

Cutting tools from Sandvik Coromant

Complementary Standard Products

TURNING - DRILLING - TOOLHOLDING



TOOLHOLDING SYSTEMS

Modular Quick Change Tooling

Overview

G1

Coromant Capto® Machine Adapted Clamping Units

Code key

G3

G4

For Mazak CNC lathes

For Mori Seiki CNC lathes

For Mori Seiki NL series

For Daewoo CNC lathes

For Okuma CNC lathes

For specific CNC lathes

Spare parts and accessories

Coromant Capto® Driven Toolholders

ER collet driven toolholders

For Okuma CNC lathes

Spare parts and accessories

Code key for Coromant Capto® machine adapted clamping units

C4	- RC	E	-	SQT250	-	058	099	M	SS
1	2	3		4		5	6	7	8

1 Coupling size

D_{5m} = Coupling size

Size: **inch:** **mm:**

C3	D_{5m} =	1.260	32
C4	D_{5m} =	1.575	40
C5	D_{5m} =	1.969	50
C6	D_{5m} =	2.480	63
C8	D_{5m} =	3.150	80

2 Hand of clamping unit

RC = Right
LC = Left
NC = Neutral

3 Type of operation

E = External
I = Internal

4 Machine model

Example:
SQT250 = Super Quick Turn 250

5 Reference dimension

Gauge line in millimeters from
reference point to center line of
Coromant Capto coupling

6 Reference dimension

Gauge line in millimeters from
reference point to face of Coromant
Capto coupling

7 Version

A = New design
M = Modified from original

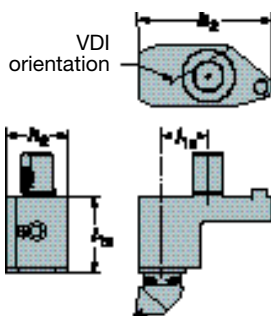
8 Configuration

SS = for subspindle
DT = for main spindle and
subspindle (two clamping
units in one holder)
TT = for machine with half index
turret (two clamping units in
one holder)

How to choose Mazak™ machine adapted clamping units

Mazak type 1 External turning

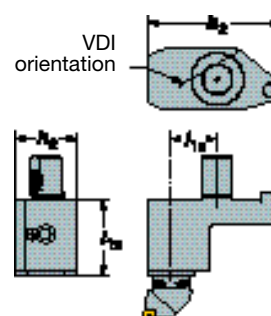
Style: Right hand clamping unit
(Coromant Capto sleeve orientation)



Main spindle rotation

Right hand cutting unit

Style: Left hand clamping unit
(Coromant Capto sleeve orientation)

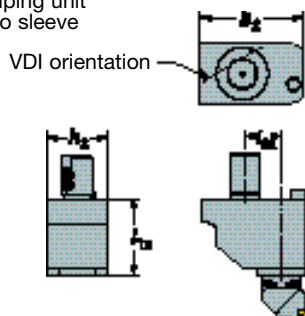


Main spindle rotation

Left hand cutting unit

Mazak type 2 External turning

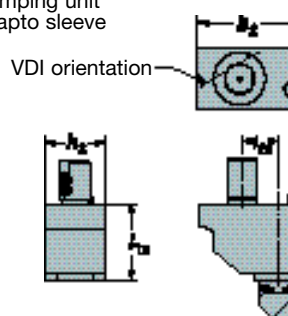
Style: Right hand clamping unit
(Coromant Capto sleeve orientation)



Right hand cutting unit

Sub spindle rotation

Style: Left hand clamping unit
(Coromant Capto sleeve orientation)

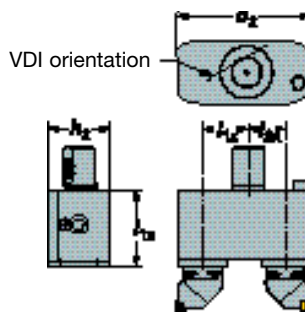


Left hand cutting unit

Sub spindle rotation

Mazak type 3 External turning

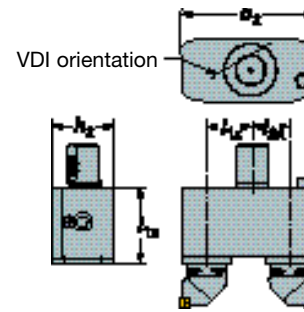
Style: Right hand clamping unit
(Coromant Capto sleeve orientation)



Main spindle rotation

Right hand cutting unit

Sub spindle rotation



Main spindle rotation

Left hand cutting unit

Sub spindle rotation

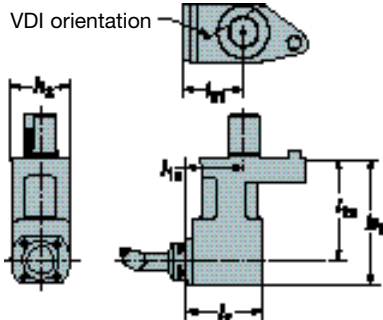
How to choose Mazak™ machine adapted clamping units

Mazak type 4 Internal turning

Style: Right hand clamping unit
(Coromant Capto sleeve orientation)

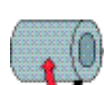


Main spindle rotation

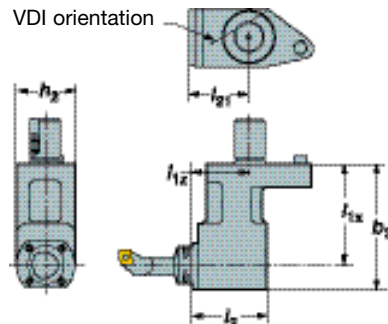


Right hand cutting unit

Style: Left hand clamping unit
(Coromant Capto sleeve orientation)



