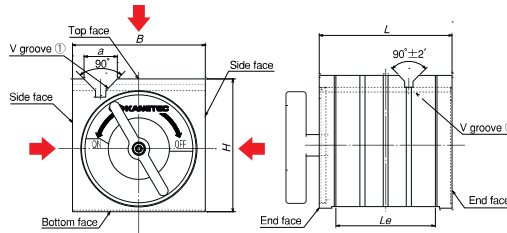


BLOCKS, HOLDERS, PERMANENT MAGNETIC CHUCK

Model KYA SQUARE TYPE BLOCK



KYA-13B ↑ indicates the attractive face.

[Application]

Holding tools for marking and light duty machining.
Holding tools for three-dimensional measuring instruments and various measuring systems.

[Features]

- Workpieces can be held on three faces of the top (V face) and both side faces.
- The ON/OFF lever is detachable. (The length of the opposite sides of the hex hole is 8 mm.)
- Drip-proof and oil-resistant construction.
- An M8 tapped hole is provided on the top for lifting (KYA-18 and 20B only).
- Ultra-precision finishing is also available. Please contact us.

[mm(in)]

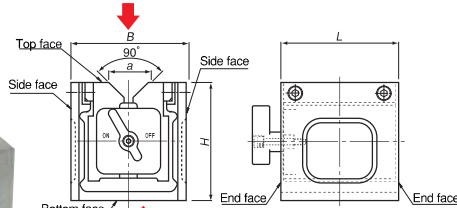
Model	Holding Power		Applicable Diameter		Dimensions					Mass
	V groove①	V groove②	V groove①	V groove②	B	H	L	L _e	a	
KYA-8B	120N (12kgf)	100N (10kgf)	φ 10 (0.39) - φ 25 (0.98)	φ 8 (0.31) - φ 15 (0.59)	80 (3.14)	80 (3.14)	80 (3.14)	60 (2.36)	20 (0.78)	3.5kg / 7.7 lb
KYA-10B	200N (20kgf)	120N (12kgf)	φ 10 (0.39) - φ 35 (1.37)	φ 10 (0.39) - φ 30 (1.18)	100 (3.93)	100 (3.93)	100 (3.93)	72 (2.83)	26 (1.02)	7kg / 15 lb
KYA-13B	300N (30kgf)	250N (25kgf)	φ 10 (0.39) - φ 40 (1.57)	φ 10 (0.39) - φ 26 (1.02)	125 (4.92)	125 (4.92)	125 (4.92)	87 (3.42)	30 (1.18)	14kg / 30 lb
KYA-15B	400N (40kgf)	400N (40kgf)		φ 10 (0.39) - φ 38 (1.49)	150 (5.90)	150 (5.90)	150 (5.90)	107 (4.21)	32 (1.25)	23kg / 50 lb
KYA-18B	400N (40kgf)	300N (30kgf)		φ 14 (0.55) - φ 50 (1.96)	180 (7.08)	180 (7.08)	180 (7.08)	123 (4.84)		37kg / 81 lb
KYA-20B	650N (65kgf)	650N (65kgf)		φ 14 (0.55) - φ 50 (1.96)	200 (7.87)	200 (7.87)	200 (7.87)	155 (6.10)	38 (1.49)	51kg / 112 lb

※The holding power is based on the V face and φ20 round steel bar. ※Note that when workpieces are held on two or more faces simultaneously, the holding power of each face drops.

Model KYB SQUARE TYPE BLOCK



KYB-13A



↑ indicates the attractive face.

[Application]

Holding tools for marking and light duty machining.
Holding tools for three-dimensional measuring instruments and various measuring systems.

[Features]

- A workpieces can be held on one face of the top (V face).
- The ON/OFF lever is detachable. (The length of the opposite sides of the hex hole is 8 mm.)
- Drip-proof and oil-resistant construction.
- Ultra-precision finishing is also available. Please contact us.

