

Model MB MAGNETIC BASE

ELECTROMAGNETIC CHUCKS
ELECTROMAGNETIC CHUCK CONTROLLERS
PERMANENT MAGNETIC CHUCKS
PERMANENT MAGNETIC CHUCKS

BLOCKS FOR MC

VACUUM CHUCKS

PROMELTA SYSTEM

SINE BAR CHUCKS

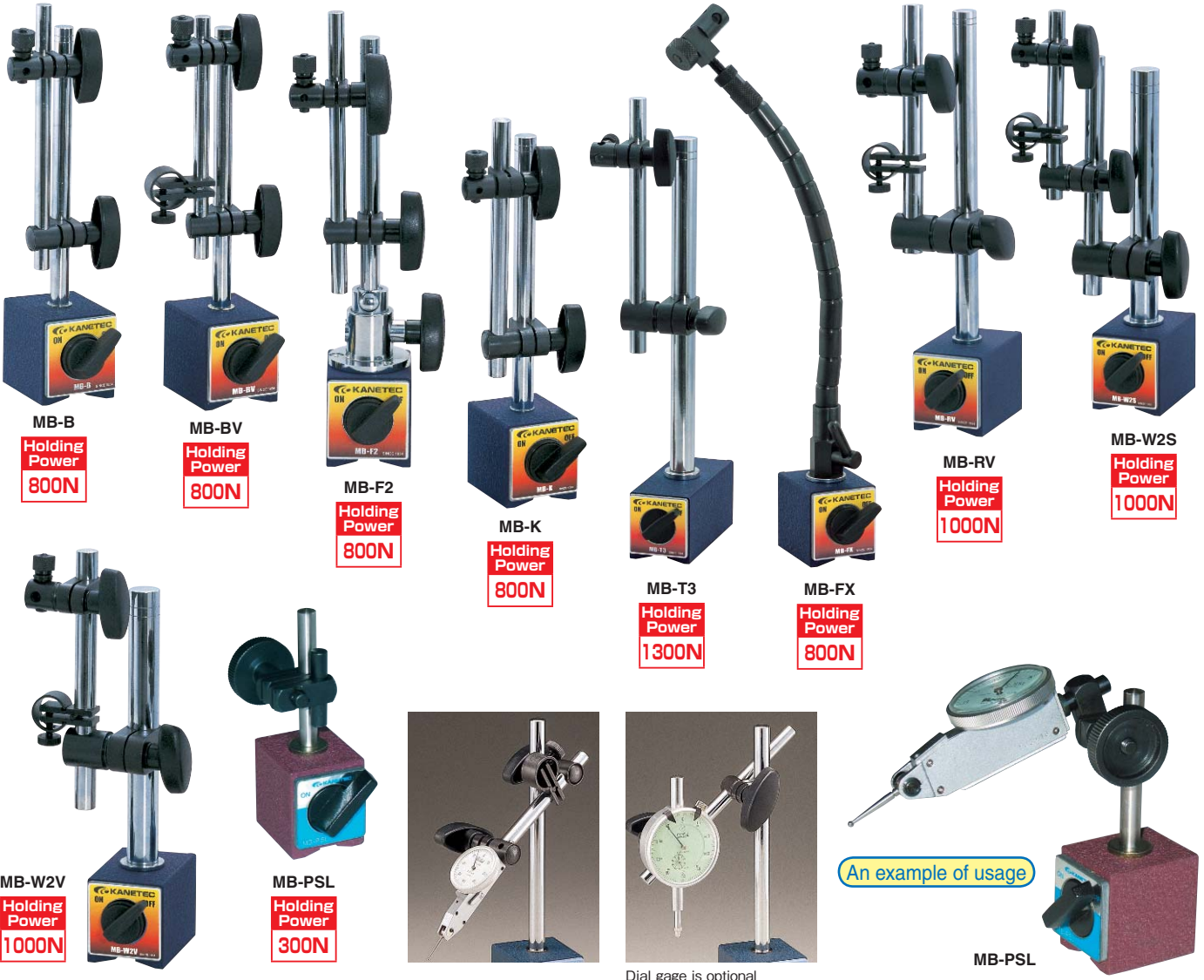
MAGNETIC BLOCKS

WORKING TOOLS

MEASURING TOOL HOLDERS

MAGNETIC HOLDERS

MAGNETIC TOOLS



Dial gage is optional

[Application]

These magnetic bases are widely used as tool holders when measuring dimensions of machined workpieces (detecting errors and deviation) using a dial indicator on machine tools or iron surface plate for measurement by comparison.