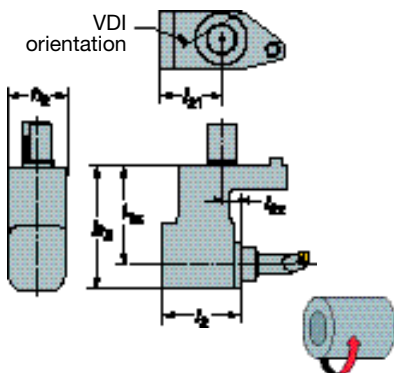
Main spindle rotation



Left hand cutting unit

Mazak type 5 Internal turning

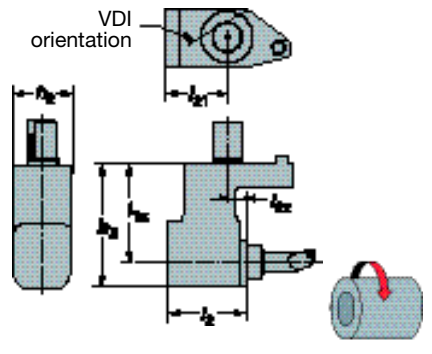
Style: Right hand clamping unit
(Coromant Capto sleeve orientation)



Right hand cutting unit

Sub spindle rotation

Style: Left hand clamping unit
(Coromant Capto sleeve orientation)



Left hand cutting unit

Sub spindle rotation

Note: For Multiplex machines, the VDI serrations are located on the opposite side of the shank, perpendicular to the coupling face.

How to choose Mazak™ machine adapted clamping units

Manually operated

Machine make and model number	Coupling size	Ordering code	Dimensions, inch, mm							Type
			b_2	h_2	l_{1x}	l_{1z}	l_{2z}	l_2	l_{21}	
Super Quick Turn 28, 30 12 station, 12 position Super Quick Turn 300M Nexus QTN-300M Nexus QTN-350M	C5	C5-R/LCE-SQT30-052130M	.650 174	3.937 100	5.118 130	2.047 52	–	–	–	1
		C5-R/LCE-SQT30-100130M SS	7.756 197	3.937 100	5.118 130	–	3.937 100	–	–	2
		C5-R/LCE-SQT30-000130M DT	8.504 216	3.937 100	5.118 130	2.047 52	3.937 100	–	–	3
		C5-R/LCI-SQT30-175073M	8.150 207	3.937 100	6.890 175	2.874 73	–	4.252 108	1.378 35	4
		C5-R/LCI-SQT30-180043M SS	8.346 212	3.937 100	7.087 180	–	1.692 43	4.055 103	1.378 60	5
Multiplex 410, 610, 615, 6100 12 station, 12 position Multiplex 6200Y 16 station, 16 position	C4	C4-R/LCE-MZ610-063090M	5.551 141	2.992 76	3.543 90	–	2.480 63	–	–	2
		C4-R/LCI-MZ610-120030M	5.669 144	2.992 76	4.724 120	–	1.181 30	3.465 88	2.283 58	5
Multiplex 6200, 6200Y Multiplex 4200 12 station, 12 position Multiplex 6250, 625 Multiplex 425 12 station, 12 position Multiplex 420, 620 12 station, 12 position (external turning only)	C4	C4-R/LCE-MZ6200-063100M	5.039 128	3.307 84	3.937 100	–	2.480 63	–	–	2
		C4-R/LCI-MZ6200-150018M	6.850 174	3.307 84	5.906 150	–	.709 18	3.465 88	2.756 70	5
	C5	C5-R/LCE-MZ6200-055100M	5.394 137	3.307 84	3.937 100	–	2.165 55	–	–	2
		C5-R/LCI-MZ6200-150033M	7.165 182	3.307 84	5.906 150	–	1.299 33	4.055 103	2.756 70	5
Multiplex 420, 620 12 station, 12 position	C4	C4-R/LCI-MZ620-140018M	6.457 164	3.307 84	5.512 140	–	.709 18	3.465 88	2.756 70	5
	C5	C5-R/LCI-MZ620-140033M	6.772 172	3.307 84	5.512 140	–	1.299 33	4.055 103	2.756 70	5
Multiplex 430, 630, 6300 12 station, 12 position	C5	C5-R/LCE-MZ630-090130M	7.283 185	3.937 100	5.118 130	–	3.543 90	–	–	2
		C5-R/LCI-MZ630-190040M	8.740 222	3.937 100	7.480 190	–	1.575 40	4.055 103	2.480 63	5
Super Quick Turn 200M, 250M 16 station, 16 position Super Quick Turn 10M, 100M 12 station, 12 position Nexus QTN-100M	C4	C4-R/LCE-SQT10-045090M	5.945 151	2.992 76	3.543 90	1.772 45	–	–	–	1
		C4-R/LCE-SQT10-063090M SS	5.394 137	2.992 76	3.543 90	–	2.480 63	–	–	2
		C4-R/LCI-SQT10-000090M DT	6.142 156	2.992 76	3.543 90	1.772 45	2.480 63	–	–	3
		C4-R/LCI-SQT10-110061M	5.276 134	2.992 76	4.331 110	2.402 61	–	3.465 88	1.063 27	4
		C4-R/LCI-SQT10-110015M SS	5.276 134	2.992 76	4.331 110	–	.591 15	3.465 88	2.874 73	5
Super Quick Turn 200M, 250M Super Quick Turn 15, 18 12 station, 12 position Quick Turn 150M, 200M, 250M Nexus	C4	C4-R/LCE-SQT250-061099M	6.662 170	3.307 84	3.898 99	2.402 61	–	–	–	1
		C4-R/LCE-SQT250-058099M SS	5.512 140	3.307 84	3.898 99	–	2.283 58	–	–	2
		C4-R/LCE-SQT250-000099M DT	6.929 176	3.307 84	3.898 99	2.402 61	2.008 51	–	–	3
		C4-R/LCI-SQT250-140076M	6.457 164	3.307 84	5.512 140	2.992 76	–	3.504 89	.512 13	4
		C4-R/LCI-SQT250-140020M SS	6.457 164	3.307 84	5.512 140	–	.787 20	3.543 90	2.756 70	5
	C5	C5-R/LCE-SQT250-061102M	7.008 178	3.307 84	4.016 102	2.402 61	–	–	–	1
		C5-R/LCE-SQT250-050102M SS	5.512 140	3.307 84	4.016 102	–	1.969 50	–	–	2
		C5-R/LCE-SQT250-000102M DT	6.929 176	3.307 84	4.016 102	2.402 61	2.008 51	–	–	3
		C5-R/LCI-SQT250-140079M	6.772 172	3.307 84	5.512 140	3.110 79	–	4.055 103	.945 24	4
		C5-R/LCI-SQT250-140023M SS	6.772 172	3.307 84	5.512 140	–	.906 23	4.055 103	3.150 80	5

