

ELECTROMAGNETIC CHUCK  
CHUCKS  
CONTROLLERS  
MAGNETIC CHUCKS  
PERMANENT MAGNETIC CHUCKS  
ELECTROMAGNETIC CHUCKS

## Model KVS MAGNETIC V-HOLDER

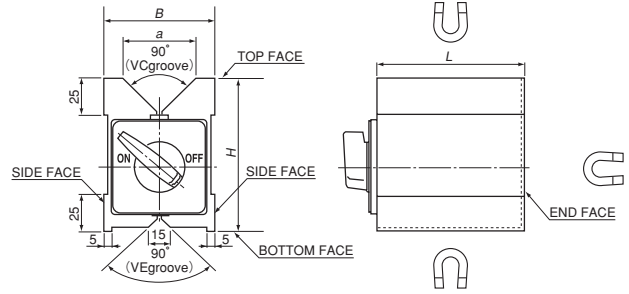


### [Application]

It is to be used to fix such extra-ordinary shape work pieces under grinding, light milling for making holes and tapping.

### [Features]

- The strong magnetic force works three faces of upper, bottom, edge ( or, shorter side) by special structure.
- It can be used for inspection work. Standard and special class accuracy are available.
- As on/off operation of magnetic force can be easily done by switching lever.
- Drip-proof.



Model	Holding Power	Applicable Diameter		Dimensions				Mass
		Round Steel	VC groove	VE groove	B	a	L	
KVS-1B	0.7kN (70kgf)	φ8 (0.31) ~	φ8 (0.31) ~	75 (2.95)	50 (1.96)	100 (3.93)	105 (4.13)	4.5kg / 9.9 lb
KVS-2B	1.0kN (100kgf)	φ68 (2.67)	φ20 (0.78)	(2.95)	(1.96)	200 (7.87)	(4.13)	9.0kg / 19.8 lb

※The holding power applies to the V-face and φ20 round bar. ※For accuracy, see the table below.  
※Please take note that attractive force on each face is reduced when a work piece is attracted on more than 2 faces at the same time.

### KVS accuracy

Model / Accuracy		KVS-1B		KVS-2B	
		Standard	Special	Standard	Special
Parallelism	Bottom face to top face	12	7	20	12
	top face to VC groove				
	top face to VE groove				
	side face to side face				
Squareness	Bottom face to side face	21	10	21	15

BLOCKS FOR MC  
VACUUM CHUCKS

## Model KMV MAGNETIC V-BLOCK

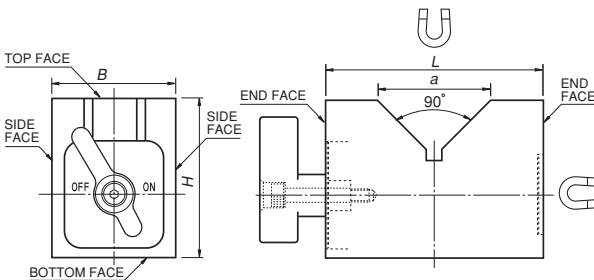


### [Application]

Holding tools for round bar marking and drilling.  
Holding tools for electric discharge machining and wire cutting.  
Holding tools for three-dimensional measuring instruments and various measuring systems.

### [Features]

- Workpieces can be held on the top face (V face), and rear face.
- T-handle ON/OFF switch comes attached, but can be removed.
- They are of waterproof and oilproof construction.
- One set consists of two blocks.
- Super high accuracy finish is also available. Please contact us.



Model	Holding Power	Applicable Diameter	Dimensions				Mass
			B	H	L	a	
KMV- 50D	150N (15kgf) or over	φ 50 (1.96)	40 (1.57)	50 (1.96)	70 (2.75)	36 (1.41)	1kg / 2.2 lb × 2
KMV- 80D	200N (20kgf) or over	φ 80 (3.14)	50 (1.96)	80 (3.14)	100 (3.93)	60 (2.36)	3kg / 6.6 lb × 2
KMV-125D	230N (23kgf) or over	φ 125 (4.92)	50 (1.96)	100 (3.93)	150 (5.90)	90 (3.54)	5kg / 11 lb × 2

※ The holding power applies to the V-face and φ20 round bar. ※For accuracy, see the table below.

### KMV accuracy

Model / Accuracy		KMV-50D		KMV-80D		KMV-125D	
		Standard	Special	Standard	Special	Standard	Special
Parallelism	Bottom face to top face	10	7	15	8	20	9
	Bottom face to V face						
	End face to end face			12		15	
	Side face to V face						
Flatness of bottom face		10		15		20	
Squareness	Bottom face to side face	20	10	25	12	30	14
Difference in height of V faces of a pair of blocks		7		8			

※When high accuracy is required, select "special" accuracy models.  
※In case the value of accuracy, which is not mentioned in the above table, please request us.

■The dimensional accuracy of KVS and KMV are based on Kanetec's in-house standard. When you need higher accuracy, please contact us.

PROMELTA SYSTEM  
SINE BAR CHUCKS  
MAGNETIC BLOCKS  
WORKING TOOLS  
MEASURING TOOL HOLDERS  
MAGNETIC HOLDERS  
MAGNETIC TOOLS