*	*.480*	*.625*		*1160*			
	E12	1	1	AE12-A16-CS-075	15.8	12.2	127	190.5	61.0	190.5	12.2	15.9	1°	80	0.30	1	10000
					.625	*.480*	*5.000*	*7.500*	*2.402*	*7.500*	*.480*	*.625*		*1160*			
3/4	E16	1	1	AE16-A19-CS-065	19.0	15.4	144	165.1	21.0	165.1	15.4	19.1	5°	80	0.31	1	16000
					.750	*.606*	*5.669*	*6.500*	*.827*	*6.500*	*.606*	*.750*		*1160*			
	E16	1	1	AE16-A19-CS-075	19.0	15.4	112	190.5	76.2	190.5	15.4	19.1	1°	80	0.31	1	12000
					.750	*.606*	*4.409*	*7.500*	*3.000*	*7.500*	*.606*	*.750*		*1160*			
1	E20	1	1	AE20-A25-CS-060	25.4	18.4	112	152.4	40.0	152.4	18.4	25.4	5°	80	0.56	1	23000
					1.000	*.724*	*4.409*	*6.000*	*1.575*	*6.000*	*.724*	*1.000*		*1160*			
	E20	1	1	AE20-A25-CS-080	25.4	18.4	120	203.2	80.0	203.2	18.4	25.4	1°	80	0.70	1	12000
					1.000	*.724*	*4.724*	*8.000*	*3.150*	*8.000*	*.724*	*1.000*		*1160*			
1 1/4	E20	1	1	AE20-A32-CS-070	31.7	18.4	101	177.8	76.3	177.8	18.4	31.8	5°	80	1.05	1	20000
					1.250	*.724*	*3.976*	*7.000*	*3.004*	*7.000*	*.724*	*1.250*		*1160*			
	E25	1	1	AE25-A32-CS-075	31.7	24.4	148	190.5	42.0	190.5	24.4	31.8	5°	80	1.20	1	17000
					1.250	*.961*	*5.827*	*7.500*	*1.654*	*7.500*	*.961*	*1.250*		*1160*			
	E25	1	1	AE25-A32-CS-085	31.7	24.4	173	215.9	42.0	215.9	24.4	31.8	5°	80	1.05	1	11000
					1.250	*.961*	*6.811*	*8.500*	*1.654*	*8.500*	*.961*	*1.250*		*1160*			

Cemented carbide shank

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LSC	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	BHTA$_1$	CP Bar/PSI	Kg	BBD	RPMX
5/8	E10	1	1	AE10-A16-CE-055	15.8	9.2	101	139.7	38.5	139.7	9.2	15.9	5°	80	0.41	1	28000
					.625	*.360*	*3.976*	*5.500*	*1.516*	*5.500*	*.360*	*.625*		*1160*			
	E10	1	1	AE10-A16-CE-065	15.8	9.2	112	165.1	53.0	165.1	9.2	15.9	1°	80	0.48	1	19000
					.625	*.360*	*4.409*	*6.500*	*2.087*	*6.500*	*.360*	*.625*		*1160*			
	E12	1	1	AE12-A16-CE-065	15.8	12.2	144	165.1	21.0	165.1	12.2	15.9	5°	80	0.55	1	18000
					.625	*.480*	*5.669*	*6.500*	*.827*	*6.500*	*.480*	*.625*		*1160*			
	E12	1	1	AE12-A16-CE-075	15.8	12.2	127	190.5	63.0	190.5	12.2	15.9	1°	80	0.68	1	13000
					.625	*.480*	*5.000*	*7.500*	*2.480*	*7.500*	*.480*	*.625*		*1160*			
3/4	E16	1	1	AE16-A19-CE-065	19.0	15.4	144	165.1	21.0	165.1	15.4	19.1	5°	80	0.41	1	25000
					.750	*.606*	*5.669*	*6.500*	*.827*	*6.500*	*.606*	*.750*		*1160*			
	E16	1	1	AE16-A19-CE-075	19.0	15.4	112	190.5	78.3	190.5	15.4	19.1	1°	80	0.48	1	18000
					.750	*.606*	*4.409*	*7.500*	*3.083*	*7.500*	*.606*	*.750*		*1160*			
1	E20	1	1	AE20-A25-CE-060	25.4	18.4	112	152.4	40.0	152.4	18.4	25.4	5°	80	0.48	1	36000
					1.000	*.724*	*4.409*	*6.000*	*1.575*	*6.000*	*.724*	*1.000*		*1160*			
	E20	1	1	AE20-A25-CE-080	25.4	18.4	120	203.2	82.6	203.2	18.4	25.4	1°	80	0.55	1	19000
					1.000	*.724*	*4.724*	*8.000*	*3.252*	*8.000*	*.724*	*1.000*		*1160*			
1 1/4	E20	1	1	AE20-A32-CE-070	31.7	18.4	101	177.8	76.3	177.8	18.4	31.8	5°	80	0.68	1	33000
					1.250	*.724*	*3.976*	*7.000*	*3.004*	*7.000*	*.724*	*1.250*		*1160*			
	E25	1	1	AE25-A32-CE-075	31.7	24.4	148	190.5	42.0	190.5	24.4	31.8	5°	80	1.20	1	21000
					1.250	*.961*	*5.827*	*7.500*	*1.654*	*7.500*	*.961*	*1.250*		*1160*			
	E25	1	1	AE25-A32-CE-085	31.7	24.4	173	215.9	42.0	215.9	24.4	31.8	5°	80	1.00	1	18000
					1.250	*.961*	*6.811*	*8.500*	*1.654*	*8.500*	*.961*	*1.250*		*1160*			

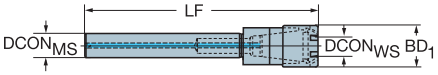
ISO 13399 Q1 CNSC CXSC Q35 C3 – D C Q30 Tailor Made Q5

Cylindrical shank to ER collet chuck

Workpiece side interface DIN 6499-B



DSGN 1



Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	BD$_1$	CP Bar/PSI	Kg
8	ER11	1	1	1	393.14-08 11 056	8.0	11.4	82.5	82.5	16.0	20	0.05
						.315	*.449*	*3.248*	*3.248*	*.630*	*290*	
12	ER16	1	1	1	393.14-12 16 080	12.0	17.0	118.5	118.5	22.0	20	0.17
						.472	*.669*	*4.665*	*4.665*	*.866*	*290*	
16	ER11	1	1	1	393.14-16 11 150	16.0	11.4	171.0	171.0	16.0	20	0.30
						.630	*.449*	*6.732*	*6.732*	*.630*	*290*	
20	ER16	1	1	1	393.14-20 16 155	20.0	17.0	181.5	181.5	22.0	20	0.40
						.787	*.669*	*7.146*	*7.146*	*.866*	*290*	
25	ER20	1	1	1	393.14-25 20 170A	25.0	21.0	182.0	182.0	28.0	20	0.42
						.984	*.827*	*7.165*	*7.165*	*1.102*	*290*	

Inch version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	BD$_1$	CP Bar/PSI	Kg
1/2	ER16	1	1	1	A393.14-13 16 182	12.7	17.0	177.0	177.0	22.0	20	0.32
						.500	*.669*	*6.969*	*6.969*	*.866*	*290*	
3/4	ER16	1	1	1	A393.14-19 16 182	19.0	17.0	181.5	181.5	22.0	20	0.32
						.750	*.669*	*7.146*	*7.146*	*.866*	*290*	
	ER20	1	1	1	A393.14-19 20 187	19.0	21.0	187.0	187.0	28.0	20	0.32
						.750	*.827*	*7.362*	*7.362*	*1.102*	*290*	
	ER25	1	1	1	A393.14-19 25 203	19.0	26.0	203.0	203.0	41.7	20	0.83
						.750	*1.024*	*7.992*	*7.992*	*1.642*	*290*	
1	ER20	1	1	1	A393.14-26 20 203	25.4	21.0	203.0	203.2	28.0	20	0.70
						1.000	*.827*	*7.992*	*8.000*	*1.102*	*290*	
	ER25	1	1	1	A393.14-26 25 203	25.4	26.0	203.0	203.0	41.7	20	1.60
						1.000	*1.024*	*7.992*	*7.992*	*1.642*	*290*	
	ER32	1	1	1	A393.14-26 32 203	25.4	33.0	203.0	203.0	49.7	20	1.06
						1.000	*1.299*	*7.992*	*7.992*	*1.957*	*290*	

 P20

ISO 13399 Q1

CNSC CXSC Q35

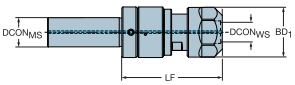
Cylindrical shank to CoroChuck™ 970

For synchronized tapping operations

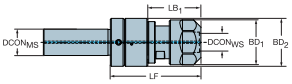
Workpiece side interface DIN 6499-B



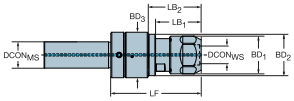
DSGN 1



DSGN 2



DSGN 5



Metric version

CZC$_{MS}$	CZC$_{WS}$	TRMAX	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	CP Bar/PSI	Kg	RPMX
12	ER8	M3	1	1	1	970-CY12-8-052	12.0	8.5	100.0	100.0			12.0			60	0.07	8000
							.472	*.335*	*3.937*	*3.937*			*.472*			*870*		
16	ER11	M5	1	1	5	970-CY16-11-052	16.0	11.3	96.4	21.4	25.2	51.9	18.7	19.9	23.5	80	0.14	8000
							.630	*.445*	*3.795*	*.843*	*.992*	*2.043*	*.736*	*.783*	*.925*	*1160*		
20	ER20	M12	1	1	2	970-CY20-20-069	20.0	20.8	119.5	40.3	68.7	1.0	34.0	34.6	1.0	80	0.41	8000
							.787	*.819*	*4.705*	*1.587*	*2.705*	*.039*	*1.339*	*1.362*	*.039*	*1160*		

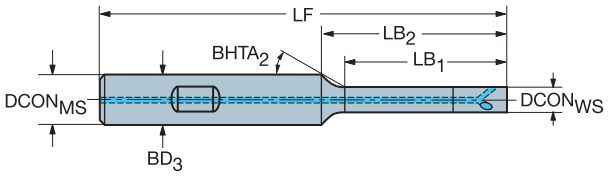
P28 P11 Q1 Q35 Q33

SANDVIK Coromant

Weldon to CoroMill® 327 adaptor



DSGN 7



Metric version

CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LSC	LF	LB_1	LB_2	BD_1	BD_2	$BHTA_2$	CP Bar/PSI	Kg
12	06	1	1	7	327-12B15SC-06	12.0	6.0	53	70.5	11.5	17.2	6.0	6.0	30°	20	0.09
						.472	*.236*	*2.097*	*2.776*	*.453*	*.678*	*.236*	*.236*		*290*	
	06	1	1	7	327-12B21EC-06	12.0	6.0	53	76.5	17.5	23.2	6.0	6.0	30°	20	0.09
						.472	*.236*	*2.097*	*3.012*	*.689*	*.915*	*.236*	*.236*		*290*	
	06	1	1	7	327-12B30EC-06	12.0	6.0	86	86.5	26.5	32.2	6.0	6.0	30°	20	0.10
						.472	*.236*	*3.406*	*3.406*	*1.043*	*1.269*	*.236*	*.236*		*290*	
	06	1	1	7	327-12B42EC-06	12.0	6.0	52	96.5	38.5	44.2	6.0	6.0	30°	20	0.10
						.472	*.236*	*2.058*	*3.799*	*1.516*	*1.741*	*.236*	*.236*		*290*	
16	09	1	1	7	327-16B18SC-09	16.0	9.0	55	74.3	12.2	18.8	9.0	9.0	30°	20	0.10
						.630	*.354*	*2.181*	*2.923*	*.482*	*.742*	*.354*	*.354*		*290*	
	09	1	1	7	327-16B32EC-09	16.0	9.0	61	94.3	26.2	32.8	9.0	9.0	30°	20	0.19
						.630	*.354*	*2.417*	*3.711*	*1.033*	*1.293*	*.354*	*.354*		*290*	
	09	1	1	7	327-16B45EC-09	16.0	9.0	104	104.3	39.2	45.8	9.0	9.0	30°	20	0.19
						.630	*.354*	*4.104*	*4.104*	*1.545*	*1.805*	*.354*	*.354*		*290*	
	09	1	1	7	327-16B64EC-09	16.0	9.0	59	124.3	58.2	64.8	9.0	9.0	30°	20	0.20
						.630	*.354*	*2.339*	*4.892*	*2.293*	*2.553*	*.354*	*.354*		*290*	
	12	1	1	7	327-16B24SC-12	16.0	12.0	52	74.3	18.3	22.3	12.0	12.0	30°	20	0.10
						.630	*.472*	*2.047*	*2.925*	*.720*	*.878*	*.472*	*.472*		*290*	
	12	1	1	7	327-16B42EC-12	16.0	12.0	54	94.3	36.3	40.3	12.0	12.0	30°	20	0.18
						.630	*.472*	*2.126*	*3.713*	*1.429*	*1.587*	*.472*	*.472*		*290*	
	12	1	1	7	327-16B60EC-12	16.0	12.0	66	124.3	54.3	58.3	12.0	12.0	30°	20	0.25
						.630	*.472*	*2.598*	*4.894*	*2.138*	*2.295*	*.472*	*.472*		*290*	
	12	1	1	7	327-16B85EC-12	16.0	12.0	71	154.3	79.3	83.3	12.0	12.0	30°	20	0.30
						.630	*.472*	*2.795*	*6.075*	*3.122*	*3.280*	*.472*	*.472*		*290*	
	14	1	1	7	327-16B42EC-14	16.0	14.3	93	93.5	35.5	37.5	14.3	14.3	30°	20	0.20
						.630	*.563*	*3.681*	*3.681*	*1.398*	*1.477*	*.563*	*.563*		*290*	
	14	1	1	7	327-16B60EC-14	16.0	14.3	67	123.5	53.5	55.5	14.3	14.3	30°	20	0.25
						.630	*.563*	*2.677*	*4.862*	*2.106*	*2.185*	*.563*	*.563*		*290*	
	14	1	1	7	327-16B85EC-14	16.0	14.3	72	153.5	78.5	80.5	14.3	14.3	30°	20	0.35
						.630	*.563*	*2.874*	*6.043*	*3.091*	*3.170*	*.563*	*.563*		*290*	
20	14	1	1	7	327-20B35SC-14	20.0	14.3	60	93.5	29.2	33.2	16.0	16.0	30°	20	0.19
						.787	*.563*	*2.374*	*3.681*	*1.150*	*1.307*	*.630*	*.630*		*290*	

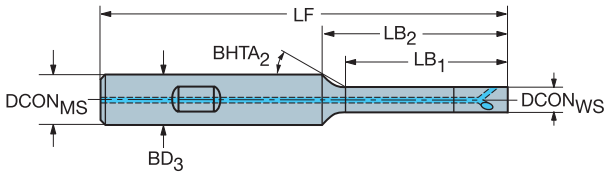
ISO 13399 Q1

CNSC CXSC Q35

Weldon to CoroMill® 327 adaptor



DSGN 7



Inch version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LSC	LF	LB$_1$	LB$_2$	BD$_1$	BD$_2$	BHTA$_2$	CP Bar/PSI	Kg
1/2	06	1	1	7	A327-13B21EC-06	12.7	6.0	76	76.5	17.5	23.8	6.0	6.0	30°	20	0.49
						.500	*.236*	*3.012*	*3.012*	*.689*	*.939*	*.236*	*.236*		*290*	
	06	1	1	7	A327-13B30EC-06	12.7	6.0	53	86.5	26.4	32.8	6.0	6.0	30°	20	0.09
						.500	*.236*	*2.112*	*3.405*	*1.043*	*1.293*	*.236*	*.236*		*290*	
	06	1	1	7	A327-13B42EC-06	12.7	6.0	51	96.5	38.5	44.8	6.0	6.0	30°	20	0.09
						.500	*.236*	*2.033*	*3.799*	*1.516*	*1.766*	*.236*	*.236*		*290*	
5/8	09	1	1	7	A327-16B18SC-09	15.8	9.0	55	74.3	12.2	18.7	9.0	9.0	30°	20	0.09
						.625	*.354*	*2.185*	*2.924*	*.483*	*.738*	*.354*	*.354*		*290*	
	09	1	1	7	A327-16B32EC-09	15.8	9.0	61	94.3	26.2	32.7	9.0	9.0	30°	20	0.62
						.625	*.354*	*2.421*	*3.711*	*1.034*	*1.289*	*.354*	*.354*		*290*	
	09	1	1	7	A327-16B45EC-09	15.8	9.0	58	104.3	39.2	45.7	9.0	9.0	30°	20	0.62
						.625	*.354*	*2.303*	*4.105*	*1.546*	*1.801*	*.354*	*.354*		*290*	
	09	1	1	7	A327-16B64EC-09	15.8	9.0	59	124.2	58.2	64.7	9.0	9.0	30°	20	0.19
						.625	*.354*	*2.342*	*4.892*	*2.294*	*2.549*	*.354*	*.354*		*290*	
	12	1	1	7	A327-16B24SC-12	15.8	12.0	52	74.2	18.2	22.1	12.0	12.0	30°	20	0.09
						.625	*.472*	*2.051*	*2.923*	*.718*	*.871*	*.472*	*.472*		*290*	
	12	1	1	7	A327-16B42EC-12	15.8	12.0	54	94.3	36.3	40.2	12.0	12.0	30°	20	0.62
						.625	*.472*	*2.129*	*3.713*	*1.430*	*1.583*	*.472*	*.472*		*290*	
	12	1	1	7	A327-16B60EC-12	15.8	12.0	66	124.2	54.2	58.1	12.0	12.0	30°	20	0.23
						.625	*.472*	*2.602*	*4.890*	*2.134*	*2.288*	*.472*	*.472*		*290*	
	12	1	1	7	A327-16B85EC-12	15.8	12.0	71	154.2	79.2	83.1	12.0	12.0	30°	20	0.30
						.625	*.472*	*2.799*	*6.071*	*3.118*	*3.272*	*.472*	*.472*		*290*	
	14	1	1	7	A327-16B42EC-14	15.8	14.3	56	93.5	35.5	37.4	14.3	14.3	30°	20	0.19
						.625	*.563*	*2.208*	*3.681*	*1.398*	*1.473*	*.563*	*.563*		*290*	
	14	1	1	7	A327-16B60EC-14	15.8	14.3	68	123.5	53.4	55.3	14.3	14.3	30°	20	0.23
						.625	*.563*	*2.681*	*4.862*	*2.106*	*2.181*	*.563*	*.563*		*290*	
	14	1	1	7	A327-16B85EC-14	15.8	14.3	73	153.5	78.4	80.3	14.3	14.3	30°	20	0.32
						.625	*.563*	*2.878*	*6.043*	*3.090*	*3.165*	*.563*	*.563*		*290*	

