

Latch Magnets with Sensors for Aluminum Frames

CAD Date Folder Name: 41_Accessories

Latch Magnets with Sensors for Aluminum Frames
STOCK ITEM
 PRINTED IN NAVY

Parts	Material	Surface Treatment
Latch Magnets		
Housing	Polybutylene Terephthalate (PBT)	-
Terminal Cover	Polycarbonate	-
Absorption Board	SPCC	430 Stainless Steel

RoHS

K Magnet ON for Closing Position Contact Capacity AC125V3A AC250V3A DC30V1.5A

Catch Plate

HMER-ML

ML5-5 Plate **ML6-6 Plate** **ML68-5 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. Dimensions in () are for 45 square extrusions. Catch plate for K Magnet is not used for 8-8.

Part Number	Components										Unit Price	Volume Discount Rate
	Magnet Side					Door Side (Extrusion)						
Type	No.	Magnet	Installation Plate		For Magnet Mounting			For Frame Fitting			1-4 Qty.	5-50
			Screws	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity
With Sensor	5-5	K	ML5-5	2	SCB5-15	4	HNTT5-5	2	M3-6	HNTT5-3	722	685
HMER	6-5		ML68-5.8	2	SCB5-18	2	HNTT6-5	2	M3-6	HNTT6-3	740	703
	8-5		ML6-6	2	SCB5-22	2	HNTT8-5	2	M3-8	HNTT8-3	747	710
	6-6		ML6-6 (MLG Plate)	2	SCB4-20	2	HNTT6-5	2	M3-8	HNTT6-3	794	756
	8-6		ML8-6	2	SCB4-18	2	HNTT8-5	2	M3-10	HNTT8-3	940	895
	8-8	ML8-8	2	SCB5-22	2	SCB5-15	2	HNTT8-5	2	M3-10	1,165	1,120

Order Example
 Part Number: **HMER6-5**

Delivery: 1 Day 5 Days P87

Non-Set Mounting Plate HMER-ML

RoHS

Part Number	Unit Price	Volume Discount Rate
HMER-ML	121	10-50

For orders larger than indicated quantity, please request a quotation.

Order Example: Part Number **HMER-ML**

Delivery: 5 Days P87

Latch Magnets for Panels

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HMGN (Pre-Assembly Fitting Nut)
HMGNA (Post-Assembly Fitting Nut)

With Sensor
HMGR (Pre-Assembly Fitting Nut)
HMGRA (Post-Assembly Fitting Nut)

Low Particulate Generation
HMGCC (Pre-Assembly Fitting Nut)
HMGCCA (Post-Assembly Fitting Nut)

Dust-Proof Latch Magnets
 - The encapsulated structure of the magnet is effective in preventing rust and dust.
 - These latch magnets are the best for the use in clean rooms.

Parts	Material	Surface Treatment
Latch Magnets		
N Magnet	Polyethylene	-
HMGR-T	Polycetal	-
HMGCC	430 Stainless Steel	-
Door Side Plate	SPCC	430 Stainless Steel
N Plate/S Plate	430 Stainless Steel	-
C Plate	SPCC	430 Stainless Steel
Mounting Plate	Aluminum Alloy	-

Type	Magnet Side	Mounting Plate for M5	Mounting Plate for M6/M8	Door Side Plate
Latch Magnets	N Magnet 2-7x3 Slotted Hole	N5 Plate Thickness 3.2mm	N6 / N8 Plate Thickness 3.2mm	N Plate Plate Thickness 1.4mm
Latch Magnets with Sensor	HMGR-T * For non-set option, refer to P1073 White-Red combination conducts. White-Black combination conducts. Contact Capacity AC250V3A DC125V0.4A	S5 Plate Thickness 3.2mm	S6 / S8 Plate Thickness 3.2mm	S Plate Plate Thickness 1.6mm
Low Particulate Latch Magnets	MGCC * For non-set option, refer to P1072	C5 Plate Thickness 3mm	C6 / C8 Plate Thickness 3mm	C Plate Plate Thickness 1.5mm

Part Number	Type	No.	Magnet	Pull Force N (kgf)	Mounting Plate	Components				Pre-Assembly Fitting Nuts		Post-Assembly Fitting Nut			
						For Magnet Mounting	Magnet Side		Door Side	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate		
HMGN (Pre-Assembly Fitting Nut)	N Magnet	5	N Magnet	9.8 (1)	N5	SCB5-8	HNTT5-5	HNTA5-5	N Plate	M3x8	1	208	198	212	203
HMGNA (Post-Assembly Fitting Nut)		6			N6	SCB6-10	HNTT6-6	HNTA6-6		M3x10					
HMGNA (Post-Assembly Fitting Nut)		8			N8	SCB6-15	HNTT8-6	HNTA8-6		M3x10					
HMGR (Pre-Assembly Fitting Nut)	HMGR-T	5	HMGR-T	19 (2)	S5	SCB5-8	HNTT5-5	HNTA5-5	S Plate	M3x8	2	713	678	717	681
HMGR (Pre-Assembly Fitting Nut)		6			S6	SCB6-10	HNTT6-6	HNTA6-6		M3x10					
HMGR (Pre-Assembly Fitting Nut)		8			S8	SCB6-15	HNTT8-6	HNTA8-6		M3x10					
HMGCC (Pre-Assembly Fitting Nut)	Low Particulate Latch Magnets	5	MGCC1 (Black)	MGCC1 (1.0)	C5	SCB5-8	HNTT5-5	HNTA5-5	C Plate	M3x8	2	399	378	403	383
HMGCC (Pre-Assembly Fitting Nut)		6			C6	SCB6-10	HNTT6-6	HNTA6-6		M3x10					
HMGCCA (Post-Assembly Fitting Nut)		8			C8	SCB6-15	HNTT8-6	HNTA8-6		M3x10					

Order Example
 Part Number - Magnet
HMGN6
HMGCC5 - 1

Delivery: 1 Day 5 Days P87

EX Example

Nut
 Frame
 Fixing Plate
 Mounting Bolt
 Magnet
 Mounting Bolt