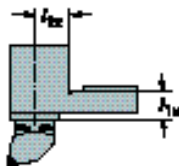
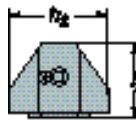
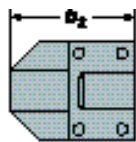
A General Turning
 B Parting and Grooving
 C Threading
 D Milling
 E Drilling
 F Boring
 G Toolholding Systems
 H Multi-Task Machining
 I General Information



How to choose Mazak™ machine adapted clamping units

Mazak type 6 External turning

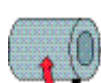
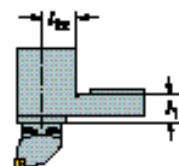
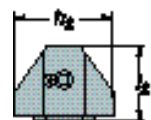
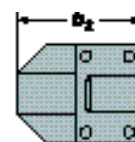
Style: Right hand clamping unit
(Coromant Capto sleeve orientation)



Main spindle rotation

Right hand cutting unit

Style: Left hand clamping unit
(Coromant Capto sleeve orientation)

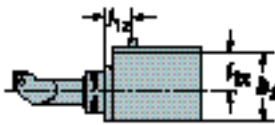
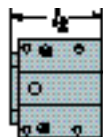


Main spindle rotation

Left hand cutting unit

Mazak type 7 Internal turning

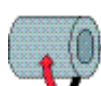
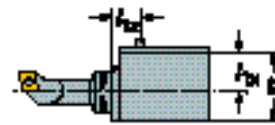
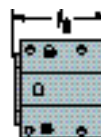
Style: Right hand clamping unit
(Coromant Capto sleeve orientation)



Main spindle rotation

Right hand cutting unit

Style: Left hand clamping unit
(Coromant Capto sleeve orientation)

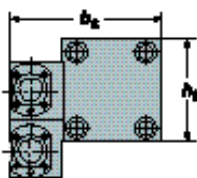
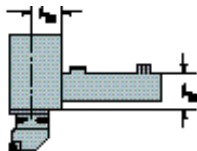


Main spindle rotation

Left hand cutting unit

Mazak type 8 External turning

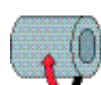
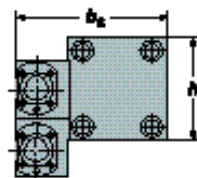
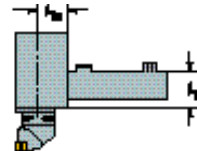
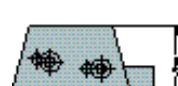
Style: Right hand clamping unit
(Coromant Capto sleeve orientation)



Main spindle rotation

Right hand cutting unit

Style: Left hand clamping unit
(Coromant Capto sleeve orientation)



Main spindle rotation

Left hand cutting unit

How to choose Mazak™ machine adapted clamping units

Manually operated

Machine make and model number	Coupling size	Ordering code	Dimensions, inch, mm					Type
			b_2	h_2	l_{1x}	l_{1z}	l_2	
Nexus QTN 150, 200, 250, 300, 350	C4	C4-R/LCE-QT18-035030M	6.260 159	4.488 114	1.181 30	1.378 35	3.465 88	6
		C4-R/LCI-QT18-050025M	2.913 74	4.488 114	1.969 50	.984 25	4.134 105	7
	C5	C5-R/LCE-QTN200-060020M	7.559 192	4.488 114	.787 20	2.362 60	4.449 113	6
		C5-R/LCI-QT18-050028M	3.228 82	4.488 114	1.969 50	1.102 28	4.252 108	7
Quick Turn 28, 30 8 station, 16 position	C4	C4-R/LCE-QT30-038035M TT	5.984 152	5.197 132	1.378 35	1.496 38	4.134 105	8
		C4-R/LCI-QT30-055030M	3.110 79	5.197 132	2.165 55	1.181 30	4.606 117	7
		C4-R/LCE-QT30-038035M	5.984 152	5.197 132	1.378 35	1.496 38	3.504 89	6
	C5	C5-R/LCE-QT30-045038M	6.574 167	5.197 132	1.496 38	1.772 45	4.055 103	6
		C5-R/LCI-QT30-055032M	3.425 67	5.197 132	2.165 55	1.260 32	4.685 119	7
		C5-R/LCE-QT40-038050M TT	7.205 183	4.961 126	1.969 50	1.496 38	3.937 100	8
Quick Turn 35, 40 12 station, 24 position	C5	C5-R/LCE-QT40-044045M	7.756 197	4.961 126	1.772 45	1.732 44	4.055 103	6
		C5-R/LCI-QT40-050038M	3.228 82	4.961 126	1.969 50	1.496 38	5.433 138	7
	C4	C4-R/LCE-QT40-038050M TT	7.205 183	4.961 126	1.969 50	1.496 38	3.937 100	8
Slant Turn 50 Slant Turn 450 (internal only)	C5	C5-R/LCE-ST50-017095M	8.740 222	5.669 144	3.740 95	.669 17	4.134 105	6
		C5-R/LCI-ST50-080045M	4.409 112	5.669 144	5.150 80	1.772 45	6.693 170	7
	C6	C6-R/LCE-ST50-022100M	9.331 237	5.669 144	5.937 100	.866 22	5.118 130	6
		C6-R/LCI-ST50-080046M	4.803 122	5.669 144	3.150 80	1.811 46	6.732 171	7
Slant Turn 450	C5	C5-R/LCE-ST450-055080M	8.346 212	5.669 144	3.150 80	2.165 55	3.937 100	6
Slant Turn 60, 80	C5	C5-R/LCE-ST60-050050M	10.315 262	6.614 168	1.969 50	1.969 50	4.646 118	6
		C5-R/LCI-ST60-100070M	5.197 132	6.614 168	3.937 100	2.756 70	8.071 205	7
	C6	C6-R/LCE-ST60-060051M	11.102 282	6.614 168	2.008 51	2.362 60	5.157 131	6
		C6-R/LCI-ST60-100071M	5.591 142	6.614 168	3.937 100	2.795 71	8.110 206	7