ISO 13399 Q1

CNSC CXSC Q35

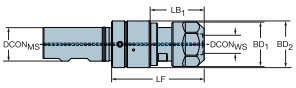
Weldon to CoroChuck™ 970

For synchronized tapping operations

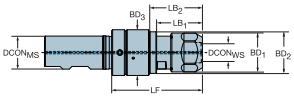
Workpiece side interface DIN 6499-B



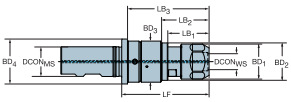
DSGN 2



DSGN 5



DSGN 9



Metric version

CZC$_{MS}$	CZC$_{WS}$	TRMAX	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	CP Bar/PSI	Kg	RPMX
16	ER11	M5	1	1	5	970-WE16-11-052	16.0	11.3	96.4	25.2	44.4	51.9	19.9	23.5	27.9	80	0.14	8000
							.630	*.445*	*3.795*	*.992*	*1.748*	*2.043*	*.783*	*.925*	*1.098*	*1160*		
20	ER11	M5	1	1	9	970-WE20-11-052	20.0	11.3	147.2	21.4	25.2	48.6	18.7	19.9	23.5	80	0.20	8000
							.787	*.445*	*5.795*	*.843*	*.992*	*1.913*	*.736*	*.783*	*.925*	*1160*		
	ER20	M12	1	1	2	970-WE20-20-069	20.0	20.8	119.5	40.3	68.7		34.0	34.6		80	0.41	8000
							.787	*.819*	*4.705*	*1.587*	*2.705*		*1.339*	*1.362*		*1160*		
25	ER11	M5	1	1	9	970-WE25-11-052	25.0	11.3	102.7	25.2	48.6	51.9	19.9	23.5	51.9	80	0.27	8000
							.984	*.445*	*4.043*	*.992*	*1.913*	*2.043*	*.783*	*.925*	*2.043*	*1160*		
	ER20	M12	1	1	2	970-WE25-20-069	25.0	20.8	119.5	40.1	68.7		34.0	34.6		80	0.43	8000
							.984	*.819*	*4.705*	*1.579*	*2.705*		*1.339*	*1.362*		*1160*		
	ER25	M20	1	1	2	970-WE25-25-088	25.0	25.8	138.9	42.0	88.1		42.0	44.0		80	0.82	8000
							.984	*1.016*	*5.469*	*1.654*	*3.469*		*1.654*	*1.732*		*1160*		
	ER40	M30	1	1	1	970-WE25-40-117	25.0	40.8	167.9	117.1			63.0			80	2.04	8000
							.984	*1.606*	*6.610*	*4.610*			*2.480*			*1160*		

Inch version

CZC$_{MS}$	CZC$_{WS}$	TRMAX	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	CP Bar/PSI	Kg	RPMX
1	ER11	M5	1	1	9	970-WE25A-11-052	25.4	11.3	102.7	25.2	48.6	51.9	19.9	23.5	28.5	80	0.27	8000
							1.000	*.445*	*4.043*	*.992*	*1.913*	*2.043*	*.783*	*.925*	*1.122*	*1160*		
	ER20	M12	1	1	2	970-WE25A-20-069	25.4	20.8	119.5	40.1	68.7		34.0	34.6		80	0.43	8000
							1.000	*.819*	*4.705*	*1.579*	*2.705*		*1.339*	*1.362*		*1160*		
	ER25	M20	1	1	2	970-WE25A-25-088	25.4	25.8	138.9	42.0	88.1		42.0	44.0		80	0.82	8000
							1.000	*1.016*	*5.469*	*1.654*	*3.469*		*1.654*	*1.732*		*1160*		

 P28

 P31

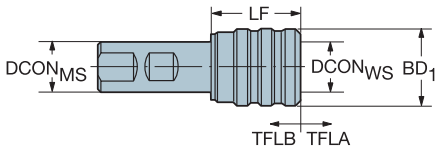
ISO 13399 Q1

CNSC CXSC Q35

C3 – DC Q33

Weldon to Quick change tapping chuck





Metric version

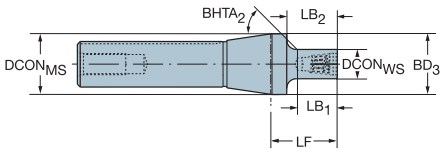
CZC$_{MS}$	CZC$_{WS}$	TRMAX	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LB$_1$	BD$_1$	TFLA	TFLB	CP Bar/PSI	Kg	RPMX
25	1	M12	1	0	393.2060-25 01 045	25.0	19.0	45.0	39.0	7	7	80	0.55	8000
						.984	*.748*	*1.772*	*1.535*	*.295*	*.295*	*1160*		
	2	M20	1	0	393.2060-25 02 068	25.0	31.0	68.0	60.0	10	10	80	2.10	8000
						.984	*1.220*	*2.677*	*2.362*	*.394*	*.394*	*1160*		
32	3	M33	1	0	393.2060-32 03 099	32.0	48.0	99.0	86.0	17	17	80	4.50	8000
						1.260	*1.890*	*3.898*	*3.386*	*.689*	*.689*	*1160*		

P36 Q1 Q35

R8 (Bridgeport) to Coromant EH adaptor



DSGN 7



Inch version

CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch $DCON_{WS}$	LF	LB_1	LB_2	LB_3	BD_1	BD_2	BD_3	$BHTA_2$	Kg	RPMX
R8	E10	0	0	7	A392.R8EH-32 10 025	9.2	25.0	11.6	16.6	25.0	9.2	9.2	32.0	45°	0.42	10000
						.360	*.984*	*.457*	*.654*	*.984*	*.360*	*.360*	*1.260*			
	E12	0	0	7	A392.R8EH-32 12 031	12.2	31.0	17.6	22.6	31.0	12.2	12.2	32.0	45°	0.43	10000
						.480	*1.220*	*.693*	*.890*	*1.220*	*.480*	*.480*	*1.260*			
	E16	0	0	7	A392.R8EH-32 16 035	15.4	35.0	21.6	26.6	35.0	15.4	15.4	32.0	45°	0.44	10000
						.606	*1.378*	*.850*	*1.047*	*1.378*	*.606*	*.606*	*1.260*			
	E20	0	0	7	A392.R8EH-32 20 031	18.4	31.0	17.6	22.6	31.0	18.4	18.4	32.0	45°	0.44	10000
						.724	*1.220*	*.693*	*.890*	*1.220*	*.724*	*.724*	*1.260*			
	E25	0	0	7	A392.R8EH-32 25 039	24.4	39.0	25.8	30.6	39.0	24.4	24.4	32.0	36°	0.49	10000
						.961	*1.535*	*1.016*	*1.205*	*1.535*	*.961*	*.961*	*1.260*			

ISO 13399 Q1

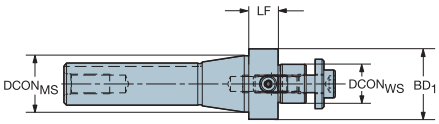
CNSC CXSC Q35

C3 – D C Q33

R8 (Bridgeport) to arbor adaptor



DSGN 1



Metric pilot

CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	$DCON_{WS}$	LF	LB_1	BD_1	Kg
R8	16	0	0	1	392.R8.05-16 020	16.0	20.0	20.0	32.0	0.51
						.630	*.787*	*.787*	*1.260*	
	22	0	0	1	392.R8.05-22 020	22.0	20.0	20.0	40.0	0.63
						.866	*.787*	*.787*	*1.575*	

Inch pilot

CZC_{MS}	CZC_{WS}	CNSC	CXSC	DSGN	Ordering code	$DCON_{WS}$	LF	LB_1	BD_1	Kg
R8	3/4	0	0	1	A392.R8.05-19 020	19.1	20.0	20.0	40.0	0.60
						.750	*.787*	*.787*	*1.575*	
	1	0	0	1	A392.R8.05-25 020	25.4	20.0	20.0	50.0	0.77
						1.000	*.787*	*.787*	*1.969*	

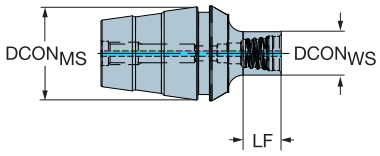
P13 Q1 Q35 Q30

ER to Coromant EH adaptor

Machine side interface DIN 6499-B



DSGN 1



Metric version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	BD$_1$	CP Bar/PSI	Kg	BBD
ER16	E10	1	1	1	EH-ER16-10-008	17.0	9.6	8.0	8.0	9.6	80	0.03	1
						.669	*.378*	*.315*	*.315*	*.378*	*1160*		
ER20	E10	1	1	1	EH-ER20-10-008	21.0	9.6	8.0	8.0	9.6	80	0.05	1
						.827	*.378*	*.315*	*.315*	*.378*	*1160*		
	E12	1	1	1	EH-ER20-12-010	21.0	11.6	10.0	10.0	11.6	80	0.05	1
						.827	*.457*	*.394*	*.394*	*.457*	*1160*		
ER25	E10	1	1	1	EH-ER25-10-012	26.0	9.6	7.2	12.0	9.6	80	0.10	1
						1.024	*.378*	*.283*	*.472*	*.378*	*1160*		
	E12	1	1	1	EH-ER25-12-014	26.0	11.6	10.2	14.0	11.6	80	0.10	1
						1.024	*.457*	*.402*	*.551*	*.457*	*1160*		
	E16	1	1	1	EH-ER25-16-016	26.0	15.4	14.2	16.0	15.4	80	0.11	1
						1.024	*.606*	*.559*	*.630*	*.606*	*1160*		
ER32	E10	1	1	1	EH-ER32-10-012	33.0	9.6	7.4	12.0	9.6	80	0.19	1
						1.299	*.378*	*.291*	*.472*	*.378*	*1160*		
	E12	1	1	1	EH-ER32-12-014	33.0	11.6	9.4	14.0	11.6	80	0.20	1
						1.299	*.457*	*.370*	*.551*	*.457*	*1160*		
	E16	1	1	1	EH-ER32-16-018	33.0	15.4	13.4	18.0	15.4	80	0.20	1
						1.299	*.606*	*.528*	*.709*	*.606*	*1160*		
	E20	1	1	1	EH-ER32-20-022	33.0	19.2	18.9	22.0	19.2	80	0.22	1
						1.299	*.756*	*.744*	*.866*	*.756*	*1160*		
	E25	1	1	1	EH-ER32-25-025	33.0	24.1	25.0	25.0	24.1	80	0.24	1
						1.299	*.949*	*.984*	*.984*	*.949*	*1160*		

Inch version

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	BD$_1$	CP Bar/PSI	Kg	BBD
ER16	E10	1	1	1	EH-ER16-A10-007	17.0	9.2	7.0	7.0	9.2	80	0.03	1
						.669	*.360*	*.276*	*.276*	*.362*	*1160*		
ER20	E10	1	1	1	EH-ER20-A10-007	21.0	9.2	7.0	7.0	9.2	80	0.05	1
						.827	*.360*	*.276*	*.276*	*.362*	*1160*		
ER25	E10	1	1	1	EH-ER25-A10-011	26.0	9.2	6.2	11.0	9.2	80	0.10	1
						1.024	*.360*	*.244*	*.433*	*.362*	*1160*		
ER32	E10	1	1	1	EH-ER32-A10-011	33.0	9.2	6.4	11.0	9.2	80	0.19	1
						1.299	*.360*	*.252*	*.433*	*.362*	*1160*		

 P31

ISO 13399 Q1

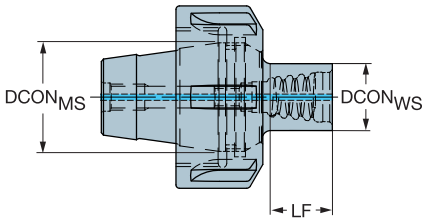
CNSC CXSC Q35

ER to Coromant EH adaptor

Machine side interface DIN 6499-B



DSGN 1



Metric version

CZCMS	CZCWS	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	LF	LB1	BD1	CP Bar/PSI	Kg	BBD	RPMX
ER16	E12	1	1	1	**392.EREH-16 12 010**	17.0	11.6	10.0	10.0	11.6	80	0.10	1	40000
						.669	*.457*	*.394*	*.394*	*.457*	*1160*			
ER20	E16	1	1	1	**392.EREH-20 16 014**	21.0	15.4	14.0	14.0	15.4	80	0.15	1	40000
						.827	*.606*	*.551*	*.551*	*.606*	*1160*			
ER25	E20	1	1	1	**392.EREH-25 20 019**	26.0	19.2	19.0	19.0	19.2	80	0.23	1	40000
						1.024	*.756*	*.748*	*.748*	*.756*	*1160*			

Note! The nut is not a standard ER nut and therefore not exchangeable with the spare part series 5533 050-0X. The nut is always included in the package!

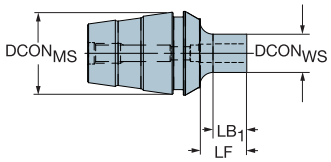
P31 Q1 Q35

ER to CoroMill® 327 adaptor

Machine side interface DIN 6499-B

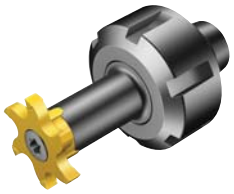
DSGN 1

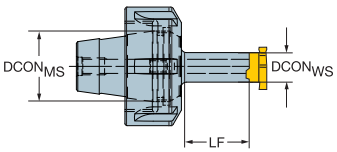




CZCMS	CZCWS	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	LF	LB1	BD1	Kg	BBD
ER11	06	0	0	1	327-ER11-06-016	11.4	6.0	12.5	10.0	6.0	0.06	1
						.449	*.236*	*.492*	*.396*	*.236*		
ER20	09	0	0	1	327-ER20-09-022	21.0	9.0	16.3	15.8	9.0	0.08	1
						.827	*.354*	*.640*	*.622*	*.354*		
ER25	09	0	0	1	327-ER25-09-022	26.0	9.0	16.3	17.6	9.0	0.11	1
						1.024	*.354*	*.640*	*.693*	*.354*		
	12	0	0	1	327-ER25-12-030	26.0	12.0	24.3	25.6	12.0	0.11	1
						1.024	*.472*	*.957*	*1.008*	*.472*		
	14	0	0	1	327-ER25-14-019	26.0	14.3	12.5	15.3	14.0	0.12	1
						1.024	*.563*	*.492*	*.602*	*.551*		
	14	0	0	1	327-ER25-14-035	26.0	14.3	28.5	30.6	14.0	0.12	1
						1.024	*.563*	*1.122*	*1.205*	*.551*		
ER32	12	0	0	1	327-ER32-12-030	33.0	12.0	24.3	25.2	12.0	0.13	1
						1.299	*.472*	*.957*	*.992*	*.472*		
	14	0	0	1	327-ER32-14-019	33.0	14.3	12.5	14.9	14.0	0.14	1
						1.299	*.563*	*.492*	*.587*	*.551*		

DSGN 1





CZCMS	CZCWS	CNSC	CXSC	DSGN	Ordering code	Dimensions, mm, inch DCONMS	DCONWS	LF	LB1	BD1	Kg	BBD
ER11	09	0	0	1	392.ER327-11 09 022	11.4	9.0	16.0	16.0	9.0	0.09	1
						.449	*.354*	*.630*	*.632*	*.354*		
ER16	09	0	0	1	392.ER327-16 09 022	17.0	9.0	16.3	16.2	9.0	0.10	1
						.669	*.354*	*.640*	*.640*	*.354*		
	12	0	0	1	392.ER327-16 12 030	17.0	12.0	24.3	24.2	12.0	0.12	1
						.669	*.472*	*.955*	*.955*	*.472*		
ER20	12	0	0	1	392.ER327-20 12 030	21.0	12.0	23.8	23.8	12.0	0.13	1
						.827	*.472*	*.937*	*.937*	*.472*		
	14	0	0	1	392.ER327-20 14 035	21.0	14.3	28.8	28.8	14.0	0.15	1
						.827	*.563*	*1.134*	*1.134*	*.551*		
ER32	14	0	0	1	392.ER327-32 14 035	33.0	14.3	28.5	30.2	14.0	0.18	1
						1.299	*.563*	*1.122*	*1.189*	*.551*		

Note!
The nut is not a standard ER nut and therefore not exchangeable with the spare part series 5533 050-0X. The nut is always included in the package!

 P31

 Q1

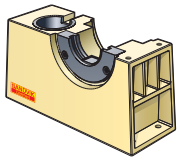
 Q35


27
28
29
30
A

Assembly fixture

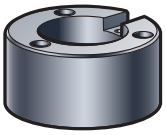
Fixture body
Ordering code:

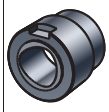
391.500



Fixture body for sleeves
Ordering code:

391.501



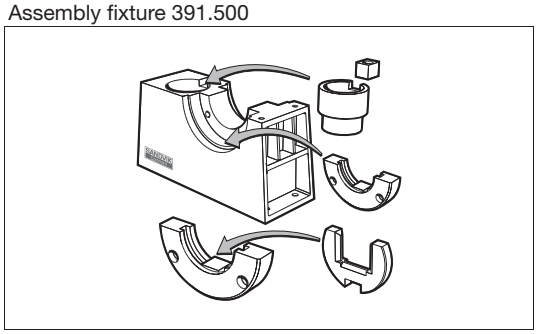
Ordering code	
	
Sleeve	**For holder type, size**
391.540-C3	Coromant Capto Size C3
391.540-C4	Coromant Capto Size C4
391.540-C5	Coromant Capto Size C5
391.540-C6	Coromant Capto Size C6
391.540-C8	Coromant Capto Size C8
391.540-C10	Coromant Capto Size C10
391.540-HA04	HSK 40 Form A/C
391.540-HA05	HSK 50 Form A/C
391.540-HA06	HSK 63 Form A/C
391.540-HA08	HSK 80 Form A/C
391.540-HA10	HSK 100 Form A/C
391.540-30	MAS-BT/CAT/ISO 30
391.540-40	MAS-BT/CAT/ISO 40
391.540-50	MAS-BT/CAT/ISO 50

Ordering code		
		
Flange	**Collar**	**For holder type, size**
391.510-140 50	391.530-C3	Coromant Capto Size C3
391.510-140 50	391.530-C4	Coromant Capto Size C4
391.510-140 50	391.530-C5	Coromant Capto Size C5
391.510-140 50	391.530-C6	Coromant Capto Size C6
391.510-140 50	391.530-C8	Coromant Capto Size C8
	391.530-C10*	Coromant Capto Size C10
391.510-HA04		HSK 40 Form A
391.510-HA05		HSK 50 Form A
391.510-HA06		HSK 63 Form A
391.510-HA08		HSK 80 Form A
391.510-HA10		HSK 100 Form A
391.510-HA12		HSK 125 Form A
391.510-55 30		MAS-BT 30
391.510-55 40		MAS-BT 40
391.510-55 50		MAS-BT 50
391.510-562-40		BIG-PLUS, MAS-BT 40
391.510-562-50		BIG-PLUS, MAS-BT 50
391.510-140 40		DIN 69871/40, ANSIB 5.50-40. ISO7388/1-40, CAT 40
391.510-140 50		DIN 69871/50, ANSIB 5.50-40. ISO7388/1-50, CAT 50
391.510-540 40		BIG-PLUS DIN69871/1-40, BIG-PLUS 7388/1-40, CAT 40
391.510-540 50		BIG-PLUS DIN69871/1-50, BIG-PLUS 7388/1-50, CAT 50
391.510-00 40		DIN 2080-40/NMTB 40
391.510-00 50		DIN 2080-50/NMTB 50
A391.510-45 40		ANSIB 5.50-2009, CAT-V 40-2009
A391.510-45 50		ANSIB 5.50-2009, CAT-V 50-2009
A391.510-545 40		BIG-PLUS ANSIB 5.50-2009, CAT-V 40-2009
A391.510-545 50		BIG-PLUS ANSIB 5.50-2009, CAT-V 50-2009

Note: Key is delivered with the sleeve.

