

Model RMAW-2F BLOCK WITH 2 ATTRACTIVE FACES FOR SMALL SIZE WORK PIECES

The strongest type of block is provided with 2 faces attractive face.



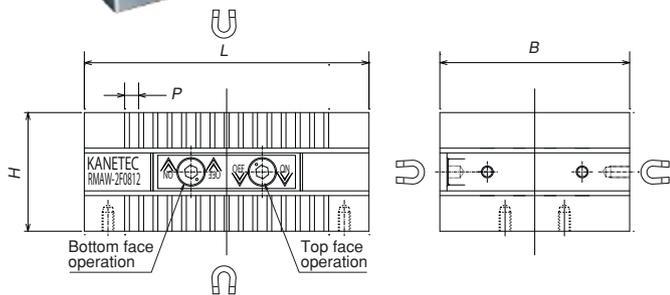
RMAW-2F0812

[Application]

It can be used for processing from grinding to milling, holding work during various measuring, assembling work.

[Features]

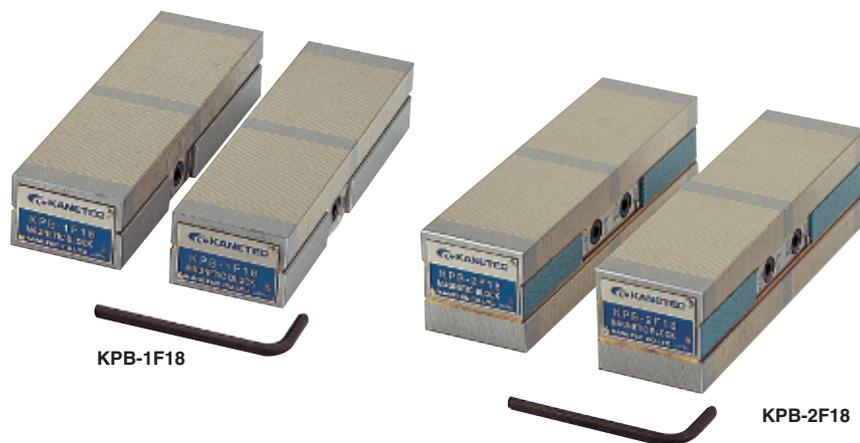
- The strongest attractive force among small permanent magnet type. Furthermore, by making pole pitch thinner, its power is concentrated to attract small and thin work pieces. It is effective for relatively larger work pieces or attracting the whole face, too.
- The upper and bottom magnetic face can be changed independently. It can be set easily onto machine table or working table for fast set up and removal.
- Because a work piece can be attracted on its side face, work pieces can be fixed vertically, or on 3 faces.
 - ※ In case a work piece is fixed on upper or bottom face and side faces at the same time, each attractive force is reduced.
- By using screw holes on 3 side faces or bottom face, such attachment as a stopper or a jig can be installed.



Model	Holding Power	Dimensions			Pole Pitch	Mass
		B	L	H	P	
RMAW-2F0812	785N (80kgf)	80 (3.15)	120 (4.72)	50 (1.96)	6(2+4) 0.23(0.07+0.15)	3.7kg 8.15 lb

※ The holding power is based on a test piece of □50 x t25, S15C.

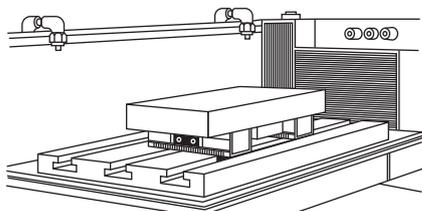
Model KPB MAGNETIC BLOCK



KPB-1F18

KPB-2F18

An example of usage of double-face attracting block



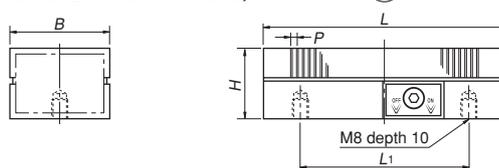
[Application]

These blocks can hold workpieces during electric discharge machining, wire cutting and grinding. They can be used as holding tools for assembly and light-duty machining.

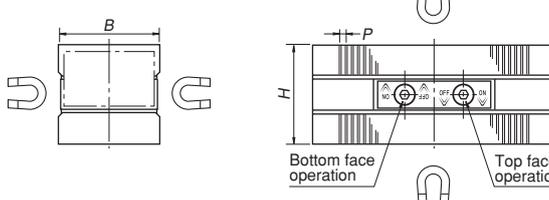
[Features]

- The both sides can hold workpieces and can be turned ON and OFF individually. (2F models)
- They are secured to the worktable by turning ON and OFF the magnet. (2F models)
- The side faces (ON/OFF select faces) can also hold workpieces. (2F models)
- They are secured to the worktable using tapped holes provided on the mounting face. They can also be secured by having them held by a magnet chuck. (1F model)
- The operating areas are provided on both side faces to facilitate ON/OFF operation.
- Light weight for easy positional adjustment.
- The operating handle is removal and will not hinder the work.
- One set of two blocks has been machined and finished together.
- They are of drip-proof and oilproof construction to allow them to be used in fluid.

<Model KPB-1F dimensions>



<Model KPB-2F dimensions>



Single face type 1F model

[mm (in)]

Model	Nominal Dimension	Holding Power	Dimensions				Pole Pitch	Mass
			B	L	H	L ₁		
KPB-1F13	50 (1.96) × 125 (4.92)	250N (25kgf)	52	125 (4.92)	35	85 (3.34)	1.5 (0.5+1.0)	1.5kg / 3.3 lb × 2
KPB-1F18	50 (1.96) × 180 (7.08)	350N (35kgf)	(2.04)	180 (7.08)	(1.37)	110 (4.33)	0.05 (0.02+0.03)	2.2kg / 4.8 lb × 2
KPB-1F25	50 (1.96) × 250 (9.84)	500N (50kgf)		250 (9.84)		150 (5.90)		3.1kg / 6.8 lb × 2

Dual face type 2F model

Model	Nominal Dimension	Holding Power	Dimensions				Pole Pitch	Mass
			B	L	H	P		
KPB-2F13	50 (1.96) × 125 (4.92)	250N (25kgf)	52	125 (4.92)	50	1.5 (0.5+1.0)	2.5kg / 5.5 lb × 2	
KPB-2F18	50 (1.96) × 180 (7.08)	350N (35kgf)	(2.04)	180 (7.08)	(1.96)	0.05 (0.02+0.03)	3.6kg / 8.0 lb × 2	
KPB-2F25	50 (1.96) × 250 (9.84)	500N (50kgf)		250 (9.84)			5.0kg / 11.1 lb × 2	

※ The holding power is when they hold an SS400, 20-mm thick workpiece (ground surface) over the whole area.