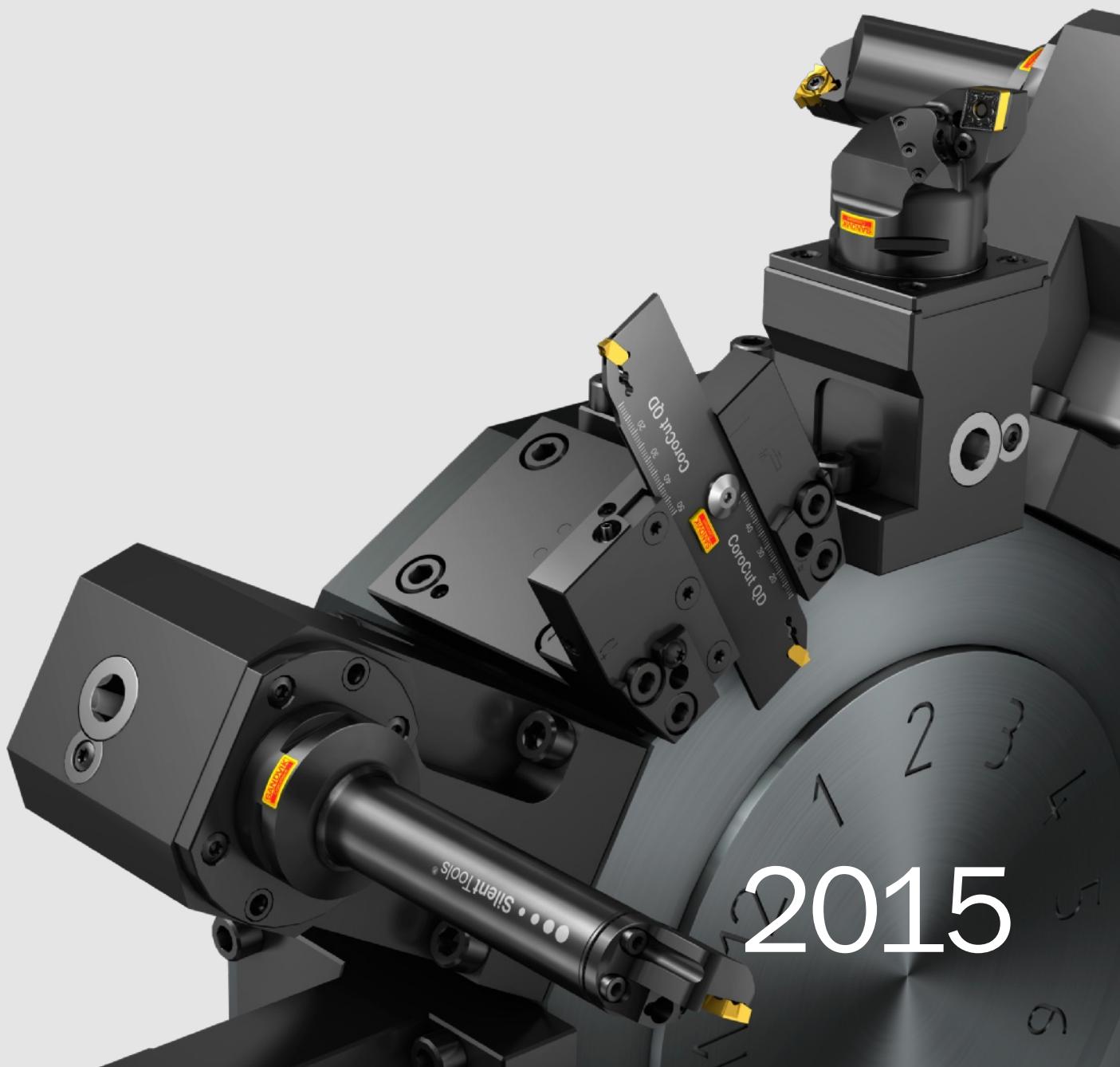


CUTTING TOOLS FROM SANDVIK COROMANT

SANDVIK
Coromant

Turning tools

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



2015

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

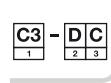
Symbols for page references:



Explanation of ISO 13399
parameters



Coolant supply information

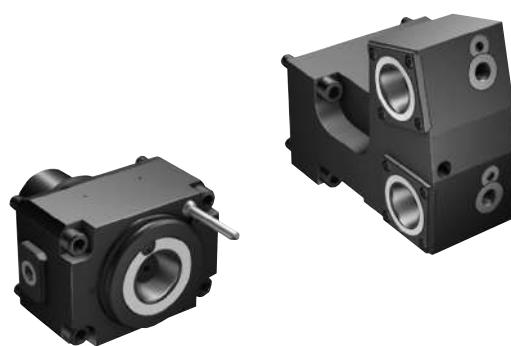


Code key

Machine adapted clamping units

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

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



The screenshot shows a product page for 'Machine adapted clamping units'. The main heading is 'Machine adapted clamping units — MACU'. Below it, there's a brief description: 'The new clamping units and driven tool holders are designed to fit specific machine interfaces. The clamping units are designed for quick changeover times.' There are also sections for 'Applications' (Turning centres and multi-task machines) and 'Tool holder programme' (with a link to 'Start page for machine adapted clamping units'). The left sidebar lists various product categories like CTC, Drills, MACU, etc. At the bottom, there are social media icons and a QR code.

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 (20strn), 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 (16strn)	NA55A
Nakamura	WT-300, Super NTX, TW-20 (12strn), SC-300	NA65A
Nakamura	TW-30, SC-450, STW-40	NA75A
Okuma	LT 2000 EX, M, MY (16 strn)	OK55A
Okuma	LB2000, 2500, 3000 EX	OK60A
Okuma	LB4000 EX	OK60B
Okuma	LT3000 EX, M, MY	OK60C

B

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

C

D

E

F

G

H

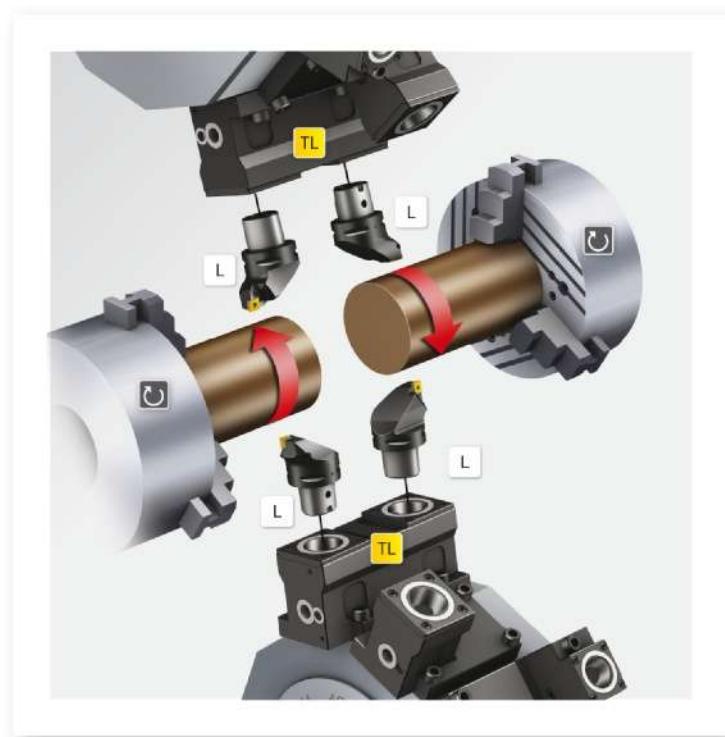
I

How to choose clamping unit

Internal setup



External setup



B

Internal setup

C

D

E

F

G

H

I

External setup

- R Right hand cutting unit
- L Left hand cutting unit
- TR Right hand clamping unit
- TL Left hand clamping unit
- C Clockwise spindle rotation (M04)
- CC 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	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
Article code					
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	Slant turn 50, 450 metric	Slant turn 60, 80 metric	Slant turn 50, 450 inch	Slant turn 60 inch
Article code					
SBB-60-MZ-ST50	x				
SBB-60-MZ-ST60		x			
A-SBB-25-MZ-ST50				x	
A-SBB-25-MZ-ST60					x

A TOOL HOLDING

How to choose your tool holder

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

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

E CBI	Machine model	MS60A turret interface			
		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	x
C5-TR/LE-MS60A	x	x	x	x	x
C4-TR/LE-MS60A-DT	x	x	x	x	
C5-TR/LE-MS60A-DT	x	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	x
C4-DNE-MS60A-I	x	x	x	x	x
C5-DNE-MS60A-E	x	x	x	x	x
C4-DNI-MS60A-E	x	x	x	x	x
C4-DNI-MS60A-I	x	x	x	x	x
C5-DNI-MS60A-E	x	x	x	x	x
C5-DNI-MS60A-I	x	x	x	x	x
APB-TNE-MS60A-25	x	x	x	x	x

G CBI	Machine model	MS75A turret interface			
		NZX 4000			
Article code					
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				

H CBI	Machine model	MS110A turret interface			
		NZX 6000			
Article code					
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	x
C4-DNI-BT65A-I	x	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	
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	
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	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
Article code						
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	Hyundai Wia L400 MA/MC/ LMC	Hyundai Wia LV800RM / SKT-V80RM	Hyundai Wia SKT400M	
Article code					
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	Hyundai Wia L600, 700 M/ LM	Hyundai Wia SKT600, 700 LM		
Article code					
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
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	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
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