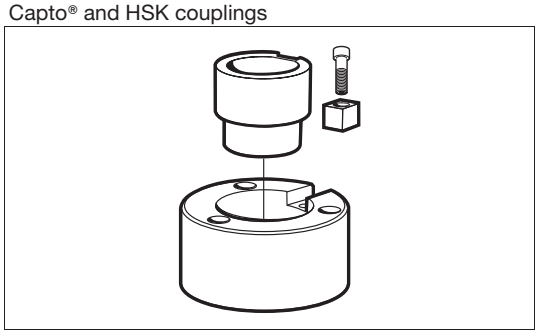
* Combined collar and flange

Assembly fixture 391.500



Choose flange, collar and sleeve to suit tool to be assembled.

Fixture 391.501 for maintenance of tools with Coromant Capto® and HSK couplings



Choose sleeve to suit coupling.
The fixture should be fastened to the bench with three socket head screws (not delivered with fixture)

Tool wagon for Coromant Capto®

Quick change tooling



1. Cradle carrier
2. Tool cradles
3. Molded tool holders (To be ordered separately)

Ordering code	Kit consist of:		
CCW-KIT	TC-0	4 pieces	Tool cradles
	TCC-2	4 pairs	Frame carriers for tool cradle

To order a complete wagon 1 pcs CCW-KIT + Molded tool holders

Bench stand



Ordering code	Kit consist of:	
BS-KIT	3 pieces	Tool cradles
	3 pairs	Frame carriers for tool cradle

To order a complete bench stand 1 pcs BS-KIT + Molded tool holders

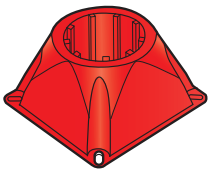
Molded tool holders - to be ordered separately

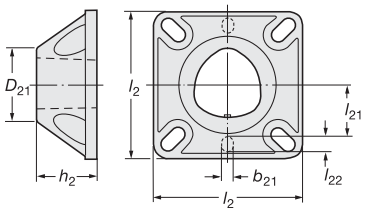


Ordering code	Width (B), mm	Max. number of tool holders in a cradle
C3-IC-1	58	C3 = 9
C4-IC-1	58	C4 = 9
C5-IC-1	65.5	C5 = 8
C6-IC-1	81.5	C6 = 6
C8-IC-1	105	C8 = 5
C10-IC-1	120	C10 = 4

Cassettes (polygon seating)

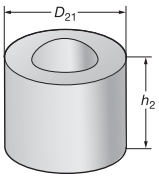
Coromant Capto®



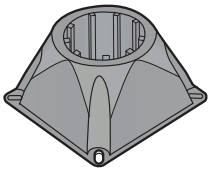


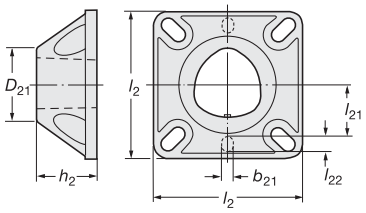
-4000
Plastic storage cassettes (red)

-6000-B



Aluminium cassette blanks



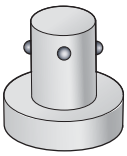


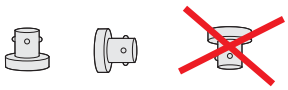
-5000
High grade plastic in-machine tool storage (black)

Coupling size	Ordering code	Dimensions, mm, inch	b_{21}	D_{21}	h_2	l_2	l_{21}	All plastic cassettes conforming to hole pattern 17 mm, 20 mm, 25 mm and 1''.
C3	**C3-C-4000**	-	32	26	65	-	-	High grade plastic. Red colour. To be used: – alone for upright storage – with mechanism type PL-01 for horizontal or upright position.
		-	*1.260*	*1.024*	*2.559*	*-*	*-*	
C4	**C4-C-4000**	6	50	39	74	26	8	
		.236	*1.969*	*1.535*	*2.913*	*1.024*	*.315*	
C5	**C5-C-4000**	6	50	39	74	26	8	
		.236	*1.969*	*1.535*	*2.913*	*1.024*	*.315*	
C6	**C6-C-4000**	8	80	63	116	41	10	
		.315	*3.150*	*2.480*	*4.567*	*1.614*	*.394*	
C8	**C8-C-4000**	8	80	63	116	41	10	
		.315	*3.150*	*2.480*	*4.567*	*1.614*	*.394*	
C4	**C4-C-5000**	6	50	39	74	26	8	High grade re-inforced black plastic. For in-machine tool storage with mechanism AL-01.
		.236	*1.969*	*1.535*	*2.913*	*1.024*	*.315*	
C5	**C5-C-5000**	6	50	39	74	26	8	
		.236	*1.969*	*1.535*	*2.913*	*1.024*	*.315*	
C6	**C6-C-5000**	8	80	63	116	41	10	
		.315	*3.150*	*2.480*	*4.567*	*1.614*	*.394*	
C8	**C8-C-5000**	8	80	63	116	41	10	
		.315	*3.150*	*2.480*	*4.567*	*1.614*	*.394*	
C10	**C10-C-5000**	8	100	80	150	60	68	
		.315	*3.940*	*3.150*	*5.910*	*2.360*	*2.630*	
C6	**C6-C-6000-B**	-	120	63	-	-	-	Aluminium cassette blanks for individual adaptation. To be used with AL-01.
			4.724	*2.480*				
C8	**C8-C-6000-B**		120	63	-	-	-	
			4.724	*2.480*				
C10	**C10-C-6000-B**		138	80	-	-	-	
			5.433	*3.150*				

Locking mechanism for casettes

-PL

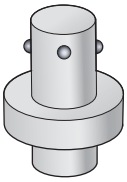


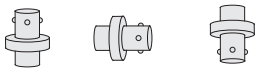


Passive locking mechanism

For vertical upwards and horizontal storage. NEVER upside down storage.

-AL





Active locking mechanism

For storage at all angles: vertical upwards and downwords or horizontal.

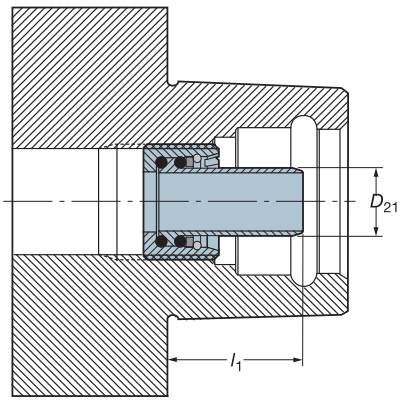
CZC	**Ordering code**	Pull action force, N	Pull action force, lbs	
C4	**C4-PL-01**	55	12.36	Central passive locking mechanism. Spring loaded clamping. Fits directly into all cassettes type 4000.
C5	**C5-PL-01**	120	26.98	
C6	**C6-PL-01**	150	33.72	
C8	**C8-PL-01**	240	53.95	

CZC	**Ordering code**	Rec. max. tool weight, kg	Rec. max. tool weight, lbs	
C4	**C4-AL-01**	40	88	Active locking mechanism – mechanical push action. Fits directly into all cassettes type 5000/6000.
C5	**C5-AL-01**	60	132	
C6	**C6-AL-01**	75	165	
C8	**C8-AL-01**	110	243	
C10	**C10-AL-01**	150	330.7	

CZC	**Ordering code**	Rec. max. tool weight, kg	Rec. max. tool weight, lbs	
C6	**C6-AL-02**	75	165	Active locking mechanism – mechanical push action. Fits directly into all cassettes type 5000/6000.
C8	**C8-AL-02**	110	243	

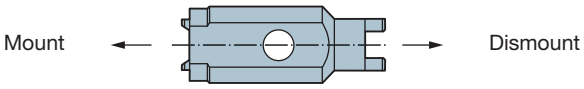
Assembly item

Coolant tubes for Coromant Capto®



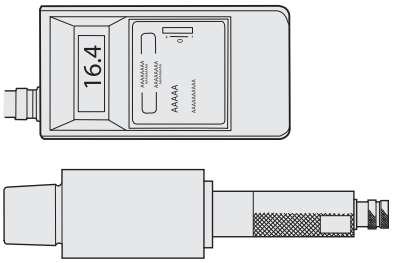
The requirement for use of coolant tubes is machine related, see machine information before installing.

Ensure the clamping device and/or machine are able to accept/ handle the coolant tube before using.



Please refer to M/C manual

Safe control



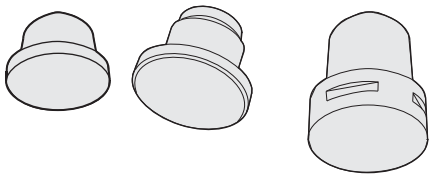
The safe control is used for measuring the clamping force of a machine's clamping system. If the clamping force is too low, the dynamic reaction beween spindle and tool deteriorates.

Contact your local Sandvik representative for more information.

Assembly item

Cover plug

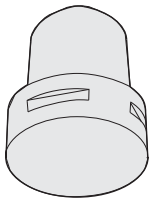
CP-11 CP-01 CPA-01



Coupling size	**Ordering code**		
	Manual unit	Automatic unit	Type 3000
C3	**C3-CP-01**	-	**C3-CP-11**
C4	C4-CP-01	**C4-CPA-01**	**C4-CP-11**
C5	C5-CP-01	**C5-CPA-01**	**C5-CP-11**
C6	C6-CP-01	**C6-CPA-01**	-
C8	C8-CP-01	**C8-CPA-01**	-
C10	-	**C10-CPA-01**	-

Balancing tool

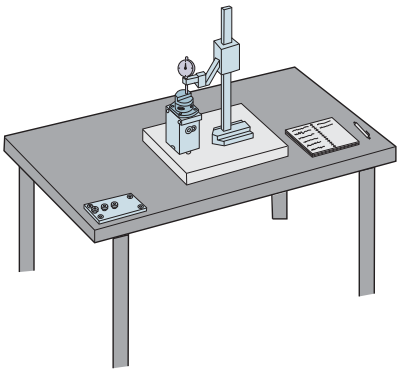
Cx-BAT-01



Coupling size	**Ordering code**
C3	**C3 - BAT - 01**
C4	**C4 - BAT - 01**
C5	**C5 - BAT - 01**
C6	**C6 - BAT - 01**
C8	**C8 - BAT - 01**
C10	**C10 - BAT - 01**

Assembly item

Pre-measuring fixture for Coromant Capto® cutting units



The precision of the Coromant Capto coupling ensures excellent repeatability when changing the same tool unit. This accuracy can be utilized in many ways, for example, in manual changing, the cutting edge indexing takes place outside the machine, where the edge positions can be checked in two co-ordinates on Sandvik's new pre-measuring fixture.

When the pre-measured unit is returned to the clamping unit in the turret, the edge deviation is compensated for through the machine control offset.

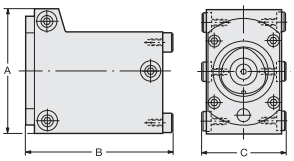
The fixture can be used with any dial indicator and preferably, a surface plate, but Sandvik recommend an indicator with a zero-set switch and a contact stylus.

Basic package

You may already have the required measuring equipment in your shop – all you need is the measuring kit:

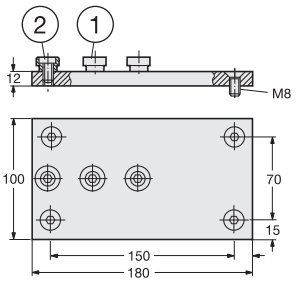
- Pre-measuring unit
- Holding plate (anchor for tightening)
- Master

Pre-measuring unit



Coupling size	Ordering code	Dimensions, mm (inch) A	B	C
C3	**C3-PMU-01M**	65 (2.56)	85 (3.35)	44 (1.79)
C4	**C4-PMU-01M**	77 (3.03)	94 (3.70)	54 (2.13)
C5	**C5-PMU-01M**	94 (3.70)	130 (5.12)	70 (2.76)
C6	**C6-PMU-01**	114 (4.40)	135 (5.31)	90 (3.54)
C8	**C8-PMU-01**	133 (5.24)	150 (5.91)	106 (4.17)

Holding plate for Pre-measuring unit



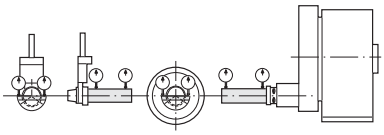
Coupling size	Ordering code	Spare parts 1 Stud	2 Screw
C3 – C8	**C-HP-01**	5638 060-01	3212 020-409

Assembly item

Master setting gauges

Checking position for grippers

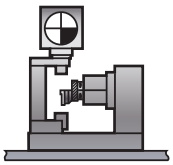
Spindle orientation



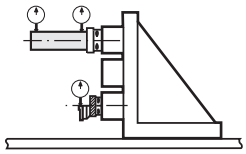
The Coromant Capto system guarantees exceptional, repeatable accuracy but this is of little use unless the various other components in the total machining process are correctly and accurately positioned.
Coromant offers a range of axial and centre height master setting gauges for the various coupling sizes which are strongly recommended for setting important parameters such as:

Tool post centre line

- The centre line of the tool post



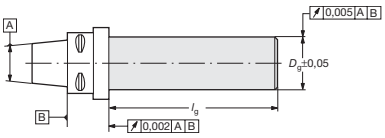
Tool presetting



Component fixture geometric control

Axial gauge

Master setting gauges MAS-11

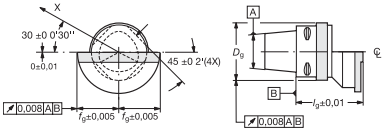


Coupling size	Ordering code	Dimensions, mm (inch) D_g	l_g
C3	**C3-MAS-11**	25 (.98)	160 (6.30)
C4	**C4-MAS-11**	25 (.98)	160 (6.30)
C5	**C5-MAS-11**	32 (1.26)	210 (8.27)
C6	**C6-MAS-11**	40 (1.57)	315 (12.40)
C8	**C8-MAS-11**	40 (1.57)	315 (12.40)
C10	**C10-MAS-11**	60 (2.362)	420 (16.535)

Centre height gauge

Master setting gauges MAS-01

(Polygon) Gripper groove



Coupling size	Ordering code	Dimensions, mm (inch) f_g	l_g	D_g
C3	**C3-MAS-01**	22 (.87)	40 (1.57)	34 (1.34)
C4	**C4-MAS-01**	27 (1.06)	50 (1.97)	42 (1.65)
C5	**C5-MAS-01**	35 (1.38)	60 (2.36)	52 (2.05)
C6	**C6-MAS-01**	45 (1.77)	65 (2.56)	65 (2.56)
C8	**C8-MAS-01**	55 (2.17)	80 (3.15)	82 (3.23)
C10	**C10-MAS-01**	65 (2.559)	100 (3.937)	102 (4.016)

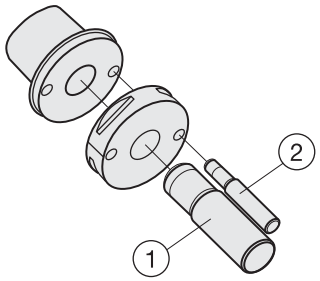
Centre height gauge

Coupling size	Ordering code	Dimensions, mm (inch) l_g	D_g
C4	**C4-MAS-25 140**	140 (5.512)	25 (.984)
C5	**C5-MAS-32 145**	145 (5.709)	32 (1.260)
C6	**C6-MAS-40 180**	180 (7.087)	40 (1.575)
C8	**C8-MAS-40 240**	240 (9.449)	40 (1.575)

Assembly item

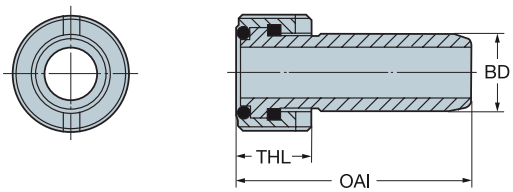
Alignment tool

This tool is used to check the Automatic Tool Change positioning tolerance between the gripper arm and magazine and the clamping unit/spindle. If the tolerance is not achieved the result can be abnormal wear on cutting tool or Coromant Capto interface, wrong clamping, dropped tools, personal injuries etc. Instructions and tolerances are available in the box together with the tool.



Coupling size	**Ordering code** **Tool**	Spare parts 1 Gauge pin	2 Gauge pin
C4	**C4-AMT-01**	5552 069-03	5552 069-01
C5	**C5-AMT-01**	5552 069-04	5552 069-01
C6	**C6-AMT-01**	5552 069-05	5552 069-02
C8	**C8-AMT-01**	5552 069-05	5552 069-02
C10	**C10-AMT-01**	5552 069-09	5552 069-08

Coolant tube



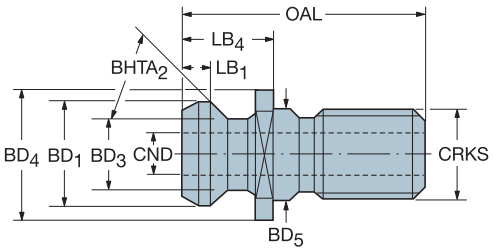
HSK size	Ordering code	Dimensions, mm, inch BD	THL	OAL	Kg	Key Ordering code	Torque Nm
40	5692 022-02	8	7.5	29.5	0.01	5680 094-02	10
		.315	*.295*	*1.161*			
50	5692 022-03	10	9.5	32.8	0.02	5680 094-03	15
		.394	*.374*	*1.291*			
63	5692 022-04	12	11.5	46.5	0.03	5680 094-04	20
		.472	*.453*	*1.437*			
100	5692 022-06	16	15.5	44.5	0.05	5680 094-06	30
		.630	*.610*	*1.752*			
125	5692 022-07	18	17.5	48	0.08	5680 094-07	30
		.709	*.689*	*1.890*			

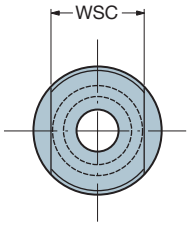
ISO 13399

Q1

Draw bolt



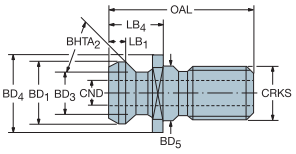


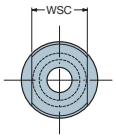


ISO/DIN

	Dimensions, mm												
Ordering code	CRKS	CND	WSC	OAL	BD_1	BD_3	BD_4	BD_5	LB_1	LB_4	BHTA	CNSC	BSG
393.140C-40 M16-45	M16	7.35	18.0	44	18	12	22	17	5	16	45°	1	ISO 7388 B
393.140C-40 M16-75-1	M16	7.00	19.0	54	19	14	23	17	6	26	75°	1	ISO 7388
393.140C-40 M16-75-2	M16	7.00	19.0	54	19	14	23	17	6	26	75°	1	DIN 69872
393.140C-50 M24-45	M24	11.50	30.0	65	29	19	37	25	7	25	45°	1	ISO 7388 B
393.140C-50 M24-75-1	M24	11.50	30.0	74	28	21	36	25	9	34	75°	1	ISO 7388
393.140C-50 M24-75-2	M24	11.50	30.0	74	28	21	36	25	9	34	75°	1	DIN 69872