A

General Turning

B

Parting and Grooving

C

Threading

D

Milling

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I

General Information

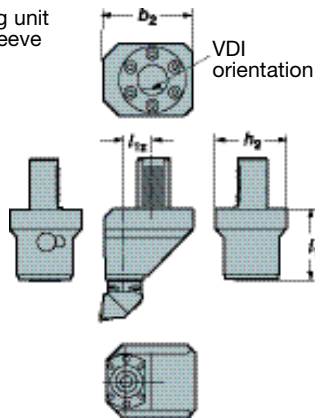


How to choose Mori Seiki machine adapted clamping units

Manually operated

Mori Seiki type 1 – External turning

Style: Right hand clamping unit (Coromant Capto sleeve orientation)

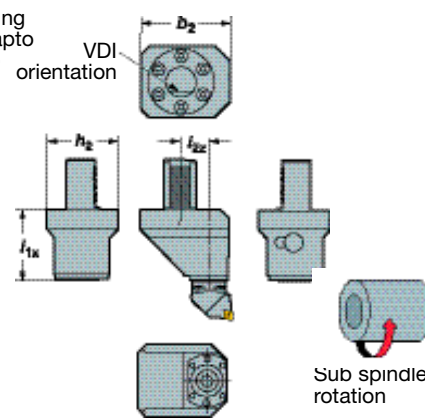


Main spindle rotation

Right hand cutting unit

Mori Seiki type 2 – External turning

Style: Right hand clamping unit (Coromant Capto sleeve orientation)

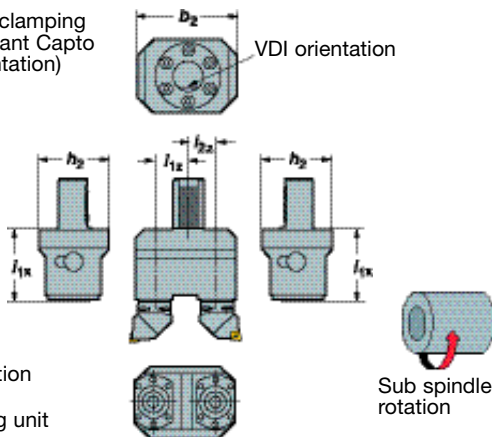


Right hand cutting unit

Sub spindle rotation

Mori Seiki type 3 – External turning

Style: Right hand clamping unit (Coromant Capto sleeve orientation)



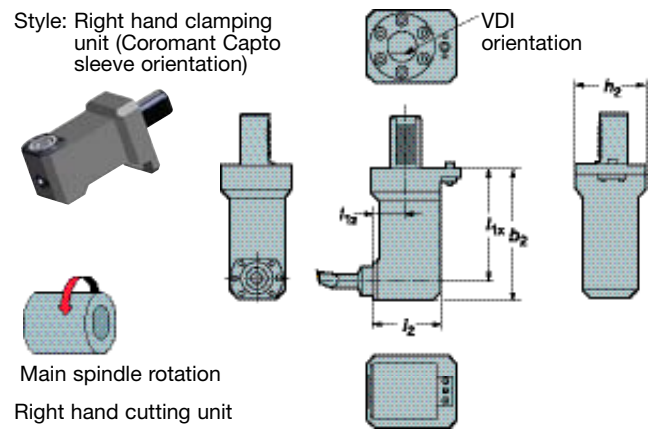
Main spindle rotation

Right hand cutting unit

Sub spindle rotation

Mori Seiki type 4 – Internal turning

Style: Right hand clamping unit (Coromant Capto sleeve orientation)

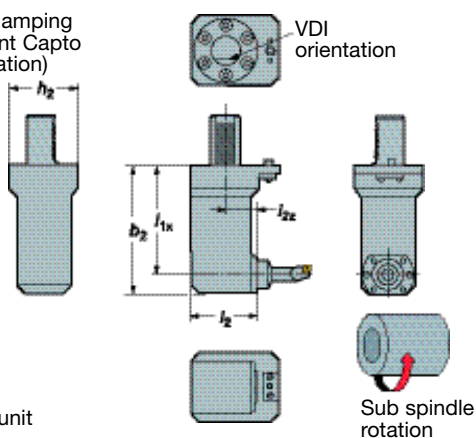


Main spindle rotation

Right hand cutting unit

Mori Seiki type 5 – Internal turning

Style: Right hand clamping unit (Coromant Capto sleeve orientation)



Right hand cutting unit

Sub spindle rotation

Machine make and model number	Coupling size	Ordering code	Dimensions, inch, mm						Type
			b_2	h_2	l_{1x}	l_{1z}	l_2	l_{2z}	
MT2000 & MT2500 Z & SZ Turret 2 & ZT2500 Turrets 1 & 2	C4	C4-R/LCI-MT2000-140043	6.457 164	3.543 90	5.512 140	1.630 43	3.425 87	–	4
		C4-R/LCI-MT2000-140043 SS	6.457 164	3.543 90	5.512 140	–	3.346 85	1.630 43	5
		C4-R/LCE-MT2000-037088¹⁾	4.370 111	3.543 90	3.465 88	1.457 37	–	–	1
		C4-R/LCE-MT2000-043088 SS¹⁾	4.606 117	3.543 90	3.465 88	–	–	1.630 43	2
		C4-R/LCE-MT2000-000088 DT¹⁾	5.039 128	3.543 90	3.465 88	1.457 37	–	1.630 43	3

¹⁾ Max turn diameter with these holders = \varnothing 334

Clamping units for Mori Seiki CNC lathes

Manually operated

Type 6

Style: Right hand clamping unit
(Coromant Capto sleeve orientation)

Main spindle rotation
Right hand cutting unit

Style: Left hand clamping unit
(Coromant Capto sleeve orientation)

Main spindle rotation
Left hand cutting unit

Type 7

Style: Right hand clamping unit
(Coromant Capto sleeve orientation)

Main spindle rotation
Right hand cutting unit

Style: Left hand clamping unit
(Coromant Capto sleeve orientation)

