

Magnetic Catches for Aluminum Extrusions

Magnetic Catches with Sensor for Panels / Thin Magnetic Catches for Aluminum Extrusions

Magnetic Catches for Aluminum Extrusions * For magnets only, see HMEN-T P:1128

Parts	Material	Surface Treatment
Magnetic Catch	Housing: 304 Stainless Steel Magnet: Ferrite	Dark Brown Paint

RoHS10

HMEN-T Magnetic Catch **Catch Plate**

M3 Countersink

MG5-5 Plate **MG6-5 Plate** **MG8-5 Plate** **MG6-6 Plate** **MG8-6 Plate**

Part Number	Component										Unit Price	Volume Discount Rate	Selection Standards				
	Magnet Side					Door Side (Extrusion)							Door Side Plate	Body Side Extrusion	40, 45 Square		
HMEN	No.	Magnet	Retaining Force (Nkg)	Mounting Plate	For Magnet Mounting	For Extrusion Fitting	Nut	Quantity	Flathead Screw	Quantity	Nut	Quantity	1-4 pc(s).	5-50	20 Square	30 Square	40, 45 Square
	5-5	HMEN-T	29.4	MG5-5	SCB5-25	HNTT5-5	M3-6	1	HNTT5-3	2	M3-8	1			HMEN5-5	HMEN6-5	HMEN8-5
	6-5			MG6-5	SCB5-22	HNTT6-5	M3-6	1	HNTT6-3	2	M3-8	1					
	8-5			MG8-5	SCB5-15	HNTT8-5	M3-8	1	HNTT8-3	2	M3-10	1					
	6-6			MG6-6	SCB5-10	HNTT6-6	M3-8	1	HNTT6-3	2	M3-8	1					
	8-6			MG8-6	SCB5-12	HNTT8-6	M3-8	1	HNTT8-3	2	M3-8	1					
	6-8			MG6-8	SCB5-8	HNTT6-8	M3-8	1	HNTT6-3	2	M3-8	1					
	8-8			MG8-8	SCB5-15	HNTT8-8	M3-10	1	HNTT8-3	2	M3-10	1					

Magnetic Catches for Aluminum Extrusions * For magnets only, see MGCE P:1127

Parts	Material	Surface Treatment
Magnetic Catch	Housing: Aluminum Alloy Magnet: Ferrite Attraction Board: Low Carbon Steel	Anodize - Nickel Plating

RoHS10

ME5-5 Plate **ME6-5 Plate** **ME6-6 Plate** **MGCE1**

Part Number	Component										Unit Price	Volume Discount Rate	
	Extrusion Side					Door Side							
HMGCE	No.	Magnet	Mounting Plate	Mounting Screw	Nut	Quantity	Mounting Screw	Quantity	Mounting Screw	Nut	Quantity	1-9 pc(s).	10~
	5-5	MGCE1	ME5-5	SCB4-6	HNTT5-4	2	HFBCM3-6	2	HNTT5-3	2	HFBCM3-6		
	6-5		ME6-5	SCB4-8	HNTT6-4	2	HFBCM3-6	2	HNTT6-3	2	HFBCM3-6		
	6-6		ME6-6	SCB4-8	HNTT6-4	2	HFBCM3-8	2	HNTT6-3	2	HFBCM3-8		

Example

5-5 Mounting Example

6-5 Mounting Example

8-5 Mounting Example

6-6 Mounting Example

8-6 Mounting Example

8-8 Mounting Example

8-8 Mounting Example

8-8 Mounting Example

Dimensions in () are for 45 square extrusions.

Example

5-5 Mounting Example

6-5 Mounting Example

6-6 Mounting Example

Magnetic Catches with Sensor for Panels (Photo: HMGAR)

When the magnet housing and the catch plate are attracted, White-Red combination conducts. When the magnet housing and the catch plate are separated, White-Black combination conducts.

White Red Black COM NO NC

Max. Contact Capacity AC250V3A DC125V0.4A

Name of Parts	Material	Surface Treatment
Housing	Polyethylene	-
Plate	Low Carbon Steel	Trivalent Chromate

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Example

<Existing Product> **HFS6-3030**

<New Product> **HMGAL-6**

Wiring comes out from the side, which allows easy fitting into the extrusion slot. Wiring does not protrude from the extrusion since bending is not necessary.

Magnet Side	Mounting Plate for M5	Mounting Plate for M6 / M8	Door Side Plate
HMGAR (Wiring on the Right) (Drawing: HMGAL) HMGAL (Wiring on the Left)			
2-6.5x3.4 Slotted Hole	Plate Thickness 3.2mm	Plate Thickness 3.2mm	Plate Thickness 1.6mm

Part Number	Type	No.	Retaining Force N(kgf)	Mounting Plate	Magnet Side				Door Side		Unit Price	Volume Discount Rate			
					For Magnet Mounting	For Extrusion Fitting		Door Side	Mounting Acorn						
HMGAR (Wiring on the Right)		5	9.8	S5	Mounting Screw	Quantity	Screw	Quantity	Pre-Assembly Insertion Nut	Quantity	S Plate	M3x8	2	1-4 pc(s).	5~
HMGAL (Wiring on the Left)		6	(1)	S6	M3x6	2	SCB5-8	2	HNTT5-5	2	S Plate	M3x10	2		
		8		S8			SCB6-10		HNTT6-6						
							SCB6-15		HNTT8-6						

Thin Magnetic Catches for Aluminum Extrusions * For magnets only, see MGCBU P:1129

Parts	Material	Surface Treatment
Magnetic Catch	Housing: ABS Resin Resin Magnet: Ferrite Attraction Board: Low Carbon Steel	- - Chrome Plating

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MB5-5 **MB6-6** **MGCBU**

Part Number	Component										Unit Price	Volume Discount Rate										
	Extrusion Side					Door Side																
HMBCE	No.	Magnet	L	P	A	t	F	B	P1	Mounting Plate	Mounting Screw	Quantity	Nut	Quantity	Mounting Screw	Quantity	Mounting Screw	Quantity	Nut	Quantity	1-9 pc(s).	10~
	5-5	MGCBU49	49	34	17	6.5	16.5	24	13	MB5-5	SCB4-6	2	HNTT5-4	2	SCB3-6	4	HFBCM3-6	2	HNTT5-3	2		
	6-6	MGCBU59	59	44	23.5	6.7	23	34	20	MB6-6	SCB4-8	2	HNTT6-4	2	SCB3-6	4	HFBCM3-8	2	HNTT6-3	2		

Ordering Example **Part Number** **HMGAR-5** **HMBCE6-6** **Days to Ship** **Configure Online**

Ordering Example **Part Number** **HMEN6-6** **HMGCE5-5** **Days to Ship** **Configure Online**