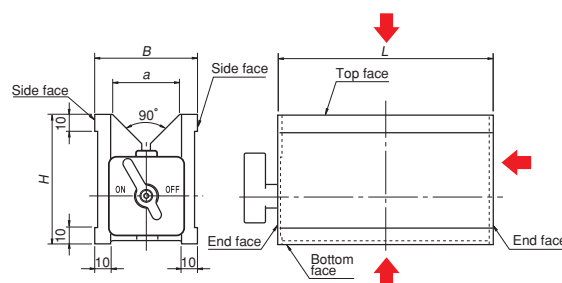## Model *KVA* MAGNETIC V-HOLDER

KVA-2A

KVA-1A

[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)]

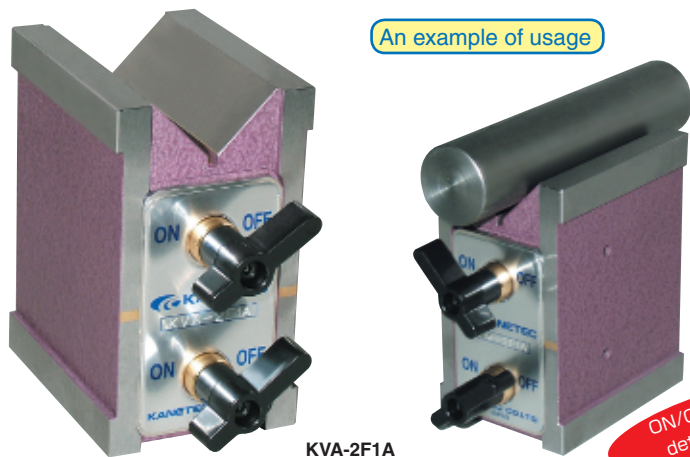| Model	Holding Power	Applicable Diameter	Dimensions				Mass
			B	H	L	a	
KVA-1A	300N(30kgf) or over.				80(3.14)		2kg/4.4 lb
KVA-2A	450N(45kgf) or over.	φ8(0.31)−φ50(1.96)	60(2.36)	73(2.87)	125(4.92)	38(1.49)	3kg/6.6 lb
KVA-3A	700N(70kgf) or over.				180(7.08)		4.5kg/10 lb

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

▲ indicates the attractive face.

Model *KVA-2F* TWO-FACE HOLDING V-HOLDER

First in the industry!

The top and bottom faces can be turned ON/OFF independently!
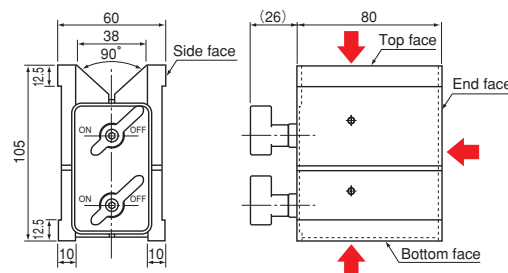
An example of usage

[Application]
A holding tool in a wide range of applications such as round bar marking and cutting.
Also usable as a holding tool for measurement on an iron surface plate.

[Features]
● Only the workpiece can be mounted/demounted without changing the holder fixing position, improving the work efficiency.
● 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.

KVA-2F1A

ON/OFF lever detachable

[mm(in)]

Model	Holding Power	Applicable Diameter	Dimensions			Mass
			Width	Height	Length	
KVA-2F1A	392N(40kgf) or over.	φ8(0.31)−φ50(1.96)	60(2.36)	105(4.13)	80(3.14)	3.2kg/7.0 lb

※The holding power is based on the V face and φ20 round steel bar. ※For accuracy, see the table below.

▲ indicates the attractive face.

■KVA accuracy

(μm)

Item	Model・Accuracy	KVA-1A		KVA-2A		KVA-3A		KVA-2F1A	
		Standard	Special	Standard	Special	Standard	Special	Standard	Special
Parallelism	Bottom face to top face	10	7	15	8	20	9	10	7
	Bottom face to V face								
	End face to end face			12		15			
	Side face to V face	20		25		30		20	
Flatness of bottom face		10		15		20		10	
Squareness	Bottom face to side face	20	10	25	12	30	14	20	10

■The dimensional accuracy of KVA and KVA-2F is based on KANETEC in-house standards. If you require higher accuracy, please contact us.