MAS-BT

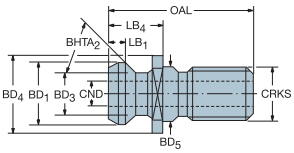
	Dimensions, mm												
Ordering code	CRKS	CND	WSC	OAL	BD_1	BD_3	BD_4	BD_5	LB_1	LB_4	BHTA	CNSC	BSG
393.55-30 M12-45	M12		13.0	43	11	7	16	12	5	23	45°	0	
393.55-30 M12-60	M12		13.0	43	11	7	16	12	5	23	60°	0	
393.55-40 M16-45	M16		19.0	60	15	10	23	17	7	35	45°	0	
393.55-40 M16-60	M16		19.0	60	15	10	23	17	7	35	60°	0	
393.55-40 M16-90	M16		19.0	60	15	10	23	17	7	35	90°	0	
393.55-50 M24-45	M24		30.0	85	23	17	38	25	10	45	45°	0	
393.55-50 M24-60	M24		30.0	85	23	17	38	25	10	45	60°	0	
393.55-50 M24-90	M24		30.0	85	23	17	38	25	20	45	90°	0	
393.55C-30 M12-45	M12	2.38	13.0	43	11	7	16	12	5	23	45°	1	
393.55C-30 M12-45FA	M12	4.00	13.0	43	11	8	16	12	5	23	45°	1	
393.55C-30 M12-45MS	M12	2.50	13.0	43	11	7	16	12	5	23	45°	1	
393.55C-30 M12-60	M12	2.38	13.0	43	11	7	16	12	5	23	60°	1	
393.55C-30 M12-60BR	M12	2.50	13.0	43	11	7	16	12	5	23	60°	1	
393.55C-40 M16-45	M16	4.00	19.0	60	15	10	23	17	7	35	45°	1	
393.55C-40 M16-75	M16	7.00	19.0	54	19	14	23	17	6	29	75°	1	JIS 40
393.55C-50 M24-75	M24	11.50	30.0	74	28	21	36	25	9	34	75°	1	JIS 50

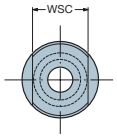
ISO 13399 Q1

CNSC CXSC Q35

Draw bolt







CAT-V

Ordering code	Dimensions, inch CRKS	CND	WSC	OAL	BD_1	BD_3	BD_4	BD_5	LB_1	LB_4	BHTA	CNSC
393.45-40 5/8-45-1M	5/8-11 UNC		.750	2.320	.590	.390	.940	.614			45°	0
393.45-40 5/8-45-2	5/8-11 UNC		.750	2.250	.591	.394	.940	.641	.276	1.266	45°	0
393.45-40 5/8-90M	5/8-11 UNC		.690	2.320	.590	.390	.860	.614			90°	0
393.45-50 1-90M	1-8 UNC		1.190	3.310	.902	.670	1.370	1.031			90°	0
393.45C-40 5/8-45-1	5/8-11 UNC	.281	.750	1.500	.740	.490	.940		.201	.640	45°	1
393.45C-40 5/8-45-2M	5/8-11 UNC	.197	.750	2.320	.590	.390	.940	.614	.272	1.260	45°	1
393.45C-40 5/8-45-3	5/8-11 UNC	.236	.750	1.624	.740	.490	.858		.201	.640	45°	1
393.45C-40 5/8-75M	5/8-11 UNC	.276	.750	2.060	.744	.550	.900	.614	.228	1.020	75°	1
393.45C-40 M16-45-1	M16	.276	.750	1.624	.739	.490	.860	.669	.201	.640	45°	1
393.45C-40 M16-45-2	M16	.252	.748	1.736	.740	.490	.866	.669	.201	.752	45°	1
393.45C-50 1-45-1	1-8 UNC	.469	1.250	2.300	1.140	.820	1.440		.299	1.000	45°	1
393.45C-50 1-45-2M	1-8 UNC	.250	1.190	3.330	.900	.660	1.370	1.031	.409	1.790	45°	1
393.45C-50 1-45-3	1-8 UNC	.394	1.250	2.575	1.140	.820	1.437		.299	1.000	45°	1
393.45C-50 1-45-4M	1-8 UNC	.468	1.250	2.300	1.140	.820	1.430	1.031	.299	1.000	45°	1
393.45C-50 1-60M	1-8 UNC	.240	1.180	3.250	.904	.670	1.500	1.020	.390	1.770	60°	1
393.45C-50 M24-45	M24	.394	1.187	2.575	1.140	.820	1.437	.984	.299	1.000	45°	1

393.45C-50 1-60M With O-ring 3x20mm

Warning!

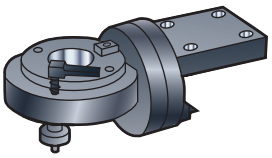
Machine tool manufacturers use many various styles and sizes of retention knobs. They often look very similar and appear to be interchangeble. The use of the incorrect knob, or the incorrect use of a knob, may result in injury or property damage. We try to ensure that we specify the correct knob, but due to the variety, it is the responsibility of the end user to check that the supplied knobs are correct for the machine toll and taper type.
Be sure to fully tighten the retention knob. Failure to do so may result in the tool holder coming loose during operation.

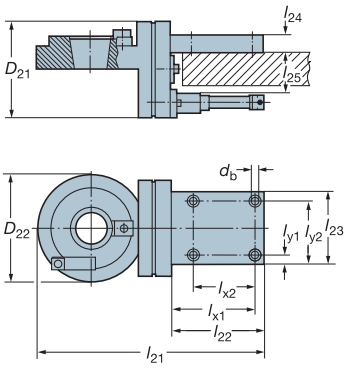
ISO 13399 Q1

CNSC CXSC Q35

Assembly fixture

Pneumatically operated





Note!
Assembly fixture 391.200-xx includes foot pedal.
Instructions are enclosed with fixture.
Air supply of 6 bar (85 lbs/in²) is required.

Size	**Ordering code**	Dimensions, mm, inch												
Taper		d_b	D_{21}	D_{22}	l_{21}	l_{22}	l_{23}	l_{24}	l_{25}	l_{x1}	l_{x2}	l_{y1}	l_{y2}	KG
40	**391.200-40**	11	160	180	370	150	120	30	67	135	100	15	105	20
		.433	*6.299*	*7.087*	*14.567*	*5.906*	*4.724*	*1.181*	*2.637*	*5.315*	*3.737*	*.590*	*4.134*	
45	**391.200-45**	11	160	180	370	150	120	30	67	135	100	15	105	20
		.433	*6.299*	*7.087*	*14.567*	*5.906*	*4.724*	*1.181*	*2.637*	*5.315*	*3.737*	*.590*	*4.134*	
50	**391.200-50**	11	160	180	370	150	120	30	67	135	100	15	105	20
		.433	*6.299*	*7.087*	*14.567*	*5.906*	*4.724*	*1.181*	*2.637*	*5.315*	*3.737*	*.590*	*4.134*	

Arbor mounting screws with coolant hole

Metric

Arbor size	Screw		Key
16	5512 073-03	(M8)	3021 010-060 (6.0)
22	5512 073-01	(M10)	3021 010-080 (8.0)
22	5512 073-04	(M10)	3021 010-080 (8.0)
27	5512 073-02	(M12)	3021 010-100 (10.0)
32	5512 073-05	(M16)	3021 010-140 (12.0)

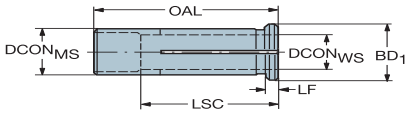
Inch

Arbor size	Screw		Key
.750	5512 074-01	(3/8"-24 UNF)	3021 011-516 (5/16)
.750	5512 074-03	(3/8"-24 UNF)	3021 011-516 (5/16)
1.000	5512 074-02	(1/2"-20 UNF)	3021 011-380 (3/8)
1.250	5512 074-04	(5/8"-18 UNF)	- (1/2)
1.500	5512 074-05	(3/4"-16 UNF)	- (5/8)

Cylindrical sleeves

Metallic sealed for coolant through tool





Metric bore

			Dimensions, mm			
CZC_{MS}	CZC_{WS}	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LF	LSC
6	3.0	393.CGS-06 03 27	6	3.0	3	22
12	3.0	393.CGS-12 03 40	12	3.0	4	25
	4.0	393.CGS-12 04 40	12	4.0	4	25
	5.0	393.CGS-12 05 40	12	5.0	4	25
	6.0	393.CGS-12 06 40	12	6.0	4	32
	7.0	393.CGS-12 07 40	12	7.0	4	33
	8.0	393.CGS-12 08 40	12	8.0	4	33
	9.0	393.CGS-12 09 40	12	9.0	4	33
	10.0	393.CGS-12 10 40	12	10.0	4	36
20	3.0	393.CGS-20 03 52	20	3.0	4	24
	4.0	393.CGS-20 04 52	20	4.0	4	24
	5.0	393.CGS-20 05 52	20	5.0	4	24
	6.0	393.CGS-20 06 52	20	6.0	4	32
	7.0	393.CGS-20 07 52	20	7.0	4	33
	8.0	393.CGS-20 08 52	20	8.0	4	33
	9.0	393.CGS-20 09 52	20	9.0	4	34
	10.0	393.CGS-20 10 52	20	10.0	4	36
	12.0	393.CGS-20 12 52	20	12.0	4	41
	14.0	393.CGS-20 14 52	20	14.0	4	41
	16.0	393.CGS-20 16 52	20	16.0	4	45
	18.0	393.CGS-20 18 52	20	18.0	4	42
25	3.0	393.CGS-25 03 56	25	3.0	4	25
	4.0	393.CGS-25 04 56	25	4.0	4	25
	5.0	393.CGS-25 05 56	25	5.0	4	25
	6.0	393.CGS-25 06 56	25	6.0	4	33
	7.0	393.CGS-25 07 56	25	7.0	4	33
	8.0	393.CGS-25 08 56	25	8.0	4	33
	9.0	393.CGS-25 09 56	25	9.0	4	34
	10.0	393.CGS-25 10 56	25	10.0	4	36
	12.0	393.CGS-25 12 56	25	12.0	4	42
	14.0	393.CGS-25 14 56	25	14.0	4	43
	16.0	393.CGS-25 16 56	25	16.0	4	44
	18.0	393.CGS-25 18 56	25	18.0	4	44
	20.0	393.CGS-25 20 56	25	20.0	4	45
32	8.0	393.CGS-32 08 60	32	8.0	4	33
	10.0	393.CGS-32 10 60	32	10.0	4	36
	12.0	393.CGS-32 12 60	32	12.0	4	41
	14.0	393.CGS-32 14 60	32	14.0	4	42
	16.0	393.CGS-32 16 60	32	16.0	4	44
	18.0	393.CGS-32 18 60	32	18.0	4	45
	20.0	393.CGS-32 20 60	32	20.0	4	46
	25.0	393.CGS-32 25 60	32	25.0	4	53

LSC Clamping length required to achieve sealing effect.

For extractors for cylindrical collets, see page P19

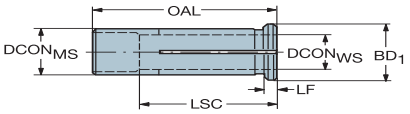
ISO 13399 Q1

SANDVIK Coromant

Cylindrical sleeves

Metallic sealed for coolant through tool





Inch bore

			Dimensions, inch				
CZC_{MS}	CZC_{WS}	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	BD_1	LF	OAL
12	1/8	A393.CGS-12 02 40	.472	.125	.630	.157	1.732
	3/16	A393.CGS-12 03 40	.472	.187	.630	.157	1.732
	1/4	A393.CGS-12 04 40	.472	.250	.630	.157	1.732
	5/16	A393.CGS-12 05 40	.472	.313	.630	.157	1.732
	3/8	A393.CGS-12 06 40	.472	.375	.630	.157	1.732
20	1/8	A393.CGS-20 02 52	.787	.125	.984	.157	2.125
	3/16	A393.CGS-20 03 52	.787	.187	.984	.157	2.125
	1/4	A393.CGS-20 04 52	.787	.250	.984	.157	2.125
	5/16	A393.CGS-20 05 52	.787	.313	.984	.157	2.125
	3/8	A393.CGS-20 06 52	.787	.375	.984	.157	2.125
	7/16	A393.CGS-20 07 52	.787	.438	.984	.157	2.125
	1/2	A393.CGS-20 08 52	.787	.500	.984	.157	2.125
	9/16	A393.CGS-20 09 52	.787	.563	.984	.157	2.125
	5/8	A393.CGS-20 10 52	.787	.625	.984	.157	2.125
25	1/8	A393.CGS-25 02 56	.984	.125	1.181	.157	2.362
	3/16	A393.CGS-25 03 56	.984	.187	1.181	.157	2.362
	1/4	A393.CGS-25 04 56	.984	.250	1.181	.157	2.362
	5/16	A393.CGS-25 05 56	.984	.313	1.181	.157	2.362
	3/8	A393.CGS-25 06 56	.984	.375	1.181	.157	2.362
	7/16	A393.CGS-25 07 56	.984	.438	1.181	.157	2.362
	1/2	A393.CGS-25 08 56	.984	.500	1.181	.157	2.362
	9/16	A393.CGS-25 09 56	.984	.563	1.181	.157	2.362
	9	A393.CGS-25 09.2 56	.984	.362	1.181	.157	2.362
	5/8	A393.CGS-25 10 56	.984	.625	1.181	.157	2.362
	11/16	A393.CGS-25 11 56	.984	.687	1.181	.157	2.362
	3/4	A393.CGS-25 12 56	.984	.750	1.181	.157	2.362
	13/16	A393.CGS-25 13 56	.984	.813	1.181	.157	2.362
	18	A393.CGS-25 18.7 56	.984	.736	1.181	.157	2.362
32	3/16	A393.CGS-32 03 60	1.260	.187	1.417	.157	2.519
	1/4	A393.CGS-32 04 60	1.260	.250	1.417	.157	2.519
	5/16	A393.CGS-32 05 60	1.260	.313	1.417	.157	2.519
	3/8	A393.CGS-32 06 60	1.260	.375	1.417	.157	2.519
	7/16	A393.CGS-32 07 60	1.260	.438	1.417	.157	2.519
	1/2	A393.CGS-32 08 60	1.260	.500	1.417	.157	2.519
	9/16	A393.CGS-32 09 60	1.260	.563	1.417	.157	2.519
	5/8	A393.CGS-32 10 60	1.260	.625	1.417	.157	2.519
	11/16	A393.CGS-32 11 60	1.260	.687	1.417	.157	2.519
	3/4	A393.CGS-32 12 60	1.260	.750	1.417	.157	2.519
	13/16	A393.CGS-32 13 60	1.260	.813	1.417	.157	2.519
	7/8	A393.CGS-32 14 60	1.260	.875	1.417	.157	2.519
	15/16	A393.CGS-32 15 60	1.260	.938	1.417	.157	2.519
	1	A393.CGS-32 16 60	1.260	1.000	1.417	.157	2.519
	18	A393.CGS-32 18.7 60	1.260	.736	1.417	.157	2.519

For extractors for cylindrical collets, see page P19

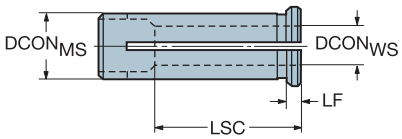
ISO 13399

Q1

Cylindrical sleeves

Coolant through sleeve





Metric bore

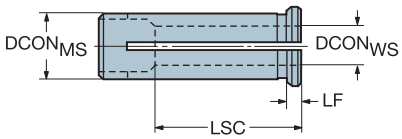
CZC$_{MS}$	CZC$_{WS}$	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LF	LSC
12	2.9	393.CG-12 02.9 40	12	2.9	4	25
	3.0	393.CG-12 03 40	12	3.0	4	25
	3.8	393.CG-12 03.8 40	12	3.8	4	25
	4.0	393.CG-12 04 40	12	4.0	4	25
	4.8	393.CG-12 04.8 40	12	4.8	4	25
	5.0	393.CG-12 05 40	12	5.0	4	25
	5.8	393.CG-12 05.8 40	12	5.8	4	32
	6.0	393.CG-12 06 40	12	6.0	4	32
	7.0	393.CG-12 07 40	12	7.0	4	33
	7.8	393.CG-12 07.8 40	12	7.8	4	33
	8.0	393.CG-12 08 40	12	8.0	4	33
	9.0	393.CG-12 09 40	12	9.0	4	33
	10.0	393.CG-12 10 40	12	10.0	4	36
16	6.0	393.CG-16 06 50	16	6.0	4	32
	8.0	393.CG-16 08 50	16	8.0	4	32
	10.0	393.CG-16 10 50	16	10.0	4	36
	12.0	393.CG-16 12 50	16	12.0	4	36
20	3.0	393.CG-20 03 52	20	3.0	4	24
	4.0	393.CG-20 04 52	20	4.0	4	24
	5.0	393.CG-20 05 52	20	5.0	4	24
	6.0	393.CG-20 06 52	20	6.0	4	32
	7.0	393.CG-20 07 52	20	7.0	4	33
	8.0	393.CG-20 08 52	20	8.0	4	33
	9.0	393.CG-20 09 52	20	9.0	4	34
	9.7	393.CG-20 09.7 50	20	9.7	4	41
	10.0	393.CG-20 10 52	20	10.0	4	36
	11.7	393.CG-20 11.7 50	20	11.7	4	45
	12.0	393.CG-20 12 52	20	12.0	4	41
	14.0	393.CG-20 14 52	20	14.0	4	41
	15.7	393.CG-20 15.7 50	20	15.7	4	48
	16.0	393.CG-20 16 52	20	16.0	4	44
25	3.0	393.CG-25 03 56	25	3.0	4	25
	4.0	393.CG-25 04 56	25	4.0	4	25
	5.0	393.CG-25 05 56	25	5.0	4	25
	6.0	393.CG-25 06 56	25	6.0	4	33
	7.0	393.CG-25 07 56	25	7.0	4	33
	8.0	393.CG-25 08 56	25	8.0	4	33
	9.0	393.CG-25 09 56	25	9.0	4	34
	9.7	393.CG-25 09.7 56	25	9.7	4	38
	10.0	393.CG-25 10 56	25	10.0	4	36
	11.7	393.CG-25 11.7 56	25	11.7	4	41
	12.0	393.CG-25 12 56	25	12.0	4	42
	14.0	393.CG-25 14 56	25	14.0	4	43
	15.7	393.CG-25 15.7 56	25	15.7	4	48
	16.0	393.CG-25 16 56	25	16.0	4	44
	18.0	393.CG-25 18 56	25	18.0	4	44
	19.7	393.CG-25 19.7 56	25	19.7	4	50
	20.0	393.CG-25 20 56	25	20.0	4	46

For extractors for cylindrical collets, see page P19

Cylindrical sleeves

Coolant through sleeve





Metric bore

			Dimensions, mm			
CZC_{MS}	CZC_{WS}	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LF	LSC
32	6.0	**393.CG-32 06 60**	32	6.0	4	33
	8.0	**393.CG-32 08 60**	32	8.0	4	33
	10.0	**393.CG-32 10 60**	32	10.0	4	36
	12.0	**393.CG-32 12 60**	32	12.0	4	41
	14.0	**393.CG-32 14 60**	32	14.0	4	42
	15.7	**393.CG-32 15.7 60**	32	15.7	4	47
	16.0	**393.CG-32 16 60**	32	16.0	4	44
	18.0	**393.CG-32 18 60**	32	18.0	4	45
	19.7	**393.CG-32 19.7 60**	32	19.7	4	50
	20.0	**393.CG-32 20 60**	32	20.0	4	46
	24.7	**393.CG-32 24.7 60**	32	24.7	4	56
	25.0	**393.CG-32 25 60**	32	25.0	4	53

