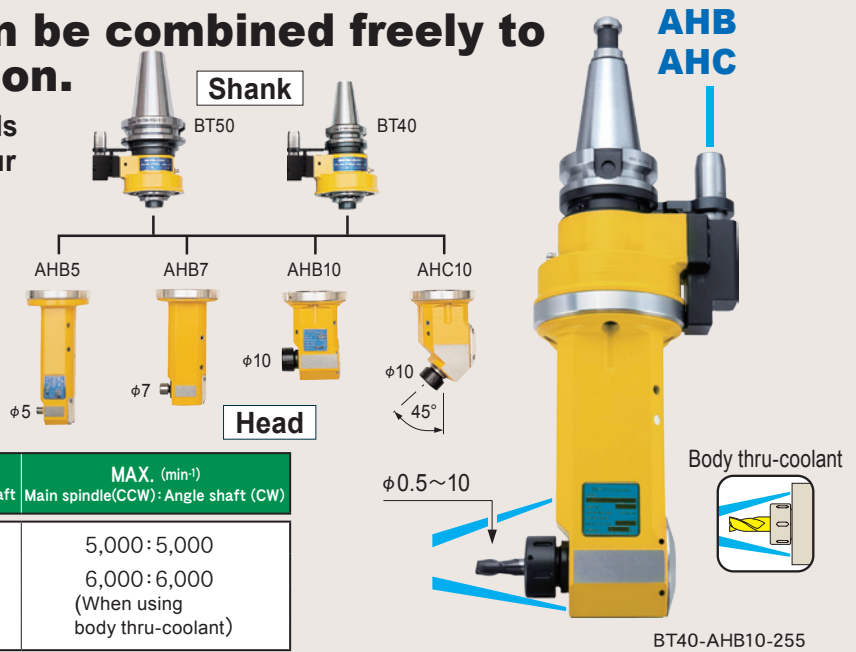


STANDARD type MODULAR type

Shank and head can be combined freely to match the application.

▷ Various types of shanks and heads are freely combined to meet your machining needs.



MODEL	Chucking range	Gear ratio Main spindle:Angle shaft	MAX. (min ⁻¹)
			Main spindle(CCW): Angle shaft (CW)
AHB 5	φ0.5~ 5	1:1	5,000:5,000
AHB 7	φ0.5~ 7		6,000:6,000
AHB10	φ2.4~10		(When using body thru-coolant)
AHC10			

Fig. 1

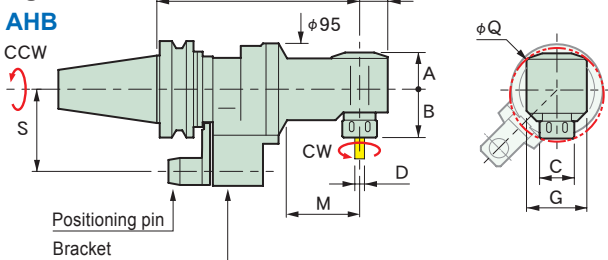
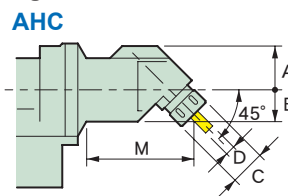


Fig. 2



CODE	Fig.	φD	L	φC	L1	M	A	B	G	φQ	Kg	
BT40-AHB 5-210	1	0.5~ 5	210	12	20	85	25	32	46	62	5.5	ER8
-270			270			145					6.4	
-AHB 7-180		0.5~ 7	180	19	22	60	29	43	56	76	5.3	ESX12
-240			240			120					6.6	
-AHB10-195	2	2.4~10	195	36	29	80	38	50	62	96	6.2	C10
-255			255			140					7.9	
-AHC10-230		230	—	110	45	32.5	65	—	6.2			
BT50-AHB 5-225		1	0.5~ 5	225	12	20	85	25	32	46	62	8.8
-285	285			145			9.7					
-AHB 7-195	0.5~ 7		195	19	22	60	29	43	56	76	8.6	ESX12
-255			255			120					9.9	
-AHB10-210	2.4~10	210	36	29	80	38	50	62	96	9.5	C10	
-270		270			140					11.2		

Available for
DIN / CAT.

Cutting data
P.20

■Option

- Spring collet→P.19
- Retention knob →P.64
- Semi-finished positioning block→P.19

■Std. Access.

- A complete set of spanners and wrenches.

■Note

- The phase of the drive key and the positioning pin is set freely.
- Standard specifications:
S = 60 mm, 65 mm (BT40), 80 mm, 85 mm, and 110 mm (BT50).
- Other shanks such as HSK are also available upon request.

■Caution

- For the shape and mounting position of the positioning block, contact the machine manufacturer or MST.
- The height of the positioning pin depends on the shape of the positioning block.
- The machine spindle and angle shaft should rotate in reverse directions, so make sure the spindle rotates in the reverse direction.
- For precautions and maintenance, refer to page 115.

Shank / Head reference list

CODE	Shank	Head
BT40-AHB 5-210	BT40-MS- 98	MB 5-112
-270		-172
-AHB 7-180		MB 7- 82
-240		-142
-AHB10-195	BT50-MS-113	MB10- 97
-255		-157
-AHC10-230		MC10-132
BT50-AHB 5-225		MB 5-112
-285	-172	
-AHB 7-195	MB 7- 82	
-255	-142	
-AHB10-210	MB10- 97	
-270	-157	
-AHC10-245	MC10-132	