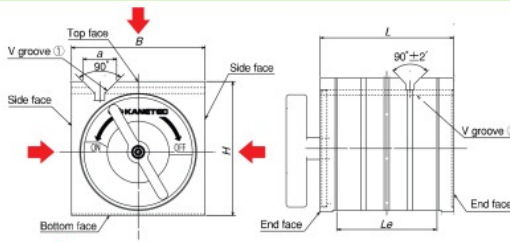


# BLOCKS, HOLDERS, PERMANENT MAGNETIC CHUCK

## 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)]

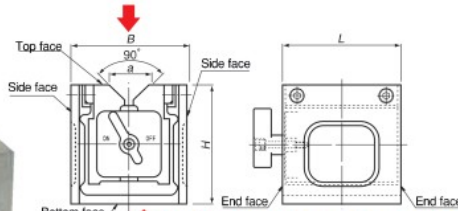
Model	Holding Power		Applicable Diameter		Dimensions					Mass
	V groove(1)	V groove(2)	V groove(1)	V groove(2)	B	H	L	Le	a	
KYA-8B	120N (12kgf)	100N (10kgf)	φ 10 (0.39) - φ 25 (0.98)	φ 8 (0.31) - φ 15 (0.59)	80 (3.14)	80 (3.14)	80 (3.14)	60 (2.36)	20 (0.78)	3.5kg / 7.7 lb
KYA-10B	200N (20kgf)	120N (12kgf)	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 50 (1.96)	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		300N (30kgf)		180 (7.08)	180 (7.08)	180 (7.08)	123 (4.84)	38 (1.49)	37kg / 81 lb	
KYA-20B	650N (65kgf)	650N (65kgf)	φ 14 (0.55) - φ 50 (1.96)	φ 14 (0.55) - φ 50 (1.96)	200 (7.87)	200 (7.87)	200 (7.87)	155 (6.10)		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

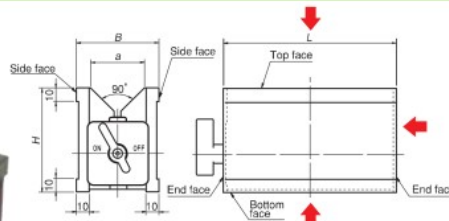
※The holding power is based on the V face and φ20 round steel bar.

## 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

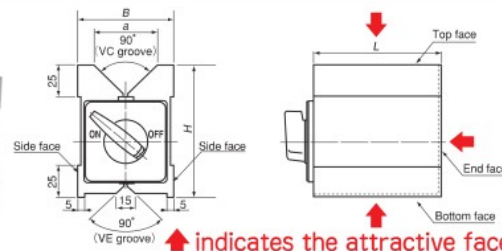
※The holding power is based on the V face and φ20 round steel bar. ※Note that when workpieces are held on two or more faces simultaneously, the holding power of each face drops.

## 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
		Steel bar	VC groove	B	a	L	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)	105 (4.13)	4.5kg / 9.9 lb
KVS-2B	1.0kN (100kgf)			200 (7.87)		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.