Main spindle rotation
Left hand cutting unit

Machine make and model number	Coupling size	Ordering code	Dimensions, inch, mm					Type
			b_2	h_2	l_{1x}	l_{1z}	l_2	
SL150, SL153, SL154	C4	C4-R/LCE-SL150-035037	5.433 138	6.465 88	1.457 37	1.378 35	3.583 91	6
CL15, CL150, CL1500 DL15, DL151 SL15, SL150 ZL15, ZL150, ZL153	C4	C4-R/LCI-SL150-035012	2.323 59	3.465 88	1.378 35	.472 12	3.583 91	7
		C4-R/LCI-SL150-035060	2.323 59	3.465 88	1.378 35	2.362 60	5.472 139	7
SL200, SL203, SL204, SL250, SL253, SL300, SL303, SL2500	C4	C4-R/LCE-SL250-033043	5.709 145	4.016 102	1.693 43	1.299 33	3.701 94	6
	C5	C5-R/LCE-SL250-045043	6.496 165	4.016 102	1.693 43	1.772 45	4.094 104	6
CL20, CL200, CL25, CL253, CL2000 SL20, SL25, SL200, SL250, SL300 ZL20, ZL200, ZL203, ZL25, ZL250, ZL253	C4	C4-R/LCI-SL250-040014	2.520 64	4.016 102	1.575 40	.551 14	4.016 102	7
		C4-R/LCI-SL250-040053²⁾	2.520 64	4.016 102	1.575 40	2.087 53	5.551 141	7
	C5	C5-R/LCI-SL250-040014	2.835 72	4.016 102	1.575 40	.551 14	4.016 102	7
		C5-R/LCI-SL250-040072²⁾	2.835 72	4.016 102	1.575 40	2.835 72	6.299 160	7
SL35, ZL35	C5	C5-R/LCI-SL35-040015	2.835 72	4.646 118	1.575 40	.591 15	4.882 124	7
		C5-R/LCE-SL35-045050	7.323 186	4.646 118	1.969 50	1.772 45	3.937 100	6
SL400 ¹⁾ , SL403 ¹⁾	C5	C5-R/LCE-SL400-045050	8.228 209	5.197 132	1.969 50	1.772 45	3.937 100	6
SL45, SL400 ¹⁾ ZL45	C5	C5-R/LCI-SL400-050016	3.228 82	5.197 132	1.969 50	.630 16	5.827 148	7
	C6	C6-R/LCI-SL400-050016	3.622 92	5.197 132	1.969 50	.630 16	5.827 148	7
SL65, SL600 ¹⁾ , SL603, SL75	C6	C6-R/LCI-SL600-050015	3.622 92	5.512 140	1.969 50	.591 15	6.890 175	7

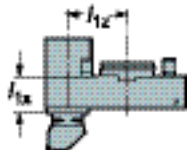
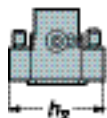
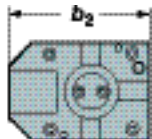
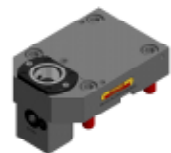
¹⁾ For static turret only

²⁾ Extended length



Clamping units for Mori Seiki – NL and NT series

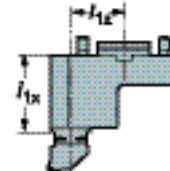
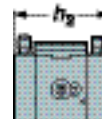
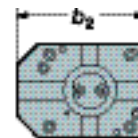
Type 1



Main spindle rotation
Right hand cutting unit

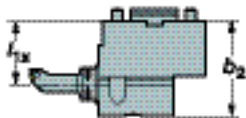
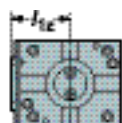
For max turning diameter.

Type 2



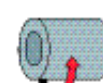
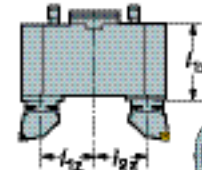
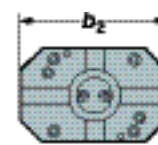
Main spindle rotation
Right hand cutting unit

Type 3



Main spindle rotation
Right hand cutting unit

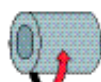
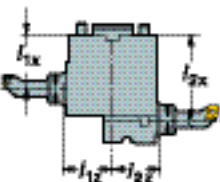
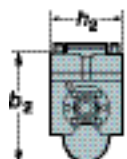
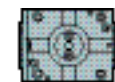
Type 4



Main spindle rotation
Right hand cutting unit

Sub spindle rotation

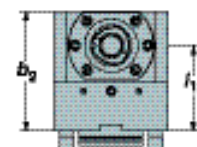
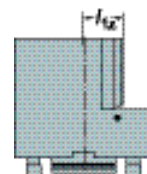
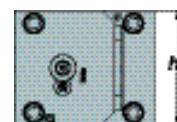
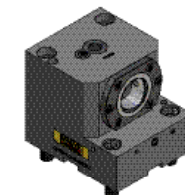
Type 5



Main spindle rotation
Right hand cutting unit

Sub spindle rotation

Type 6



Main spindle rotation
Right hand cutting unit

Clamping units for Mori Seiki – NL and NT series

Machine make and model number	Coupling size	Ordering code	Dimensions, inch, mm						Type
			b_2	h_2	l_{1x}	l_{1z}	l_{2x}	l_{2z}	
NL 1500 NL 2000 NL 2500 NL 3000	C4	C4-R/LCE-NL2000-061089A¹⁾	5.905 150	4.252 108	3.504 89	2.401 61	–	–	2
		C4-R/LCE-NL2000-0680405A	6.181 157	4.252 108	1.594 40.5	2.677 68	–	–	1
		C4-R/LCI-NL2000-080075A¹⁾	4.724 120	4.252 108	3.150 80	2.952 75	–	–	3
		C4-R/LCE-NL2000-061089ADT	6.693 170	4.252 108	3.504 89	2.401 61	–	2.401 61	4
		C4-R/LCI-NL2000-125075ADT	6.260 159	4.252 108	3.150 80	2.952 75	4.921 125	2.756 70	5
	C5 ²⁾	C5-R/LCE-NL3000-086053A	7.205 183	4.252 108	2.087 53	3.386 86	–	–	1
		C5-R/LCE-NL3000-076098A¹⁾	6.811 173	4.252 108	3.858 98	2.992 76	–	–	2
		C5-R/LCI-NL3000-080037A¹⁾	4.409 112	4.252 108	3.150 80	1.457 37	–	–	6
		C5-R/LCI-NL3000-080075A¹⁾	4.409 112	4.252 108	3.150 80	2.952 75	–	–	3
		NT 4200 NT 4250 NT 4300	C4	C4-R/LCI-NT4200-120075A¹⁾³⁾	4.724 120	2.953 75	–	–	–
C4-R/LCI-NT4200-120075ADT¹⁾³⁾	4.724 120			2.953 75	4.724 120	2.953 75	–	–	5
C5	C5-R/LCI-NT4200-120075A¹⁾³⁾		4.724 120	2.953 75	–	–	–	–	3
	C5-R/LCI-NT4200-120037A¹⁾³⁾		4.724 120	1.457 37	–	–	–	–	6

¹⁾ Types 2, 3 and 6 are reversible to address main or subspindle.
When addressing subspindle, use caution with tool overhang.