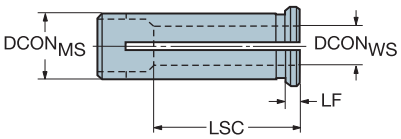
For extractors for cylindrical collets, see page P19

ISO 13399 Q1

Cylindrical sleeves

Coolant through sleeve





Inch bore

CZC$_{MS}$	CZC$_{WS}$	Ordering code	Dimensions, inch DCON$_{MS}$	DCON$_{WS}$	BD$_1$	LF	OAL
12	1/4	A393.CG-12 04 40	.472	.250	.630	.157	1.732
	3/8	A393.CG-12 06 40	.472	.375	.630	.157	1.732
20	1/4	A393.CG-20 04 52	.787	.250	.984	.157	2.125
	3/8	A393.CG-20 06 52	.787	.375	.984	.157	2.125
	1/2	A393.CG-20 08 52	.787	.500	.984	.157	2.125
	9	A393.CG-20 09.2 50	.787	.362	.984	.157	2.125
	5/8	A393.CG-20 10 52	.787	.625	.984	.157	2.125
25	1/4	A393.CG-25 04 56	.984	.250	1.181	.157	2.362
	3/8	A393.CG-25 06 56	.984	.375	1.181	.157	2.362
	1/2	A393.CG-25 08 56	.984	.500	1.181	.157	2.362
	9	A393.CG-25 09.2 56	.984	.362	1.181	.157	2.362
	5/8	A393.CG-25 10 56	.984	.625	1.181	.157	2.362
	3/4	A393.CG-25 12 56	.984	.750	1.181	.157	2.362
	18	A393.CG-25 18.7 56	.984	.736	1.181	.157	2.362
32	1/4	A393.CG-32 04 60	1.260	.250	1.417	.157	2.519
	3/8	A393.CG-32 06 60	1.260	.375	1.417	.157	2.519
	1/2	A393.CG-32 08 60	1.260	.500	1.417	.157	2.519
	5/8	A393.CG-32 10 60	1.260	.625	1.417	.157	2.519
	3/4	A393.CG-32 12 60	1.260	.750	1.417	.157	2.519
	1	A393.CG-32 16 60	1.260	1.000	1.417	.157	2.519
	18	A393.CG-32 18.7 60	1.260	.736	1.417	.157	2.519

For extractors for cylindrical collets, see page P19

ISO 13399

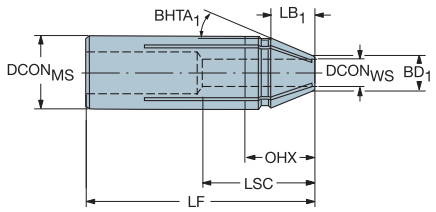
Q1

Cylindrical sleeves

Pencil type

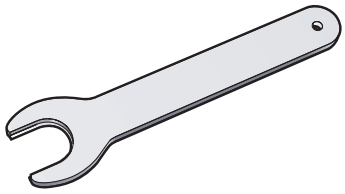


DSGN 3



CZC$_{MS}$	CZC$_{WS}$	DSGN	Ordering code	Dimensions, mm DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	BD$_1$	CNSC	CP Bar	Kg
20	6	3	393.CGP-20 06 72	20	6	72.0	14.1	9	1	80	0.1
	8	3	393.CGP-20 08 72	20	8	72.0	13.9	11	1	80	0.1
	10	3	393.CGP-20 10 72	20	10	72.0	13.6	13	1	80	0.1
	12	3	393.CGP-20 12 72	20	12	72.0	13.2	15	1	80	0.1

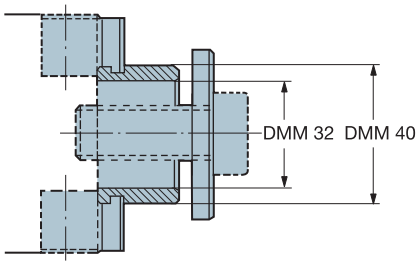
Extractor for cylindrical sleeves



Ordering code	For collet size Metric	Inch
5680 061-01	12	13 (1/2")
5680 061-02	16	15 (5/8")
5680 061-03	20	19 (3/4")
5680 061-04	25	26 (1")
5680 061-05	32	31 (1 1/4")

Sleeve set

Silent Tools



Ordering code
5638 035-011

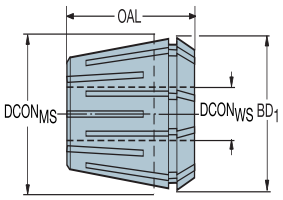
ISO 13399 Q1

ER collet

Metallic sealed for coolant through tool

Compatible with DIN 6499-B





Metric bore

CZC$_{MS}$	CZC$_{WS}$	Ordering code	Dimensions, mm, inch OAL	BD$_1$
ER16	3 (h9)	393.15-16 03	27	17
			1.083	*.669*
	4 (h9)	393.15-16 04	27	17
			1.083	*.669*
	5.0 - 4.5	393.15-16 05	27	17
			1.083	*.669*
	6.0 - 5.5	393.15-16 06	27	17
			1.083	*.669*
	8.0 - 7.5	393.15-16 08	27	17
			1.083	*.669*
	10.0 - 9.5	393.15-16 10	27	17
			1.083	*.669*
ER20	3 (h9)	393.15-20 03	31	21
			1.240	*.827*
	4 (h9)	393.15-20 04	31	21
			1.240	*.827*
	5 (h9)	393.15-20 05	31	21
			1.240	*.827*
	6 (h9)	393.15-20 06	31	21
			1.240	*.827*
	8.0 - 7.5	393.15-20 08	31	21
			1.240	*.827*
	10.0 - 9.5	393.15-20 10	31	21
			1.240	*.827*
	12.0 - 11.5	393.15-20 12	31	21
			1.240	*.827*
ER25	6 (h9)	393.15-25 06	34	26
			1.339	*1.024*
	8.0 - 7.5	393.15-25 08	34	26
			1.339	*1.024*
	10.0 - 9.5	393.15-25 10	34	26
			1.339	*1.024*
	12.0 - 11.5	393.15-25 12	34	26
			1.339	*1.024*
	14.0 - 13.5	393.15-25 14	34	26
			1.339	*1.024*
	16.0 - 15.5	393.15-25 16	34	26
			1.339	*1.024*

ISO 13399

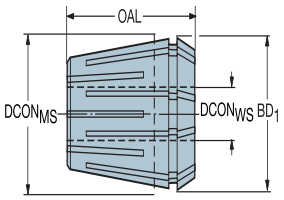
Q1

ER collet

Metallic sealed for coolant through tool

Compatible with DIN 6499-B





Metric bore

			Dimensions, mm, inch	
CZC_{MS}	CZC_{WS}	**Ordering code**	OAL	BD_1
ER32	6 (h9)	**393.15-32 06**	40	33
			1.575	*1.299*
	8.0 - 7.5	**393.15-32 08**	40	33
			1.575	*1.299*
	10.0 - 9.5	**393.15-32 10**	40	33
			1.575	*1.299*
	12.0 - 11.5	**393.15-32 12**	40	33
			1.575	*1.299*
	14.0 - 13.5	**393.15-32 14**	40	33
			1.575	*1.299*
	16.0 - 15.5	**393.15-32 16**	40	33
			1.575	*1.299*
	18.0 - 17.5	**393.15-32 18**	40	33
			1.575	*1.299*
	20.0 - 19.5	**393.15-32 20**	40	33
			1.575	*1.299*
ER40	6 (h9)	**393.15-40 06**	46	41
			1.811	*1.614*
	8 (h9)	**393.15-40 08**	46	41
			1.811	*1.614*
	10.0 - 9.5	**393.15-40 10**	46	41
			1.811	*1.614*
	12.0 - 11.5	**393.15-40 12**	46	41
			1.811	*1.614*
	14.0 - 13.5	**393.15-40 14**	46	41
			1.811	*1.614*
	16.0 - 15.5	**393.15-40 16**	46	41
			1.811	*1.614*
	18.0 - 17.5	**393.15-40 18**	46	41
			1.811	*1.614*
	20.0 - 19.5	**393.15-40 20**	46	41
			1.811	*1.614*
	25.0 - 24.5	**393.15-40 25**	46	41
			1.811	*1.614*

ISO 13399

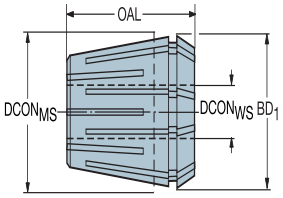
Q1

ER collet

Metallic sealed for coolant through tool

Compatible with DIN 6499-B





Inch bore

			Dimensions, inch	
CZC$_{MS}$	CZC$_{WS}$	**Ordering code**	OAL	BD$_1$
ER16	.2500 - .2303	**A393.15-16 1/4**	1.082	.669
	.3125 - .2929	**A393.15-16 5/16**	1.082	.669
	.3750 - .3556	**A393.15-16 3/8**	1.082	.669
	1/8 (h9)	**A393.15-16 1/8**	1.082	.669
	3/16 (h9)	**A393.15-16 3/16**	1.082	.669
	5/32 (h9)	**A393.15-16 5/32**	1.082	.669
ER20	.3125 - .2929	**A393.15-20 5/16**	1.240	.827
	.3750 - .3556	**A393.15-20 3/8**	1.240	.827
	.5000 - .4803	**A393.15-20 1/2**	1.240	.827
	1/4 (h9)	**A393.15-20 1/4**	1.240	.827
	1/8 (h9)	**A393.15-20 1/8**	1.240	.827
	3/16 (h9)	**A393.15-20 3/16**	1.240	.827
	5/32 (h9)	**A393.15-20 5/32**	1.240	.827
ER25	.3125 - .2929	**A393.15-25 5/16**	1.338	1.024
	.3750 - .3556	**A393.15-25 3/8**	1.338	1.024
	.5000 - .4803	**A393.15-25 1/2**	1.338	1.024
	.6250 - .6055	**A393.15-25 5/8**	1.338	1.024
	1/4 (h9)	**A393.15-25 1/4**	1.338	1.024
ER32	.3125 - .2929	**A393.15-32 5/16**	1.574	1.299
	.3750 - .3556	**A393.15-32 3/8**	1.574	1.299
	.5000 - .4803	**A393.15-32 1/2**	1.574	1.299
	.6250 - .6055	**A393.15-32 5/8**	1.574	1.299
	.7500 - .7303	**A393.15-32 3/4**	1.574	1.299
	1/4 (h9)	**A393.15-32 1/4**	1.574	1.299
ER40	.3750 - .3556	**A393.15-40 3/8**	1.811	1.614
	.5000 - .4803	**A393.15-40 1/2**	1.811	1.614
	.6250 - .6055	**A393.15-40 5/8**	1.811	1.614
	.7500 - .7303	**A393.15-40 3/4**	1.811	1.614
	1.0000 - .9646	**A393.15-40 1**	1.811	1.614
	1/4 (h9)	**A393.15-40 1/4**	1.811	1.614
	5/16 (h9)	**A393.15-40 5/16**	1.811	1.614

ISO 13399

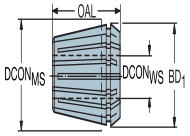
Q1

ER collet

Coolant through collet

Compatible with DIN 6499-B





			Dimensions, mm, inch	
CZC$_{MS}$	CZC$_{WS}$	**Ordering code**	OAL	BD$_1$
ER8	3.00 - 2.50	**393.14-08 0300**	13	8
			.535	*.335*
	3.50 - 3.00	**393.14-08 0350**	13	8
			.535	*.335*
	4.00 - 3.50	**393.14-08 0400**	13	11
			.535	*.449*
ER11	1.00 - 0.75	**393.14-11 0100**	18	11
			.709	*.449*
	1.25 - 1.00	**393.14-11 0125**	18	11
			.709	*.449*
	1.50 - 1.25	**393.14-11 0150**	18	11
			.709	*.449*
	1.75 - 1.50	**393.14-11 0175**	18	11
			.709	*.449*
	2.00 - 1.75	**393.14-11 0200**	18	11
			.709	*.449*
	2.25 - 2.00	**393.14-11 0225**	18	11
			.709	*.449*
	2.50 - 2.25	**393.14-11 0250**	18	11
			.709	*.449*
	3.00 - 2.50	**393.14-11 0300**	18	11
			.709	*.449*
	3.50 - 3.00	**393.14-11 0350**	18	11
			.709	*.449*
	4.00 - 3.50	**393.14-11 0400**	18	11
			.709	*.449*
	4.50 - 4.00	**393.14-11 0450**	18	11
			.709	*.449*
	5.00 - 4.50	**393.14-11 0500**	18	11
			.709	*.449*
	5.50 - 5.00	**393.14-11 0550**	18	11
			.709	*.449*
	6.00 - 5.50	**393.14-11 0600**	18	11
			.709	*.449*
	6.50 - 6.00	**393.14-11 0650**	18	11
			.709	*.449*
	7.00 - 6.50	**393.14-11 0700**	18	11
			.709	*.449*

ISO 13399

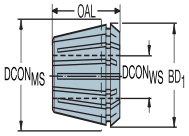
Q1

ER collet

Coolant through collet

Compatible with DIN 6499-B





			Dimensions, mm, inch	
CZC_{MS}	CZC_{WS}	**Ordering code**	OAL	BD_1
ER16	1.0 - 0.5	**393.14-16 0100**	27	17
			1.083	*.669*
	1.5 - 1.0	**393.14-16 0150**	27	17
			1.083	*.669*
	2.0 - 1.0	**393.14-16 0200**	27	17
			1.083	*.669*
	2.5 - 1.5	**393.14-16 0250**	27	17
			1.083	*.669*
	3.0 - 2.0	**393.14-16 0300**	27	17
			1.083	*.669*
	4.0 - 3.0	**393.14-16 0400**	27	17
			1.083	*.669*
	5.0 - 4.0	**393.14-16 0500**	27	17
			1.083	*.669*
	6.0 - 5.0	**393.14-16 0600**	27	17
			1.083	*.669*
	7.0 - 6.0	**393.14-16 0700**	27	17
			1.083	*.669*
	8.0 - 7.0	**393.14-16 0800**	27	17
			1.083	*.669*
	9.0 - 8.0	**393.14-16 0900**	27	17
			1.083	*.669*
	10.0 - 9.0	**393.14-16 1000**	27	17
			1.083	*.669*
ER20	1.5 - 1.0	**393.14-20 015**	31	21
			1.240	*.827*
	2.0 - 1.5	**393.14-20 020**	31	21
			1.240	*.827*
	2.5 - 2.0	**393.14-20 025**	31	21
			1.240	*.827*
	3.0 - 2.5	**393.14-20 030**	31	21
			1.240	*.827*
	4.0 - 3.0	**393.14-20 040**	31	21
			1.240	*.827*
	5.0 - 4.0	**393.14-20 050**	31	21
			1.240	*.827*
	6.0 - 5.0	**393.14-20 060**	31	21
			1.240	*.827*
	7.0 - 6.0	**393.14-20 070**	31	21
			1.240	*.827*
	8.0 - 7.0	**393.14-20 080**	31	21
			1.240	*.827*
	9.0 - 8.0	**393.14-20 090**	31	21
			1.240	*.827*
	10.0 - 9.0	**393.14-20 100**	31	21
			1.240	*.827*
	11.0 - 10.0	**393.14-20 110**	31	21
			1.240	*.827*
	12.0 - 11.0	**393.14-20 120**	31	21
			1.240	*.827*
	13.0 - 12.0	**393.14-20 130**	31	21
			1.240	*.827*

ISO 13399

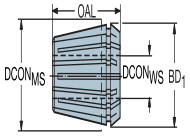
Q1

ER collet

Coolant through collet

Compatible with DIN 6499-B





			Dimensions, mm, inch	
CZC_{MS}	CZC_{WS}	**Ordering code**	OAL	BD_1
ER25	2.0 - 1.5	**393.14-25 020**	34	26
			1.339	*1.024*
	2.5 - 2.0	**393.14-25 025**	34	26
			1.339	*1.024*
	3.0 - 2.5	**393.14-25 030**	34	26
			1.339	*1.024*
	4.0 - 3.0	**393.14-25 040**	34	26
			1.339	*1.024*
	5.0 - 4.0	**393.14-25 050**	34	26
			1.339	*1.024*
	6.0 - 5.0	**393.14-25 060**	34	26
			1.339	*1.024*
	7.0 - 6.0	**393.14-25 070**	34	26
			1.339	*1.024*
	8.0 - 7.0	**393.14-25 080**	34	26
			1.339	*1.024*
	9.0 - 8.0	**393.14-25 090**	34	26
			1.339	*1.024*
	10.0 - 9.0	**393.14-25 100**	34	26
			1.339	*1.024*
	11.0 - 10.0	**393.14-25 110**	34	26
			1.339	*1.024*
	12.0 - 11.0	**393.14-25 120**	34	26
			1.339	*1.024*
	13.0 - 12.0	**393.14-25 130**	34	26
			1.339	*1.024*
	14.0 - 13.0	**393.14-25 140**	34	26
			1.339	*1.024*
	15.0 - 14.0	**393.14-25 150**	34	26
			1.339	*1.024*
	16.0 - 15.0	**393.14-25 160**	34	26
			1.339	*1.024*
ER32	2.5 - 2.0	**393.14-32 025**	40	33
			1.575	*1.299*
	3.0 - 2.5	**393.14-32 030**	40	33
			1.575	*1.299*
	4.0 - 3.0	**393.14-32 040**	40	33
			1.575	*1.299*
	5.0 - 4.0	**393.14-32 050**	40	33
			1.575	*1.299*
	6.0 - 5.0	**393.14-32 060**	40	33
			1.575	*1.299*
	7.0 - 6.0	**393.14-32 070**	40	33
			1.575	*1.299*
	8.0 - 7.0	**393.14-32 080**	40	33
			1.575	*1.299*
	9.0 - 8.0	**393.14-32 090**	40	33
			1.575	*1.299*
	10.0 - 9.0	**393.14-32 100**	40	33
			1.575	*1.299*
	11.0 - 10.0	**393.14-32 110**	40	33
			1.575	*1.299*

