

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

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

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	7	32		
	2	10	63		

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	Plastic	-
②	Base	SPCC	Colored 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	24.2	22.4	15	8.2	9.6	12.3	10.9	0.9	1.3	5		
	2	40	33.9	21.6			13.5	11	1.2	2.2	9		
	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 Name	Material	Surface Treatment
Main Body	Zinc Alloy	Nickel Plating
Catch Plate	SPCC	Trivalent Chromate
Magnet	Ferrite	-

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	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			

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

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

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

10 pcs. per package

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.