[mm(in)]

Model	Holding Power	Applicable Diameter	Dimensions				Mass
			B	H	L	a	
KYB-8A	180N (18kgf) or over.	φ 10 (0.39) - φ 32 (1.25)	80 (3.14)	80 (3.14)	80 (3.14)	29 (1.02)	2.5kg / 5.5 lb
KYB-10A	343N (35kgf) or over.	φ 13 (0.51) - φ 50 (1.96)	100 (3.93)	100 (3.93)	100 (3.93)	40 (1.57)	6kg / 13 lb
KYB-13A	400N (40kgf) or over.		125 (4.92)	125 (4.92)	125 (4.92)		8kg / 17 lb
KYB-15A	589N (60kgf) or over.	φ 14 (0.55) - φ 66 (2.59)	150 (5.90)	150 (5.90)	150 (5.90)	50 (1.96)	12kg / 26 lb
KYB-18A	600N (60kgf) or over.		180 (7.08)	180 (7.08)	180 (7.08)		16kg / 35 lb
KYB-20A	785N (80kgf) or over.		200 (7.87)	200 (7.87)	200 (7.87)		22kg / 48 lb

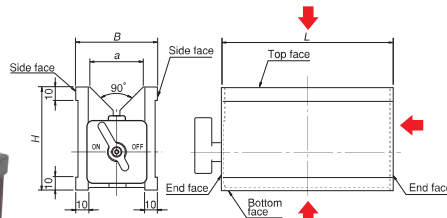
※The holding power is based on the V face and φ20 round steel bar.

Model KVA MAGNETIC V-HOLDER



KVA-2A

KVA-1A



↑ indicates the attractive face.

[Application]

Holding tools for round bar marking, drilling, tapping and grinding of irregularly shaped workpieces.
Holding tools for three-dimensional measuring instruments and various measuring systems.

[Features]

- Workpieces can be held on the top face (V face), bottom face and rear face.
- The ON/OFF lever is detachable. (The length of the opposite sides of the hex hole is 8 mm.)
- Drip-proof and oil-resistant construction.
- Ultra-precision finishing is also available. Please contact us.

[mm(in)]

Model	Holding Power	Applicable Diameter	Dimensions				Mass
			B	H	L	a	
KVA-1A	300N (30kgf) or over.	φ 8 (0.31) - φ 50 (1.96)	60 (2.36)	73 (2.87)	80 (3.14)	38 (1.49)	2kg / 4.4 lb
KVA-2A	450N (45kgf) or over.				125 (4.92)		3kg / 6.6 lb
KVA-3A	700N (70kgf) or over.				180 (7.08)		4.5kg / 10 lb

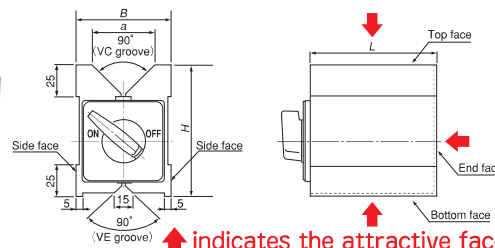
※The holding power is based on the V face and φ20 round steel bar. ※Note that when workpieces are held on two or more faces simultaneously, the holding power of each face drops.

Model KVS MAGNETIC V-HOLDER



KVS-1B

KVS-2B



↑ indicates the attractive face.

[Application]

Suitable for securing irregularly shaped workpieces for grinding and light duty cutting such as drilling and tapping.

[Features]

- The special construction exerts a strong magnetic force on three faces of top, bottom and end.
- Usable for inspection also. Two accuracy grades; standard and special are available.
- The magnetic force can be turned on and off easily by turning the lever.
- Drip-proof construction.

[mm(in)]

Model	Holding Power	Applicable Diameter		Dimensions			Mass
		VC groove	VE groove	B	a	H	
KVS-1B	0.7kN (70kgf)	φ 8 (0.31) - φ 68 (2.67)	φ 8 (0.31) - φ 20 (0.78)	75 (2.95)	50 (1.96)	100 (3.93)	4.5kg / 9.9 lb
KVS-2B	1.0kN (100kgf)					200 (7.87)	9.0kg / 19.8 lb

※The holding power is based on φ20 round steel bar. ※Note that when workpieces are held on two or more faces simultaneously, the holding power of each face drops.