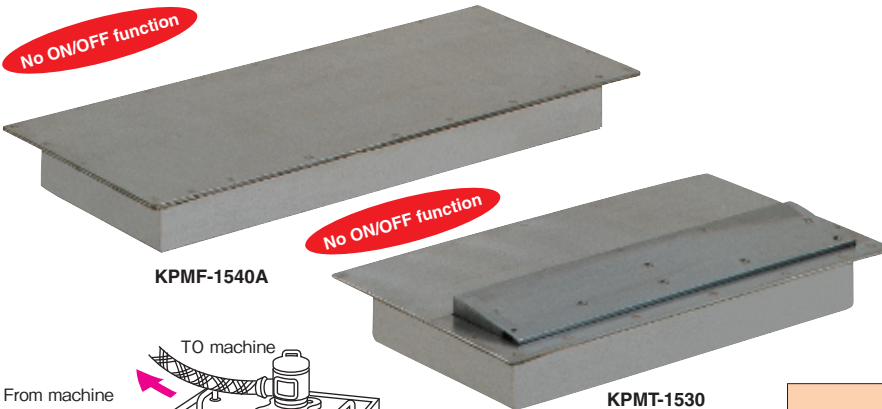


Model **KPM** PLATE MAGNET

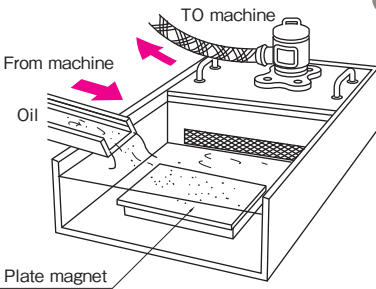


[Application]

These magnets are installed on chutes and hoppers to attract and separate magnetic substances such as iron powder from raw materials in chemical, drug and other fine particle industries.

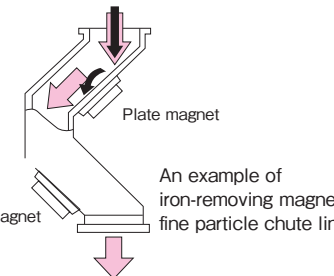
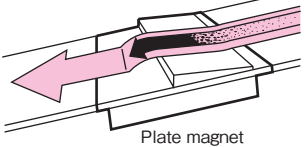
[Features]

- Strong attractive force. Compact and robust.
- Easy installation in any place as no power source is required.
- ※ Magnets with a grip and hinge are available optionally upon request.



Precautions for use
To use these magnets in liquids (e.g. water) other than oil, please specify "enclosed type."

Separated fine iron particles stopped against the flow of materials.



Model KPMF

- The whole surface is made of stainless steel (SUS304).
- Large attractive force over a long distance.
- The flange area can be worked on.
- ※ A type having a flange in a different position is also available.

Model KPMT

- An iron magnetic plate mounted on the attractive face of Model KPMF.
- The holding power is applied to the attracted iron pieces by the magnetic plate so that they will not be pushed forward by materials that follow.

Standard models

Flat type

Model	Dimensions				Attraction Capacity (Distance)			Mass					
	B	L	H	h	15-cm nail	M10 nut	M10×25 bolt						
KPMF-1515A	150 (5.90)	150 (5.90)	42.2 (1.66)	3.2 (0.12)	80-100 (3.15-3.93)	40- 60 (1.57-2.36)	60- 80 (2.36-3.15)	6kg/ 13.2 lb					
KPMF-1530A		300 (11.8)						11kg/ 24.2 lb					
KPMF-1535A		350 (13.7)						13kg/ 28.6 lb					
KPMF-1540A		400 (15.7)						15kg/ 33.0 lb					
KPMF-1545A		450 (17.7)						17kg/ 37.4 lb					
KPMF-1550A		500 (19.6)						18kg/ 39.6 lb					
KPMF-1560A		600 (23.6)						22kg/ 48.5 lb					
KPMF-2020A		200 (7.87)						55.5 (2.18)	3.5 (0.13)	100-130 (3.93-5.11)	60- 80 (2.36-3.15)	80-100 (3.15-3.93)	13kg/ 28.6 lb
KPMF-2030A		300 (11.8)											20kg/ 44.0 lb
KPMF-2040A		400 (15.7)											27kg/ 59.5 lb
KPMF-2050A	500 (19.6)	33kg/ 72.7 lb											
KPMF-2060A	600 (23.6)	40kg/ 88.1 lb											
KPMF-2080A	800 (31.5)	54kg/ 119.0 lb											
KPMF-3030A	300 (11.8)	29kg/ 63.9 lb											
KPMF-3040A	400 (15.7)	39kg/ 85.9 lb											
KPMF-3050A	500 (19.6)	49kg/ 108.0 lb											
KPMF-3060A	600 (23.6)	59kg/ 130.1 lb											
KPMF-3080A	800 (31.5)	79kg/ 174.2 lb											

※ Surface magnetic flux density 130 mT (1300 G) max.

