

Model KF STEEL PLATE SEPARATOR "FLOATER"*

- Common specifications of KF types -

[Application]

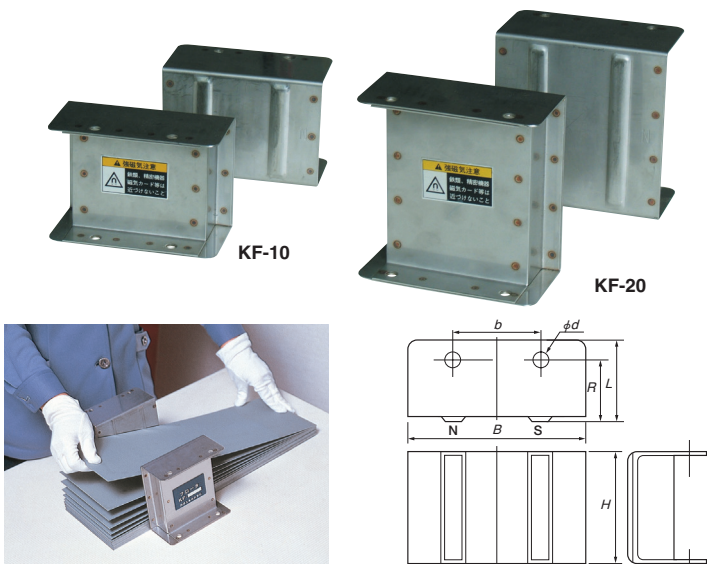
Suitable for separating stacked iron plates one by one and feeding them to machines (presses, shearing machines, etc.) and for installation as a separator at the take-out side for feeding steel plates one by one in the steel plate automatic feeding line.

For an example of usage, see page 89.

[Features]

- The two rails on the magnetic polar surface automatically separate steel plates without requiring mechanical separating work.
- Not only steel plates but also semi-finished pressed workpieces, circular workpieces and irregularly shaped workpieces can be separated at certain intervals by use of several units of Floater.
- One set consists of two units. (KF-HC/KF-Q excluded)

Model KF STANDARD FLOATER*



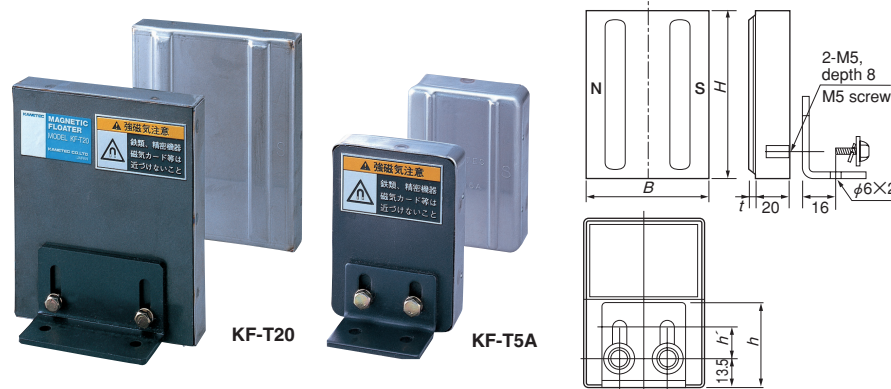
[Features]

- Standard type using a high-performance ferrite magnet. Can be mounted on machines easily and several units can be coupled according to size, shape and weight of steel plates.

A magnetic force ON/OFF type (electrical or air cylinder), which can separate steel plates one by one more smoothly than the standard type is also available. Please contact us.

Model	Dimensions				Mounting			Mass
	B	H	L	R	No. of holes	ϕd	b	
KF-5B	65 (2.55)	87 (3.42)	55.5 (21.8)	45.5 (1.79)	4	8 (0.31)	40 (1.57)	1.0kg/ 2.2 lb×2
KF-10	125 (4.92)		61.5 (2.42)	51.5 (2.02)			56 (2.20)	4.4 lb×2
KF-20		127 (5.00)		66.5 (2.61)			80 (3.15)	2.5kg/ 5.5 lb×2
KF-30	210 (8.26)		71.5 (2.81)	59.5 (2.34)			150 (5.90)	7.0kg/ 15 lb×2
KF-40		254 (10.0)					11 (0.43)	12.0kg/ 26 lb×2

Model KF-T THIN FLOATER*



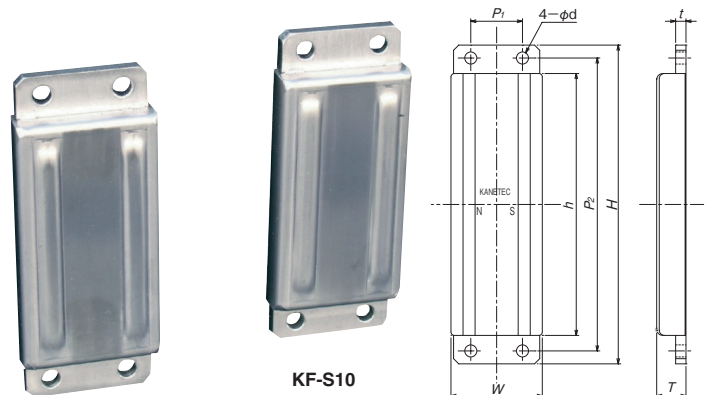
[Features]

- Thinner and smaller than the standard type, 20mm thick. This type can be mounted in a wide variety of locations, for example, direct mounting on a wall face or mounting with an L-shaped attachment.
- The mounting position is vertically adjustable when mounted with the included L-shaped attachment.

Model	Dimensions						Mass
	B	H	b	h	h'	t	
KF-T5A	62 (2.44)	87 (3.42)	25 (0.98)	30 (1.18)	10 (0.39)	1.0 (0.03)	0.7kg/ 1.5 lb×2
KF-T10	102 (4.01)	127 (5.00)	50 (1.96)	40 (1.57)	15 (0.59)	1.5 (0.05)	1.1kg/ 2.4 lb×2
KF-T20							1.6kg/ 3.5 lb×2

Model KF-S SLIM POWERFUL FLOATER*

Very slim and light weight!



[Features]

- The employment of a powerful rare earth magnet has significantly reduced the thickness to only 17 mm and the weight, but offers the separating performance equivalent to that of the standard type.
- This type can be mounted in various places such as direct mounting on a wall face and mounting in a very narrow place.

An example of steel plate separation by KF-S10



Model	Dimensions							Mass
	W	h	P ₁	P ₂	ϕd	H	T	
KF-S10		98 (3.86)		115 (4.52)		130 (5.12)		0.56kg/ 1.23 lb×2
KF-S15	53 (2.09)	152 (5.98)	30 (1.18)	170 (6.69)	7 (0.28)	185 (7.28)	6 (0.24)	0.8 kg/ 1.76 lb×2
KF-S20		206 (8.11)		225 (8.86)		240 (9.45)		1.05kg/ 2.31 lb×2

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