

MEASURING TOOL HOLDERS

Model MB-P MAGNETIC HOLDER BASE

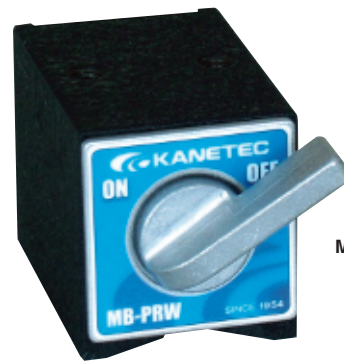
ELECTROMAGNETIC CHUCK CONTROLLERS: PERMANENT MAGNETIC CHUCKS: PERMANENT MAGNETIC CHUCKS: ELECTROMAGNETIC CHUCKS: BLOCKS FOR MC: VACUUM CHUCKS: PROMELTA* SYSTEM: SINE BAR CHUCKS: BLOCKS, HOLDERS, MINI CHUCKS: HOLDING TOOLS: MEASURING TOOL HOLDERS: MAGNETIC HOLDERS: MAGNETIC TOOLS



MB-PB
Holding power
800N



MB-PR
Holding power
1000N



MB-PRW
Holding power
600N



MB-PL
Holding power
1300N

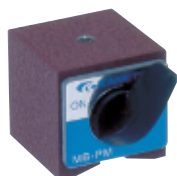


MB-PH
Holding power
1250N

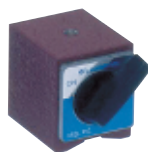


MB-PG
Holding power
1500N

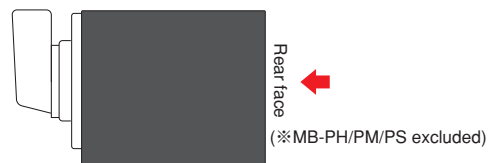
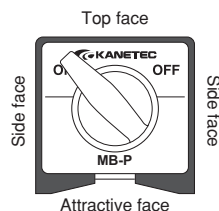
※If a plate is to be mounted on the top face, be sure to use a nonmagnetic material (e.g. aluminum, SUS304, brass plate). If a magnetic material such as iron is mounted on the top face, the holding power will drop significantly.



MB-PM
Holding power
600N



MB-PS
Holding power
300N



↑ indicates the attractive face.

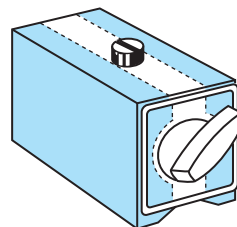
[Application]

Used as magnetic holders of magnetic force ON/OFF type. Available in a wide range of sizes from minimum and medium to large.

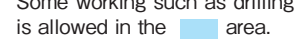
Useful as a base for temporarily mounted legs of equipment, sensors and lasers by mounting a jig using tapped holes or by some additional machining.

[Features]

- Compact, yet the base generates a strong magnetic force.
- The attractive face is either of V-groove mechanism or [□] type for attaching on a curved surface according to applications. The face opposite to the ON/OFF switch face is also attractive. (MB-PH, MB-PM and MB-PS excluded)
- Although tapped holes are provided, some additional working is possible as shown.

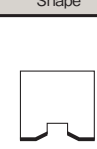


Workable area on magnetic holder base

Some working such as drilling is allowed in the  area. See Precautions on page 72 also.

Detailed dimensions are shown on page 72. 

[mm (in)]

Model	Holding Power	Dimensions			Tapped Hole	Attractive Face Shape	Rear Face Attraction	Mass
		Width	Length	Height				
MB-PB	800N (80kgf)	50 (1.96)	58.5 (2.30)	55 (2.16)	M 8 (0.31) × 1.25 (0.04), depth 7 (0.27)		○	1.0kg/2.2 lb
MB-PR	1000N (100kgf)		73 (2.87)		M 8 (0.31) × 1.25 (0.04), depth 7 (0.27)			1.3kg/2.8 lb
MB-PRW	600N (60kgf)		117 (4.60)		M10 (0.39) × 1.25 (0.04), depth 7 (0.27)			1.2kg/2.6 lb
MB-PL	1300N (130kgf)		70 (2.75)		80 (3.15)			M12 (0.47) × 1.75 (0.06), depth 11 (0.43)
MB-PH	1250N (125kgf)	40 (1.57)	40 (1.57)	40 (1.57)	M6 (0.23) ×, depth 6 (0.23)	×	3.0kg/6.6 lb	
MB-PM	600N (60kgf)	30 (1.18)	34 (1.33)	35 (1.37)	M5 (0.19) ×, depth 4 (0.15)		0.5kg/1.1 lb	
MB-PS	300N (30kgf)	50 (1.96)	120 (4.72)	52 (2.04)	M 8 (0.31) × 1.25 (0.04), depth 7 (0.27)		0.2kg/0.4 lb	
MB-PG	1500N (150kgf)					□	○	1.9kg/4.1 lb

※The holding power is based on a test piece of SS400, 10 mm thick, ground surface. ※MB-PRW is of waterproof construction.

※MB-PB, PR and PG may be equipped with a grip (optional) of KM-B (page 71). ※If a magnetic plate is attracted on the top face, the holding power will drop significantly.