

Fine pitch powerful magnetic bar

[mm (in)]

Model		Casing Pipe				Built-in Permanent Magnet	Surface Max. Magnetic Flux Density	Working Temperature Upper Limit	Mass
Without tapped hole	With tapped hole	Length	Diameter	Material	Surface finish				
PCMB-AM10	PCMB2-AM10	95(3.74)	φ 25.1 (0.99)	SUS316L	# 400 buffed	Nd rare earth type Property value 1.35T (13,500G)	1T (10000G)	80°C (176° F)	0.3kg/0.66 lb
PCMB-AM15	PCMB2-AM15	145(5.70)							0.5kg/1.10 lb
PCMB-AM20	PCMB2-AM20	194(7.63)							0.7kg/1.50 lb
PCMB-AM25	PCMB2-AM25	244(9.60)							0.9kg/1.98 lb
PCMB-AM30	PCMB2-AM30	295(11.6)							1.1kg/2.42 lb
PCMB-AM35	PCMB2-AM35	343(13.5)							1.2kg/2.64 lb
PCMB-AM40	PCMB2-AM40	393(15.4)							1.4kg/3.08 lb
PCMB-AM50	PCMB2-AM50	493(19.4)							1.8kg/3.96 lb
PCMB-AM60	PCMB2-AM60	592(23.3)							2.1kg/4.63 lb

※A casing pipe of SUS316 is also available.

※The tapped holes are M6-P1.0 and 7 mm deep, located in the center on both end faces.

※In order to increase the surface magnetic flux density, the wall thickness of the pipe needs to be decreased. If it is decreased, however, the strength may drop or the pipe may deform. Thus, for the safety reason, pipes of thickness thinner than specified above will not be manufactured.

Semi heat-resistant magnetic bar

[mm (in)]

Model		Casing Pipe				Built-in Permanent Magnet	Surface Max. Magnetic Flux Density	Working Temperature Upper Limit	Mass
Without tapped hole	With tapped hole	Length	Diameter	Material	Surface finish				
PCMB-QT10	PCMB2-QT10	95(3.74)	φ 25 (0.98)	SUS304	# 400 buffed	Nd rare earth type Property value 1.1T (11,000G)	0.8T (8000G)	150°C (302° F)	0.35kg/0.77 lb
PCMB-QT15	PCMB2-QT15	145(5.70)							0.5 kg/1.10 lb
PCMB-QT20	PCMB2-QT20	194(7.63)							0.7 kg/1.50 lb
PCMB-QT25	PCMB2-QT25	244(9.60)							0.85kg/1.87 lb
PCMB-QT30	PCMB2-QT30	295(11.6)							1.05kg/2.31 lb
PCMB-QT35	PCMB2-QT35	343(13.5)							1.2 kg/2.64 lb
PCMB-QT40	PCMB2-QT40	393(15.4)							1.4 kg/3.08 lb
PCMB-QT50	PCMB2-QT50	493(19.4)							1.75kg/3.85 lb
PCMB-QT60	PCMB2-QT60	592(23.3)							2.1 kg/4.63 lb

※A casing pipe of SUS316 is also available.

※The tapped holes are M6-P1.0 and 7 mm deep, located in the center on both end faces.

※In order to increase the surface magnetic flux density, the wall thickness of the pipe needs to be decreased. If it is decreased, however, the strength may drop or the pipe may deform. Thus, for the safety reason, pipes of thickness thinner than specified above will not be manufactured.

Heat-resistant powerful magnetic bar

[mm (in)]

Model		Casing Pipe				Built-in Permanent Magnet	Surface Max. Magnetic Flux Density	Working Temperature Upper Limit	Mass
Without tapped hole	With tapped hole	Length	Diameter	Material	Surface finish				
PCMB-T10	PCMB2-T10	95(3.74)	φ 25 (0.98)	SUS304	# 400 buffed	Nd rare earth type Property value 1.1T (11,000G)	0.8T (8000G)	240°C (464° F)	0.35kg/0.77 lb
PCMB-T15	PCMB2-T15	145(5.70)							0.5 kg/1.10 lb
PCMB-T20	PCMB2-T20	194(7.63)							0.7 kg/1.50 lb
PCMB-T25	PCMB2-T25	244(9.60)							0.85kg/1.87 lb
PCMB-T30	PCMB2-T30	295(11.6)							1.05kg/2.31 lb
PCMB-T35	PCMB2-T35	343(13.5)							1.2 kg/2.64 lb
PCMB-T40	PCMB2-T40	393(15.4)							1.4 kg/3.08 lb
PCMB-T50	PCMB2-T50	493(19.4)							1.75kg/3.85 lb
PCMB-T60	PCMB2-T60	592(23.3)							2.1 kg/4.63 lb

※A casing pipe of SUS316 is also available.

