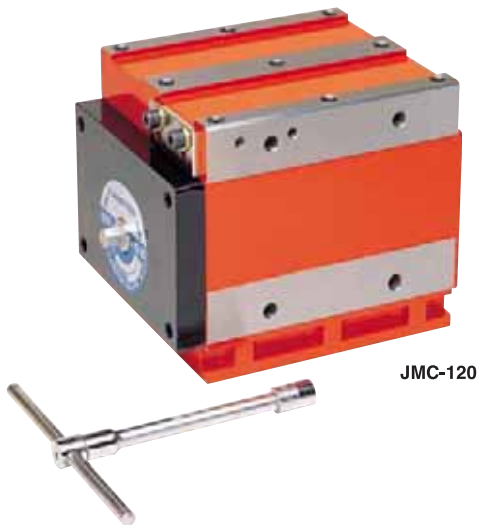


Model JMC MAGNETIC FIXTURE BLOCK



JMC-120

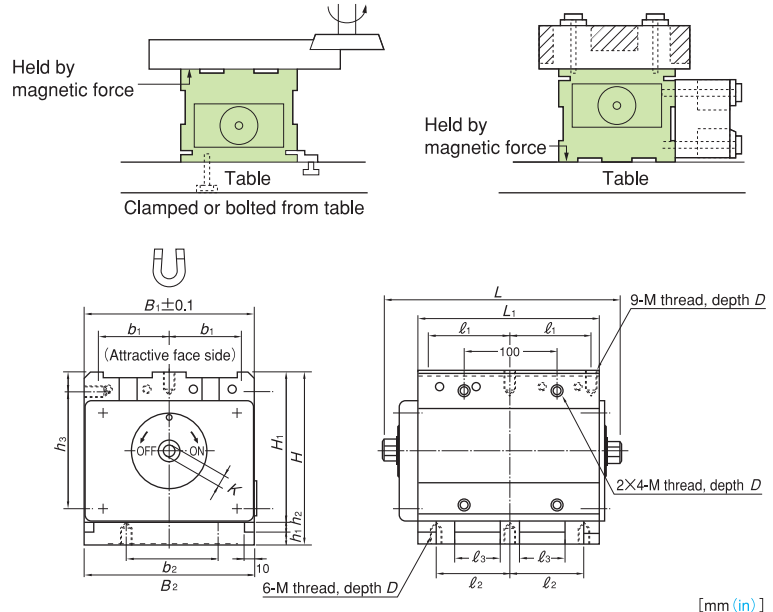
An example of usage



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	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		H
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 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.

Model EPB PERMANENT ELECTROMAGNETIC BLOCK



EPB-3535

An example of usage



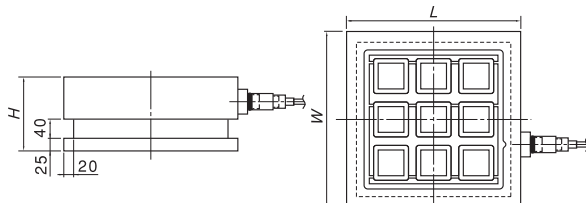
[Application]

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.)

Chuck controller required additionally



Model	Dimensions			Pole Size	No. of Poles	Holding Power	Mass	Electro Chuck Master
	Width	Length	Height					
EPB-1525	164 (6.45)	250 (9.84)	150 (5.90)	50 (1.96)	2	12.5kN	40kg/ 88 lb	EPS-P2100A
EPB-2525	250 (9.84)				4	25kN	60kg/ 132 lb	
EPB-3535	350 (13.7)	350 (13.7)			9	57kN	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.