

MEASURING TOOL HOLDERS

Model SMB MAGNETIC BASE FOR SENSOR FIXING

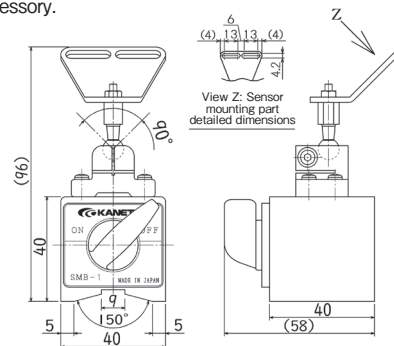


[Application]

Suitable as a base for securing various sensors.

[Features]

- The ON/OFF selectable magnetic holder base and three-dimensional bracket facilitate mounting/demounting and positional adjustment.
- These bases are compact but produce a powerful magnetic force.
- A mounting plate where various sensors can be mounted is included as a standard accessory.



Model	Holding Power	Magnetic Holder Base			Mass	Remark
		Width	Length	Height		
SMB-1	600N(60kgf)	40 (1.57)	40 (1.57)	40 (1.57)	0.43kg/0.94lb	
SMB-1M	600N(60kgf)	40 (1.57)	40 (1.57)	40 (1.57)	0.45kg/0.99lb	Reflector provided

※The holding power is based on a test piece of SS400, 10 mm thick, ground surface.

Model MB-BRB BORER BASE*

Hardness of V-face increased for longer life!

Mounting bracket as standard accessory

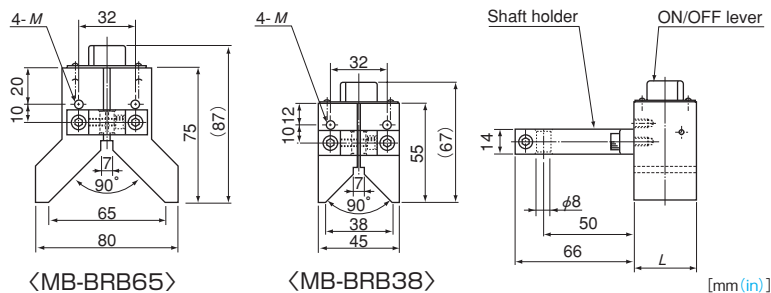


[Application]

Useful for measuring the projected amount of a cutter mounted on the arbor of a boring machine with a dial gage to locate the cutter precisely.

[Features]

- The attractive face (V-face) has been hardened and therefore is less likely to be scratched and highly wear resistant.
- The squareness of the face to secure the dial gage bracket to the V-face is within 5 μm.
- The dial gage mounting bracket for the φ8 stem comes as a standard accessory. The base can be put in use immediately after purchase.
- The dial gage mounting bracket height is selectable. (2 stages)



Model	Dimensions			M	Holding Part Dimensions		Max. Holding Power	Max. Dia. to Hold	Mass
	Width	Length	Height		Width	Angle			
MB-BRB38	45 (1.77)	35 (1.37)	55 (2.16)	M5 (0.19) thread, depth 8 (0.31)	38 (1.49)	90°	137N (14kgf)	φ45 (1.77)	0.6kg/0.13 lb
MB-BRB65	80 (3.15)	40 (1.57)	75 (2.95)		65 (2.55)		196N (20kgf)	φ80 (3.15)	1.1kg/2.4 lb

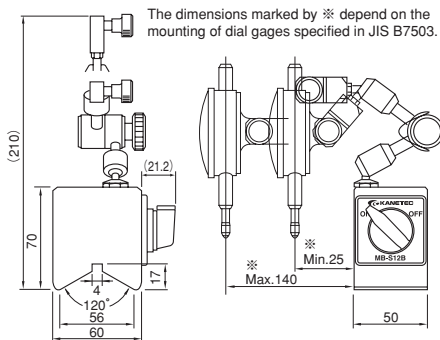
The max. holding power is based on a test piece of φ38 round steel bar (SS400, Ra = 1.6).

Model MB-S BORER BASE*



Holding Power 250N on φ70

MB-S12B



[Application]

Useful for measuring the projected amount of a cutter mounted on the arbor of a boring machine with a dial gage to locate the cutter precisely.

[Features]

- The measuring tool holding arm can be freely locked by one-step tightening, which makes this base suitable for any length between its mounting position and the tip of the cutter.
- Since a magnetic force is used for holding, the dial gage is held firmly even if it is mounted inclined. Further, the magnetic force can be turned on and off for easy mounting and demounting.
- The dial gage is mounted by tightening the bracket with an M6 bolt.

Model	Holding Power	Arbor Diameter	Holding Part Dimensions		Mass
			Width	Angle	
MB-S12B	250N (25kgf) on φ70 (2.75)	φ15 (0.59) - 120 (4.72)	56 (2.20)	120°	1.3kg/2.8 lb

ELECTROMAGNETIC CHUCK CONTROLLERS : MAGNETIC CHUCKS : PERMANENT MAGNETIC CHUCKS : ELECTROMAGNETIC CHUCKS

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BLOCK HOLDERS : MINICHUCKS

HOLDING TOOLS

MEASURING TOOL HOLDERS

MAGNETIC HOLDERS

MAGNETIC TOOLS