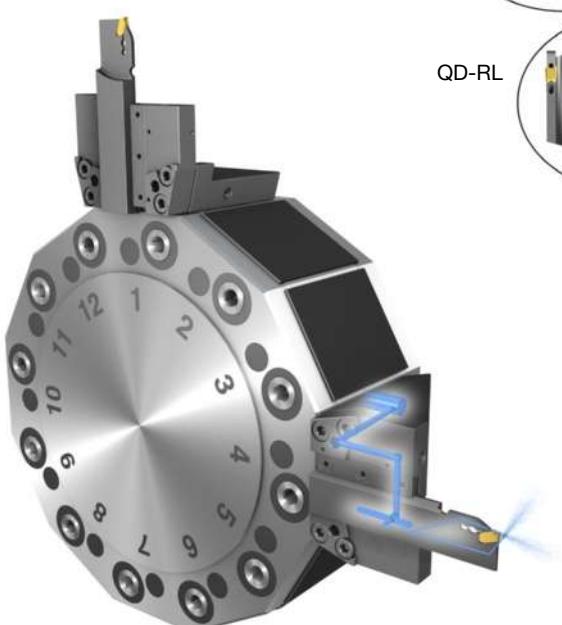
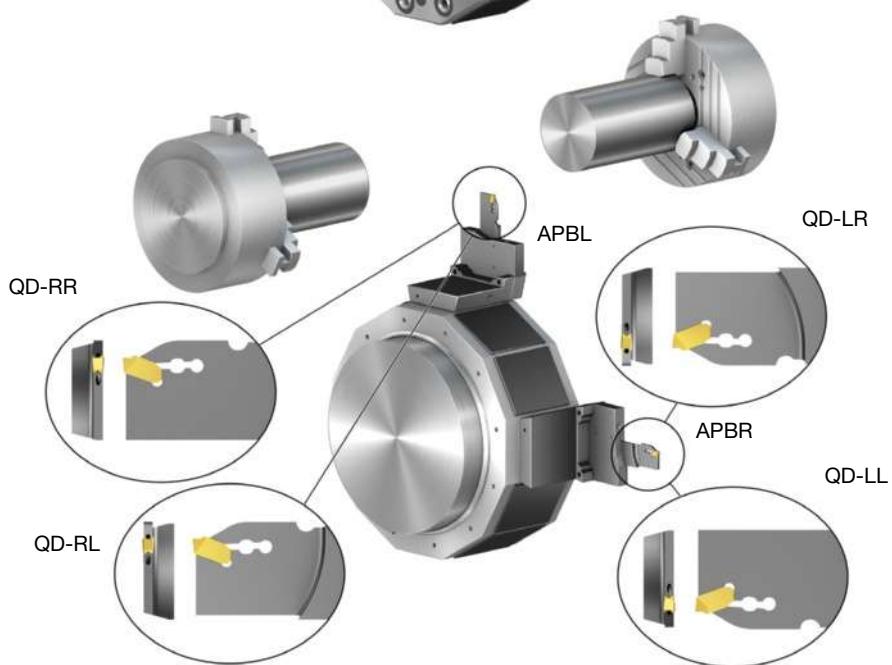
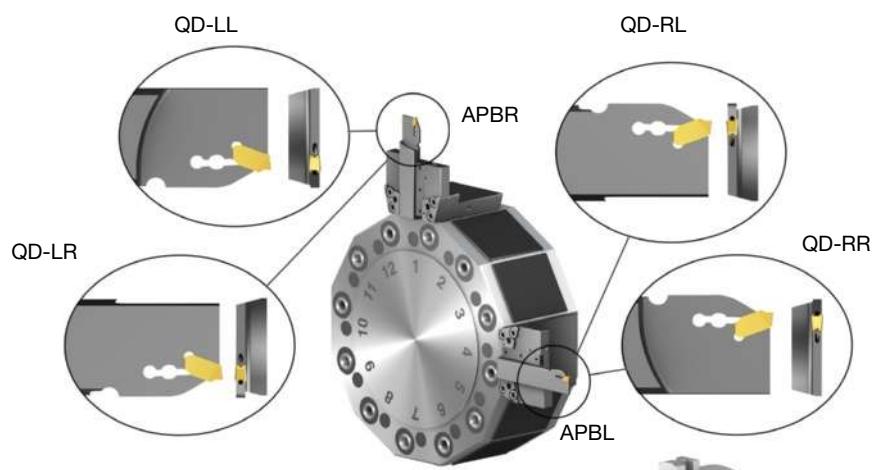
How to choose the right tool

Tool in hand

Axial
VDI
Blade

How to choose the right tool

Right hand or Left hand
Tools and adaptors



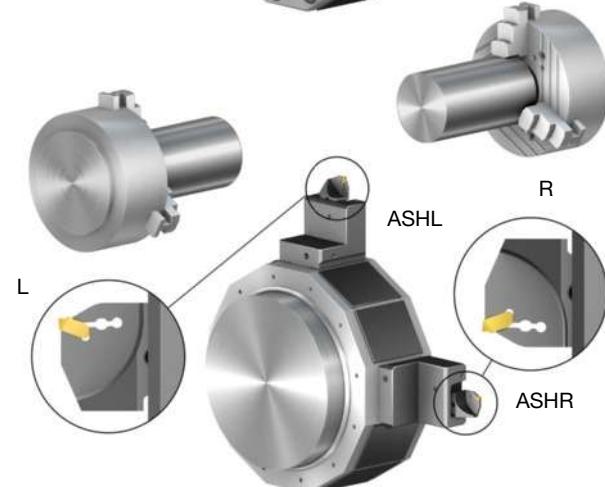
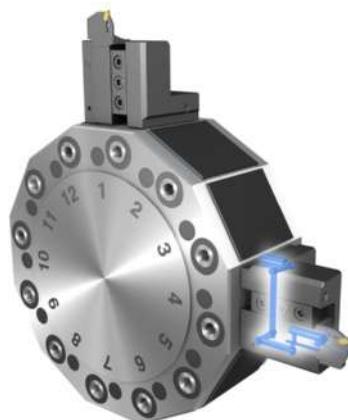
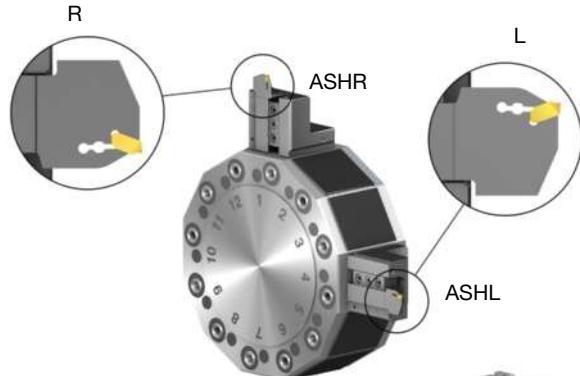
VDI

How to choose the right tool

Tool in hand

Axial
VDI
QS Shank

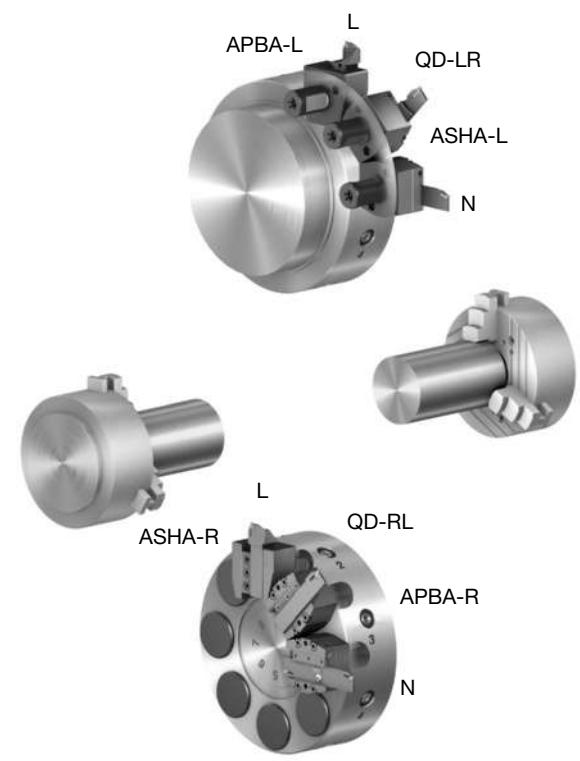
How to choose the right tool
Right hand or Left hand
Tools and adaptors



Tool in hand

Radial
VDI Blade
QS Shank

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



B

Machine side interface		Clamping unit				
						
Coromant Capto® 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

G

H

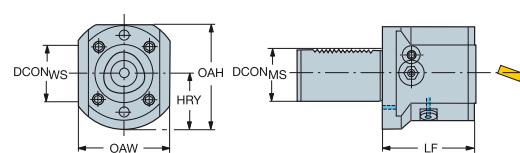
Machine side interface	Clamping unit	
		
	Coromant Capto® Driven tool holders angled	Coromant Capto® Driven tool holders straight
VDI	Page	
BMT	Page	F51
CDI 80	Page	F50
Doosan	Page	F42
Gildemeister	Page	F57
Mazak	Page	F56
Mori Seiki	Page	F71
Murata	Page	F70
Nakamura Tome	Page	F87
Okuma	Page	F86
Rectangular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

TOOL HOLDING

Non machine specific clamping unit

VDI to Coramant Captor® clamping unit

Machine side interface VDI according to DIN 69880

**Metric version**

CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	Dimensions, mm										CP Bar/PSI	Nm	Kg
					DCON _{MS}	DCON _{WS}	LF	WF	HF	OAW	OAH	HRY					
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

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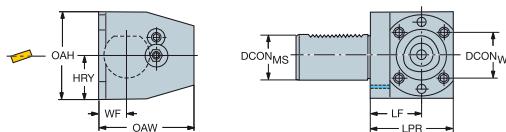


I1

I38

VDI to Coramant Captō® clamping unit

Machine side interface VDI according to DIN 69880



Metric version

CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	Dimensions, mm											CP Bar/PSI	Nm	Kg
					DCON _{MS}	DCON _{WS}	LPR	LF	WF	HF	OAW	OAH	HTB	HRY				
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	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.



I1



I38

A TOOL HOLDING

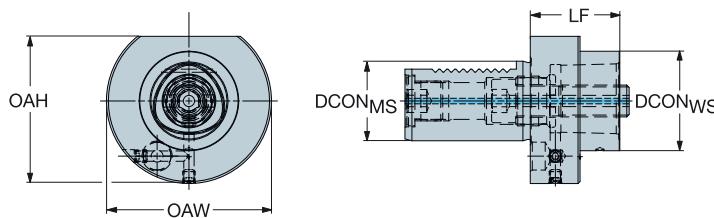
Non machine specific clamping unit

B **VDI to Coromant Capto® clamping unit**

Machine side interface VDI according to DIN 69880

Coromant Capto®

Centre bolt clamping

**C**

Dimensions, mm, inch

CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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	

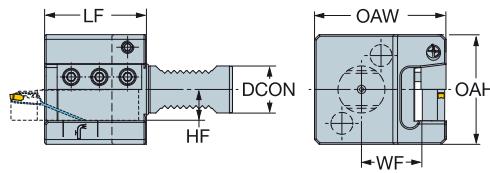
D**E****F****G****H****I**

I1

I38

VDI to rectangular shank adaptor

Machine side interface according to DIN 69880



				Dimensions, mm												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code		DCON	LPR	LF	WF	HF	OAW	OAH	DIX	RADW	CP BarPSI	Kg
30	20 x 20	7	6	ASHR/L-VDI30-20-HP		30	65	65	34	20	84	70	129	54	80	1.7
40	25 x 25	7	6	ASHR/L-VDI40-25-HP		1.181	2.559	2.559	1.339	.787	3.307	2.756	5.079	2.126	1160	
						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

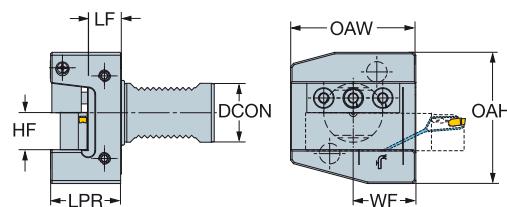
CZC_{WS} to correspond with CZC_{MS} on tool

A TOOL HOLDING

Non machine specific clamping unit

B **VDI to rectangular shank adaptor**

Machine side interface according to DIN 69880



				Dimensions, mm									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code		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

