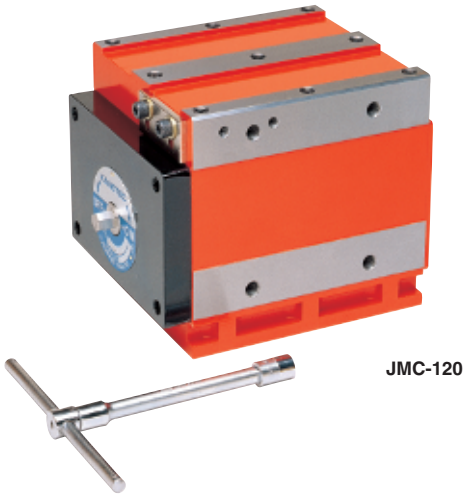
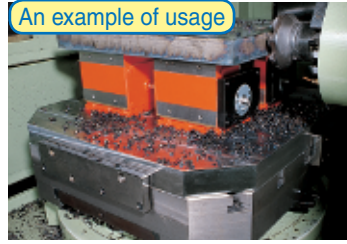


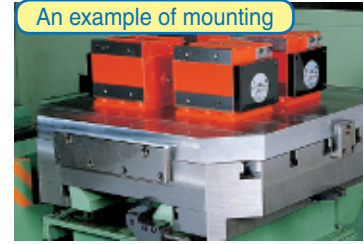
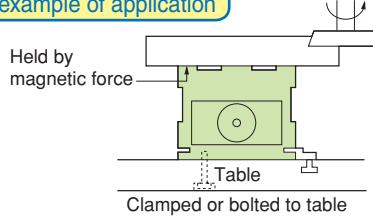
Model **JMC** MAGNETIC FIXTURE BLOCK



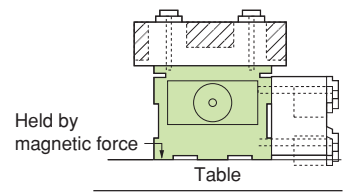
JMC-120



An example of application



An example of mounting



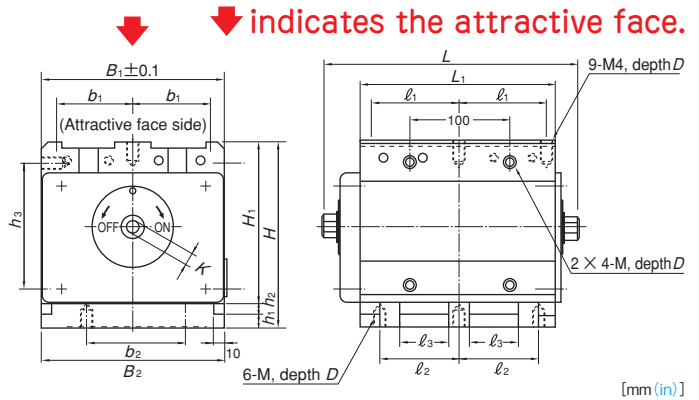
[Application]

Permanent magnetic blocks to hold workpieces strongly on machines such as the MC and NC.

Two types of clamping are available; magnet type and mechanical type by use of threaded holes.

[Features]

- A powerful permanent magnet used generates a strong magnetic force.
- The workpiece mounting and demounting time can be reduced significantly.
- Iron and nonmagnetic workpieces can be held by a magnet and mechanical clamping.
- These blocks can be connected to allow relatively large workpieces to be set.
- The blocks can be mounted vertically by using threaded holes on three faces (both faces and bottom face) other than the attractive face.



Model	Holding Power	Holding Face				Mounting Face				Side Face		Others				Height	Mass		
		B ₁	L ₁	b ₁	l ₁	B ₂	b ₂	l ₂	l ₃	h ₁	h ₂	H ₁	h ₂	L	K			M	D
JMC-75	7.5kN (750kgf)	136 (5.35)	180 (7.08)	59 (2.32)	77 (3.03)	134 (5.27)	80 (3.15)	70 (2.75)	50 (1.96)	10 (0.39)	11 (0.43)	124 (4.88)	80 (3.15)	244 (9.60)	11 (0.43)	M10 (0.39)	15 (0.59)	145 (5.70)	25kg/ 55 lb
JMC-120	12kN (1200kgf)	180 (7.08)	198 (7.79)	78 (3.07)	87 (3.42)	178 (7.00)	100 (3.93)	80 (3.15)	48 (1.89)		16 (0.62)	166 (6.53)	125 (4.92)	264 (10.3)	13 (0.51)	M12 (0.47)	18 (0.70)	192 (7.55)	50kg/110 lb

※ 1. The holding power is based on a test piece of SS400, 50 mm thick, ground surface held on the whole face. 2. An operating handle is included. The connecting parts are optional.
3. When several blocks are connected and the same faces are used, ground them together after connecting blocks to obtain a required flatness.

Model **EPB** PERMANENT ELECTROMAGNETIC BLOCK



Chuck controller required additionally

[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.)

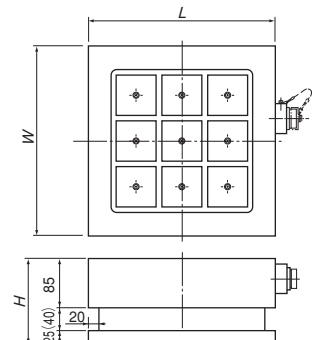


EPB-1F1625A



EPB-1F2525A

An example of usage



Model	Dimensions			Pole Size	No. of Poles	Holding Power	Mass	Electro Chuck Master
	W	L	H					
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)							
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.

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

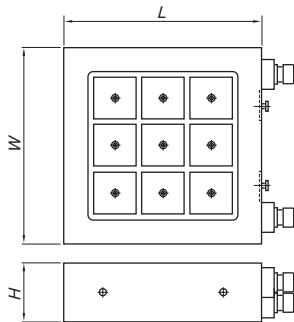
Model EPB-2F DOUBLE-FACE HOLDING PERMANENT ELECTROMAGNETIC BLOCK

Environmentally friendly



EPB-2F2525

Chuck controller required additionally



Model	Dimensions			Pole Size	No. of Poles (per Face)	Holding Power	Mass	Electro Chuck Master
	W	L	H					
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.
 ※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



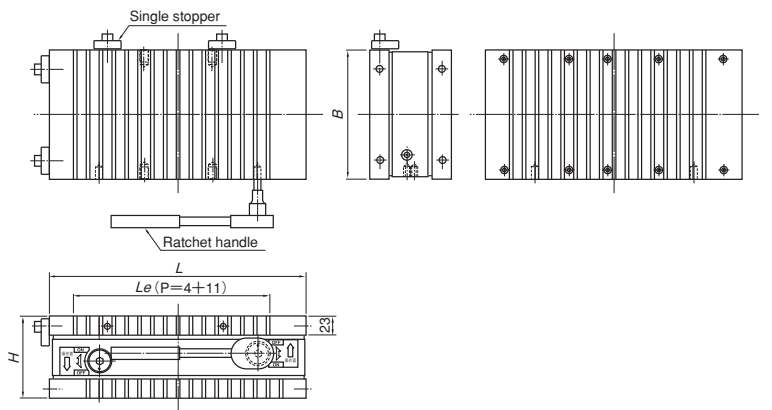
RMA-2F1530

[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.



Model	Dimensions				Holding Power	Mass
	B	L	H	Le		
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.

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