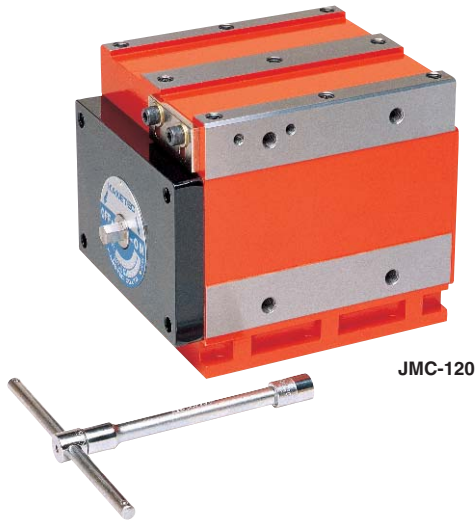


Model IMC MAGNETIC FIXTURE BLOCK

ELECTROMAGNETIC CHUCKS
CHUCKS
CONTROLLERS
PERMANENT MAGNETIC CHUCKS
ELECTROMAGNETIC CHUCKS

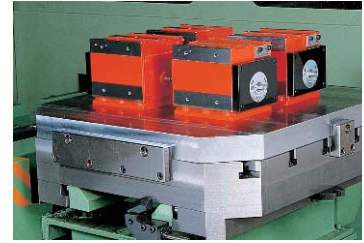


JMC-120

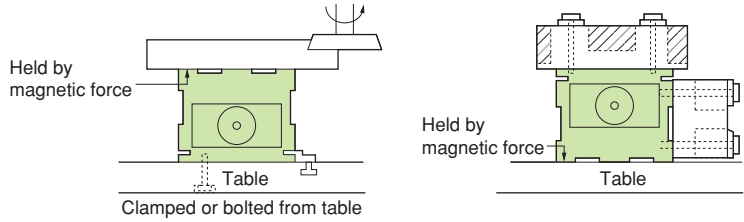
An example of usage



An example of installation



An example of application



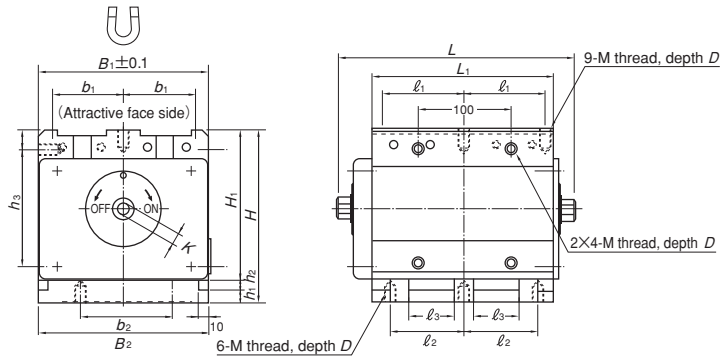
[Application]

Permanent magnetic blocks to hold workpieces strongly on machines.

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

[Features]

- A permanent magnet used produces strong magnetism.
- The workpiece mounting and dismounting 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 sides and bottom) other than the attractive face.



Model	Holding Power	Holding Face				Mounting Face				Side Face				Others				Height H	Mass
		B ₁	L ₁	b ₁	l ₁	B ₂	b ₂	l ₂	l ₃	h ₁	h ₂	H ₁	h ₃	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	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)	(0.39)	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 applies to SS400, 50 mm thick, ground surface held on 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.

BLOCKS FOR MC
VACUUM CHUCKS
PROMELTA SYSTEM
SINE BAR CHUCKS

Model EPB PERMANENT ELECTROMAGNETIC BLOCK

MAGNETIC BLOCKS
WORKING TOOLS
MEASURING TOOL HOLDERS
MAGNETIC HOLDERS
MAGNETIC TOOLS



Chuck controller required additionally

[Application]

These blocks are designed for holding workpieces on such machines as machining centers and NC machine tools. Suitable for machining workpieces by 5-face machining centers, etc.

[Features]

- By securing a workpiece overhanging, the 5-face machining center setup time 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 connecting joint facilitates disconnection of the power cable. (Pallet change and external setup supported.)

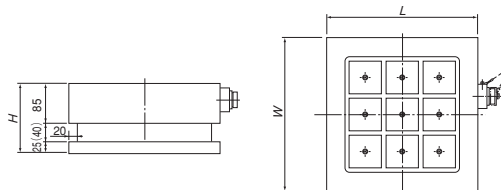
An example of usage



EPB-1F1625A



EPB-1F2525A



Model	Dimensions			Pole Size	No. of Poles	Holding Power	Mass	Electro Chuck Master
	Width	Length	Height					
EPB-1525	160 (6.29)	250 (9.84)	150 (5.90)	70 (2.75)	2	11.8kN	40kg/ 88 lb	EPS-P2100B
EPB-2525	250 (9.84)	350 (13.7)	150 (5.90)	70 (2.75)	4	23.5kN	60kg/ 132 lb	
EPB-3535	330 (12.9)	350 (13.7)	150 (5.90)	70 (2.75)	9	53kN	120kg/ 264 lb	

※ Turning the permanent electromagnetic chucks on and off must be limited to once per several minutes. If on/off operations are repeated frequently, the chucks may be damaged by overheat. ※ The holding power applies to SS400, 50 mm thick, ground surface held on whole face.