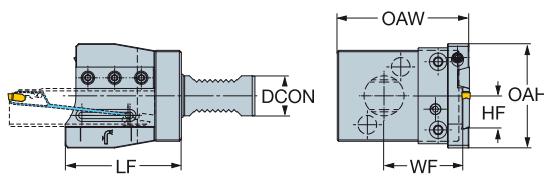
E CZC_{WS} to correspond with CZC_{MS} on tool**F****G****H****I**

I1

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
25	21	1	2	APBR/L-VDI25-21-HP	25 .984	80 3.150	50 1.988	21 .843	84 3.307	73 2.874	80 1160
30	21	1	2	APBR/L-VDI30-21-HP	30 1.181	80 3.150	58 2.303	21 .843	97 3.819	73 2.874	80 1160
	25	1	2	APBR/L-VDI30-25-HP	30 1.181	87 3.425	58 2.303	25 .984	98 3.878	78 3.071	80 1160
40	25	1	2	APBR/L-VDI40-25-HP	40 1.575	80 3.150	67 2.657	25 .984	118 4.665	100 3.937	80 1160

R = Right hand, L = Left hand

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



I1



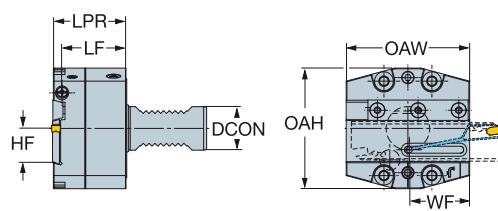
I38

A TOOL HOLDING

Non machine specific clamping unit

B **VDI to blade adaptor**

Machine side interface according to DIN 69880



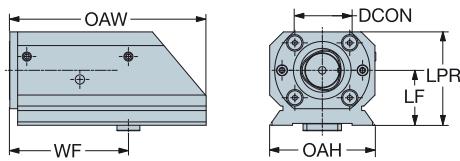
				Ordering code	Dimensions, mm								
CZC _{MS}	CZC _{WS}	CNSC	CXSC		DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar PSI	Kg
30	21	6	3	APBA-R/L-VDI30-21-HP	30	50	45	35	21	70	66	80	1.7
					1.181	1.988	1.791	1.378	.843	2.756	2.598	1160	
25	6	3		APBA-R/L-VDI30-25-HP	30	50	45	42	25	85	83	80	2.6
					1.181	1.988	1.791	1.673	.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

E CZC_{WS} to correspond with CZC_{MS} on tool**F****G****H**

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



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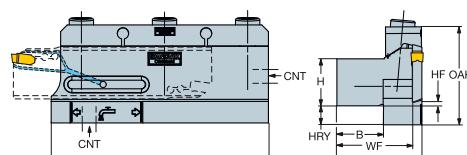
A

TOOL HOLDING

Non machine specific clamping unit

Tool block for blades

B



C

Metric version

CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	Dimensions, mm												CP Bar/PSI	
					B	H	LF	WF	HF	OAW	OAH	HRY	RADH	RADW	CNT			
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	G1/8	70	2.6	
40 x 40	45	2	2	BA-R/LGC4040-45	40	40	155	55	45	63	77		18	63	G1/8	70	3.3	

Inch version

CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	Dimensions, inch												CP Bar/PSI	
					B	H	LF	WF	HF	OAW	OAH	HRY	RADH	RADW	CNT			
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		
	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		
1 1/4 x 1 1/4	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	G1/8	1015	5.9	
	45	2	2	BA-R/LGC24-45	1.500	1.500	6.102	2.087	1.772	2.402	2.008		.709	2.402	G1/8	1015	6.9	

R = Right hand, L = Left hand

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

G

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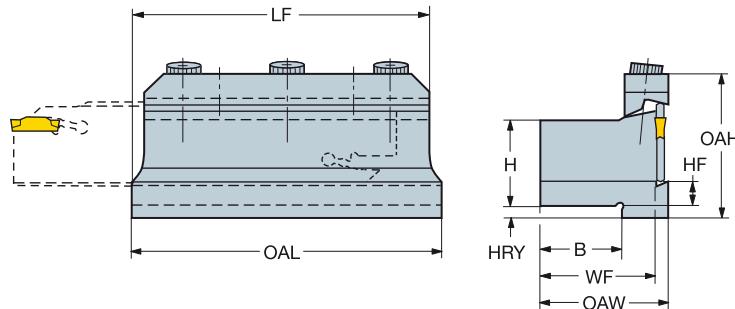
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Tool block for blades

DSGN

1



Metric version

CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	Dimensions, mm									
					B	H	LF	WF	HF	OAW	OAH	RADH	RADW	
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	151.2-5050-93	50	50	178	19	50	178	152	50	13	8.0

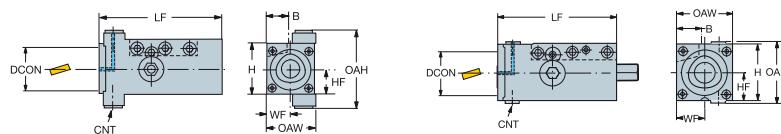
Inch version

CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	Dimensions, mm									
					B	H	LPR	LF	WF	HF	OAW	OAH	RADH	
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	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

A TOOL HOLDING

Non machine specific clamping unit

B Rectangular shank to Coromant Capto® clamping unit



C Metric version

CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	Dimensions, mm										CP Bar/PSI	Nm	Kg
					DCON	B	H	LF	WF	HF	OAW	OAH	CNT				
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	

D Inch version

CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	Dimensions, inch										CP Bar/PSI	Ft/lbs	Lbs
					DCON	B	H	LF	WF	HF	OAW	OAH	CNT				
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

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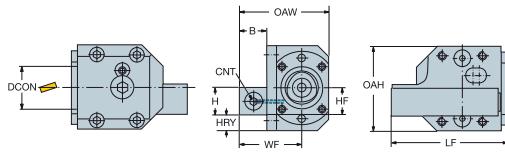
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I38

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 BarPSI	Nm Ft/lbs	Kg Lbs
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 BarPSI	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



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I38

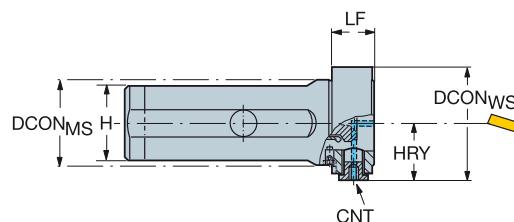
A TOOL HOLDING

Non machine specific clamping unit

B Cylindrical shank with flats to Coromant Capto® clamping unit

C Segment clamping

Cx-NC2000



D Metric version

CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	Dimensions, mm										CP Bar/PSI			
					DCON _{MS}	DCON _{WS}	H	LF	WF	HF	HRY	CNT	80	35	0.6			
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			

E Inch version

CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	Dimensions, inch										CP Bar/PSI			
					DCON _{MS}	DCON _{WS}	H	LF	WF	HF	HRY	CNT	1160	25	1.5			
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			

F

G

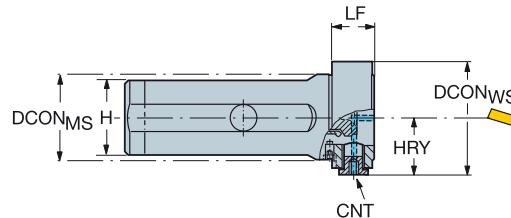
H

I



Cylindrical shank with flats to Coromant Capto® clamping unit

Centre bolt activated



Metric version

CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	Dimensions, mm									CP Bar/Psi	Nm	Kg
					DCON _{MS}	DCON _{WS}	H	LF	WF	HF	HRY	CNT				
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	

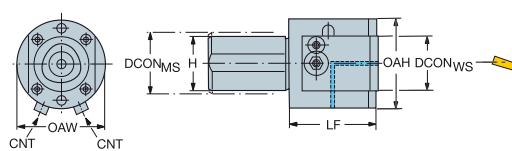
Inch version

CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	Dimensions, inch									CP Bar/Psi	Ft/lbs	Lbs
					DCON _{MS}	DCON _{WS}	H	LF	WF	HF	HRY	CNT				
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	

A TOOL HOLDING

Non machine specific clamping unit

B Cylindrical shank with flats to Coromant Capto® clamping unit



C Metric version

CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	Dimensions, mm										CP Bar/PSI	Nm	Kg
					DCON _{MS}	DCON _{WS}	H	LF	WF	HF	OAW	OAH	CNT				
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	

D Inch version

CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	Dimensions, inch										CP Bar/PSI	Ft/lbs	Lbs
					DCON _{MS}	DCON _{WS}	H	LF	WF	HF	OAW	OAH	CNT				
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.

E

F

G

H



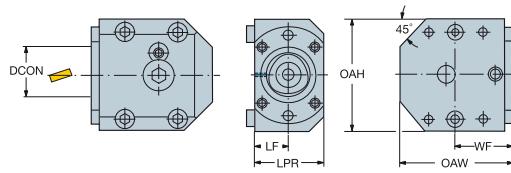
I1

I38

Manual clamping unit

For special applications

Coromant Capto®



Metric version

CZC _{MS}	CZC _{HS}	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.



I1



I38

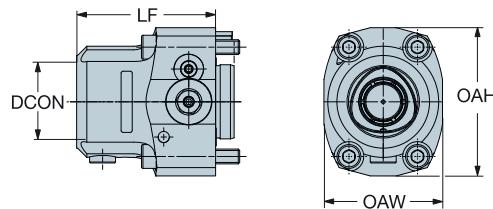
A TOOL HOLDING

Non machine specific clamping unit

B Manual clamping unit

For special applications

Coromant Capto®

**C Metric version**

CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	Dimensions, mm										CP BarPSI	Nm	Kg
					DCON	B	H	LPR	LF	WF	HF	OAW	OAH				
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

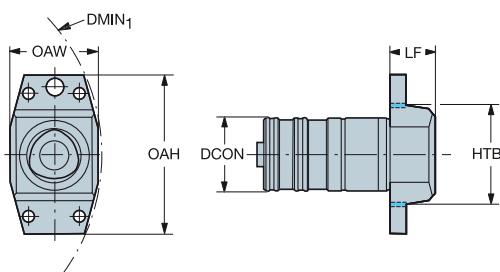
D**E****F****G****H****I**

I1

I38

Hydraulic clamping unit

Coromant Capto®



Metric version

CZC _{MS}	CZC _{WS}	CNSC	CXSC	DMIN ₁	Ordering code	Dimensions, mm									CP BarPSI	Kg
						DCON _{MS}	DCON _{WS}	LF	WF	HF	OAW	OAH	HTB			
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	

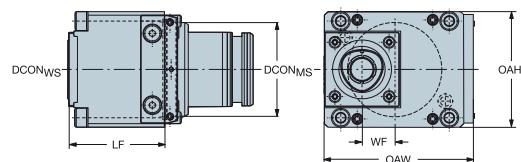


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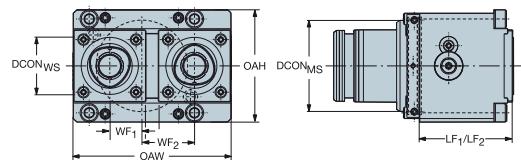
I38

B Manual clamping unit



C Metric version

				Ordering code	Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC		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		



E Metric version

				Ordering code	Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC		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

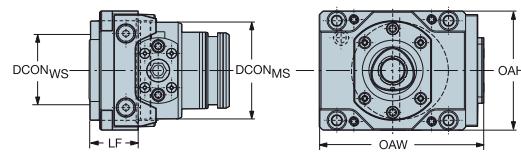
Note! Tighten the screw with a torque wrench. Information on page H19.