²⁾ C5 version is square body without clearance contours.

³⁾ Weight of NT4200 clamping units is approximately 26lbs.



How to choose Daewoo™ machine adapted clamping units

<p>Type 1</p> <p>Main spindle rotation Right hand cutting unit</p> <p>For max turning diameter.</p>	<p>Type 2</p> <p>Main spindle rotation Right hand cutting unit</p>
<p>Type 3</p> <p>Main spindle rotation Right hand cutting unit</p>	<p>Type 4</p> <p>Main spindle rotation Right hand cutting unit</p> <p>Sub spindle rotation</p>
<p>Type 5</p> <p>Main spindle rotation Right hand cutting unit</p>	<p>Type 6</p> <p>Right hand cutting unit</p> <p>Sub spindle rotation</p>

Clamping units for Daewoo™ CNC lathes

Manually operated

Machine make and model number	Tool description	Coupling size	Ordering code	Dimensions, mm						Type
				b_2	h_2	l_{1x}	l_{1z}	l_{2x}	l_{2z}	
Daewoo Puma 230M, 240M (BMT55 Turret)	Turning holder	C4	C4-R/LCE-PU230M-036040	155	85	40	36	–	–	1
	Boring holder		C4-R/LCI-PU230M-070014	94	85	70	14	–	–	2
	Turning holder	C5	C5-R/LCE-PU230M-048030	175	85	30	48	–	–	1
	Boring holder		C5-R/LCI-PU230M-060018	92	85	60	18	–	–	2
Daewoo Puma 300 M, LM, MS (BMT65 Turret)	Turning holder	C4	C4-R/LCE-PU300-020060	149	97	60	20	–	–	1
	Boring holder		C4-R/LCI-PU300M-072012	96	95	72	12	–	–	2
Daewoo Puma 400A, 400B, 400LA, 400LB	Boring holder	C5	C5-R/LCI-PU400-040016	72	120	16	40	–	–	2
	Turning holder		C5-R/LCE-PU400-045043	169	120	43	45	–	–	1
	Boring holder	C6	C6-R/LCI-PU400-042027	84	120	42	27	–	–	2
	Turning holder		C6-R/LCE-PU400-044044	178	120	44	44	–	–	1
Daewoo Puma 400MA, 400MB, 400LMA, 400LMB	Turning holder	C4	C4-R/LCE-PU400MB-035040	174	112	40	35	–	–	1
	Boring holder		C4-R/LCI-PU400MB-060050	84	112	60	50	–	–	2
	Turning holder	C5	C5-R/LCE-PU400MB-045040	192	112	40	45	–	–	1
	Boring holder		C5-R/LCI-PU400MB-060050	92	112	60	50	–	–	2
Daewoo Puma 600, 600L, 700, 700L, 800, 800L	Turning holder	C5	C5-R/LCE-PU600-043050	225	140	50	43	–	–	1
	Boring bar holder		C5-R/LCI-PU600-060014	92	140	60	14	–	–	2
	Turning holder	C6	C6-R/LCE-PU600-058045	250	140	45	58	–	–	1
	Boring bar holder		C6-R/LCI-PU600-060015	102	140	60	15	–	–	2
Daewoo Puma 600M, 600LM, 700M, 700LM, 800M, 800LM	Turning holder	C5	C5-R/LCE-PU600M-043035	215	130	35	43	–	–	1
	Boring bar holder		C5-R/LCI-PU600M-085055	117	130	85	55	–	–	2
	Turning holder	C6	C6-R/LCE-PU600M-043036	225	130	36	43	–	–	1
	Boring bar holder		C6-R/LCI-PU600M-085056	127	130	85	56	–	–	2
Daewoo Puma V550 8 station & 10 station turrets	Boring holder	C5	C5-R/LCI-PUV550-050040	82	140	50	40	–	–	2
	Turning holder		C5-R/LCE-PUV550-045040	206	140	40	45	–	–	1
Daewoo Puma MX2000ST Daewoo Puma MX2500ST (BMT65 Turret)	Double turning holder	C4	C4-R/LCE-MX2000-000080 DT	159	97	80	118	80	8	4
	Turning holder (main & sub-spindle)		C4-R/LCE-MX2000-008080	137	97	80	8	–	–	3
	Boring holder		C4-R/LCI-MX2000-115075	139	97	115	75	–	–	5
	Boring holder		C4-R/LCI-MX2000-115015 SS	139	97	–	–	115	15	6



Clamping units for Okuma CNC lathes

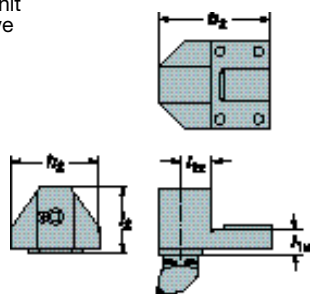
Manually operated

Type 6

Style: Right hand clamping unit
(Coromant Capto sleeve orientation)

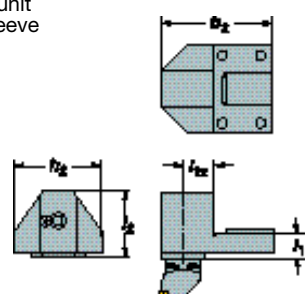
Main spindle rotation

Right hand cutting unit

Style: Left hand clamping unit
(Coromant Capto sleeve orientation)

Main spindle rotation

Left hand cutting unit

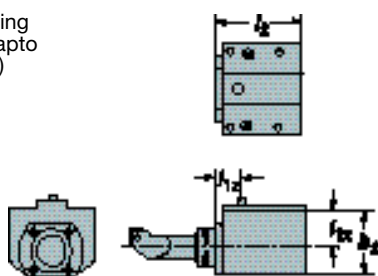


Type 7

Style: Right hand clamping unit
(Coromant Capto sleeve orientation)