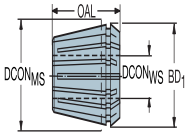
ISO 13399 Q1

ER collet

Coolant through collet

Compatible with DIN 6499-B





			Dimensions, mm, inch	
CZC_{MS}	CZC_{WS}	**Ordering code**	OAL	BD_1
ER32	12.0 - 11.0	**393.14-32 120**	40	33
			1.575	*1.299*
	13.0 - 12.0	**393.14-32 130**	40	33
			1.575	*1.299*
	14.0 - 13.0	**393.14-32 140**	40	33
			1.575	*1.299*
	15.0 - 14.0	**393.14-32 150**	40	33
			1.575	*1.299*
	16.0 - 15.0	**393.14-32 160**	40	33
			1.575	*1.299*
	17.0 - 16.0	**393.14-32 170**	40	33
			1.575	*1.299*
	18.0 - 17.0	**393.14-32 180**	40	33
			1.575	*1.299*
	19.0 - 18.0	**393.14-32 190**	40	33
			1.575	*1.299*
	20.0 - 19.0	**393.14-32 200**	40	33
			1.575	*1.299*
ER40	4.0 - 3.0	**393.14-40 040**	46	41
			1.811	*1.614*
	5.0 - 4.0	**393.14-40 050**	46	41
			1.811	*1.614*
	6.0 - 5.0	**393.14-40 060**	46	41
			1.811	*1.614*
	7.0 - 6.0	**393.14-40 070**	46	41
			1.811	*1.614*
	8.0 - 7.0	**393.14-40 080**	46	41
			1.811	*1.614*
	9.0 - 8.0	**393.14-40 090**	46	41
			1.811	*1.614*
	10.0 - 9.0	**393.14-40 100**	46	41
			1.811	*1.614*
	11.0 - 10.0	**393.14-40 110**	46	41
			1.811	*1.614*
	12.0 - 11.0	**393.14-40 120**	46	41
			1.811	*1.614*
	13.0 - 12.0	**393.14-40 130**	46	41
			1.811	*1.614*
	14.0 - 13.0	**393.14-40 140**	46	41
			1.811	*1.614*
	15.0 - 14.0	**393.14-40 150**	46	41
			1.811	*1.614*
	16.0 - 15.0	**393.14-40 160**	46	41
			1.811	*1.614*
	17.0 - 16.0	**393.14-40 170**	46	41
			1.811	*1.614*
	18.0 - 17.0	**393.14-40 180**	46	41
			1.811	*1.614*
	19.0 - 18.0	**393.14-40 190**	46	41
			1.811	*1.614*
	20.0 - 19.0	**393.14-40 200**	46	41
			1.811	*1.614*

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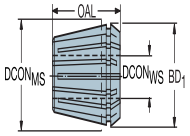
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ER collet

Coolant through collet

Compatible with DIN 6499-B





			Dimensions, mm, inch	
CZC_{MS}	CZC_{WS}	**Ordering code**	OAL	BD_1
ER40	21.0 - 20.0	**393.14-40 210**	46	41
			1.811	*1.614*
	22.0 - 21.0	**393.14-40 220**	46	41
			1.811	*1.614*
	23.0 - 22.0	**393.14-40 230**	46	41
			1.811	*1.614*
	24.0 - 23.0	**393.14-40 240**	46	41
			1.811	*1.614*
	25.0 - 24.0	**393.14-40 250**	46	41
			1.811	*1.614*
	26.0 - 25.0	**393.14-40 260**	46	41
			1.811	*1.614*
ER50	8.0 - 6.0	**393.14-50 080**	60	52
			2.362	*2.047*
	10.0 - 8.0	**393.14-50 100**	60	52
			2.362	*2.047*
	12.0 - 10.0	**393.14-50 120**	60	52
			2.362	*2.047*
	14.0 - 12.0	**393.14-50 140**	60	52
			2.362	*2.047*
	16.0 - 14.0	**393.14-50 160**	60	52
			2.362	*2.047*
	18.0 - 16.0	**393.14-50 180**	60	52
			2.362	*2.047*
	20.0 - 18.0	**393.14-50 200**	60	52
			2.362	*2.047*
	22.0 - 20.0	**393.14-50 220**	60	52
			2.362	*2.047*
	24.0 - 22.0	**393.14-50 240**	60	52
			2.362	*2.047*
	26.0 - 24.0	**393.14-50 260**	60	52
			2.362	*2.047*
	28.0 - 26.0	**393.14-50 280**	60	52
			2.362	*2.047*
	30.0 - 28.0	**393.14-50 300**	60	52
			2.362	*2.047*
	32.0 - 30.0	**393.14-50 320**	60	52
			2.362	*2.047*
	34.0 - 32.0	**393.14-50 340**	60	52
			2.362	*2.047*

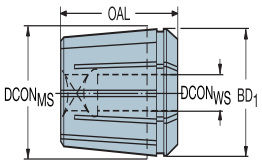
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ER Collet for tap shank

Compatible with DIN 6499-B





			Dimensions, mm, inch	
CZC_{MS}	CZC_{WS}	**Ordering code**	OAL	BD_1
ER11	2.50 x 2.00	**393.14-11 D025X021**	18	11
			.709	*.449*
	2.80 x 2.10	**393.14-11 D028X021**	18	11
			.709	*.449*
	3.50 x 2.70	**393.14-11 D035X027**	18	11
			.709	*.449*
	4.00 x 3.00	**393.14-11 D040X030**	18	11
			.709	*.449*
	4.00 x 3.15	**393.14-11 D040X0315**	18	11
			.709	*.449*
	4.50 x 3.40	**393.14-11 D045X034**	18	11
			.709	*.449*
	5.00 x 4.00	**393.14-11 D050X040**	18	11
			.709	*.449*
	6.00 x 4.90	**393.14-11 D060X049**	18	11
			.709	*.449*
ER20	4.00 x 3.15	**393.14-20 D040X0315**	31	21
			1.240	*.827*
	4.50 x 3.40	**393.14-20 D045X034**	31	21
			1.240	*.827*
	5.00 x 4.00	**393.14-20 D050X040**	31	21
			1.240	*.827*
	6.00 x 4.90	**393.14-20 D060X049**	31	21
			1.240	*.827*
	6.30 x 5.00	**393.14-20 D063X050**	31	21
			1.240	*.827*
	7.00 x 5.50	**393.14-20 D070X055**	31	21
			1.240	*.827*
	8.00 x 6.30	**393.14-20 D080X063**	31	21
			1.240	*.827*
	9.00 x 7.10	**393.14-20 D090X071**	31	21
			1.240	*.827*
	10.00 x 8.00	**393.14-20 D100X080**	31	21
			1.240	*.827*
ER25	8.00 x 6.30	**393.14-25 D080X063**	34	26
			1.339	*1.024*
	9.00 x 7.10	**393.14-25 D090X071**	34	26
			1.339	*1.024*
	10.00 x 8.00	**393.14-25 D100X080**	34	26
			1.339	*1.024*
	11.00 x 9.00	**393.14-25 D110X090**	34	26
			1.339	*1.024*
	11.20 x 9.00	**393.14-25 D112X090**	34	26
			1.339	*1.024*
	12.00 x 9.00	**393.14-25 D120X090**	34	26
			1.339	*1.024*
	12.50 x 10.00	**393.14-25 D125X100**	34	26
			1.339	*1.024*
	14.00 x 11.20	**393.14-25 D140X112**	34	26
			1.339	*1.024*
	16.00 x 12.00	**393.14-25 D160X120**	34	26
			1.339	*1.024*

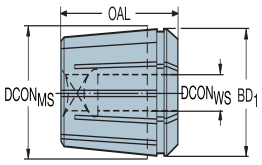
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ER Collet for tap shank

Compatible with DIN 6499-B





			Dimensions, mm, inch	
CZC$_{MS}$	CZC$_{WS}$	**Ordering code**	OAL	BD$_1$
ER40	12.00 x 9.00	**393.14-40 D120X090**	46	41
			1.811	*1.614*
	12.50 x 10.00	**393.14-40 D125X100**	46	41
			1.811	*1.614*
	14.00 x 11.20	**393.14-40 D140X112**	46	41
			1.811	*1.614*
	16.00 x 12.50	**393.14-40 D160X125**	46	41
			1.811	*1.614*
	18.00 x 14.50	**393.14-40 D180X145**	46	41
			1.811	*1.614*
	20.00 x 16.00	**393.14-40 D200X160**	46	41
			1.811	*1.614*
	22.00 x 18.00	**393.14-40 D220X180**	46	41
			1.811	*1.614*

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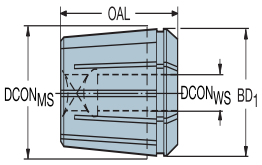
Q1

ER Collet for tap shank

For inch standard taps

Compatible with DIN 6499-B



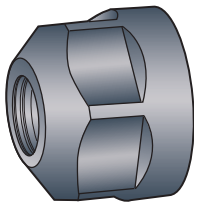


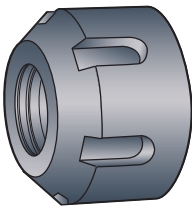
			Dimensions, inch	
CZC_{MS}	CZC_{WS}	**Ordering code**	OAL	BD_1
ER11	.141 x .110	**A393.14-11-0-6 NO**	.708	.449
	.168 x .131	**A393.14-11-8 NO**	.708	.449
	.194 x .152	**A393.14-11-10 NO**	.708	.449
ER20	.168 x .131	**A393.14-20-8 NO**	1.240	.827
	.194 x .152	**A393.14-20-10 NO**	1.240	.827
	.220 x .165	**A393.14-20-12 NO**	1.240	.827
	.255 x .191	**A393.14-20-1/4**	1.240	.827
	.318 x .238	**A393.14-20-5/16**	1.240	.827
	.381 x .286	**A393.14-20-3/8**	1.240	.827
ER25	.255 x .191	**A393.14-25-1/4**	1.338	1.024
	.318 x .238	**A393.14-25-5/16**	1.338	1.024
	.323 x .242	**A393.14-25-7/16**	1.338	1.024
	.367 x .275	**A393.14-25-1/2**	1.338	1.024
	.381 x .286	**A393.14-25-3/8**	1.338	1.024
	.429 x .322	**A393.14-25-9/16**	1.338	1.024
	.480 x .360	**A393.14-25-5/8**	1.338	1.024
	.590 x .442	**A393.14-25-3/4**	1.338	1.024
ER40	.480 x .360	**A393.14-40-5/8**	1.811	1.614
	.590 x .442	**A393.14-40-3/4**	1.811	1.614
	.697 x .523	**A393.14-40-7/8**	1.811	1.614
	.800 x .600	**A393.14-40-1**	1.811	1.614

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ER collet nut





ER collet nut

CZC	Ordering code	TDZ	Wrench	
ER11	5533 050-07	M14 x 0.75	5680 091-03	
ER16	5533 050-06	M22 x 1.5	5680 091-01	
ER20	5533 050-08	M25 x 1.5	5680 091-02	
ER25	5533 050-02	M32 x 1.5	5680 096-02	
ER32	5533 050-03	M40 x 1.5	5680 096-03	
ER40	5533 050-04	M50 x 1.5	5680 096-04	
ER50	5533 050-05	M64 x 2	5680 096-05	

ER collet nut Mini

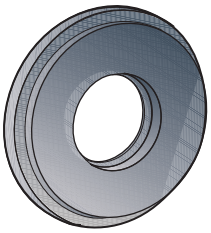
CZC	Ordering code	TDZ	Wrench	
ER8	5533 065-04	M10 x 0.75	5680 098-04	
ER11	5533 065-02	M13 x 0.75	5680 098-02	
ER16	5533 065-03	M19 x 1	5680 098-03	
ER20	5533 065-01	M24 x 1	5680 098-01	

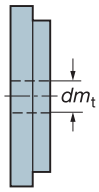
ER collet nuts for through-coolant

CZC	Ordering code	TDZ	Wrench	
ER16	5533 051-01	M22 x 1.5	5680 091-01	
ER20	5533 051-02	M25 x 1.5	5680 091-02	
ER25	5533 051-03	M32 x 1.5	5680 096-02	
ER32	5533 051-04	M40 x 1.5	5680 096-03	
ER40	5533 051-05	M50 x 1.5	5680 096-04	

ER collet sealing discs
See page P32

ER collet sealing discs



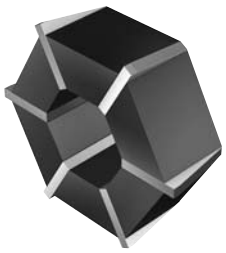


Size 16			Size 25			Size 32			Size 40		
Range, mm (inch) dm_t		Ordering code	Range, mm (inch) dm_t		Ordering code	Range, mm (inch) dm_t		Ordering code	Range, mm (inch) dm_t		Ordering code
3.0-2.5	(.118-.098)	3916.00300	3.0-2.5	(.118-.098)	3925.00300	3.0-2.5	(.118-.098)	3932.00300	3.0-2.5	(.118-.098)	3940.00300
3.5-3.0	(.138-.118)	3916.00350	3.5-3.0	(.138-.118)	3925.00350	3.5-3.0	(.138-.118)	3932.00350	3.5-3.0	(.138-.118)	3940.00350
4.0-3.5	(.157-.138)	3916.00400	4.0-3.5	(.157-.138)	3925.00400	4.0-3.5	(.157-.138)	3932.00400	4.0-3.5	(.157-.138)	3940.00400
4.5-4.0	(.177-.157)	3916.00450	4.5-4.0	(.177-.157)	3925.00450	4.5-4.0	(.177-.157)	3932.00450	4.5-4.0	(.177-.157)	3940.00450
5.0-4.5	(.197-.177)	3916.00500	5.0-4.5	(.197-.177)	3925.00500	5.0-4.5	(.197-.177)	3932.00500	5.0-4.5	(.197-.177)	3940.00500
5.5-5.0	(.217-.197)	3916.00550	5.5-5.0	(.217-.197)	3925.00550	5.5-5.0	(.217-.197)	3932.00550	5.5-5.0	(.217-.197)	3940.00550
6.0-5.5	(.236-.217)	3916.00600	6.0-5.5	(.236-.217)	3925.00600	6.0-5.5	(.236-.217)	3932.00600	6.0-5.5	(.236-.217)	3940.00600
6.5-6.0	(.256-.236)	3916.00650	6.5-6.0	(.256-.236)	3925.00650	6.5-6.0	(.256-.236)	3932.00650	6.5-6.0	(.256-.236)	3940.00650
7.0-6.5	(.276-.256)	3916.00700	7.0-6.5	(.276-.256)	3925.00700	7.0-6.5	(.276-.256)	3932.00700	7.0-6.5	(.276-.256)	3940.00700
7.5-7.0	(.295-.276)	3916.00750	7.5-7.0	(.295-.276)	3925.00750	7.5-7.0	(.295-.276)	3932.00750	7.5-7.0	(.295-.276)	3940.00750
8.0-7.5	(.315-.295)	3916.00800	8.0-7.5	(.315-.295)	3925.00800	8.0-7.5	(.315-.295)	3932.00800	8.0-7.5	(.315-.295)	3940.00800
8.5-8.0	(.335-.315)	3916.00850	8.5-8.0	(.335-.315)	3925.00850	8.5-8.0	(.335-.315)	3932.00850	8.5-8.0	(.335-.315)	3940.00850
9.0-8.5	(.354-.335)	3916.00900	9.0-8.5	(.354-.335)	3925.00900	9.0-8.5	(.354-.335)	3932.00900	9.0-8.5	(.354-.335)	3940.00900
9.5-9.0	(.374-.354)	3916.00950	9.5-9.0	(.374-.354)	3925.00950	9.5-9.0	(.374-.354)	3932.00950	9.5-9.0	(.374-.354)	3940.00950
10.0-9.5	(.394-.374)	3916.01000	10.0-9.5	(.394-.374)	3925.01000	10.0-9.5	(.394-.374)	3932.01000	10.0-9.5	(.394-.374)	3940.01000
			10.5-10.0	(.413-.394)	3925.01050	10.5-10.0	(.413-.394)	3932.01050	10.5-10.0	(.413-.394)	3940.01050
			11.0-10.5	(.433-.413)	3925.01100	11.0-10.5	(.433-.413)	3932.01100	11.0-10.5	(.433-.413)	3940.01100
			11.5-11.0	(.453-.433)	3925.01150	11.5-11.0	(.453-.433)	3932.01150	11.5-11.0	(.453-.433)	3940.01150
			12.0-11.5	(.472-.453)	3925.01200	12.0-11.5	(.472-.453)	3932.01200	12.0-11.5	(.472-.453)	3940.01200
			12.5-12.0	(.492-.472)	3925.01250	12.5-12.0	(.492-.472)	3932.01250	12.5-12.0	(.492-.472)	3940.01250
			13.0-12.5	(.512-.492)	3925.01300	13.0-12.5	(.512-.492)	3932.01300	13.0-12.5	(.512-.492)	3940.01300
			13.5-13.0	(.531-.512)	3925.01350	13.5-13.0	(.531-.512)	3932.01350	13.5-13.0	(.531-.512)	3940.01350
			14.0-13.5	(.551-.531)	3925.01400	14.0-13.5	(.551-.531)	3932.01400	14.0-13.5	(.551-.531)	3940.01400
			14.5-14.0	(.571-.551)	3925.01450	14.5-14.0	(.571-.551)	3932.01450	14.5-14.0	(.571-.551)	3940.01450
			15.0-14.5	(.591-.571)	3925.01500	15.0-14.5	(.591-.571)	3932.01500	15.0-14.5	(.591-.571)	3940.01500
			15.5-15.0	(.610-.591)	3925.01550	15.5-15.0	(.610-.591)	3932.01550	15.5-15.0	(.610-.591)	3940.01550
			16.0-15.5	(.630-.610)	3925.01600	16.0-15.5	(.630-.610)	3932.01600	16.0-15.5	(.630-.610)	3940.01600
						16.5-16.0	(.650-.630)	3932.01650	16.5-16.0	(.650-.630)	3940.01650
						17.0-16.5	(.669-.650)	3932.01700	17.0-16.5	(.669-.650)	3940.01700
						17.5-17.0	(.689-.669)	3932.01750	17.5-17.0	(.689-.669)	3940.01750
						18.0-17.5	(.709-.689)	3932.01800	18.0-17.5	(.709-.689)	3940.01800
						18.5-18.0	(.728-.709)	3932.01850	18.5-18.0	(.728-.709)	3940.01850
						19.0-18.5	(.748-.728)	3932.01900	19.0-18.5	(.748-.728)	3940.01900
						19.5-19.0	(.768-.748)	3932.01950	19.5-19.0	(.768-.748)	3940.01950
						20.0-19.5	(.787-.768)	3932.02000	20.0-19.5	(.787-.768)	3940.02000
									20.5-20.0	(.807-.787)	3940.02050
									21.0-20.5	(.827-.807)	3940.02100
									21.5-21.0	(.846-.827)	3940.02150
									22.0-21.5	(.866-.846)	3940.02200
									22.5-22.0	(.886-.866)	3940.02250
									23.0-22.5	(.906-.886)	3940.02300
									23.5-23.0	(.925-.906)	3940.02350
									24.0-23.5	(.945-.925)	3940.02400
									24.5-24.0	(.965-.945)	3940.02450
									25.0-24.5	(.984-.965)	3940.02500
									25.5-25.0	(1.004-.984)	3940.02550
									26.0-25.5	(1.024-1.004)	3940.02600

Size 20		
Range, mm (inch) dm_t		Ordering code
3.0-2.5	(.118-.098)	3920.00300
3.5-3.0	(.138-.118)	3920.00350
4.0-3.5	(.157-.138)	3920.00400
4.5-4.0	(.177-.157)	3920.00450
5.0-4.5	(.197-.177)	3920.00500
5.5-5.0	(.217-.197)	3920.00550
6.0-5.5	(.236-.217)	3920.00600
6.5-6.0	(.256-.236)	3920.00650
7.0-6.5	(.276-.256)	3920.00700
7.5-7.0	(.295-.276)	3920.00750
8.0-7.5	(.315-.295)	3920.00800
8.5-8.0	(.335-.315)	3920.00850
9.0-8.5	(.354-.335)	3920.00900
9.5-9.0	(.374-.354)	3920.00950
10.0-9.5	(.394-.374)	3920.01000
10.5-10.0	(.413-.394)	3920.01050
11.0-10.5	(433-.413)	3920.01100
11.5-11.0	(.453-.433)	3920.01150
12.0-11.5	(.472-.453)	3920.01200
12.5-12.0	(.492-.472)	3920.01250
13.0-12.5	(.512-.492)	3920.01300

0.5 mm (.020 inch) capacity per disc. Max 150 bar (2000 psi) coolant pressure.