I1

I38

Manual clamping unit



Metric version

				Ordering code	Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC		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

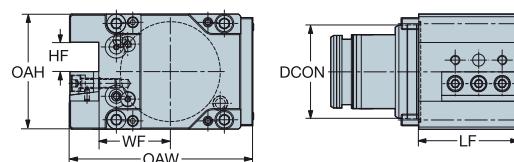


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I38

CDI 80 turret interface to rectangular shank adaptor

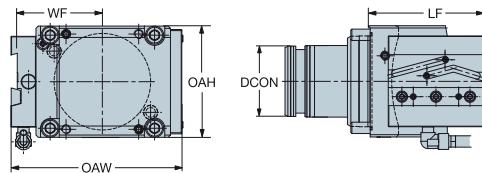


Metric version

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



CDI 80 turret interface to blade adaptor



				Dimensions, mm								
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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	

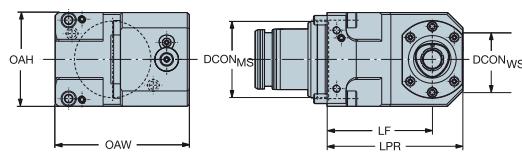


I1



I38

A Manual clamping unit

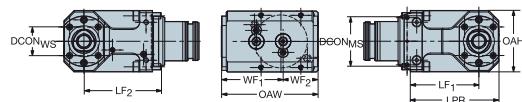


B

C Metric version

				Dimensions, mm, inch											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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		

D



E

F Metric version

				Dimensions, mm, inch										CP Bar/PSI	Nm	Kg		
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
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

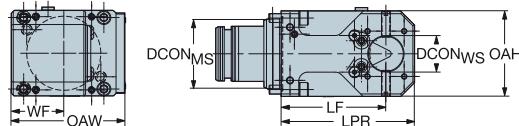
G

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

H



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	

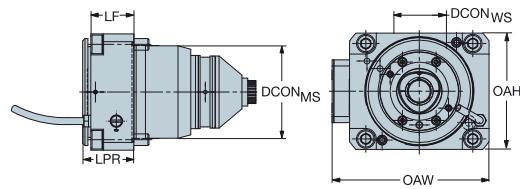


I1



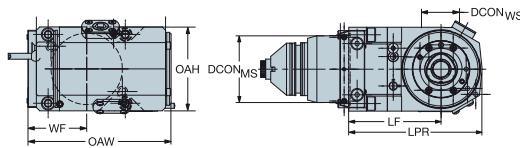
I38

Driven tool holder for CDI 80 interface



Metric version

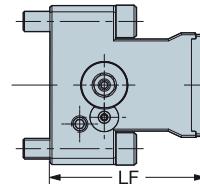
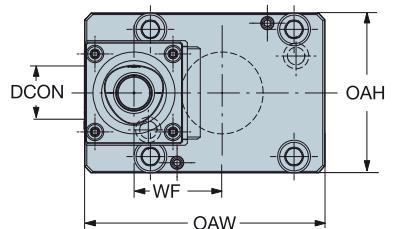
				Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LPR	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP Bar/PSI	Nm	Kg
CDI80	C5	7	6	C5-DNE80-044000-E	80	50	44	40	0	0	135	100	6000	63	80	60	5.0
					3.150	1.969	1.732	1.575	.000	.000	5.315	3.937		46.466	1160		
		7	1	C5-DNE80-044000-I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



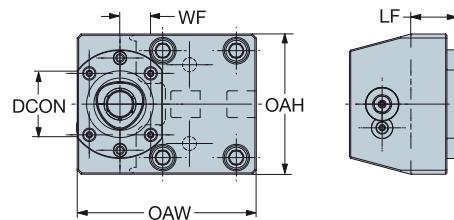
Metric version

				Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	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		

Manual clamping unit for BMT turrets



				Dimensions, mm									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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		



				Dimensions, mm								CP Bar/PSI	Nm	Kg
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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			

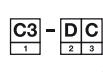
R = Right hand, L = Left hand



I1



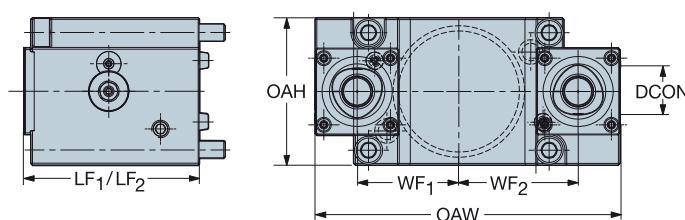
I38



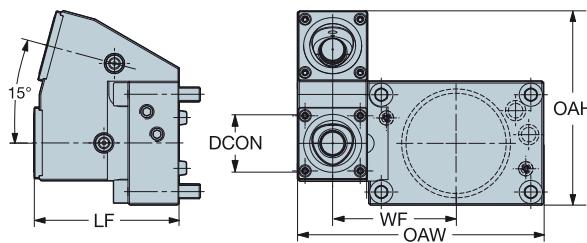
I37

Manual clamping unit for BMT turrets

Coromant Capto®



				Dimensions, mm												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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		



				Dimensions, mm											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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		

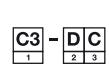
R = Right hand, L = Left hand



I1

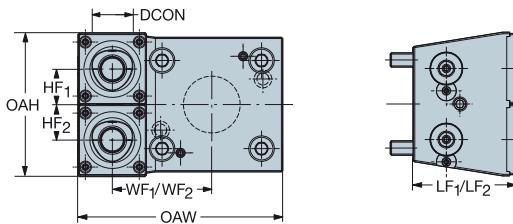


I38



I37

Manual clamping unit for BMT turrets



				Ordering code	Dimensions, mm											
CZC _{MS}	CZC _{WS}	CNSC	CXSC		DCON	LF ₁	LF ₂	WF ₁	WF ₂	HF ₁	HF ₂	OAW	OAH	CP BarPSI	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		

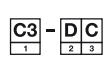
R = Right hand, L = Left hand



I1

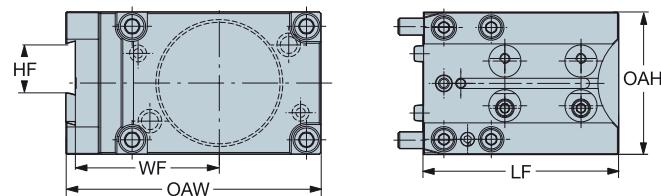


I38



I37

BMT turret interface to blade adaptor



				Dimensions, mm, inch								
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code		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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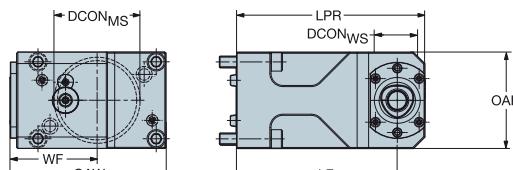
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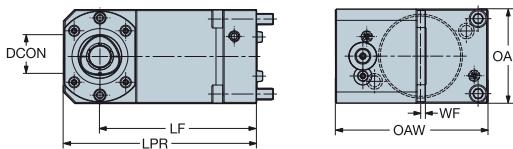
I1

I38

Manual clamping unit for BMT turrets



				Dimensions, mm										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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		



				Dimensions, mm										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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		

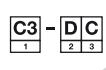
R = Right hand, L = Left hand



I1

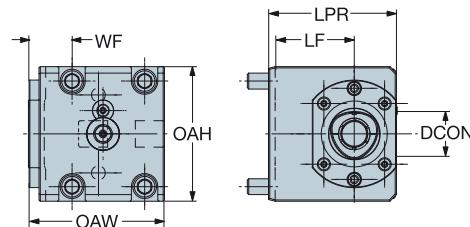


I38



I37

Manual clamping unit for BMT turrets



				Ordering code	Dimensions, mm										CP BarPSI	Nm	Kg
CZC _{MS}	CZC _{WS}	CNSC	CXSC		DCON	LPR	LF	WF	HF	OAW	OAH	112	80	70	7.0		
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					

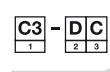
R = Right hand, L = Left hand



I1

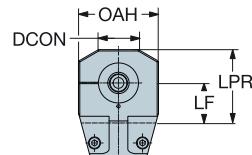
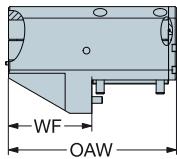


I38



I37

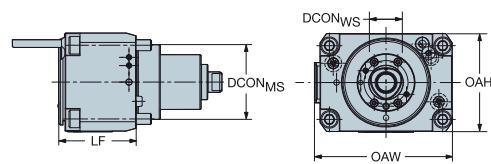
BMT turret interface to cylindrical shank adaptor



CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	Dimensions, mm								
					DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar/Psi	
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

Driven tool holder for BMT-P turrets

B



C

				Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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
		7	1	C3-DNE-BT55A-I	2.165	1.260	2.165	.000	.000	3.346	3.346	29.503	1160			
					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
		7	1	C4-DNE-BT65A-I	2.559	1.575	2.126	.000	.000	3.780	3.780	46.466	1160			
					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
		7	1	C5-DNE-BT75A-I	2.953	1.969	2.677	.000	.000	4.409	4.409	110.634	1160			
					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
		7	1	C6-DNE-BT85A-I	3.346	2.480	3.346	.000	.000	4.921	4.921	154.888	1160			
					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

F

G

H

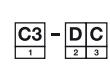
I



I1

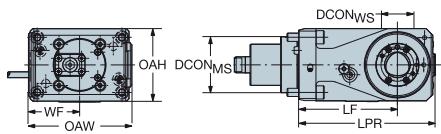


I38



I37

Driven tool holder for BMT-P turrets



				Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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
		7	1	C3-DNI-BT55A-I	2.165	1.260	4.094	2.756	2.638	.000	4.764	3.346	29.503	1160			
BT65A	C4	7	6	C4-DNI-BT65A-E	55	32	104	70	67	0	126	85	6000	40	80	25	7.1
		7	1	C4-DNI-BT65A-I	2.165	1.260	4.094	2.756	2.638	.000	4.961	3.346	29.503	1160			
BT75A	C5	7	6	C5-DNI-BT75A-E	65	40	140	100	68	0	130	96	6000	63	80	40	10.0
		7	1	C5-DNI-BT75A-I	2.559	1.575	5.512	3.937	2.677	.000	5.134	3.780	46.466	1160			
BT85A	C6	7	6	C6-DNI-BT85A-E	75	50	106	60	83	0	150	112	4000	150	80	60	12.9
		7	1	C6-DNI-BT85A-I	2.953	1.969	4.173	2.362	3.268	.000	5.906	4.409	110.634	1160			
BT85A	C6	7	6	C6-DNI-BT85A-E	75	50	106	60	83	0	156	112	4000	150	80	60	13.5
		7	1	C6-DNI-BT85A-I	2.953	1.969	4.173	2.362	3.268	.000	6.142	4.409	110.634	1160			

