

Magnetic Catches

High Strength / Magnetic Force Selectable Type

Magnetic Catches – High Strength

Part Name	Material	Surface Treatment
Main Body	Zinc Alloy	Nickel Plating
Catch Plate	Low Carbon Steel	Trivalent Chromate
Magnet	Ferrite	—

Part Number		P	W	L	A	S	Retention Force (kgf)	Mass (g)
Type								
MGCSST	30	40	20	22	12	3	56	
	40	50	27	29	18	7	74	
	50	60	41	43	27	11	110	
	70	80	55	60	40	14	140	

Part Number Example

Part Number

MGCSST30

Magnetic Catches – Magnetic Force Selectable Type

Features

Magnetic Catches of selectable retaining forces with the same mounting pitch.

Part Name	Material	Surface Treatment
Main Body	Polypropylene	—
Catch Plate	Low Carbon Steel	Trivalent Chromate

Part Number	Retention Force (kgf)	Mass (g)
Type	No.	
MGCEJ	1	1.4
	2	3.4
	3	8

10 pcs. per package.

Magnetic Catches

Part Name	Material	Surface Treatment
Housing	304 Stainless Steel	Dark Brown Paint
Magnet	Ferrite	—
Plate	Low Carbon Steel	Chrome Plating

Part Number	Retention Force (kgf)	Mass (g)
HMEN-T	3	41
HMEN-T2	1.5	41

Part Number Example

Part Number

HMEN-T
HMENP

Magnetic Catches

Part Name	Material	Surface Treatment
Housing	304 Stainless Steel	Dark Brown Paint
Magnet	Ferrite	—
Plate	Low Carbon Steel	Trivalent Chromate

Part Number	Retention Force (kgf)	Mass (g)
HMENP	2.8	39

Application Example

How To Apply HMENP Magnetic Catches To Aluminum Extrusions

When mounting a 5 mm-thick panel to 40-Square Type.

When mounting a 5 mm-thick panel to 30-Square Type.

When mounting a 3 mm-thick panel to 30-Square Type.

When mounting a 3 mm-thick panel to 20-Square Type.

There's more on the web: misumiusa.com

Magnetic Catches

Thin / Ultrathin / Adjustable Type

Thin Magnetic Catches

Part Name	Material	Surface Treatment
Main Body	ABS Resin	—
Catch Plate	Low Carbon Steel	Chrome Plating
Magnet	Ferrite	—

Part Number	L	P	A	T	F	B	P ₁	Retention Force (kgf)	Mass (g)
MGCBU	49	34	17	6.5	16.5	24	13	0.9	15
	59	44	23.5	6.7	23	34	20	2.0	33
	70	55	24.5	7.7	24	45	30	3.5	49

10 pcs. per package.

Part Number Example

Part Number

MGCBU49

Ultra Thin Magnetic Catches

Part Name	Material	Surface Treatment
Main Body	Low Carbon Steel	Nickel Plating
Magnet	Neodymium	Nickel Plating

Part Number	Retention Force (kgf)	Mass (g)
Type	No.	
MGCM	1	1.5
	2	4

Part Number Example

Part Number

MGCM2

Magnetic Catches Adjustable Type

Part Name	Material	Surface Treatment
Main Body	Polypropylene	—
Catch Plate	Low Carbon Steel	Chrome Plating
Magnet	Ferrite	—

Part Number	Retention Force (kgf)	Mass (g)
Type	No.	
AMGCB	1	3.1

Features

The magnet position can be adjusted in 5 mm increments.

Part Number Example

Part Number

AMGCB1

Application Example

Use Countersink Screw M3

Magnet

Application Example

The catch portion moves fore and aft when the adjusting screw is turned.

Fore and Aft