Model EPB PERMANENT ELECTROMAGNETIC BLOCK

Environmentally friendly | Power saving | Minimal heat generation | Chuck controller required additionally

EPB-1F1625A　　EPB-1F2525A

[Application]
Designed for holding workpieces on such machines as machining centers and NC machine tools. Most suitable for machining workpieces by 5-face machining centers, etc.

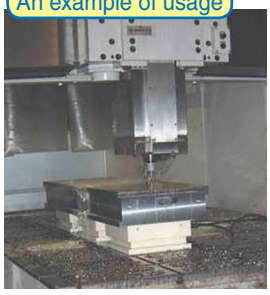
[Features]
- By securing a workpiece overhanging, the setup time on the 5-face machining center can be shortened.
- These blocks can be used in wet operations and therefore can be used like normal magnetic chucks.
- Since these blocks are of permanent electromagnetic type, the holding power is not affected by power failure or cable breakage. Also since very little heat is generated, thermal influence on workpiece is minimal.
- The metal connector design facilitates disconnection of the power cable. (Pallet change and external setup facilitated.)

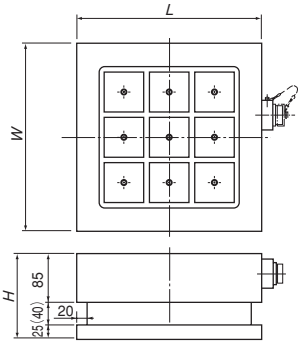
[mm (in)]

Model	Dimensions W	Dimensions L	Dimensions H	Pole Size	No.of Poles	Holding Power	Mass	Electro Chuck Master
EPB-1F1625A	160 (6.29)	250 (9.84)	150 (5.90)	70 (2.75)	2	11.8kN	40kg/ 88 lb	EPS-P2100B
EPB-1F2525A	250 (9.84)				4	23.5kN	60kg/132 lb	
EPB-1F3333A	330 (12.9)	330 (12.9)			9	53kN	120kg/264 lb	

※The chuck controller is not included.
※Turning the permanent electromagnetic blocks on and off must be limited to once per several minutes. If on/ off operations are repeated frequently, the blocks may be damaged by overheat.
※The holding power is based on a test piece of SS400, 50 mm thick, ground surface held on the whole face.

An example of usage

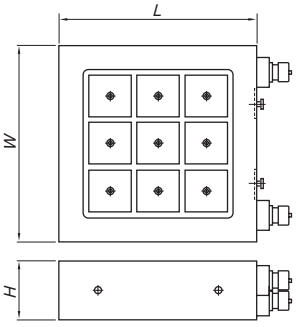




Model EPB-2F DOUBLE-FACE HOLDING PERMANENT ELECTROMAGNETIC BLOCK

Environmentally friendly | Power saving | Minimal heat generation | Chuck controller required additionally

EPB-2F2525



[Application]
Suitable for various cutting applications such as by the MC.

[Features]
- As a workpiece is held on both faces, no mechanical clamping is necessary. It can be set on the machine table easily.
- By securing a workpiece overhanging, five faces can be machined in one chucking to improve the machining efficiency and accuracy.
- Since these blocks are of permanent electromagnetic type, the holding power is not affected by power failure or cable breakage. Also since very little heat is generated, thermal influence on workpiece is minimal.
- The power cable is of metal connector type that can be disconnected easily to make it suitable for pallet change and external setup.
- Several blocks can be used at the same time according to workpiece sizes and machining conditions.

[mm (in)]

Model	Dimensions W	Dimensions L	Dimensions H	Pole Size	No. of Poles (per Face)	Holding Power	Mass	Electro Chuck Master
EPB-2F2525	250 (9.84)	250 (9.84)	100 (3.93)	70 (2.75)	4	23.6kN	40kg/ 88 lb	EPS-P2100B
EPB-2F3333	330 (12.9)	330 (12.9)			9	53.0kN	70kg/154 lb	

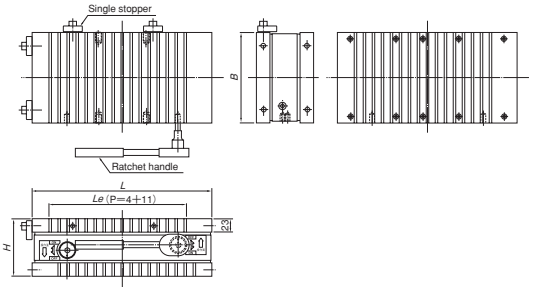
※The chuck controller is not included. ※Turning the permanent electromagnetic blocks on and off must be limited to once per several minutes. If on/ off operations are repeated frequently, the blocks may be damaged by overheat. ※The holding power is based on a test piece of SS400, 50 mm thick, ground surface held on the whole face.

Model RMA-2F POWERFUL DOUBLE-FACE HOLDING PERMANENT MAGNETIC BLOCK

RMA-2F1530

[Application]
Suitable for various cutting applications such as by the MC.

[Features]
- Since no mechanical clamping is required, setting on the machine table can be done easily to shorten the setup time.
- By securing a workpiece overhanging, five faces can be machined in one chucking.
- These blocks can be used in wet operations.
- These blocks are of permanent magnetic type that requires no power source. No troublesome work such as electrical connection is required and there is no fear of electrical troubles such as power failure and cable breakage.



[mm (in)]

Model	Dimensions B	Dimensions L	Dimensions H	Dimensions Le	Holding Power	Mass
RMA-2F1325	125 (4.92)	250 (9.84)	96 (3.77)	184 (7.24)	10kN	23kg/ 51 lb
RMA-2F1530	150 (5.90)	300 (11.8)		229 (9.01)	15kN	33kg/ 72 lb
RMA-2F2040	200 (7.87)	400 (15.7)	100 (3.93)	334 (13.1)	30kN	62kg/137 lb

※The holding power is based on a test piece of SS400, 50 mm thick, ground surface held on the whole face.