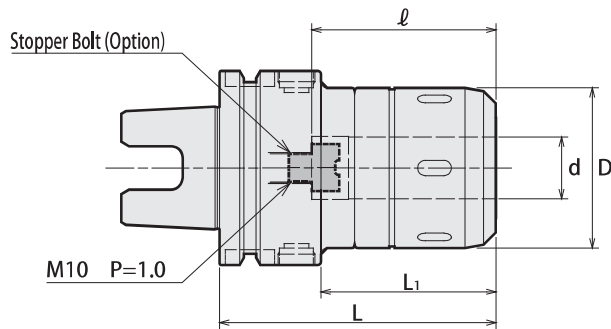


CT·SA

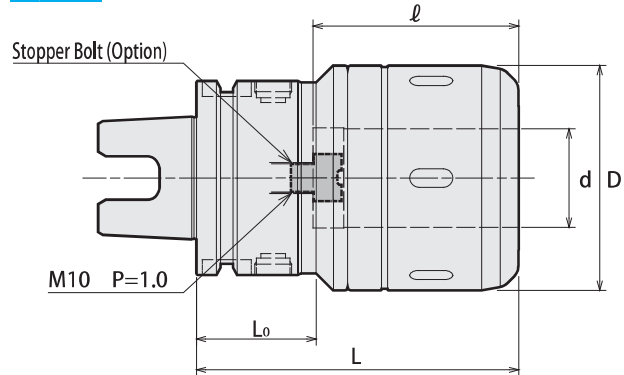
Super Tite-Lock Milling Chuck

- Slim design milling chuck. Specially designed slits enable heavy endmilling.

Type1



Type2



Caution

Please rotate the clamping ring counterclockwise more than 360 degrees after a cutting tool is removed.

Metric Sizes

Unit : Metric

Code	Model	Type	d	D	L	L ₁	ℓ	L ₀	Max. min ⁻¹	kg	Spanner ¹
1360 41116090	UTS5040 -CT16SA - 90 -H *1	1	16	45	90	60	60	-	16,000	1.1	HS-1-16
1360 41120090	UTS5040 -CT20SA - 90 -H *1	2	20	52	90	60	60	35	14,000	1.3	HS-2-20
1360 41120105	- 105 -H *1	2	20	52	105	75	75	50	12,000	1.5	
1360 41125105	UTS5040 -CT25SA - 105 -H *1	2	25	61	105	75	75	35	10,000	1.8	HS-2.5-25
1360 4※216090	UTS6350 -CT16SA - 90 (-H)	1	16	45	90	57	65	-	20,000	1.5	HS-1-16
1360 4※220090	UTS6350 -CT20SA - 90 (-H) *1	1	20	52	90	57	65	-	18,000	1.6	
1360 4※220105	- 105 (-H)	1	20	52	105	72	75	-	17,000	1.8	HS-2-20
1360 4※220135	- 135 (-H)	1	20	52	135	102	80	-	15,000	2.2	
1360 4※225105	UTS6350 -CT25SA - 105 (-H)	1	25	61	105	72	75	-	15,000	2.1	
1360 4※225120	- 120 (-H)	1	25	61	120	87	75	-	14,000	2.5	HS-2.5-25
1360 4※225135	- 135 (-H)	1	25	61	135	102	80	-	12,000	2.8	
1360 4※232105	UTS6350 -CT32SA - 105 (-H) *1	2	32	73	105	72	80	39	11,000	2.5	
1360 4※232120	- 120 (-H) *1	2	32	73	120	87	90	54	10,000	2.8	HS-3-32
1360 4※232150	- 150 (-H) *1	2	32	73	150	117	120	84	10,000	3.3	
1360 4※316090	UTS10080 -CT16SA - 90 (-H)	1	16	45	90	56	65	-	12,500	3.0	HS-1-16
1360 4※316105	- 105 (-H)	1	16	45	105	71	65	-	12,500	3.4	
1360 4※320090	UTS10080 -CT20SA - 90 (-H) *1	1	20	52	90	56	65	-	12,500	3.2	
1360 4※320105	- 105 (-H) *1	1	20	52	105	71	70	-	12,500	3.5	HS-2-20
1360 4※320120	- 120 (-H)	1	20	52	120	86	80	-	12,500	3.9	
1360 4※320135	- 135 (-H)	1	20	52	135	101	80	-	12,500	4.2	
1360 4※320150	- 150 (-H)	1	20	52	150	116	80	-	12,500	4.6	
1360 4※325105	UTS10080 -CT25SA - 105 (-H) *1	1	25	61	105	71	70	-	12,500	3.8	
1360 4※325120	- 120 (-H)	1	25	61	120	86	80	-	12,500	4.1	HS-2.5-25
1360 4※325135	- 135 (-H)	1	25	61	135	101	80	-	12,500	4.5	
1360 4※325150	- 150 (-H)	1	25	61	150	116	80	-	12,500	5.0	
1360 4※332105	UTS10080 -CT32SA - 105 (-H) *1	1	32	73	105	71	70	-	12,000	4.2	
1360 4※332120	- 120 (-H) *1	1	32	73	120	86	85	-	12,000	4.6	HS-3-32
1360 4※332135	- 135 (-H) *1	1	32	73	135	101	100	-	12,000	5.0	
1360 4※332150	- 150 (-H) *1	1	32	73	150	116	115	-	12,000	5.4	
1360 4※342120	UTS10080 -CT42SA - 120 (-H) *1	1	42	88	120	86	85	-	10,000	5.4	
1360 4※342135	- 135 (-H) *1	1	42	88	135	101	100	-	10,000	6.0	HS-4-42
1360 4※342150	- 150 (-H) *1	1	42	88	150	116	110	-	10,000	6.6	
1360 4※342165	- 165 (-H) *1	1	42	88	165	131	120	-	10,000	7.2	

