

# ACCESSORIES

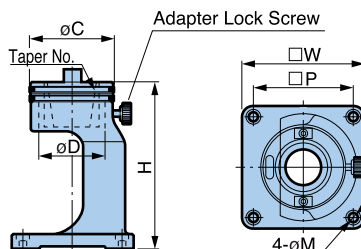
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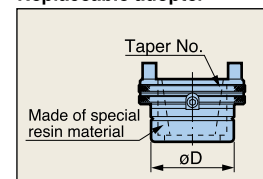
## TOOLING MATE

Innovative "Two-way clutch needle roller clamping system" assures secure clamping at the tool flange periphery.

For BBT (BT) & BDV (DV)



Replaceable adaptor

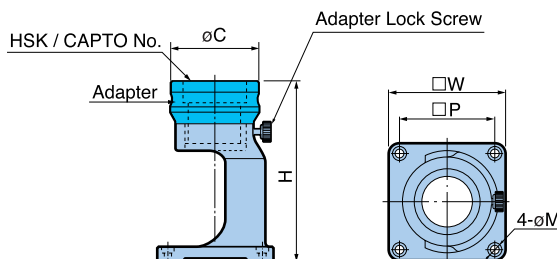


Model	BT / DV No.	øC	øD	H	W	P	øM	Adapter Model
TMS40-30	30	76	60	150	110	90	7 (for M6)	TMA40-30
-40	40							-40
TMS50-40	40	105	88	190	160	130	9 (for M8)	TMA50-40
-50	50							-50

1. 1pc. of Adaptor is included.
2. Adapter can be ordered individually.
3. Adapter Lock Screw is available as a spare part. Model: RTM0615
4. 4pcs. of cap bolts to mount on the table are not included.

**Caution**  
TOOLING MATE must be securely fixed to a bench with 4 mounting bolts.

For HSK & CAPTO PAT.



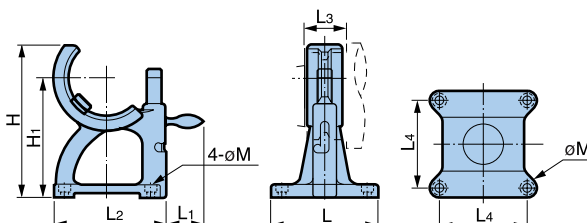
Model	HSK No.	CAPTO No.	øC	H	W	P	øM	Adapter Model
TMS40-32R	32	C3	76	165	110	90	7 (for M6)	TMA40-32R
-40R	40	C4	76	165				-40R
-50R	50	C5	76	165				-50R
-63R	63	C6	87	172				-63R
TMS50-80R	80	C8	114	215	160	130	9 (for M8)	TMA50-80R
-100R	100	-	124	219				-100R

1. 1pc. of Adaptor is included.
2. Adapter can be ordered individually.
3. Adapter Lock Screw is available as a spare part. Model: RTM0615
4. 4pcs. of cap bolts to mount on the table are not included.

**Caution**  
TOOLING MATE must be securely fixed to a bench with 4 mounting bolts.

## HOLDER LOCK

Horizontal tooling fixture.



Horizontal operation prevents small cutting tools from dropping into the toolholder.

Model	BT No.	L	L1	L2	L3	L4	H	H1	øM	Fixing cap
HL-BT30	30	82	31	82	26	65	120	100	7 (for M6)	HL-30CP
HL-BT40	40	98	33	98	32	80	140	115		HL-40CP
HL-BT50	50	124	43	131	44	100	178	140	9(for M8)	HL-50CP

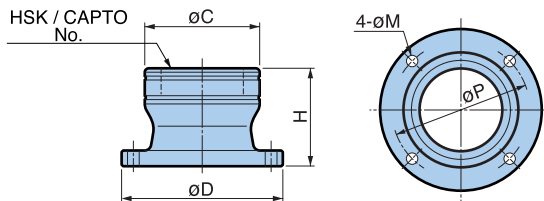
1. Fixing cap is available as a spare part.
2. Exclusive for each size of BBT/BT 30, 40 and 50.
3. 4pcs. of cap bolts to mount on the table are not included.

**Caution**  
HOLDER LOCK must be securely fixed to a bench with 4 mounting bolts.

## KOMBI GRIP PAT.

Innovative "Two-way clutch needle roller clamping system" assures secure clamping at the tool flange periphery.

