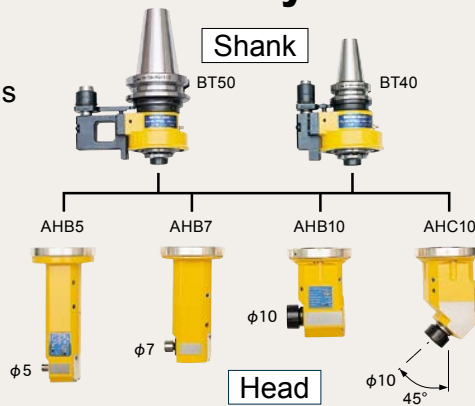


# MODULAR type

## 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.



Type	Chucking range	Gear ratio Main spindle:Angle shaft	MAX. min-1 Main spindle(CCW) : Angle shaft (CW)
AHB 5	φ 0.5~ 5	1:1	5,000:5,000
AHB 7	φ 0.5~ 7		6,000:6,000
AHB10	φ 2.4~10		(When using body thru-coolant)
AHC10			

Fig. 1

AHB  
CCW

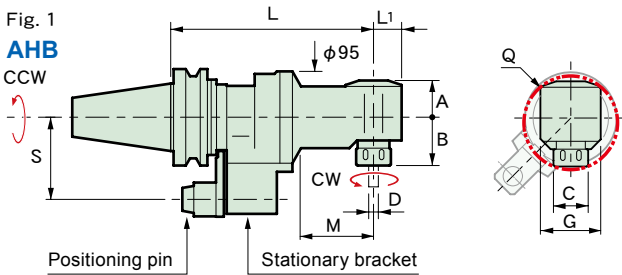
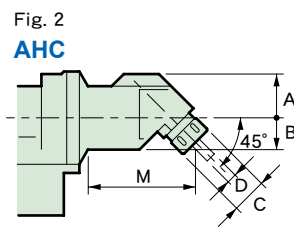


Fig. 2

AHC



CODE	Fig.	φD	L	φC	L1	M	A	B	G	φQ	Kg			
BT40-AHB5 -210	1	0.5~ 5	210	12	20	85	25	32	46	62	5.5	ER8		
			270			145					6.4			
		-270	0.5~ 7	180	19	22	60	29	43	56	76	5.3	ESX12	
				240			120					6.6		
		-AHB7 -180		0.5~ 7	195	36	29	80	38	50	62	96	6.2	C10
					255			140					7.9	
-AHB10-195		2.4~10	230			110	45	32.5	65	—	6.2			
-255														
-AHC10-230	2													
BT50-AHB5 -225	1	0.5~ 5	225	12	20	85	25	32	46	62	8.8	ER8		
			285			145					9.7			
		-285	0.5~ 7	195	19	22	60	29	43	56	76	8.6	ESX12	
				255			120					9.9		
		-AHB7 -195		0.5~ 7	210	36	29	80	38	50	62	96	9.5	C10
		-255		2.4~10	270			140					11.2	
-AHB10-210		2.4~10												
-270														

Available for  
DIN/ CAT.

Cutting data  
P.20

■Option

- Spring collet→P.19
- Retention knob →P.67
- 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 may be 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 121.

### 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		MB10- 97	
-255		-157	
-AHC10-230		MC10-132	
BT50-AHB 5-225	BT50-MS-113	MB 5-112	
-285		-172	
-AHB 7-195		MB 7- 82	
-255		-142	
-AHB10-210		MB10- 97	
-270		-157	
-AHC10-245			MC10-132