※The tapped holes are M6-P1.0 and 7 mm deep, located in the center on both end faces.

※In order to increase the surface magnetic flux density, the wall thickness of the pipe needs to be decreased. If it is decreased, however, the strength may drop or the pipe may deform. Thus, for the safety reason, pipes of thickness thinner than specified above will not be manufactured.

Heat resistant, high temperature with high magnetic force magnetic bar

[mm (in)]

Model		Casing Pipe				Built-in Permanent Magnet	Surface Max. Magnetic Flux Density	Working Temperature Upper Limit	Mass
Without tapped hole	With tapped hole	Length	Diameter	Material	Surface finish				
PCMB-AT10	PCMB2-AT10	95(3.74)	φ 25.1 (0.99)	SUS316L	# 400 buffed	Nd rare earth type Property value 1.2T (12,000G)	1T (10000G)	240°C (464° F)	0.35kg/0.77 lb
PCMB-AT15	PCMB2-AT15	145(5.70)							0.5 kg/1.10 lb
PCMB-AT20	PCMB2-AT20	194(7.63)							0.7 kg/1.50 lb
PCMB-AT25	PCMB2-AT25	244(9.60)							0.85kg/1.87 lb
PCMB-AT30	PCMB2-AT30	295(11.6)							1.05kg/2.31 lb
PCMB-AT35	PCMB2-AT35	343(13.5)							1.2 kg/2.64 lb
PCMB-AT40	PCMB2-AT40	393(15.4)							1.4 kg/3.08 lb
PCMB-AT50	PCMB2-AT50	493(19.4)							1.75kg/3.85 lb
PCMB-AT60	PCMB2-AT60	592(23.3)							2.1 kg/4.63 lb

※A casing pipe of SUS316 is also available.

※The tapped holes are M6-P1.0 and 7 mm deep, located in the center on both end faces.

※In order to increase the surface magnetic flux density, the wall thickness of the pipe needs to be decreased. If it is decreased, however, the strength may drop or the pipe may deform. Thus, for the safety reason, pipes of thickness thinner than specified above will not be manufactured.

Model PCMB-J WEAR-RESISTANT SANITARY TYPE MAGNETIC BAR



An example of incorporation of PCMB-J

Highly Resistant to Wear and Corrosion and Longer Life!

[Features]

- The stainless steel surface has been treated by Kanetec's original technology to provide high resistance to wear and corrosion.
- The surface is hardly susceptible to scratches and thus remains polished and glossy, requiring replacement less frequently for economical operations.

[mm (in)]

Model		Casing Pipe				Built-in Permanent Magnet	Surface Max. Magnetic Flux Density	Working Temperature Upper Limit	Mass
Without tapped hole	With tapped hole	Length	Diameter	Material	Surface finish				
PCMB-J10A	PCMB2-J10A	95(3.74)	φ 24.8 (0.97)	SUS316L	# 400 buffed + Titanium coating	Nd rare earth type Property value 1.4T (14,000G)	1.3T (13000G)	80°C (176° F)	0.3kg/0.66 lb
PCMB-J15A	PCMB2-J15A	145(5.70)							0.5kg/1.10 lb
PCMB-J20A	PCMB2-J20A	194(7.63)							0.7kg/1.50 lb
PCMB-J25A	PCMB2-J25A	244(9.60)							0.9kg/1.98 lb
PCMB-J30A	PCMB2-J30A	295(11.6)							1.1kg/2.42 lb
PCMB-J35A	PCMB2-J35A	343(13.5)							1.2kg/2.64 lb
PCMB-J40A	PCMB2-J40A	393(15.4)	1.4kg/3.08 lb						

※The tapped holes are M6-P1.0 and 7 mm deep, located in the center on both end faces.

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