**For HSK & CAPTO**



Model	HSK No.	CAPTO No.	øC	øD	H	øP	øM
<b>KG 25R</b>	25	-	48	79	65	62	7 (for M6)
<b>32R</b>	32	C3	55	85		69	
<b>40R</b>	40	C4	63	93		77	
<b>50R</b>	50	C5	75	105	70	89	9 (for M8)
<b>63R</b>	63	C6	88	123.5	75	105.5	
<b>80R</b>	80	C8	107	142	90	124	
<b>100R</b>	100	-	127	162	100	144	



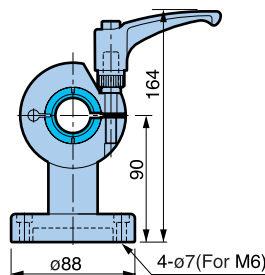
**Caution**  
KOMBIGRIP must be securely fixed to a bench with 4 mounting bolts.

1. Mounting bolts (4 pcs) are not included.

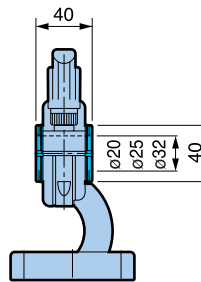
## ST LOCK

Ideal fixture for set-up of cylindrical shank toolholder.  
Clamps 20, 25 & 32mm diameter shank holder by replacing the sleeve.

ø20, 25 & 32mm sleeves



Model **STL40**



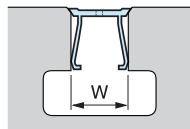
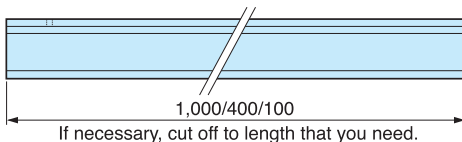
- 1 pce. each of ø20, 25 & 32mm sleeves are included.
- 4 pcs. of cap bolts to mount on the table are not included.

**Caution**  
ST LOCK must be securely fixed to a bench with 4 mounting bolts.

## T-SLOT CLEAN

Improve efficiency of table cleaning.  
Save you from cleaning T-slots packed with swarf.  
Quick discharge of swarf out of a machine

Better machining  
Precision



■ Before



■ After



### SET

Set model	W	Contents of set
<b>TS14-S</b>	14	400mm × 4 pieces
<b>TS18-S</b>	18	100mm × 4 pieces
<b>TS22-S</b>	22	Removal pin × 1 piece

### 400mm SET

Set model	W	Contents of set
<b>TS14-400L-100P</b>	14	400mm × 10 pieces Removal pin × 1 piece
<b>TS18-400L-100P</b>	18	
<b>TS22-400L-100P</b>	22	

### 1,000mm SET

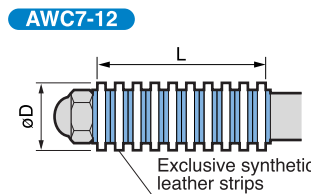
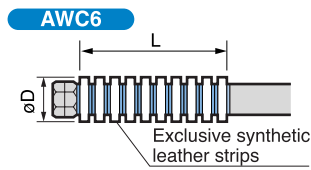
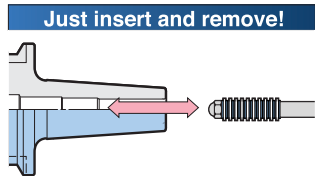
**For large machines**

Set model	W	Contents of set
<b>TS18-1000L-10P</b>	18	1,000mm × 10 pieces Removal pin × 1 piece
<b>TS22-1000L-10P</b>	22	

Perfect for Hydraulic Chuck and Shrink Fit Holder

## Q WIPER CLEANER PAT.P

Easy cleaning by simply inserting and removing.



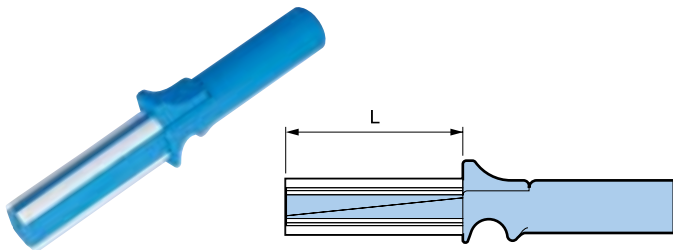
### For 6 to 12mm clamping bores

Model	øD	L
<b>AWC 6</b>	6	20
<b>AWC 7</b>	7	
<b>AWC 8</b>	8	
<b>AWC 9</b>	9	26
<b>AWC10</b>	10	
<b>AWC11</b>	11	31
<b>AWC12</b>	12	

Perfect for Hydraulic Chuck and Milling chuck Holder

## TK CLEANER PAT.

Absolute cleaning of clamping bore by unique "slide" feature!