[Features]

- A wide variety of models, small to large, and with diversified additional functions, are available to suit conditions of measuring places.
- A powerful magnet and strong clamping force ensure consistent, highly accurate measurement.

[mm(in)]

Model	Holding Power	Magnetic Base			Main Pole		Sub Pole		Screw Threads			Clamp Hole Dia	Indicator Clamping Screw	Mass	Features
		Width	Length	Height	Dia φ	Length	Dia φ	Length	Mag. Base	Step	Main Pole				
MB-B	800N (80kgf)	58 (2.28)	55 (2.16)	12 (0.47)	176 (6.92)	10 (0.39)	165 (6.49)	M 8 (0.31) × 1.25 (0.04)	M8 (0.31) × 1.25 (0.04)	4.5 (0.17) / 6.5 (0.25)	M6	1.5kg/ 3.3 lb	General, standard type.		
MB-BV					194 (7.63)		150 (5.90)						—	1.6kg/ 3.5 lb	General type with fine adjustment.
MB-F2					14 (0.55)	178 (7.00)	12 (0.47)	165 (6.49)	3-M4 (0.15)				—	1.7kg/ 3.7 lb	Main pole 360° turning, can be locked at 75° maximum.
MB-K					16 (0.62)	225 (8.85)	14 (0.55)	165 (6.49)	—				—	1.8kg/ 4.0 lb	Main pole large diameter, suitable for precision measurement.
MB-RV	1000N (100kgf)	73 (2.87)	55 (2.16)	16 (0.62)	225 (8.85)	14 (0.55)	200 (7.87)	M 8 (0.31) × 1.25 (0.04)	M8 (0.31) × 1.25 (0.04)	6.5 (0.25) / 8.1 (0.31)	M6	2.0kg/ 4.4 lb	Larger size with fine movement adjustment.		
MB-W2V					178 (7.00)								14 (0.55)	—	—
MB-T3	1300N (130kgf)	117 (4.60)	55 (2.16)	20 (0.78)	355 (13.9)	—	200 (7.87)	M20 (0.78) × 1.5 (0.05)	M20 (0.78) / M10 (0.39)	M10 (0.39) × 1.25 (0.04)	—	4.1kg/ 9.1 lb	Main pole longest, base largest and holding power greatest.		
MB-FX	800N (80kgf)	58 (2.28)	55 (2.16)	16 (0.62)	315 (12.4)	—	—	M8 (0.31) × 1.25 (0.04)	—	M8 (0.31) × 1.25 (0.04)	—	1.5kg/ 3.3 lb	Flexible type settable bent freely.		
MB-W2S	1000N (100kgf)	73 (2.87)	55 (2.16)	20 (0.78)	178 (7.00)	14 (0.55)	165 (6.49)	1.25 (0.04)	—	M8 (0.31) × 1.25 (0.04)	—	3.0kg/ 6.6 lb	Two-step pole with fine adjustment.		
MB-PSL	300N (30kgf)	30 (1.18)	34 (1.33)	35 (1.37)	7 (0.27)	54 (2.12)	—	—	M5 (0.19) × 0.8 (0.03)	M5 (0.19) × 0.8 (0.03)	—	0.27kg/ 0.6 lb	Compact and simple, suitable for narrow space.		

※ Upper fixture, Model DC-8 (attaching hole of φ6.5/8.1), for attaching dial gauge is optionally supplied. ※ The holding power applies to SS400, thickness 10 mm and ground surface.