

Magnetic Catches with Sensors for Aluminum Extrusions

Magnetic Catches for Panels

Magnetic Catches with Sensors for Aluminum Extrusions

RoHS 10

Parts	Material	Surface Treatment
Housing	Polybutylene Terephthalate (PBT)	-
Magnetic Catch	Terminal Cover: Polycarbonate	-
	Attraction Board: SPCC	Nickel Plating

K Magnet ON for Closing Position Contact Capacity
AC125V/3A
AC250V/3A
DC30V1.5A

Catch Plate

HMER-ML

ML5-5 Plate **ML6-6 Plate** **ML68-5, 8 Plate** **ML8-6 Plate** **MLG Plate**

5-5 Mounting Example **6-5 Mounting Example** **8-5 Mounting Example** **6-6 Mounting Example** **8-6 Mounting Example** **8-8 Mounting Example**

Dimensions in () are for 45 square extrusions. Catch plate for K Magnet is not used for 6-6. Catch plate for K Magnet is not used for 8-8.

Part Number	Component												Unit Price	Volume Discount Rate					
	Type	No.	Magnet	Retaining Force N(kgf)	Mounting Plate	Magnet Side				Door Side (Extrusion)									
						For Magnet Mounting				For Extrusion Fitting									
						Screw	Quantity	Flat Washer	Quantity	Screw	Quantity	Nut	Quantity	Flat Head Screw	Quantity	Nut	Quantity	1 - 4 pc(s)	
With Sensor HMER	5-5	5	K	29.4	ML5-5	SCB4-18	2	PWF4	2	SCB5-15	4	HNTT5-5	2	M3-6	2	HNTT5-3	2		
	6-5	6			ML68-5.8	HMGR-ML				SCB5-18	2	HNTT6-5	2						
	8-5	8			ML68-5.8	HMGR-ML				SCB5-22	2	HNTT8-5	2						
	6-6	6			ML6-6	MLG Plate	SCB5-10	2		SCB4-20	2	HNTT6-5	2	M3-8	2	HNTT6-3	2		
	8-6	8			ML8-6	HMGR-ML	SCB5-22	2		SCB4-18	2	HNTT8-5	2						
	8-8	8			ML68-5.8	MLG Plate	SCB4-18	2		SCB5-15	2	HNTT8-5	2	M3-8	2	HNTT8-3	2		

Mounting Plate (Non-Set)

HMER-ML

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Part Number	Unit Price	Volume Discount Rate
HMER-ML	1 ~ 9 pc(s)	10-50

Ordering Example: HMER-ML

Low Dust Generation Magnetic Catches
The encapsulated structure of the magnet is effective in preventing rust and dust.
These magnetic catches are the best for the use in clean rooms.

With Sensor
HMGN (Pre-Assembly Insertion Nut)
HMGN (Pre-Assembly Insertion Nut)
HMGN (Post-Assembly Fitting Nut)

Low Dust Generation
HMGCC (Pre-Assembly Insertion Nut)
HMGCC (Post-Assembly Fitting Nut)

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Parts	Material	Surface Treatment
Magnetic Catch	N Magnet: Polyethylene	-
	HMGR-T: Polyacetal	-
Door Side Plate	N Plate: SPCC	Zinc Plating Chromate (Trivalent Chromate)
	S Plate: SUS430	-
Mounting Plate	N Plate, S Plate: SPCC	Trivalent Chromate
	C Plate: Aluminum Alloy	-

Type	Magnet Side	Mounting Plate for M5	Mounting Plate for M6, M8	Door Side Plate
Magnetic Catches	N Magnet 2-7x3 Slotted Hole	N5 4-C4	N6, N8 4-C4	N Plate M3 Countersink
Magnetic Catches with Sensor	HMGR-T White Red Black COM NO NC Contact Capacity AC250V/3A DC125V0.4A	S5 4-C4	S6, S8 4-C4	S Plate 2-M3 Countersink
Low Dust Generation Magnet Catches	MGCC	C5 4-C4	C6, C8 4-C4	C Plate 2-M3 Countersink

Part Number	Type	No.	Magnet	Retaining Force N(kgf)	Mounting Plate	Component Magnet Side				Door Side		Pre-Assembly Fitting Nut	Post-Assembly Fitting Nut
						For Magnet Mounting	For Extrusion Fitting		Door Side Plate	Mounting Screw			
HMGN (Pre-Assembly Fitting Nut)	5	5	N Magnet	9.8 (1)	N5	SCB5-8	HNTT5-5	HNTA5-5	2	N Plate	M3x8	1	
HMGN (Post-Assembly Fitting Nut)	6	6			N6	SCB6-10	HNTT6-6	HNTA6-6	2		M3x10		
	8	8			N8	SCB6-15	HNTT8-6	HNTA8-6	2				
HMGR (Pre-Assembly Fitting Nut)	5	5	HMGR-T	19 (2)	S5	SCB5-8	HNTT5-5	HNTA5-5	2	S Plate	M3x8	2	
HMGR (Post-Assembly Fitting Nut)	6	6			S6	SCB6-10	HNTT6-6	HNTA6-6	2		M3x10		
	8	8			S8	SCB6-15	HNTT8-6	HNTA8-6	2				
HMGCC (Pre-Assembly Fitting Nut)	5	1	(MGCC1: Black)	MGCC1(1.0)	C5	SCB5-8	HNTT5-5	HNTA5-5	2	C Plate	M3x8		
HMGCC (Post-Assembly Fitting Nut)	6	2	(MGCC2: Gray)	MGCC2(1.4)	C6	SCB6-10	HNTT6-6	HNTA6-6	2		M3x10		
	8	3	(MGCC3: White)	MGCC3(2.0)	C8	SCB6-15	HNTT8-6	HNTA8-6	2				

Ordering Example Part Number - Magnet

HMGN6 - 1

HMGCC5 - 1

EX Example

Nut
Extrusion
Fixing Plate
Mounting Screw
Magnet
Mounting Screw