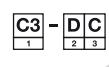
E = External coolant

I = Internal coolant

I1

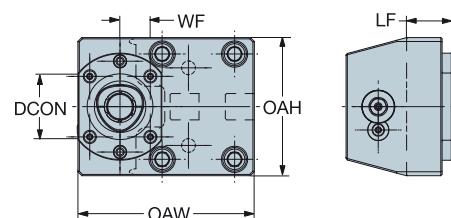
I38

I37



Manual clamping unit for Doosan machines

B



C

				Dimensions, mm									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON	LF	WF	HF	OAW	OAH	CP BarPSI	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

D

E

F

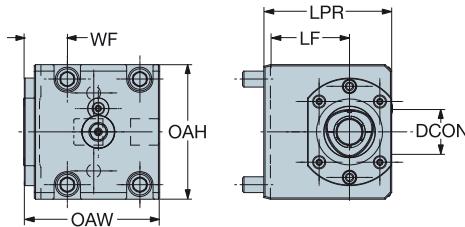
G

H

I



Manual clamping unit for Doosan machines



				Dimensions, mm										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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



I1



I38

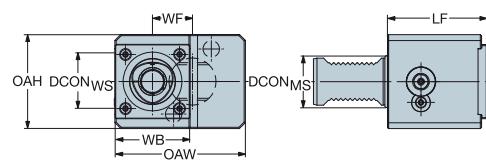
A

TOOL HOLDING

Machine side interface Gildemeister

Manual clamping unit for Gildemeister machines

B



C

				Dimensions, mm, inch										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	WF	HF	OAW	OAH	CP BarPSI	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

D

E

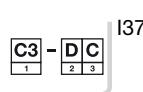
F

G

H

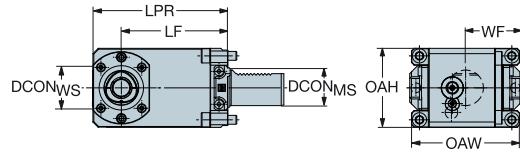
I

I1



I38

Manual clamping unit for Gildemeister machines



				Dimensions, mm, inch											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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		

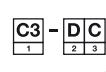
R = Right hand, L = Left hand



I1



I38

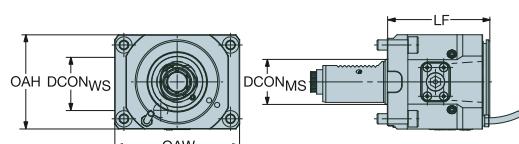


I37

A TOOL HOLDING

Machine side interface Gildemeister

B Driven tool holder for Gildemeister machines



				Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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
		7	1	C5-DNE-GM40V-I	1.575	1.969	3.937	.000	.000	4.803	3.622	59.005	1160			
					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

D

E

F

G

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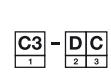
I



I1

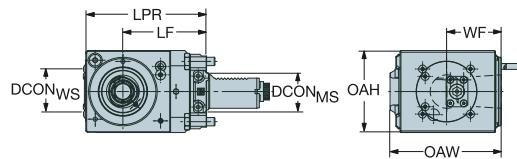


I38



I37

Driven tool holder for Gildemeister machines



				Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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

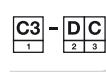
I = Internal coolant



I1

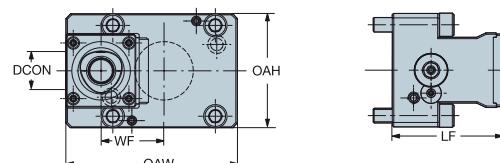


I38



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

A

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I1

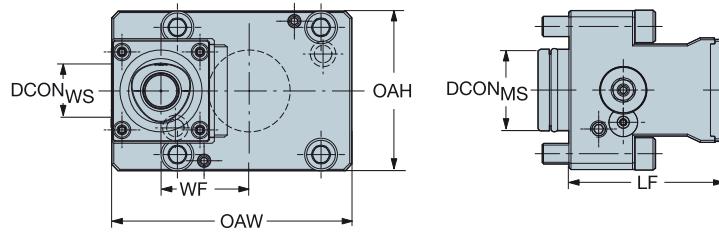


I38



I37

Manual clamping unit for Mazak machines



				Dimensions, mm										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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		

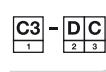
R = Right hand, L = Left hand



I1

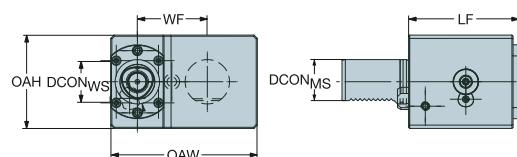


I38



I37

Manual clamping unit for Mazak machines



				Dimensions, mm, inch										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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

E

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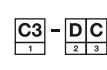
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I1

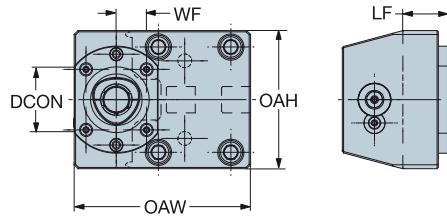


I38

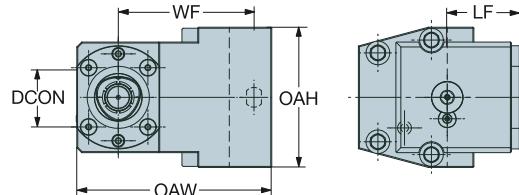


I37

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 Nm	Kg 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		



				Dimensions, mm									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON	LF	WF	HF	OAW	OAH	CP Bar PSI	Nm Nm	Kg 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		

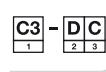
R = Right hand, L = Left hand



I1

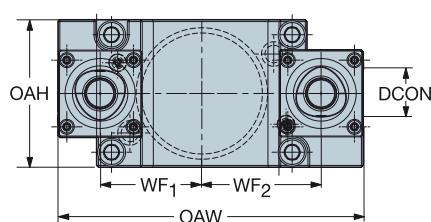
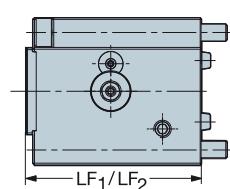


I38



I37

Manual clamping unit for Mazak machines



				Ordering code	Dimensions, mm											
CZC _{MS}	CZC _{WS}	CNSC	CXSC		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

B

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D

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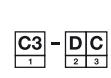
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I1

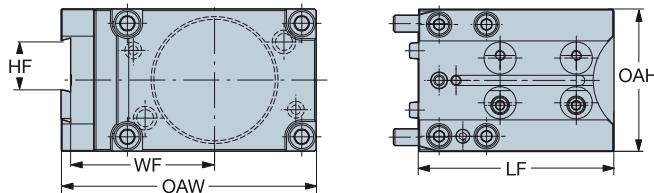


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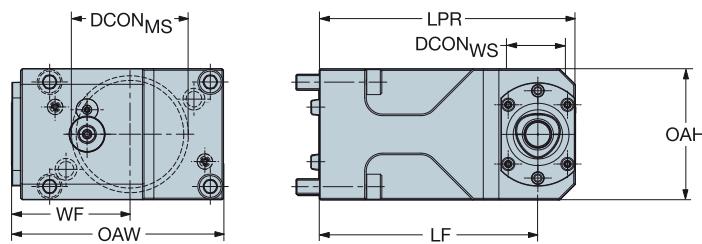
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Mazak turret interface to blade adaptor

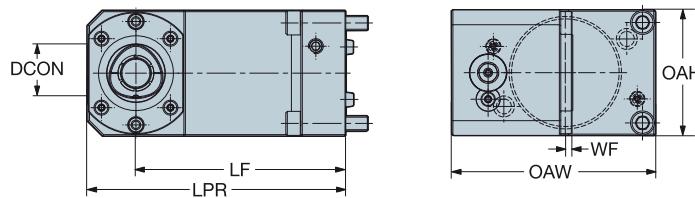


				Dimensions, mm, inch							
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	LF	WF	HF	OAW	OAH	CP Bar/PSI	Kg
MZ68A	25	7	2	APB-TNE-MZ68A-25	115	85	25	150	100	80	3.6
					4.547	3.346	.984	5.925	3.937	1160	

Manual clamping unit for Mazak machines



				Dimensions, mm										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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		



				Dimensions, mm									CP Bar/PSI	Nm	Kg
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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

A

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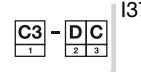
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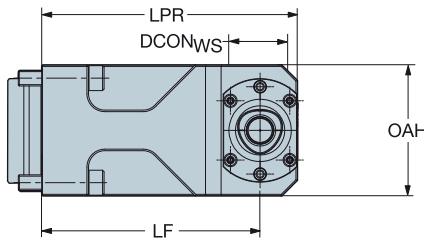
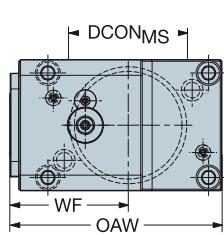
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I38

Manual clamping unit for Mazak machines



				Dimensions, mm											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	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		

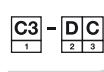
R = Right hand, L = Left hand



I1



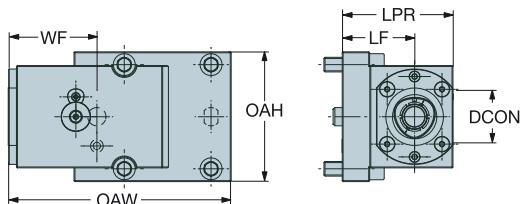
I38



I37

Manual clamping unit for Mazak machines

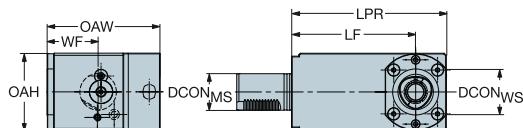
B



C

				Dimensions, mm											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code		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		

D



E

F

				Dimensions, mm, inch										CP Bar/PSI	Nm	Kg	
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code		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

G

H

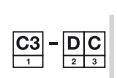
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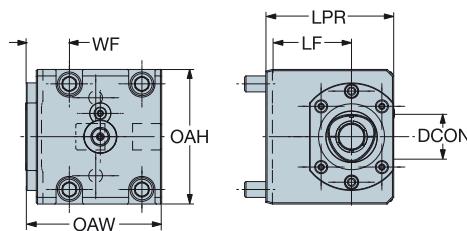


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I37

Manual clamping unit for Mazak machines



				Dimensions, mm										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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		