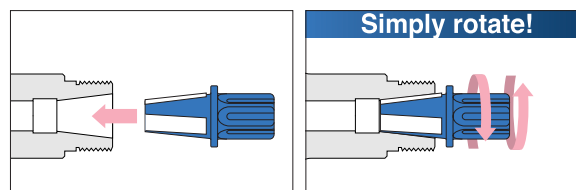
### For 13 to 42mm clamping bores

Model	Bore diameter(ø)	L	Leather strips qty
<b>TKC13</b>	13	60	2
<b>14</b>	14		
<b>15</b>	15		
<b>16</b>	16	70	
<b>18</b>	18		
<b>20</b>	20		
<b>25</b>	25	80	3
<b>32</b>	32	100	4
<b>40</b>	40		
<b>42</b>	42		

For internal collet taper

## Q TAPER CLEANER

Maintain accuracy of high precision collet chucks!



For MEGA MICRO CHUCK

Model	Suitable body
<b>SC-NBC3S</b>	MEGA 3S
<b>SC-NBC4S</b>	MEGA 4S
<b>SC-NBC6S</b>	MEGA 6S

For MEGA NEW BABY CHUCK & NEW BABY CHUCK

Model	Suitable body
<b>SC-NBC 6</b>	MEGA 6N NBS 6
<b>SC-NBC 8</b>	MEGA 8N NBS 8
<b>SC-NBC10</b>	MEGA10N NBS10
<b>SC-NBC13</b>	MEGA13N NBS13
<b>SC-NBC16</b>	MEGA16N NBS16
<b>SC-NBC20</b>	MEGA20N NBS20

For MEGA E CHUCK

Model	Suitable body
<b>SC-MEC 6</b>	MEGA 6E
<b>SC-MEC 8</b>	MEGA 8E
<b>SC-MEC10</b>	MEGA10E
<b>SC-MEC13</b>	MEGA13E

For ER collet chuck



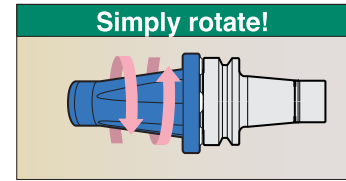
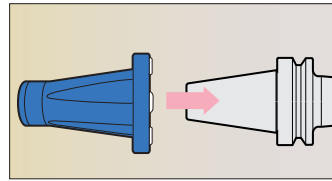
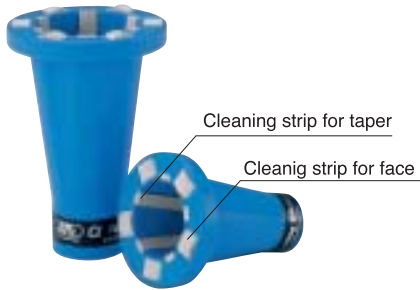
Model	Suitable body
<b>SC-MER11</b>	ER11
<b>SC-MER16</b>	ER16
<b>SC-MER20</b>	ER20
<b>SC-MER25</b>	ER25
<b>SC-MER32</b>	ER32

# ACCESSORIES

For tool shank taper and flange

## α TOOLING CLEANER

Particles and oil on both taper and flange of 7/24 taper holder are easily removed.



**For #30 & #40 tapers**

Model	Shank size
SCE-30	No.30
SCE-40	No.40

For machine spindle

## SPINDLE CLEANER

Easy cleaning of oil or particles from the machine spindle!



For ISO taper spindle

Model	Taper Size
SC20	#20
SC30	#30
SC40	#40
SC45	#45
SC50	#50

For Morse taper spindle

Model	Taper Size
SC1	MT1
SC2	MT2
SC3	MT3
SC4	MT4
SC5	MT5
SC6	MT6

1. Also suitable for the internal taper of Morse taper holders.

For HSK spindle

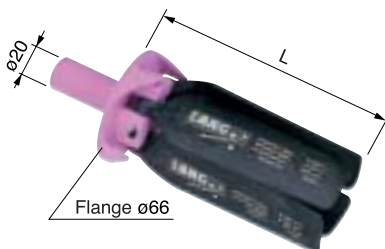
Model	Spindle
SC-HSK 32	HSK-A 32
40	HSK-A 40
50	HSK-A 50
63	HSK-A 63
80	HSK-A 80
100	HSK-A100

Model	Spindle
SC-HSK25E	HSK-E25
32E	HSK-E32
40E	HSK-E40
50E	HSK-E50

For machine spindle

## CLEAN TEC

Full automation of swarf and coolant removal by means of wind pressure.



Model	L	øD
ST20-CT160	82	160
-CT260	130	260
-CT330	166	330