With magnetic plate

Model	Dimensions				Attraction Capacity (Distance)			Mass					
	B	L	H	h	15-cm nail	M10 nut	M10×25 bolt						
KPMT-1515	150 (5.90)	150 (5.90)	43.5 (1.71)	3.2 (0.12)	80-100 (3.15-3.93)	40- 60 (1.57-2.36)	60- 80 (2.36-3.15)	7kg/ 15.0 lb					
KPMT-1530		300 (11.8)						12kg/ 26.4 lb					
KPMT-1540		400 (15.7)						16kg/ 35.2 lb					
KPMT-1550		500 (19.6)						20kg/ 44.0 lb					
KPMT-1560		600 (23.6)						24kg/ 52.9 lb					
KPMT-2020		200 (7.87)						56.5 (2.22)	3.5 (0.13)	100-130 (3.93-5.11)	60- 80 (2.36-3.15)	80-100 (3.15-3.93)	14kg/ 30.8 lb
KPMT-2040		400 (15.7)											29kg/ 63.9 lb
KPMT-2050		500 (19.6)											35kg/ 77.1 lb
KPMT-2060		600 (23.6)											42kg/ 92.5 lb
KPMT-3030		300 (11.8)											32kg/ 70.5 lb
KPMT-3040	400 (15.7)	42kg/ 92.5 lb											
KPMT-3050	500 (19.6)	53kg/ 116.8 lb											
KPMT-3060	600 (23.6)	63kg/ 138.9 lb											
KPMT-3080	800 (31.5)	84kg/ 185.2 lb											

※ Surface magnetic flux density 250 mT (2500 G) max.

Powerful models Powerful plate magnets using rare earth magnet

Flat type

Model	Dimensions				Attraction Capacity (Distance)			Mass			
	B	L	H	h	15-cm nail	M10 nut	M10×25 bolt				
KPMF-H1510	150 (5.90)	100 (3.93)	25 (0.98)	3.2 (0.12)	100-130 (3.93-5.11)	60- 80 (2.36-3.15)	80-100 (3.15-3.93)	3.0kg/6.61 lb			
KPMF-H1515		150 (5.90)						4.5kg/9.92 lb			
KPMF-H1520		200 (7.87)						5.5kg/12.1 lb			
KPMF-H1530		300 (11.8)						8.5kg/18.0 lb			
KPMF-H2020		200 (7.87)						200 (7.87)	8.0kg/17.6 lb		
KPMF-H2025		250 (9.84)						120-160 (4.72-6.29)	70-100 (2.75-3.93)	100-120 (3.93-4.72)	10.0kg/22.0 lb
KPMF-H2030		300 (11.8)						11.5kg/25.0 lb			
KPMF-H2040		400 (15.7)						15.5kg/34.1 lb			

※ Surface magnetic flux density 300 mT (3000 G) max.

With magnetic plate

Model	Dimensions				Attraction Capacity (Distance)			Mass			
	B	L	H	h	15-cm nail	M10 nut	M10×25 bolt				
KPMT-H1510	150 (5.90)	100 (3.93)	25 (0.98)	3.2 (0.12)	100-130 (3.93-5.11)	60- 80 (2.36-3.15)	80-100 (3.15-3.93)	4.0kg/8.80 lb			
KPMT-H1515		150 (5.90)						6.0kg/13.2 lb			
KPMT-H1520		200 (7.87)						8.0kg/17.6 lb			
KPMT-H1530		300 (11.8)						12.0kg/26.4 lb			
KPMT-H2020		200 (7.87)						10.0kg/22.0 lb			
KPMT-H2025		250 (9.84)						120-160 (4.72-6.29)	70-100 (2.75-3.93)	100-120 (3.93-4.72)	12.5kg/27.5 lb
KPMT-H2030		300 (11.8)						15.0kg/33.0 lb			
KPMT-H2040		400 (15.7)						20.0kg/44.0 lb			

※ Surface magnetic flux density 500 mT (5000 G) max.

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