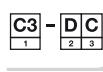
R = Right hand, L = Left hand



I1

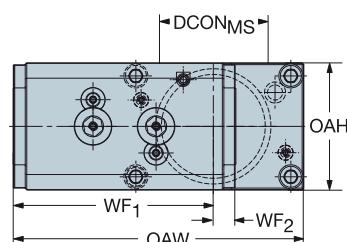
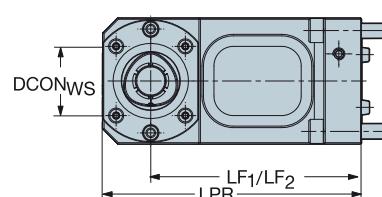


I38



I37

Manual clamping unit for Mazak machines



				Dimensions, mm										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code										
MZ68A	C5	7	2	C5-TR/LI-MZ68A-DT										
				DCON	LPR	LF ₁	LF ₂	WF ₁	WF ₂	HF ₁	HF ₂	OAW	OAH	
				50	172	140	140	133	15	0	0	193	84	80
				1.969	6.772	5.512	5.512	5.236	.591	.000	.000	7.598	3.307	70
														9.8

R = Right hand, L = Left hand

CP BarPSI Nm Kg

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I1

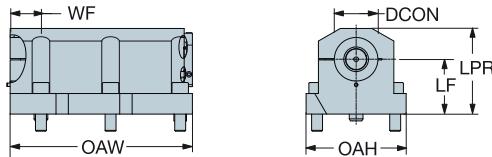


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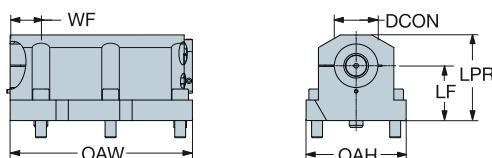
I37

Mazak turret interface to cylindrical shank adaptor



Metric version

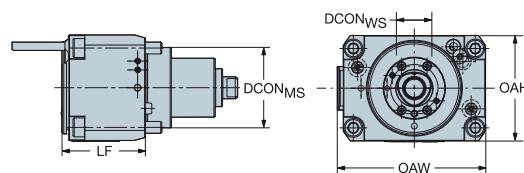
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	Dimensions, mm								CP Bar/Psi	Kg
					DCON	LPR	LF	WF	HF	OAW	OAH			
MZ-D	60	1	1	SBB-60-MZ-ST50	60	125	80	45	0	265	146	80	15.5	
MZ-E	60	1	1	SBB-60-MZ-ST60	60	142	100	45	0	255	168	80	26.5	



Inch version

CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	Dimensions, inch								CP Bar/Psi	Lbs
					DCON	LPR	LF	WF	HF	OAW	OAH			
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	

Driven tool holder for Mazak machines



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

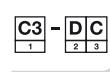
I = Internal coolant



I1

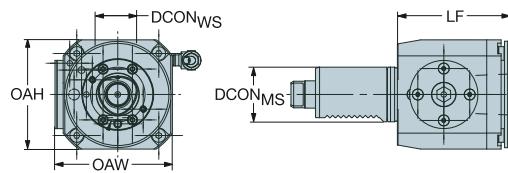


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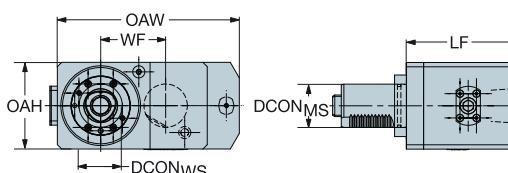


I37

Driven tool holder for Mazak machines



				Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP BarPSI	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			



				Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP BarPSI	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

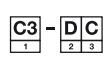
I = Internal coolant



I1



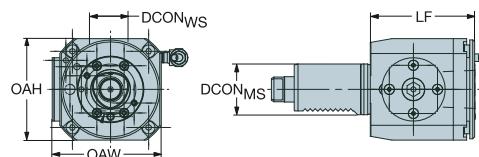
I38



I37

Driven tool holder for Mazak machines

B



C

				Ordering code	Dimensions, mm, inch											
CZC _{MS}	CZC _{WS}	CNSC	CXSC		DCON _{MS}	DCON _{WS}	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

D

E

F

G

H

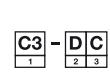
I



I1

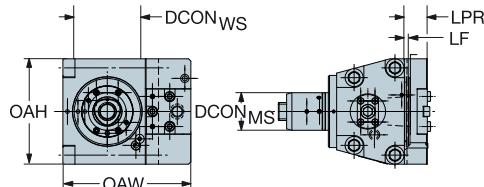


I38



I37

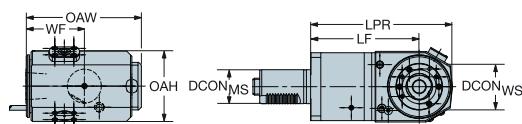
Driven tool holder for Mazak machines



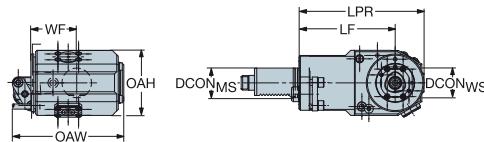
				Dimensions, mm													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON	LPR	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP Bar/PSI	Nm	Kg	
MZ-F	C5	7	6	C5-DNE-MZ-F-E	50	27	4	0	0	170	140	3000	150	80	60	12.2	
		7	1	C5-DNE-MZ-F-I	1.969	1.063	.177	.000	.000	6.693	5.512		110.634	1160			

E = External coolant
I = Internal coolant

Driven tool holder for Mazak machines

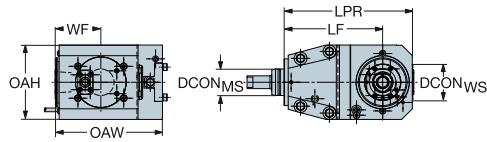


				Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LPR	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP BarPSI	Nm	Kg
MZ40V	C4	7	6	C4-DNI-MZ40V-E	40	40	169	130	62	0	142	88	6000	70	80	40	9.9
		7	1	C4-DNI-MZ40V-I	1.575	1.575	6.689	5.118	2.441	.000	5.591	3.465		51.629	1160	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



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

Driven tool holder for Mazak machines

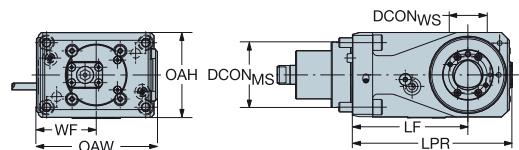


				Dimensions, mm												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON	LPR	LF	WF	HF	OAW	OAH	RPMX	MMCX	CP Bar/PSI	Nm	Kg
MZ-F	C5	7	6	C5-DNI-MZ-F-E	50	143	84	86	0	202	140	3000	150	80	60	27.0
					1.969	5.630	3.317	3.386	.000	7.953	5.512		110.634	1160		
	7	1		C5-DNI-MZ-F-I	50	143	84	86	0	202	140	3000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

Driven tool holder for Mazak machines

B



C

					Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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

F

G

H

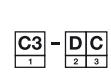
I



I1

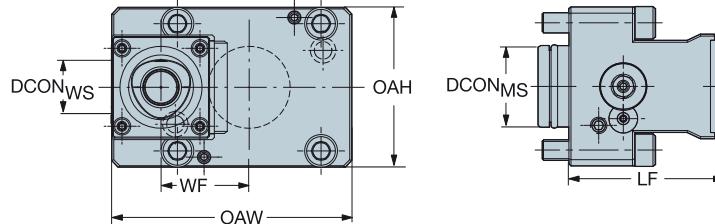


I38

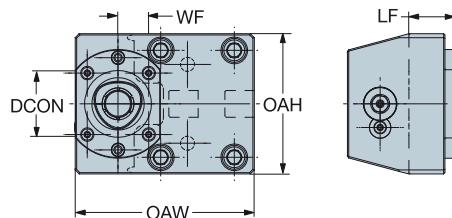


I37

Manual clamping unit for Mori Seiki machines



				Dimensions, mm, inch										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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		



				Dimensions, mm, inch											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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		

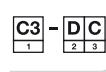
R = Right hand, L = Left hand



I1



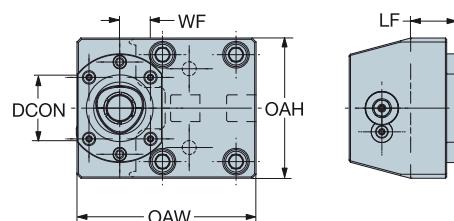
I38



I37

Manual clamping unit for Mori Seiki machines

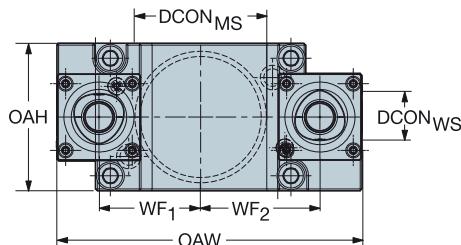
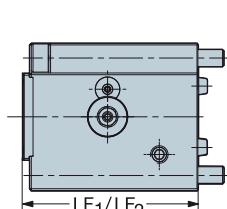
B



C

				Dimensions, mm																																																			
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON	LPR	LF	WF	HF	OAW	OAH	CP BarPSI	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		
					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																														
					2.480	1.575	4.724	.000	8.150	5.512	1160																																												

D



E

F

				Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF ₁	LF ₂	WF ₁	WF ₂	HF ₁	HF ₂	OAW	OAH			
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		

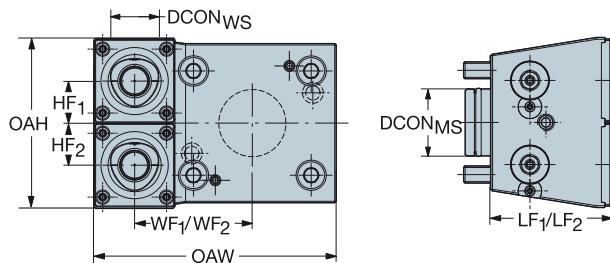
R = Right hand, L = Left hand

H

I



Manual clamping unit for Mori Seiki machines



				Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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 1.575	40 1.575	72 2.835	72 2.835	70 2.756	70 2.756	25 .984	25 .984	144 5.669	101 3.976	80 1160	50	4.8
MS60A	C4	7	2	C4-TR/LE-MS60A-YT	60 2.362	40 1.575	80 3.150	80 3.150	82 3.228	82 3.228	29 1.142	29 1.142	171 6.732	108 4.252	80 1160	50	7.4

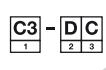
R = Right hand, L = Left hand



I1

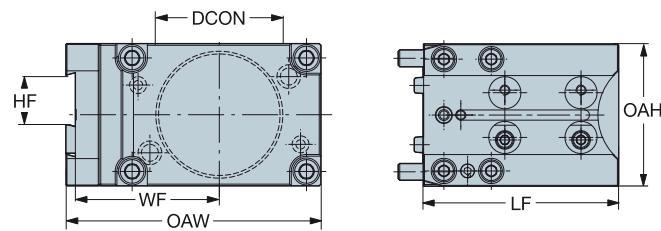


I38



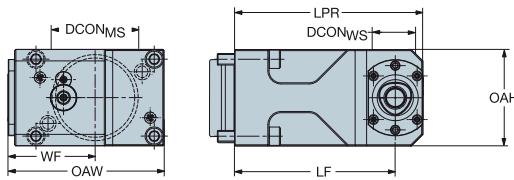
I37

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	
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	