Rubber collet for tap shanks



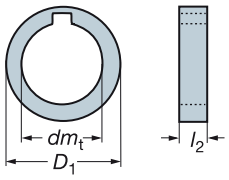
CZC_{MS}	CZC_{WS}	Ordering code	Dimensions, mm $DCON_{MS}$	$DCON_{WS}$	LF	BD_1
J42x	3.5-6.5 (J42x)	**391.60A-OZ J421**	23	6	0	23
	6.5-10 (J42x)	**391.60A-OZ J422**	23	10	0	23
J44x	7-13 (J44x)	**391.60A-OZ J440**	28	13	0	30
	2.8-7.0 (J44x)	**391.60A-OZ J443**	28	7	0	32
J46x	10-16 (J46x)	**391.60A-OZ J461**	44	16	0	44
	16-23 (J46x)	**391.60A-OZ J462**	44	23	0	44

ISO 13399

Q1

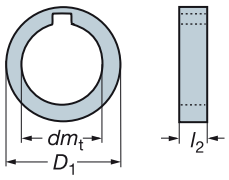
Spacing collars

For milling adaptor 391.10
ISO 839/2 1977



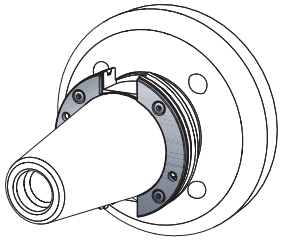
Ordering code	For adaptor	Dimensions, mm, inch											
		l_2	0.5 .020	1.0 .039	1.5 .059	2.0 .079	3.0 .118	4.0 .157	5.0 .197	6.0 .236	10.0 .394	20.0 .787	30.0 1.181
		dm_1	D_1	D_1	D_1	D_1	D_1	D_1	D_1	D_1	D_1	D_1	D_1
5549 091-011	391.10-16...	16	25	25	25	27	27	27	27	27	27	27	–
		.630	.984	.984	.984	1.024	1.024	1.024	1.024	1.024	1.024	1.024	–
5549 091-021	391.10-22...	22	33	33	33	34	34	34	34	34	34	34	34
		.866	1.299	1.299	1.299	1.339	1.339	1.339	1.339	1.339	1.339	1.339	1.339
5549 091-031	391.10-27...	27	39	39	39	40	40	40	40	40	40	40	40
		1.063	1.535	1.535	1.535	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575
5549 091-041	391.10-32...	32	45	45	45	46	46	46	46	46	46	46	46
		1.260	1.772	1.772	1.772	1.811	1.811	1.811	1.811	1.811	1.811	1.811	1.811
5549 091-051	391.10-40...	40	54	54	54	55	55	55	55	55	55	55	55
		1.575	2.126	2.126	2.126	2.165	2.165	2.165	2.165	2.165	2.165	2.165	2.165
5549 091-061	391.10-50...	50	67	67	–	68	68	68	68	68	68	68	68
		1.969	2.638	2.638	–	2.677	2.677	2.677	2.677	2.677	2.677	2.677	2.677
5549 091-071	391.10-60...	60	84	84	–	84	84	84	84	84	84	84	84
		2.362	3.307	3.307	–	3.307	3.307	3.307	3.307	3.307	3.307	3.307	3.307

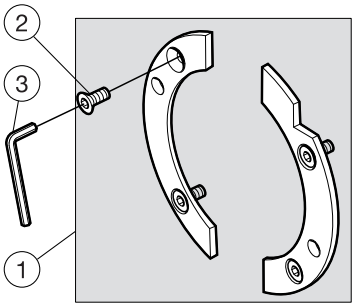
For milling adaptor A391.10



For adaptor	Dimensions, inch									
				l_2						
	dm_1	D_1	BKW	1/4	3/8	7/16	1/2	5/8	3/4	1	1 1/2
Cx-A391.10-25 xxx	1.000	1.500	1/4	-	-	SC40	SC40	SC41	-	-	-
Cx-A391.10-31 xxx	1.250	1.750	5/16	-	SC50	-	SC50	-	-	SC51	-
Cx-A391.10-38 xxx	1.500	2.125	3/8	SC60	SC60	-	SC60	-	-	SC61	-
Cx-A391.10-50 xxx	2.000	2.750	1/2	-	SC80	-	-	-	SC81	SC81	-
Cx-A391.10-63 xxx	2.500	3.250	5/8	SC90	SC90	-	-	-	SC91	SC91	SC92

Shim set

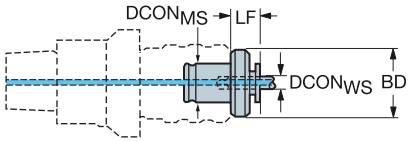




1	2	3
Shim set	Screw	Key
5549 128-50	3213 011-256	3021 010-025 (2.5)

Quick change adaptor





Metric version

CZC$_{MS}$	CZC$_{WS}$	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	CNSC	CXSC	CP Bar/PSI	Kg
1	3.15 x 2.24	393.03-SE1 D0315X022	19.0	3.2	7.0	1	1	80	0.10
			.748	*.124*	*.276*			*1160*	
	4.00 x 3.15	393.03-SE1 D040X031	19.0	4.0	7.0	1	1	80	0.10
			.748	*.157*	*.276*			*1160*	
	5.00 x 4.00	393.03-SE1 D050X040	19.0	5.0	7.0	1	1	80	0.10
			.748	*.197*	*.276*			*1160*	
	6.30 x 5.00	393.03-SE1 D063X050	19.0	6.3	7.0	1	1	80	0.10
			.748	*.248*	*.276*			*1160*	
	4.50 x 3.40	393.03-SE1 D045X034	19.0	4.5	7.0	1	1	80	0.10
			.748	*.177*	*.276*			*1160*	
	8.00 x 6.30	393.03-SE1 D080X063	19.0	8.0	7.0	1	1	80	0.10
			.748	*.315*	*.276*			*1160*	
	9.00 x 7.10	393.03-SE1 D090X071	19.0	9.0	7.0	1	1	80	0.10
			.748	*.354*	*.276*			*1160*	
	6.00 x 4.90	393.03-SE1 D060X049	19.0	6.0	7.0	1	1	80	0.10
			.748	*.236*	*.276*			*1160*	
	10.00 x 8.00	393.03-SE1 D100X080	19.0	10.0	7.0	1	1	80	0.10
			.748	*.394*	*.276*			*1160*	
	7.00 x 5.50	393.03-SE1 D070X055	19.0	7.0	7.0	1	1	80	0.10
			.748	*.276*	*.276*			*1160*	
	8.00 x 6.20	393.03-SE1 D080X062	19.0	8.0	7.0	1	1	80	0.10
			.748	*.315*	*.276*			*1160*	
	9.00 x 7.00	393.03-SE1 D090X070	19.0	9.0	7.0	1	1	80	0.10
			.748	*.354*	*.276*			*1160*	
2	6.30 x 5.00	393.03-SE2 D063X050	31.0	6.3	11.0	1	1	80	0.10
			1.220	*.248*	*.433*			*1160*	
	8.00 x 6.30	393.03-SE2 D080X063	31.0	8.0	11.0	1	1	80	0.30
			1.220	*.315*	*.433*			*1160*	
	9.00 x 7.10	393.03-SE2 D090X071	31.0	9.0	11.0	1	1	80	0.30
			1.220	*.354*	*.433*			*1160*	
	6.00 x 4.90	393.03-SE2 D060X049	31.0	6.0	11.0	1	1	80	0.10
			1.220	*.236*	*.433*			*1160*	
	10.00 x 8.00	393.03-SE2 D100X080	31.0	10.0	11.0	1	1	80	0.30
			1.220	*.394*	*.433*			*1160*	
	7.00 x 5.50	393.03-SE2 D070X055	31.0	7.0	11.0	1	1	80	0.30
			1.220	*.276*	*.433*			*1160*	
	11.20 x 9.00	393.03-SE2 D112X090	31.0	11.2	11.0	1	1	80	0.30
			1.220	*.441*	*.433*			*1160*	
	8.00 x 6.20	393.03-SE2 D080X062	31.0	8.0	11.0	1	1	80	0.30
			1.220	*.315*	*.433*			*1160*	
	12.50 x 10.00	393.03-SE2 D125X100	31.0	12.5	11.0	1	1	80	0.30
			1.220	*.492*	*.433*			*1160*	
	9.00 x 7.00	393.03-SE2 D090X070	31.0	9.0	11.0	1	1	80	0.30
			1.220	*.354*	*.433*			*1160*	
	14.00 x 11.20	393.03-SE2 D140X112	31.0	14.0	11.0	1	1	80	0.30
			1.220	*.551*	*.433*			*1160*	
	11.00 x 9.00	393.03-SE2 D110X090	31.0	11.0	11.0	1	1	80	0.30
			1.220	*.433*	*.433*			*1160*	
	12.00 x 9.00	393.03-SE2 D120X090	31.0	12.0	11.0	1	1	80	0.30
			1.220	*.472*	*.433*			*1160*	
	14.00 x 11.00	393.03-SE2 D140X110	31.0	14.0	11.0	1	1	80	0.30
			1.220	*.551*	*.433*			*1160*	
	16.00 x 12.00	393.03-SE2 D160X120	31.0	16.0	11.0	1	1	80	0.30
			1.220	*.630*	*.433*			*1160*	

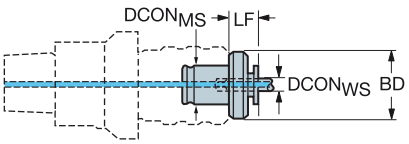
ISO 13399 Q1

CNSC CXSC Q35

SANDVIK Coromant

Quick change adaptor





Inch version

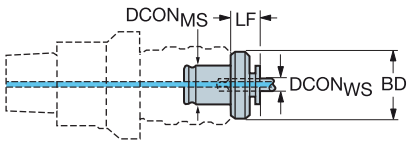
CZC$_{MS}$	CZC$_{WS}$	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	BD$_1$	CNSC	CXSC	CP Bar/PSI	Kg
1	.141 x .110	393.03-SE1 D036X027	19.0	3.6	7.0	30.0	1	1	80	0.10
			.748	*.141*	*.276*	*1.181*			*1160*	
	.168 x .131	393.03-SE1 D042X033	19.0	4.3	7.0	30.0	1	1	80	0.10
			.748	*.168*	*.276*	*1.181*			*1160*	
	.194 x .152	393.03-SE1 D049X038	19.0	4.9	7.0	30.0	1	1	80	0.10
			.748	*.194*	*.276*	*1.181*			*1160*	
	.220 x .165	393.03-SE1 D055X041	19.0	5.6	7.0	30.0	1	1	80	0.10
			.748	*.220*	*.276*	*1.181*			*1160*	
	.255 x .191	393.03-SE1 D064X048	19.0	6.5	7.0	30.0	1	1	80	0.10
			.748	*.255*	*.276*	*1.181*			*1160*	
	.313 x .234	393.03-SE1 D079X059	19.0	8.0	7.0	30.0	1	1	80	0.10
			.748	*.313*	*.276*	*1.181*			*1160*	
	.318 x .238	393.03-SE1 D080X060	19.0	8.1	7.0	30.0	1	1	80	0.10
			.748	*.318*	*.276*	*1.181*			*1160*	
	.323 x .242	393.03-SE1 D082X061	19.0	8.2	7.0	30.0	1	1	80	0.10
			.748	*.323*	*.276*	*1.181*			*1160*	
	.367 x .275	393.03-SE1 D093X069	19.0	9.3	7.0	30.0	1	1	80	0.10
			.748	*.367*	*.276*	*1.181*			*1160*	
	.381 x .286	393.03-SE1 D096X072	19.0	9.7	7.0	30.0	1	1	80	0.10
			.748	*.381*	*.276*	*1.181*			*1160*	
	.429 x .322	393.03-SE1 D109X082	19.0	10.9	7.0	30.0	1	1	80	0.10
			.748	*.429*	*.276*	*1.181*			*1160*	
	.437 x .328	393.03-SE1 D111X083	19.0	11.1	7.0	30.0	1	1	80	0.10
			.748	*.437*	*.276*	*1.181*			*1160*	
2	.255 x .191	393.03-SE2 D064X048	31.0	6.5	11.0	48.0	1	1	80	0.20
			1.220	*.255*	*.433*	*1.890*			*1160*	
	.318 x .238	393.03-SE2 D080X060	31.0	8.1	11.0	48.0	1	1	80	0.20
			1.220	*.318*	*.433*	*1.890*			*1160*	
	.323 x .242	393.03-SE2 D082X061	31.0	8.2	11.0	48.0	1	1	80	0.20
			1.220	*.323*	*.433*	*1.890*			*1160*	
	.367 x .275	393.03-SE2 D093X069	31.0	9.3	11.0	48.0	1	1	80	0.20
			1.220	*.367*	*.433*	*1.890*			*1160*	
	.381 x .286	393.03-SE2 D096X072	31.0	9.7	11.0	48.0	1	1	80	0.20
			1.220	*.381*	*.433*	*1.890*			*1160*	
	.429 x .322	393.03-SE2 D109X082	31.0	10.9	11.0	48.0	1	1	80	0.20
			1.220	*.429*	*.433*	*1.890*			*1160*	
	.437 x .328	393.03-SE2 D111X083	31.0	11.1	11.0	48.0	1	1	80	0.20
			1.220	*.437*	*.433*	*1.890*			*1160*	
	.480 x .360	393.03-SE2 D121X091	31.0	12.2	11.0	48.0	1	1	80	0.20
			1.220	*.480*	*.433*	*1.890*			*1160*	
	.562 x .421	393.03-SE2 D143X107	31.0	14.3	11.0	48.0	1	1	80	0.20
			1.220	*.562*	*.433*	*1.890*			*1160*	
	.590 x .442	393.03-SE2 D149X112	31.0	15.0	11.0	48.0	1	1	80	0.20
			1.220	*.590*	*.433*	*1.890*			*1160*	
	.687 x .515	393.03-SE2 D175X131	31.0	17.4	11.0	48.0	1	1	80	0.20
			1.220	*.687*	*.433*	*1.890*			*1160*	
	.697 x .523	393.03-SE2 D177X132	31.0	17.7	11.0	48.0	1	1	80	0.20
			1.220	*.697*	*.433*	*1.890*			*1160*	
	.700 x .531	393.03-SE2 D178X135	31.0	17.8	11.0	48.0	1	1	80	0.20
			1.220	*.700*	*.433*	*1.890*			*1160*	

ISO 13399 Q1

CNSC CXSC Q35

Quick change adaptor





Inch version

CZC$_{MS}$	CZC$_{WS}$	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	BD$_1$	CNSC	CXSC	CP Bar/PSI	Kg
3	.590 x .442	393.03-SE3 D149X112	48.0	15.0	14.0	70.0	1	1	80	0.80
			1.890	*.590*	*.551*	*2.756*			*1160*	
	.687 x .515	393.03-SE3 D175X131	48.0	17.4	14.0	70.0	1	1	80	0.80
			1.890	*.687*	*.551*	*2.756*			*1160*	
	.697 x .523	393.03-SE3 D177X132	48.0	17.7	14.0	70.0	1	1	80	0.80
			1.890	*.697*	*.551*	*2.756*			*1160*	
	.700 x .531	393.03-SE3 D178X135	48.0	17.8	14.0	70.0	1	1	80	0.80
			1.890	*.700*	*.551*	*2.756*			*1160*	
	.800 x .600	393.03-SE3 D203X152	48.0	20.3	14.0	70.0	1	1	80	0.80
			1.890	*.800*	*.551*	*2.756*			*1160*	
	.906 x .679	393.03-SE3 D230X172	48.0	23.0	14.0	70.0	1	1	80	0.80
			1.890	*.906*	*.551*	*2.756*			*1160*	
	1.125 x .843	393.03-SE3 D286X214	48.0	28.6	14.0	70.0	1	1	80	0.80
			1.890	*1.125*	*.551*	*2.756*			*1160*	

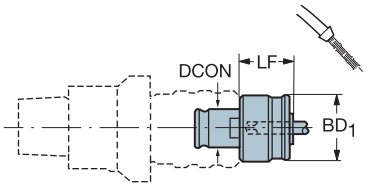
ISO 13399 Q1
CNSC CXSC Q35

SANDVIK Coromant

Quick change adaptor

with friction clutch and for external / internal coolant supply





			Dimensions, mm, inch							
CZC_{MS}	CZC_{WS}	**Ordering code**	$DCON_{MS}$	$DCON_{WS}$	LF	CNSC	CXSC	CP Bar	CP PSI	Kg
1	3.15 x 2.50	**393.03-SES1 D031X025**	19.00	3.15	25.0	1	1	80		0.2
			.748	*.124*	*.984*				*1160*	
	4.00 x 3.15	**393.03-SES1 D040X031**	19.00	4.00	25.0	1	1	80		0.2
			.748	*.157*	*.984*				*1160*	
	4.50 x 3.55	**393.03-SES1 D045X035**	19.00	4.50	25.0	1	1	80		0.2
			.748	*.177*	*.984*				*1160*	
	5.00 x 4.00	**393.03-SES1 D050X040**	19.00	5.00	25.0	1	1	80		0.2
			.748	*.197*	*.984*				*1160*	
	3.50 x 2.70	**393.03-SES1 D035X027**	19.00	3.50	25.0	1	1	80		0.2
			.748	*.138*	*.984*				*1160*	
	6.30 x 5.00	**393.03-SES1 D063X050**	19.00	6.30	25.0	1	1	80		0.2
			.748	*.248*	*.984*				*1160*	
	4.00 x 3.00	**393.03-SES1 D040X030**	19.00	4.00	25.0	1	1	80		0.2
			.748	*.157*	*.984*				*1160*	
	4.50 x 3.40	**393.03-SES1 D045X034**	19.00	4.50	25.0	1	1	80		0.2
			.748	*.177*	*.984*				*1160*	
	8.00 x 6.30	**393.03-SES1 D080X063**	19.00	8.00	25.0	1	1	80		0.2
			.748	*.315*	*.984*				*1160*	
	9.00 x 7.10	**393.03-SES1 D090X071**	19.00	9.00	25.0	1	1	80		0.2
			.748	*.354*	*.984*				*1160*	
	6.00 x 4.90	**393.03-SES1 D060X049**	19.00	6.00	25.0	1	1	80		0.2
			.748	*.236*	*.984*				*1160*	
	10.00 x 8.00	**393.03-SES1 D100X080**	19.00	10.00	25.0	1	1	80		0.2
			.748	*.394*	*.984*				*1160*	
	7.00 x 5.50	**393.03-SES1 D070X055**	19.00	7.00	25.0	1	1	80		0.2
			.748	*.276*	*.984*				*1160*	
	8.00 x 6.20	**393.03-SES1 D080X062**	19.00	8.00	25.0	1	1	80		0.2
			.748	*.315*	*.984*				*1160*	
	9.00 x 7.00	**393.03-SES1 D090X070**	19.00	9.00	25.0	1	1	80		0.2
			.748	*.354*	*.984*				*1160*	
2	8.00 x 6.30	**393.03-SES2 D080X063**	31.00	8.00	34.0	1	1	80		0.6
			1.220	*.315*	*1.339*				*1160*	
	9.00 x 7.10	**393.03-SES2 D090X071**	31.00	9.00	34.0	1	1	80		0.6
			1.220	*.354*	*1.339*				*1160*	
	6.00 x 4.90	**393.03-SES2 D060X049**	31.00	6.00	34.0	1	1	80		0.6
			1.220	*.236*	*1.339*				*1160*	
	10.00 x 8.00	**393.03-SES2 D100X080**	31.00	10.00	34.0	1	1	80		0.6
			1.220	*.394*	*1.339*				*1160*	
	7.00 x 5.50	**393.03-SES2 D070X055**	31.00	7.00	34.0	1	1	80		0.6
			1.220	*.276*	*1.339*				*1160*	
	11.20 x 9.00	**393.03-SES2 D112X090**	31.00	11.20	34.0	1	1	80		0.6
			1.220	*.441*	*1.339*				*1160*	
	8.00 x 6.20	**393.03-SES2 D080X062**	31.00	8.00	34.0	1	1	80		0.6
			1.220	*.315*	*1.339*				*1160*	
	12.50 x 10.00	**393.03-SES2 D125X100**	31.00	12.50	34.0	1	1	80		0.6
			1.220	*.492*	*1.339*				*1160*	
	9.00 x 7.00	**393.03-SES2 D090X070**	31.00	9.00	34.0	1	1	80		0.6
			1.220	*.354*	*1.339*				*1160*	
	14.00 x 11.20	**393.03-SES2 D140X112**	31.00	14.00	34.0	1	1	80		0.6
			1.220	*.551*	*1.339*				*1160*	
	11.00 x 9.00	**393.03-SES2 D110X090**	31.00	11.00	34.0	1	1	80		0.6
			1.220	*.433*	*1.339*				*1160*	