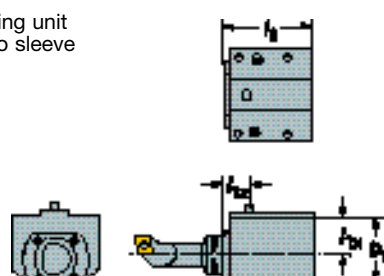
Main spindle rotation

Right hand cutting unit

Style: Left hand clamping unit
(Coromant Capto sleeve orientation)

Main spindle rotation

Left hand cutting unit



Dimensions, inch, mm

Machine make and model number	Coupling size	Ordering code	Dimensions, inch, mm					Type
			b_2	h_2	l_{1x}	l_{1z}	l_2	
L370, LU15 LB300, Captain	C4	C4-R/LCI-LU15-030014	2.126	4.016	1.181	.551	3.583	7
			54	102	30	14	91	
L470, LU25 LB15 II, LB25 II LB15, LB25, LB400 Cadet Crown	C4	C4-R/LCI-LU25-040014	2.520	4.016	1.575	.551	3.976	7
			64	102	40	14	101	
	C5	C4-R/LCE-LU25-035037	5.478	4.016	1.457	1.378	3.583	6
			146	102	37	35	91	
	C5	C5-R/LCI-LU25-040014	2.835	4.016	1.575	.551	3.976	7
			72	102	40	14	101	
	C5	C5-R/LCE-LU25-045043	6.063	4.016	1.693	1.772	4.094	6
			154	102	43	45	104	
LU35 LB35 II	C5	C5-R/LCI-LU35-040016	2.835	4.724	1.575	.630	5.079	7
			72	120	40	16	129	
	C5	C5-R/LCE-LU35-050025	7.480	4.724	1.693	1.772	4.094	6
			190	120	43	45	104	
	C5	C5-R/LCI-LU45-050018	3.228	5.512	1.969	.709	5.158	7
			82	140	50	18	131	
	C5	C5-R/LCE-LU45-045055	7.480	5.512	2.165	1.772	4.173	6
			190	140	55	45	106	
LU45 LB45 II	C6	C6-R/LCI-LU45-050018	3.622	5.512	1.969	.709	5.158	7
			92	140	50	18	131	



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How to choose clamping units for specific CNC lathes

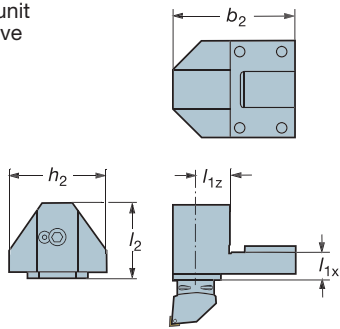
Type 6 External turning

Style: Right hand clamping unit
(Coromant Capto sleeve orientation)

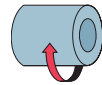


Main spindle rotation

Right hand cutting unit

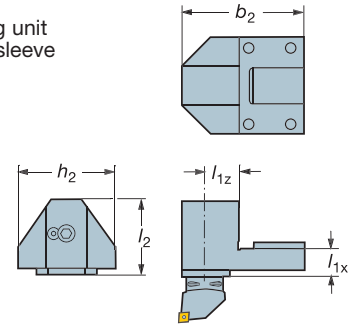


Style: Left hand clamping unit
(Coromant Capto sleeve orientation)



Main spindle rotation

Left hand cutting unit



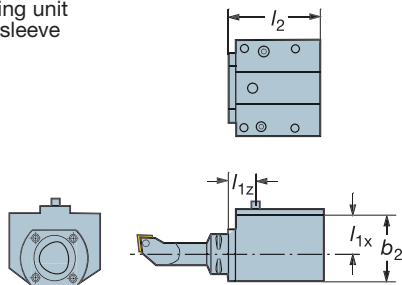
Type 7 Internal turning

Style: Right hand clamping unit
(Coromant Capto sleeve orientation)

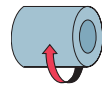


Main spindle rotation

Right hand cutting unit

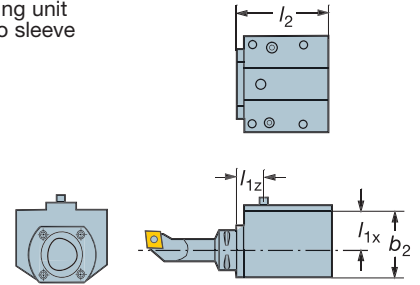


Style: Left hand clamping unit
(Coromant Capto sleeve orientation)