Manual clamping unit for Mori Seiki machines



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

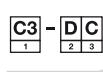
R = Right hand, L = Left hand



I1

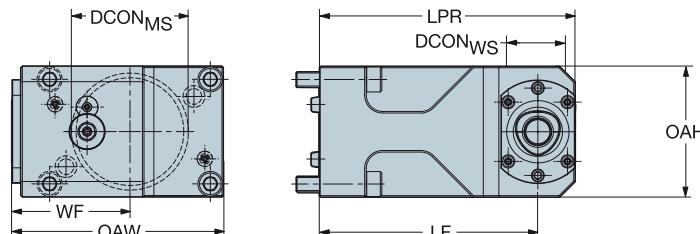


I38

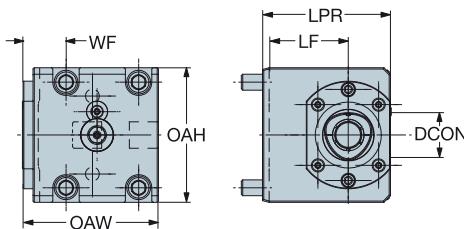


I37

Manual clamping unit for Mori Seiki machines



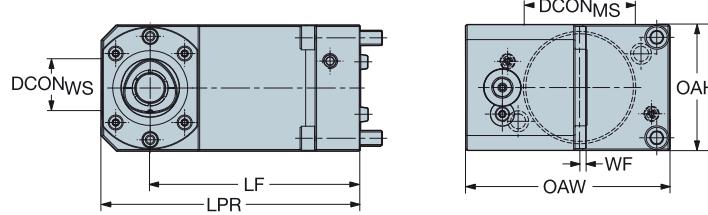
				Dimensions, mm, inch											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LPR	LF	WF	HF	OAW	OAH	CP Bar PSI	Nm	Kg
MS75A	C6	7	2	C6-TR/LI-MS75A	75	63	122	80	140	0	225	136	80	90	20.2
					2.953	2.480	4.803	3.150	5.512	.000	8.858	5.354	1160		
MS110A	C6	7	2	C6-TR/LI-MS110A	110	63	142	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		



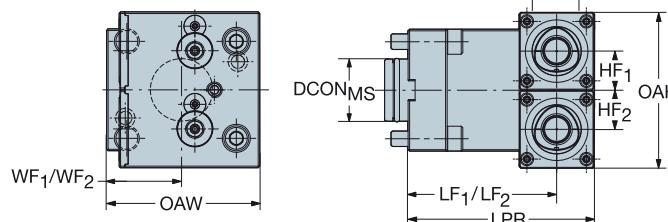
				Dimensions, mm									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON	LF	WF	HF	OAW	OAH	CP Bar PSI	Nm	Kg
MS-A	C4	7	2	C4-TR/LI-MS-A	40	40	12	0	93	100	80	50	3.8
					1.575	1.575	.472	.000	3.661	3.937	1160		
	C5	7	2	C5-TR/LI-MS-A	50	40	15	0	100	100	80	70	5.6
					1.969	1.575	.591	.000	3.937	3.937	1160		
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

Manual clamping unit for Mori Seiki machines



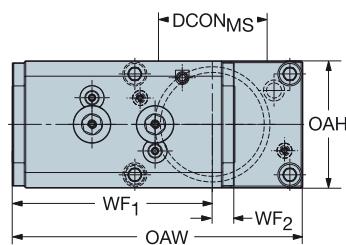
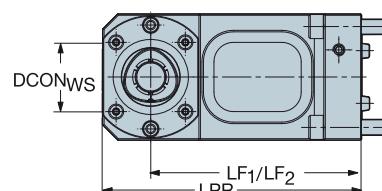
				Dimensions, mm, inch											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
MS40A	C4	7	2	C4-TR/LI-MS40A-SS	40	40	124	100	15	0	124	77	80	50	5.6
					1.575	1.575	4.882	3.937	.591	.000	4.882	3.047	1160		
MS60A	C4	7	1	C4-TR/LI-MS60A-SS	60	40	114	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		



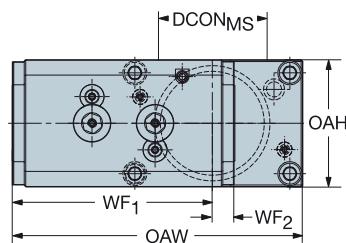
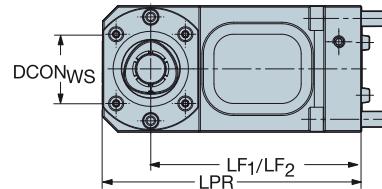
				Dimensions, mm, inch														
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LPR	LF ₁	LF ₂	WF ₁	WF ₂	HF ₁	HF ₂	OAW	OAH	HTB		
MS40A	C4	7	2	C4-TR/LI-MS40A-YT	40	40	119	95	95	48	48	25	25	98	99	80	50	6.5
					1.575	1.575	4.685	3.740	3.740	1.890	1.890	.984	.984	3.858	3.921	3.921	1160	

R = Right hand, L = Left hand

Manual clamping unit for Mori Seiki machines



				Dimensions, mm, inch													CP Bar PSI	Nm	Kg
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
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		



				Dimensions, mm, inch													CP Bar PSI	Nm	Kg
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	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		

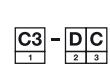
R = Right hand, L = Left hand



I1

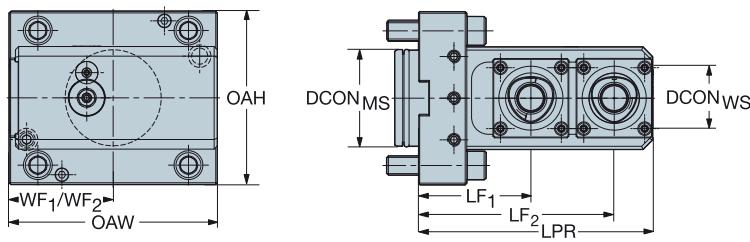


I38



I37

Manual clamping unit for Mori Seiki machines

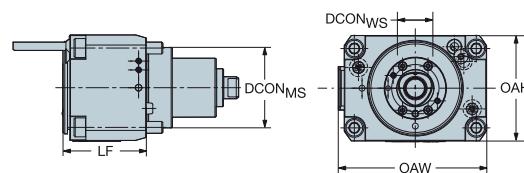


				Dimensions, mm, inch												CP Bar/PSI	Nm	Kg
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LPR	LF ₁	LF ₂	WF ₁	WF ₂	HF ₁	HF ₂	OAW	OAH	CP Bar/PSI	Nm	Kg
MS60A	C4	7	2	C4-TR/LI-MS60A-XT	60	40	146	70	122	65	65	0	0	130	108	80	50	10.4
					2.362	1.575	5.748	2.756	4.803	2.559	2.559	.000	.000	5.118	4.252	1160		

R = Right hand, L = Left hand

Driven tool holder for Mori Seiki machines

B



C

					Dimensions, mm, inch											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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

F

G

H

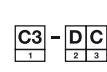
I



I1

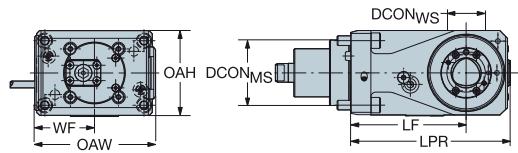


I38



I37

Driven tool holder for Mori Seiki machines



				Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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
		7	1	C4-DNI-MS40A-I	1.575	1.575	4.921	3.346	2.559	.000	5.134	3.150		46.466	1160		
					40	40	125	85	65	0	134	80	6000	63	80	40	6.7
MS60A	C4	7	6	C4-DNI-MS60A-E	60	40	136	90	60	0	130	108	6000	80	80	40	13.0
		7	1	C4-DNI-MS60A-I	2.362	1.575	5.354	3.543	2.362	.000	5.118	4.252		59.005	1160		
					60	40	136	90	60	0	133	108	6000	80	80	40	12.0
	C5	7	6	C5-DNI-MS60A-E	60	50	136	90	60	0	130	108	6000	80	80	60	12.0
		7	1	C5-DNI-MS60A-I	2.362	1.969	5.354	3.543	2.362	.000	5.118	4.252		59.005	1160		
					60	50	136	90	60	0	133	108	6000	80	80	60	12.0
MS75A	C5	7	6	C5-DNI-MS75A-E	75	50	161	105	105	0	205	136	3500	150	80	60	26.2
		7	1	C5-DNI-MS75A-I	2.953	1.969	6.339	4.134	4.134	.000	8.071	5.354		110.634	1160		
					75	50	161	105	105	0	209	136	3500	150	80	60	27.0
MS110A	C6	7	6	C6-DNI-MS110A-E	110	63	160	100	105	0	220	158	3500	240	80	75	34.7
		7	1	C6-DNI-MS110A-I	4.331	2.480	6.299	3.937	4.134	.000	8.661	6.220		177.015	1160		
					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

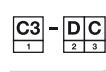
I = Internal coolant



I1

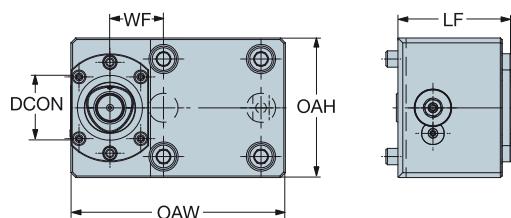


I38



I37

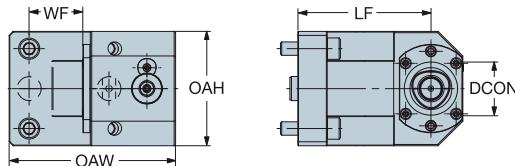
Manual clamping unit for Murata machines



				Dimensions, mm									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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

Manual clamping unit for Murata machines



				Dimensions, mm									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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



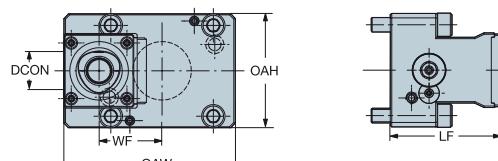
I1



I38

Manual clamping unit for Nakamura Tome machines

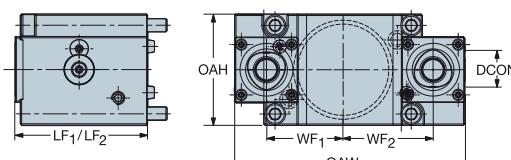
B



C

				Dimensions, mm											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code		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		

D



E

F

				Dimensions, mm										CP Bar/PSI	Nm	Kg	
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code		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