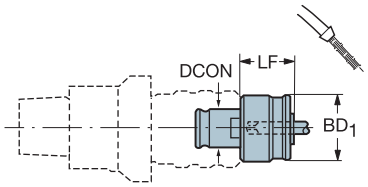
ISO 13399 Q1

CNSC CXSC Q35

Quick change adaptor

with friction clutch and for external / internal coolant supply





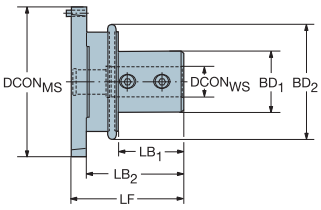
CZC_{MS}	CZC_{WS}	Ordering code	Dimensions, mm, inch $DCON_{MS}$	$DCON_{WS}$	LF	CNSC	CXSC	CP Bar	CP PSI	Kg
2	12.00 x 9.00	393.03-SES2 D120X090	31.00	12.00	34.0	1	1	80		0.6
			1.220	*.472*	*1.339*				*1160*	
	14.00 x 11.00	393.03-SES2 D140X110	31.00	14.00	34.0	1	1	80		0.6
			1.220	*.551*	*1.339*				*1160*	
	16.00 x 12.00	393.03-SES2 D160X120	31.00	16.00	34.0	1	1	80		0.6
			1.220	*.630*	*1.339*				*1160*	
3	11.20 x 9.00	393.03-SES3 D112X090	48.00	11.20	45.0	1	1	80		1.7
			1.890	*.441*	*1.772*				*1160*	
	14.00 x 11.20	393.03-SES3 D140X112	48.00	14.00	45.0	1	1	80		1.7
			1.890	*.551*	*1.772*				*1160*	
	16.00 x 12.50	393.03-SES3 D160X125	48.00	16.00	45.0	1	1	80		1.7
			1.890	*.630*	*1.772*				*1160*	
	11.00 x 9.00	393.03-SES3 D110X090	48.00	11.00	45.0	1	1	80		1.7
			1.890	*.433*	*1.772*				*1160*	
	18.00 x 14.00	393.03-SES3 D180X140	48.00	18.00	45.0	1	1	80		1.7
			1.890	*.709*	*1.772*				*1160*	
	12.00 x 9.00	393.03-SES3 D120X090	48.00	12.00	45.0	1	1	80		1.7
			1.890	*.472*	*1.772*				*1160*	
	20.00 x 16.00	393.03-SES3 D200X160	48.00	20.00	45.0	1	1	80		1.7
			1.890	*.787*	*1.772*				*1160*	
	14.00 x 11.00	393.03-SES3 D140X110	48.00	14.00	45.0	1	1	80		1.7
			1.890	*.551*	*1.772*				*1160*	
	16.00 x 12.00	393.03-SES3 D160X120	48.00	16.00	45.0	1	1	80		1.7
			1.890	*.630*	*1.772*				*1160*	
	25.00 x 20.00	393.03-SES3 D250X200	48.00	25.00	45.0	1	1	80		1.7
			1.890	*.984*	*1.772*				*1160*	
	18.00 x 14.50	393.03-SES3 D180X145	48.00	18.00	45.0	1	1	80		1.7
			1.890	*.709*	*1.772*				*1160*	
	22.00 x 18.00	393.03-SES3 D220X180	48.00	22.00	45.0	1	1	80		1.7
			1.890	*.866*	*1.772*				*1160*	

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Slide to adjustable drill adaptor





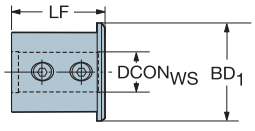
Metric bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	LB$_2$	LB$_3$	BD$_1$	BD$_2$	BD$_3$	BHTA$_1$	BHTA$_2$	Kg	BBD
01	20	1	**393.277-20 01 075A**	78	20.0	75.0	44.0	65.0	75.0	40.0	55.2	78	0°	0°	0.80	0
				3.071	*.787*	*2.953*	*1.732*	*2.559*	*2.953*	*1.575*	*2.173*	*3.071*				
	25	1	**393.277-25 01 080A**	78	25.0	80.0	50.0	70.0	80.0	45.0	55.2	78	0°	0°	0.80	0
				3.071	*.984*	*3.150*	*1.969*	*2.756*	*3.150*	*1.772*	*2.173*	*3.071*				
02	20	1	**393.277-20 02 075A**	98	20.0	75.0	44.0	65.0	75.0	40.0	75.2	98	0°	0°	1.02	0
				3.858	*.787*	*2.953*	*1.732*	*2.559*	*2.953*	*1.575*	*2.961*	*3.858*				
	25	1	**393.277-25 02 085A**	98	25.0	85.0	54.0	75.0	85.0	45.0	75.2	98	0°	0°	1.25	0
				3.858	*.984*	*3.346*	*2.126*	*2.953*	*3.346*	*1.772*	*2.961*	*3.858*				
	32	1	**393.277-32 02 085A**	98	32.0	85.0	54.0	75.0	85.0	52.0	75.2	98	0°	0°	1.52	0
				3.858	*1.260*	*3.346*	*2.126*	*2.953*	*3.346*	*2.047*	*2.961*	*3.858*				
03	40	1	**393.277-40 03 090A**	136	40.0	90.0	65.0	90.0		65.0	136.0		0°	0°	4.50	0
				5.354	*1.575*	*3.543*	*2.559*	*3.543*		*2.559*	*5.354*					
	50	1	**393.277-50 03 100A**	136	50.0	100.0	75.0	110.0		75.0	163.0		0°	0°	4.50	0
				5.354	*1.969*	*3.937*	*2.953*	*4.331*		*2.953*	*6.417*					

Inch bore

CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LF	LB$_1$	BD$_1$	CP Bar	CP PSI	Kg	BBD
01	3/4	1		**A393.277-75 01 075A**	78	19.1	75.0	75.0	78.0			1.30	0
					3.071	*.750*	*2.953*	*2.953*	*3.071*				
	1	1	1	**A393.277-100 01 080A**	78	25.4	80.0	49.0	45.0	20		1.60	0
					3.071	*1.000*	*3.150*	*1.929*	*1.772*		*290*		
02	3/4	1	1	**A393.277-75 02 075A**	98	19.1	75.0	44.0	40.0	20		2.20	0
					3.858	*.750*	*2.953*	*1.732*	*1.575*		*290*		
	1	1		**A393.277-100 02 085A**	98	25.4	84.9	85.0	98.0			2.20	0
					3.858	*1.000*	*3.346*	*3.346*	*3.858*				
	1 1/4	1		**A393.277-125 02 085A**	98	31.8	84.9	85.0	98.0			2.20	0
					3.858	*1.250*	*3.346*	*3.346*	*3.858*				

Sleeve



CZC$_{MS}$	CZC$_{WS}$	CNSC	CXSC	Ordering code	Dimensions, mm, inch DCON$_{MS}$	DCON$_{WS}$	LSC	LF	LB$_1$	BD$_1$	CP Bar/PSI	Kg
40	32	1	1	**393.277-40 32 074A**	40.0	32.0	70	4.0	4.0	48.0	80	0.80
					1.575	*1.260*	*2.756*	*.157*	*.157*	*1.890*	*1160*	

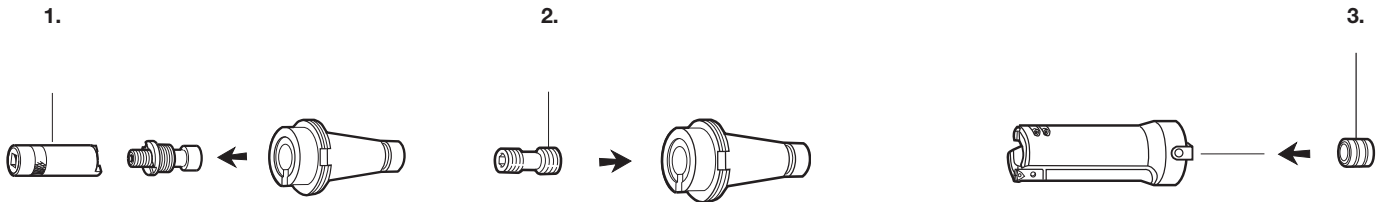
ISO 13399 Q1

CNSC CXSC Q35

VL

Accessories

Trepanning tool

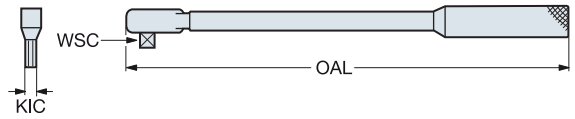


1. Ordering code Key	2. Ordering code Screw	3. Ordering code Centering sleeve
5680 065-02	5516 030-01	5638 030-01

Assembly tools

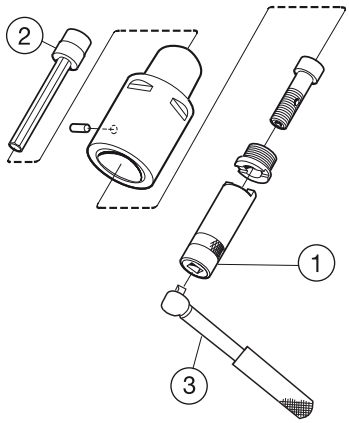
Coromant Capto®

Torque wrench for manual clamping units, Quick change



	Torque wrench	Dimensions, mm, inch			**Key adaptor**	
Coupling size	**Ordering code**	Torque range, Nm, ft-lbs	WSC	OAL	**Ordering code**	KIC
C3	**C-TK-01**	20-100	1/2"	345	**5680 035-14**	8
		15-74		*13.583*		*.315*
C4	**C-TK-01**	20-100	1/2"	345	**5680 035-06**	10
		15-74		*13.583*		*.394*
C5	**C-TK-01**	20-100	1/2"	345	**5680 035-07**	12
		15-74		*13.583*		*.472*
C6	**C-TK-01**	20-100	1/2"	345	**5680 035-07**	12
		15-74		*13.583*		*.472*
C8	**C-TK-02**	40-200	1/2"	440	**5680 035-07**	12
		30-148		*17.323*		*.472*
C10	**C-TK-03**	60-300	1/2"	548	**5680 035-10**	17
		44-220		*21.575*		*.669*

Torque wrench for modular assemblies, centre bolt clamping



Centre bolt clamping

CZC	Torque Nm	ft-lbs
C3	45	33
C4	55	40
C5	95	70
C6	170	125
C8	170	125
C10	380	277

	3. Torque wrench	Dimensions, mm, inch			**2. Extension key**		**1. Retaining nut spanner**
Coupling size	**Ordering code**	Torque range, Nm, ft-lbs	WSC	OAL	**Ordering code**	KIC	**Ordering code**
C3	**C-TK-02**	40-200	1/2"	345	**5680 015-05**	8	**5680 065-13**
		30-148		13.583		.315	
C4	**C-TK-02**	40-200	1/2"	345	**5680 015-05**	8	**5680 065-10**
		30-148		13.583		.315	
C5	**C-TK-02**	40-200	1/2"	345	**5680 015-01**	10	**5680 065-11**
		30-148		13.583		.394	
C6	**C-TK-02**	40-200	1/2"	345	**5680 015-02**	14	**5680 065-12**
		30-148		13.583		.551	
C8	**C-TK-02**	40-200	1/2"	440	**5680 015-02**	14	**5680 065-12**
		30-148		17.323		.551	
C10	**C-TK-04**	80-400	3/4"	683	**5680 015-06**	17	**5680 065-14**
		60-295		26.890		.669	

To be calibrated according to ISO 6789, accuracy within 4%

ER torque wrench set





ER-TW-SET

CZC	**Ordering code**	Kit consist of: Torque wrench	Collar
ER11	**ER-TW-SET**	ER-TW	ER11-COLLAR
ER16			ER16-COLLAR
ER20			ER20-COLLAR
ER25			ER25-COLLAR
ER32			ER32-COLLAR

Bolt clip ER-TW-CLIP available as spare part.

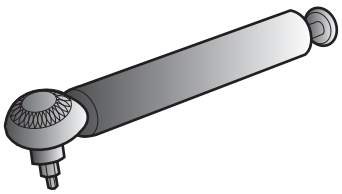
ER torque wrench set consisting of a ER torque wrench and exchangeable ER collar sizes ER11 to ER32. Complete set with torque wrench and all 5 collars comes in a practical suitcase.

Key for integrated collet

CZC	**Ordering code**	
ER11	**5680 091-03**	
ER16	**5680 096-06**	
ER20	**5680 096-01**	
ER25	**5680 096-02**	
ER32	**5680 096-03**	

CoroChuck™ 930

Torque wrench



Ordering code
5680 099-01

Torx Plus® torque wrench

Correct torque when mounting of inserts in milling cutters is a prerequisite for a well functioning tool. Together with the Torx Plus screws the new wrench is a guarantee for improved and secure insert clamping.

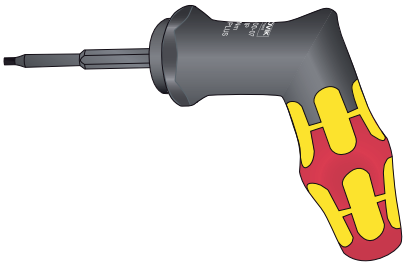
The wrenches, available in several sizes and tested to withstand 10 000 insert tightenings, are each calibrated for the torque needed for correct insert clamping of Sandvik Coromant milling cutters.

A torque wrench is always recommended for cutters with Torx plus screw. The new wrench must be ordered separately, except for CoroMill® Century, CoroMill® 790 and CoroMill® 390 long edge milling cutters, see spare parts tables.

Note! Torx Plus is a registered trademark of Camcar Textron (USA).

Note!
We want to point out to all our customers that the new Torx Plus keys and screw-drivers do NOT fit into the standard Torx screws.

However, the standard Torx keys and screwdrivers will fit the new Torx Plus screws.



5680 100-07 (20IP) and 5680 100-08 (25IP)

Torx Plus® torque wrench

New torque wrench	Size	Torque in-lbs	Torque Nm	Old torque wrench
5680 100-01	6IP	4	0.6	5680 086-01
5680 100-02	7IP	8	0.9	5680 086-02
5680 100-03	8IP	10	1.2	5680 086-03
5680 100-04	9IP	12	1.4	5680 086-04
5680 100-05	10IP	18	2.0	5680 086-05
5680 100-06	15IP	26	3.0	5680 086-06
5680 100-07	20IP	44	5.0	-
5680 100-08	25IP	66	7.5	-

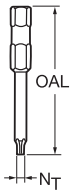
Torx Plus® torque wrench with bits

5680 105-01
5680 105-02
5680 105-03
5680 105-04



5680 105-05
5680 105-06
5680 105-07
5680 105-08



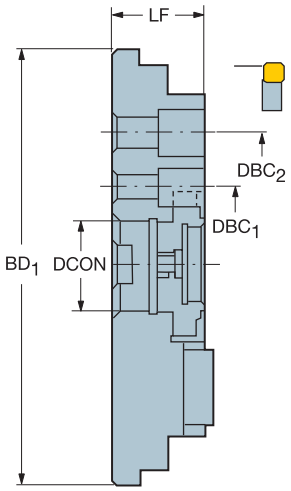


Torque wrench	Torque range Nm	In-lbs	Handle
5680 105-01	0.3 - 1.2		Straight
5680 105-02	1.2 - 3.0		Straight
5680 105-05	3.0 - 6.0		Angled
5680 105-06	4.0 - 8.8		Angled
5680 105-03		2.5 - 11.5	Straight
5680 105-04		11.0 - 26.0	Straight
5680 105-07		26.0 - 55.0	Angled
5680 105-08		35.4 - 78.0	Angled

Bit	OAL mm	OAL Inch	N_T Torx Plus
5680 084-01	50	1.969	8IP
5680 084-02	50	1.969	15IP
5680 084-03	89	3.504	15IP
5680 084-04	50	1.969	7IP
5680 084-05	50	1.969	9IP
5680 084-06	50	1.969	10IP
5680 084-07	50	1.969	20IP
5680 084-08	89	3.504	20IP
5680 084-09	89	3.504	25IP
5680 084-10	89	3.504	30IP
5680 084-11	50	1.969	6IP
5680 084-12	80	3.150	27IP
5680 084-13	35	1.378	50IP

Support body





Metric version

CZC$_{MS}$	CZC$_{WS}$	DSGN	Ordering code	Dimensions, mm DCON$_{MS}$	LF	BD$_1$	DBC1	DBC2	Kg
60	250	5	**260-425M-1**	60	80	163.0			12.6
	315	5	**260-431M-1**	60	80	228.0	101	177	4.0
	355	5	**260-435M-1**	60	80	268.0	101	177	4.0
	400	5	**260-440M-1**	60	80	313.0	101	177	40.0
	500	5	**260-450M-1**	60	80	410.0	101	177	4.0

Inch version

CZC$_{MS}$	CZC$_{WS}$	DSGN	Ordering code	Dimensions, inch DCON$_{MS}$	LF	BD$_1$	DBC1	DBC2	Lbs
2 1/2	250	1	**A260-425M-1**	2.500	2.375	8.740			4.7
	315	1	**A260-431M-1**	2.500	2.375	11.299	4	7	21.5
	355	1	**A260-435M-1**	2.500	2.375	12.874	4	7	21.5
	400	1	**A260-440M-1**	2.500	2.375	14.646	4	7	21.6
	500	1	**A260-450M-1**	2.500	2.375	18.583	4	7	21.8

ISO 13399 Q1