Main spindle rotation

Left hand cutting unit



Clamping units for specific CNC lathes

Manually operated

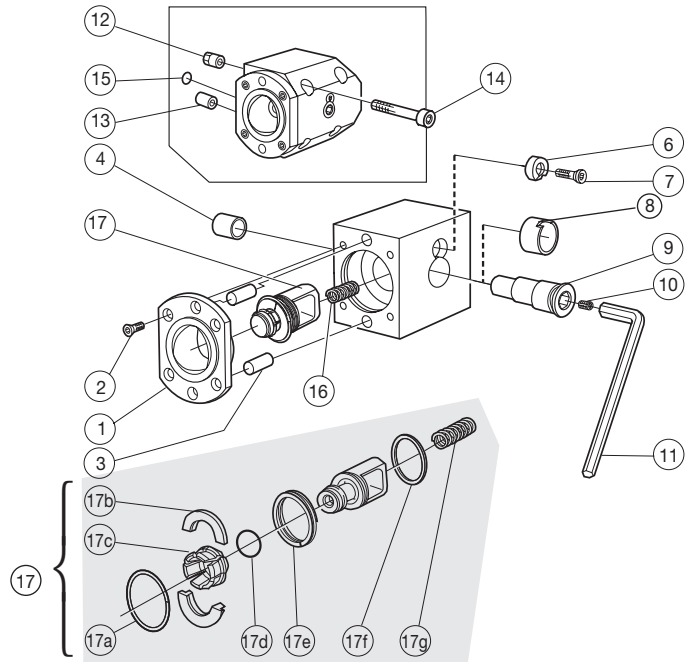
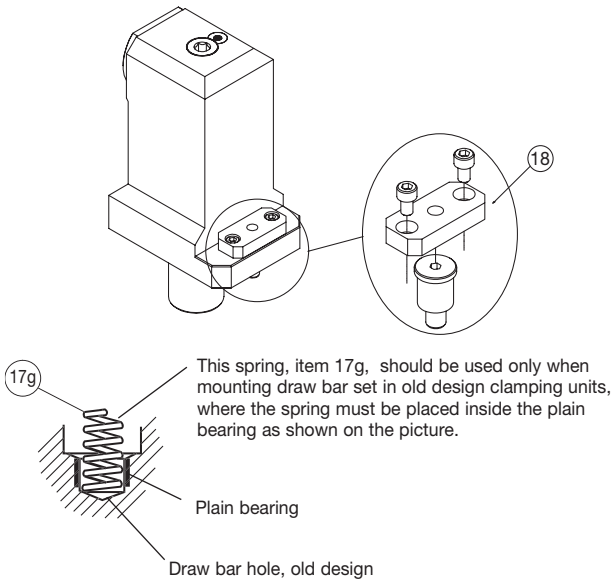
Machine make and model number	Coupling size	Ordering code	Dimensions, inch, mm					Type
			b_2	h_2	l_{1x}	l_{1z}	l_2	
Hardinge Conquest T42 12 station, 12 position	C4	C4-R/LCI-CNQT42-024010	1.890 48	3.465 88	.945 24	.394 10	3.386 86	7
Hardinge Conquest T51, T65 Conquest VT100, VT200 12 station, 12 position	C4	C4-R/LCI-CNQT51-038012	2.445 62.1	4.094 104	1.500 38.1	1.472 37.4	4.016 102	7
	C5	C5-R/LCI-CNQT51-038012	2.760 70.1	4.094 104	1.500 38.1	1.472 37.4	4.016 102	7
Haas SL20, 30	C4	C4-R/LCI-HSSL20-125012	5.534 136	4.016 102	1.250 31.75	.472 12	3.504 89	7
		C4-R/LCE-HSSL20-035027	5.354 136	4.016 102	1.063 27	1.378 35	3.307 84	6
Haas SL40	C4	C4-R/LCI-HSSL40-040012	2.520 64	5.276 134	1.575 40	.472 12	–	7
		C4-R/LCE-HSSL40-040025	5.906 150	5.276 134	.984 25	1.575 40	–	6
	C5	C5-R/LCI-HSSL40-040014	2.835 72	5.276 134	1.575 40	.551 14	–	7
		C5-R/LCE-HSSL40-048027	7.717 196	5.276 134	1.063 27	1.890 48	–	6
Fuji ANW 30T/41T, ANW 3000/4100	C4	C4-R/LCI-ANW30-035005A	2.520 64	4.134 105	1.378 35	.197 5	3.543 90	7

Ordering example: 2 pieces **C4-RCI-CNQT42-024010**
C4-LCI-CNQT42-024010

R=Right hand, L=Left hand

Manually operated clamping units

Types: **Mazak** **Haas**
Mori Seiki **Fuji**
Okuma **Daewoo**
Hardinge **Pre-setting clamping units**



	1	2	3	4	6	7		
Size	Sleeve	Screw (4x)	Pin	Plain bearing	Locking washer	Screw		
C3	5252 010-01	416.1-834	3111 020-558	3823 010-101	5541 030-01	416.1-834		
C4	5252 010-02	5513 020-26	3111 020-610	3823 010-122	5541 030-02	416.1-834		
C5	5252 010-03	5513 020-14	3111 020-661	3823 010-162	5541 030-03	5513 020-14		
C6	5252 010-04	3213 010-410	3111 020-715	3823 010-183	5541 030-04	5513 020-14		
C8	5252 010-05	3213 010-462	3111 020-769	3823 010-225	5541 030-05	5513 020-14		
	8	9	10	11 ¹⁾	12	13	14	
Size	Plain bearing	Cam shaft	Screw	Key (Size,mm)	Locating pin	Dowel pin	Screw	
C3	5638 022-01	5333 025-01	3214 010-355	3021 013-080 (8.0)	5552 063-05	5552 061-07	3212 010-363	
C4	5638 022-02	5333 025-02	3214 010-355	5680 010-03 (10.0)	5552 063-07	5552 061-09	3212 010-414	
C5	5638 022-03	5333 025-03	3214 010-355	5680 010-04 (12.0)	5552 063-06	5552 061-08	3212 010-466	
C6	5638 022-04	5333 025-04	3214 010-355	5680 010-04 (12.0)	5552 063-03	5552 061-05	3212 010-469	
C8	5638 022-05	5333 025-05	3214 010-355	5680 010-04 (12.0)	5552 063-04	5552 061-06	3212 010-521	
	15	16	17	18				
Size	O-ring	Compression spring	Draw bar set	Cam pin set				
C3	5641 001-22	5561 001-71	5461 100-101	-				
C4	3671 010-114	5561 001-41	5461 100-111	CPS-10				
C5	3671 010-114	5561 001-41	5461 100-121	-				
C6	3671 010-119	5561 001-41	5461 100-131	-				
C8	3671 010-119	5561 001-41	5461 100-141	-				
	Draw bar set parts							
	17a	17b	17c	17d	17e	17f	17g	
Size	Spiral retaining ring	Holder set (set of 2)	Segment (set of 6)	O-ring	Flat wire spring	O-ring	Compression spring	
C3	5545 039-01	5546 001-16	5549 120-08	5641 005-01	5561 015-02	5641 005-15	5561 001-81	
C4	5545 039-02	5546 001-20	5549 120-06	5641 005-05	5561 015-03	5641 005-19	5561 001-82	
C5	5545 039-03	5546 001-17	5549 120-07	5641 005-06	5561 015-04	5641 005-16	5561 001-83	
C6	5545 039-04	5546 001-18	5549 120-04	5641 005-04	5561 015-05	5641 005-17	5561 001-83	
C8	5545 039-05	5546 001-19	5549 120-05	5641 005-07	5561 015-07	5641 005-18	5561 001-84	

¹⁾ Accessories, delivered to separate order.

Ordering example: 2 pieces 5252 010-01