When placing an order, please specify high or low pressure. For high pressure type, please add (-H) on end of the description.

In the Item Code, replace the □ with 1 to indicate high pressure, and 0 to indicate low pressure.

1. When ordering, indicate number of spanners required. "Complimentary" spanners are limited to number of milling chucks on order.
2. Tolerance of cutting tool shank must be h7.
3. Only high pressure type is available for UTS5040.
4. Permissible speed is greatly affected by the stiffness of the machine spindle and the balance of the cutting tool.
Gradually increase from a low speed, and use at the proper speed.
5. Stopper bolts are sold separately.

Accessories

Models with *1 cannot be used with some accessories due to short ℓ length.

	Stopper Bolt 	Straight Collet 
	BL (P. 17)	MC (P. 16)
*1	BL16 only	○

Clamper
HCL
P. 23



Min. insertion length

Without MC collet (Direct chucking)

I.D. of Milling Chuck	Min. insertion length
16mm, 20mm	40mm (1.575")
25mm, 32mm, 42mm	50mm (1.969")

With MC collet

Collet I.D.	Min. insertion length	
	MC	MC-C, MC-OH
6mm, 8mm	30mm (1.181")	30mm (1.181")
10mm, 12mm	40mm (1.575")	40mm (1.575")
16mm, 18mm, 20mm	45mm (1.772")	45mm (1.772")
25mm	50mm (1.969")	50mm (1.969")
32mm	50mm (1.969")	60mm (2.362")

Ordering Example

Low pressure type

0 ~ 1.0MPa (UTS10080 : 0 ~ 2.0MPa)

UTS6350 -CT 32 SA- 105
Shank size I.D. Projection length

Ordering Example

High pressure type

1.1 ~ 7.0MPa (UTS10080 : 2.1 ~ 7.0MPa)

UTS6350 -CT 32 SA- 105 - H
Shank size I.D. Projection length High pressure type