G

H

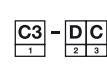
I



I1

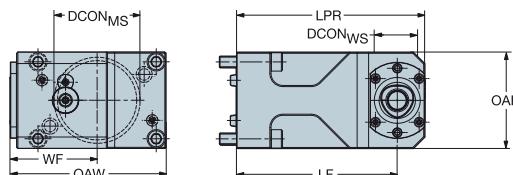


I38

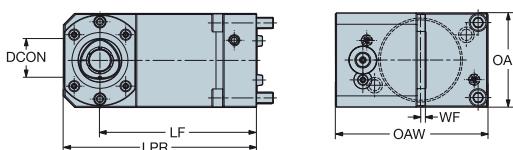


I37

Manual clamping unit for Nakamura Tome machines



				Dimensions, mm										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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		



				Dimensions, mm									CP Bar/Psi	Nm	Kg
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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			

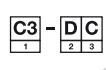
R = Right hand, L = Left hand



I1

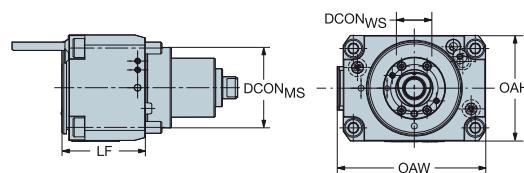


I38



I37

Driven tool holder for Nakamura Tome machines



				Dimensions, mm, inch												
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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
		7	1	C3-DNE-NA55A-I	2.165	1.260	2.165	.000	.000	3.110	3.307	29.503	1160			
					55	32	55	0	0	79	84	6000	40	80	25	3.2
NA65A	C4	7	6	C4-DNE-NA65A-E	65	40	53	0	0	100	96	6000	80	80	40	4.6
		7	1	C4-DNE-NA65A-I	2.559	1.575	2.106	.000	.000	3.937	3.780	59.005	1160			
					65	40	53	0	0	100	96	6000	80	80	40	4.7
NA75A	C5	7	6	C5-DNE-NA75A-E	75	50	68	0	0	100	115	4000	100	80	60	6.5
		7	1	C5-DNE-NA75A-I	2.953	1.969	2.677	.000	.000	3.937	4.528	73.756	1160			
					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

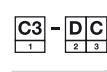
I = Internal coolant



I1

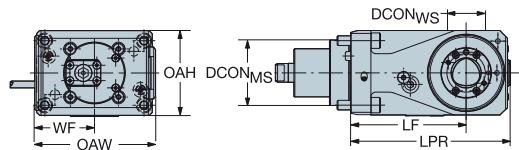


I38



I37

Driven tool holder for Nakamura Tome machines



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

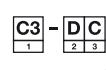
I = Internal coolant



I1



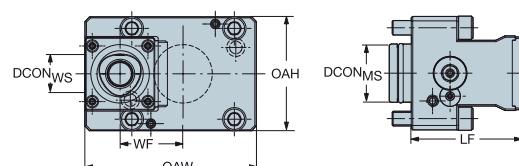
I38



I37

Manual clamping unit for Okuma machines

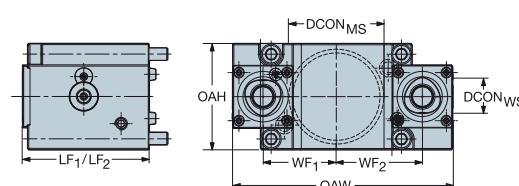
B



C

				Ordering code	Dimensions, mm, inch									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF	WF	HF	OAW	OAH	CP BarPSI	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		

D



E

				Ordering code	Dimensions, mm, inch										CP BarPSI	Nm	Kg
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LF ₁	LF ₂	WF ₁	WF ₂	HF ₁	HF ₂	OAW	OAH	CP BarPSI	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

F

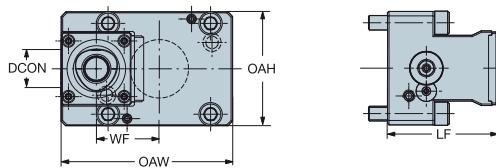
G

H

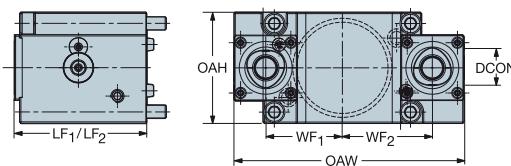
I



Manual clamping unit for Okuma machines



				Dimensions, mm									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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		



				Dimensions, mm									
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON	LF ₁	LF ₂	WF ₁	WF ₂	HF ₁	HF ₂	OAW	OAH
OK60A	C4	7	2	C4-TR/LE-OK60A-DT	40	70	70	6	106	0	0	160	95
					1.575	2.756	2.756	.236	4.173	.000	.000	6.299	3.740
													1160

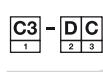
R = Right hand, L = Left hand



I1



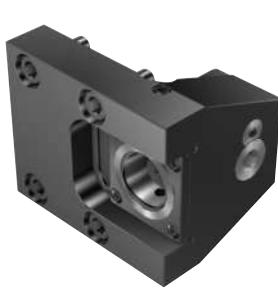
I38



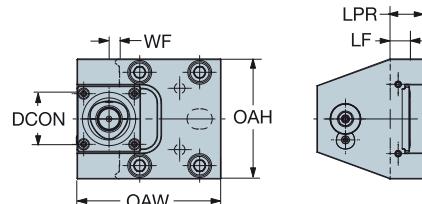
I37

Manual clamping unit for Okuma machines

B



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



C

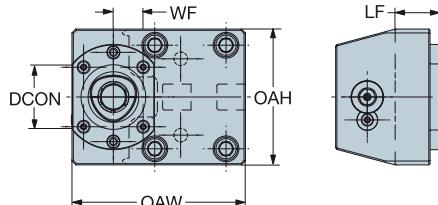
D

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

E



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



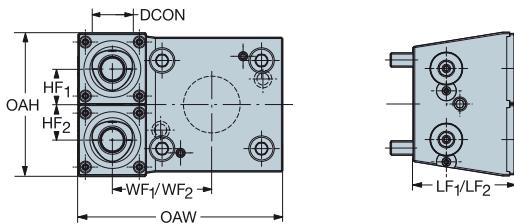
F

G

CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	Dimensions, mm							
					DCON	LF	WF	HF	OAW	OAH	CP BarPSI	Nm
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

Manual clamping unit for Okuma machines



				Ordering code	Dimensions, mm											
CZC _{MS}	CZC _{WS}	CNSC	CXSC		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



I1

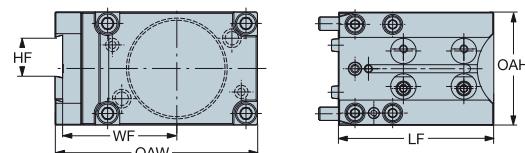


I38

A TOOL HOLDING

Machine side interface Okuma

B Okuma turret interface to blade adaptor



				Dimensions, mm, inch							
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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	

C

D

E

F

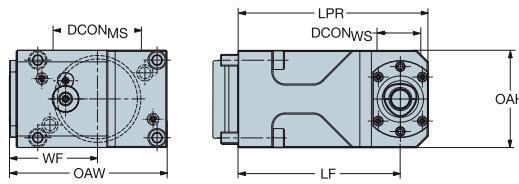
G

H

I



Manual clamping unit for Okuma machines



				Dimensions, mm, inch											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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

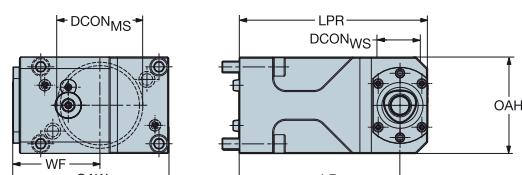


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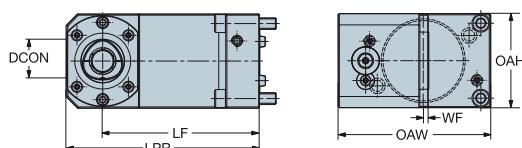


I38

Manual clamping unit for Okuma machines



				Dimensions, mm											
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code		DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
OK60A		C4	1	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	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	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		



				Dimensions, mm									CP Bar/PSI	Nm	Kg
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code		DCON	LPR	LF	WF	HF	OAW	OAH	CP Bar/PSI	Nm	Kg
OK60A		C4	7	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		

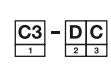
R = Right hand, L = Left hand



I1

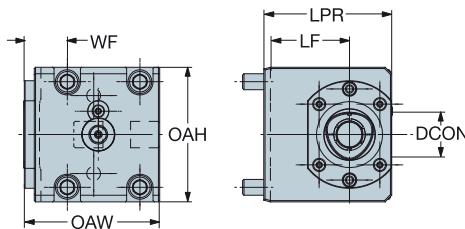


I38



I37

Manual clamping unit for Okuma machines



				Dimensions, mm										
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	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

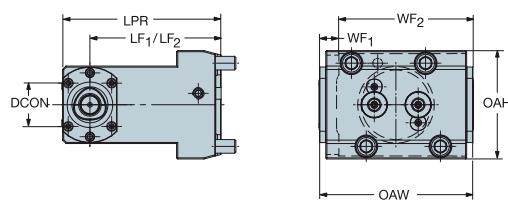


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I38

Manual clamping unit for Okuma machines



					Dimensions, mm										CP Bar/PSI	Nm	Kg
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON	LPR	LF ₁	LF ₂	WF ₁	WF ₂	HF ₁	HF ₂	OAW	OAH			
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

B

C

D

E

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H

I

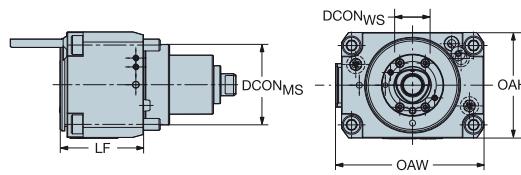
I1

I38

I37



Driven tool holder for Okuma machines



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

E = External coolant

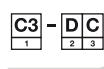
I = Internal coolant



I1

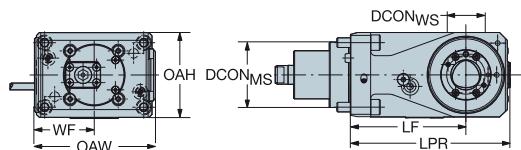


I38



I37

Driven tool holder for Okuma machines



				Dimensions, mm, inch													
CZC _{MS}	CZC _{WS}	CNSC	CXSC	Ordering code	DCON _{MS}	DCON _{WS}	LPR	LF	WF	HF	OAW	OAH	RPMX	MMX	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			
OK60A	C4	7	6	C4-DNI-OK60A-E	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			
OK60B	C4	7	6	C4-DNI-OK60B-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			
OK60C	C4	7	6	C4-DNI-OK60C-E	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	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	1	C4-DNI-OK60C-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			

E = External coolant

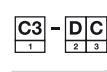
I = Internal coolant



I1



I38



I37