

Magnetic Catches

High Strength Magnetic Catches / Magnetic Catches

Magnetic Catches

MGCE1S

MGCE1

MGCE2

No.	Part Name	Material	Surface Treatment
①	Housing	Aluminum Alloy	Anodize
②	Magnet	Ferrite	-
③	Catch Plate	SPCC	* Nickel Plating

* Trivalent Chromate for MGCE1 only

Part Number Type	No.	Retention Force (kgf)	Mass (g)	Unit Price 1 ~ 19 pc (s)	Volume Discount Rate 20~50
MGCE 1S	1	0.5	7.5		
MGCE 1	1	5.5	36.7		
MGCE 2	2	9	72		

Ordering Example Part Number **MGCE2**

Magnetic Catches

MGCB1

MGCB2

No.	Part Name	Material	Surface Treatment
①	Housing	BSP	Nickel Plating
②	Yoke	SPCC	Nickel Plating
③	Magnet	Ferrite	-
④	Base	Aluminum Alloy	Anodize
⑤	Catch Plate	SPCC	Nickel Plating

Part Number Type	No.	Holding Force (kgf)	Mass (g)	Unit Price 1 ~ 19 pc (s)	Volume Discount Rate 20~200
MGCB 1	1	7	32		
MGCB 2	2	10	63		

Ordering Example Part Number **MGCB1**

Magnetic Catches

MGCP

Mounting Hole Dimensions

Plate Thickness t	Mounting Hole Dimensions					
	MGCP1		MGCP2, MGCP3H		MGCP3	
	A	B	A	B	A	B
0.5	22.5	8.3	-	-	-	-
0.8	-	-	34.1	-	55.0	-
1.0	-	-	34.1	-	55.0	-
1.2	-	-	34.5	8.2	55.5	8.2
1.6	-	-	35.0	-	56.0	-
2.0	-	-	36.5	-	56.5	-

No.	Part Name	Material	Surface Treatment
①	Housing	ABS Resin	-
②	Base	SPCC	Trivalent Chromate

MGCP1, 2, 3 ... Ferrite Magnet
MGCP3H ... Neodymium Magnet

Part Number Type	No.	L1	L2	L3	B1	B2	H1	H2	H3	Retention Force (kgf)	Mass (g)	Unit Price 1 ~ 4 pc (s)	Volume Discount Rate 5~200
MGCP 1	1	24.2	22.4	15	8.2	9.6	12.3	10.9	0.9	1.3	5		
MGCP 2	2	40	33.9	21.6	-	-	13.5	11	1.2	2.2	9		
MGCP 3H	3H	64	54.5	43	8	10	14	11.5	1.5	4.5	20		

MGCP3H is a compact type of MGCP3 with the same retaining force.

Ordering Example Part Number **MGCP2**

High Strength Magnetic Catches

MGCST

Part Number Type	P	W	L	A	S	Retention Force (kgf)	Mass (g)	Unit Price 1 ~ 9 pc (s)	Volume Discount Rate 10~49	50~200
MGCST 30	30	40	20	22	12	3	56			
MGCST 40	40	50	27	29	18	7	74			
MGCST 50	50	60	41	43	27	11	110			
MGCST 70	70	80	55	60	40	14	140			

Part Name	Material	Surface Treatment
Main Body	Zinc Alloy	Nickel Plating
Catch Plate	SPCC	Trivalent Chromate
Magnet	Ferrite	-

Ordering Example Part Number **MGCST30**

Magnetic Catches Magnetic Force Selectable

MGCEJ

Features
Magnetic catches enabling a retaining force to be selected with the same mounting pitch.

Part Name	Material	Surface Treatment
Main Body	Polypropylene	-
Catch Plate	SPCC	Trivalent Chromate

Part Number Type	No.	Retention Force (kgf)	Mass (g)	Unit Price 1 ~ 9 pkg (s)	Volume Discount Rate 10~19	20~200
MGCEJ 1	1	1.4	18			
MGCEJ 2	2	3.4	18			
MGCEJ 3	3	8	18			

10 pcs. per package. Order quantity should be noted.

Ordering Example Part Number **MGCEJ1**

Magnetic Catches

HMEN-T HMEN-T2

Part Name	Material	Surface Treatment
Housing	SUS304	Dark Brown Paint
Magnet	Ferrite	-
Plate	SPCC	Chrome Plating

Part Number	Retention Force (kgf)	Mass (g)	Unit Price 1 ~ 9 pc (s)	Volume Discount Rate 10~50
HMEN-T	3	41		
HMEN-T2	1.5	41		

Ordering Example Part Number **HMEN-T HMENP**

Magnetic Catches

HMENP

Part Name	Material	Surface Treatment
Housing	SUS304	Dark Brown Paint
Magnet	Ferrite	-
Plate	SPCC	Trivalent Chromate

Part Number	Holding Force (kgf)	Mass (g)	Unit Price 1 ~ 9 pc (s)	Volume Discount Rate 10~50
HMENP	2.8	39		

How to Apply HMENP Magnetic Catches to Aluminum Extrusions.

