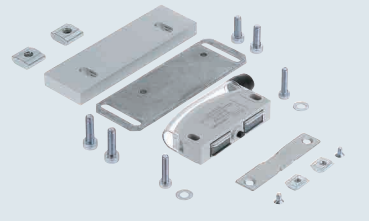


# Latch Magnets with Sensors / Non-Set Mounting Plate

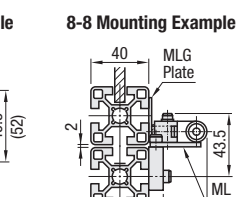
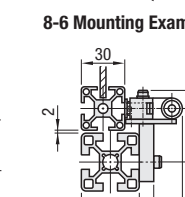
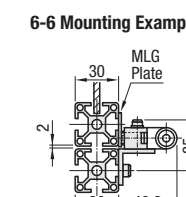
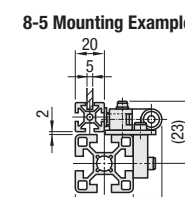
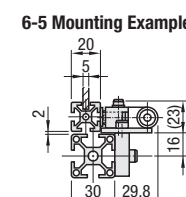
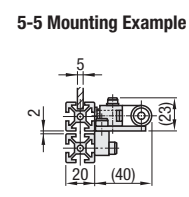
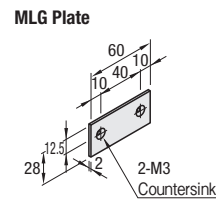
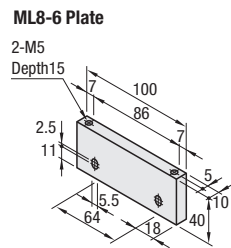
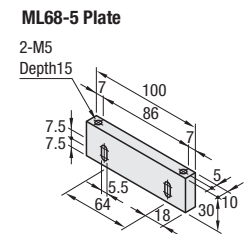
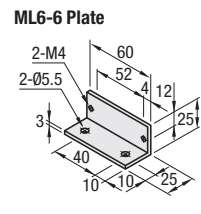
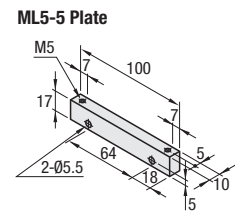
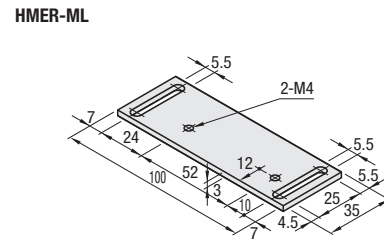
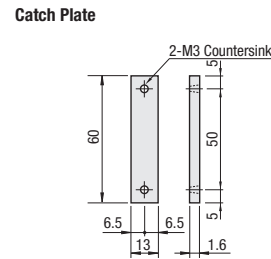
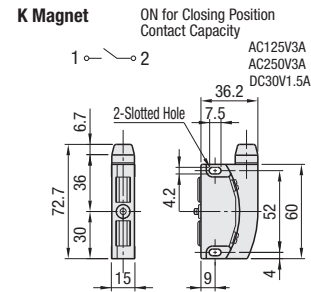
For Aluminum Extrusions

Latch Magnets with Sensors for Aluminum Extrusions



RoHS10

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

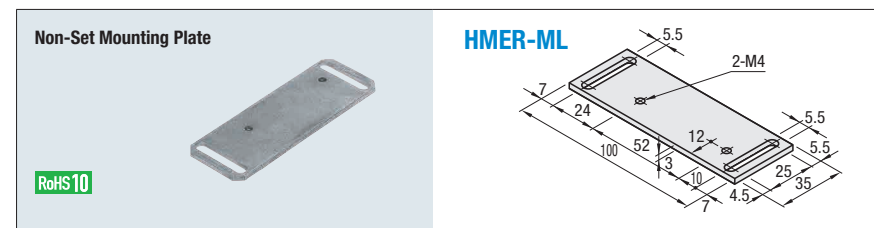


Dimensions in ( ) are for 45 square extrusions. ⚠ Catch plate for K Magnet is not used for 6-6.

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

Part Number	Components																														
	Type	No.	Magnet	Retaining Force N (kgf)	Magnet Side										Door Side (Extrusion)																
					For Magnet Mounting					Door Side (Extrusion) For Extrusion Fitting					Flat-head Screw	Nuts															
With Sensor HMGR	5-5	5	K Magnet	29.4 (3)	ML5-5	HMGR-ML	SCB4-18	2	PWF4	2	SCB5-15	4	—	—	HNTT5-5	M3-6	2	HNTT5-3													
	6-5	6			ML68-5,8	HMGR-ML	SCB5-10				2	SCB5-15	2	SCB5-18	2				HNTT8-5	M3-8	2	HNTT6-3									
	8-5	8			ML68-5,8	HMGR-ML	SCB5-22				2	SCB5-15	2	SCB4-20	2				HNTT8-5				M3-10	2	HNTT8-3						
	6-6	6			ML6-6	MLG Plate	SCB5-22				2	SCB5-15	2	SCB4-18	2				HNTT6-5							M3-10	2	HNTT6-3			
	8-6	8			ML8-6	HMGR-ML	SCB4-18				2	SCB5-15	2	HNTT8-5	2				HNTT8-5										M3-10	2	HNTT8-3
	8-8	8			ML68-5,8	HMGR-ML	SCB4-18				2	SCB5-22	2	SCB5-15	2				HNTT8-5												

Part Number Example: **HMGR6-5**



Part Number Example: **HMGR-ML**

# Latch Magnets

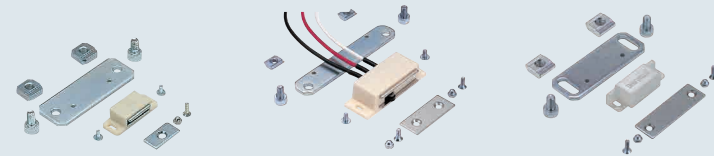
For Panels

Latch Magnets – For Panels

**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)



Low Particle Magnet Latches

- 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.

Parts	Material	Surface Treatment
Magnets Catch	N Magnet: Polyethylene HMGR-T: Polyacetal MGCC: Polyacetal	—
Door Side Plate	N Plate/S Plate: Low Carbon Steel C Plate: 430 Stainless Steel	Nickel Plating
Mounting Plate	N Plate/S Plate: Low Carbon Steel C Plate: Aluminum Alloy	Nickel Plating

Type	Magnet Side	Mounting Plate for M5	Mounting Plate for M6/M8	Door Side Plate
Latch Magnets	<b>N Magnet</b> 2-7x3 Slotted Hole Dimensions: 40x20x33x24x15x18x11	<b>N5</b> 4-C4 2-M3 2-06 Plate Thickness 3.2mm	<b>N6 / N8</b> 4-C4 2-M3 2-Slotted Hole Plate Thickness 3.2 mm	<b>N Plate</b> M3 Countersink Plate Thickness 1.4 mm
Latch Magnets with Sensor	<b>HMGR-T</b> * For non-set option, refer to P.3271 White-Red combination conducts. White-Black combination conducts. Contact Capacity: AC250V3A, DC125V0.4A 2-6.5x3.4 Slotted Hole Dimensions: 40x20x36x52x150x20x2	<b>S5</b> 4-C4 2-M3 2-06 Plate Thickness 3.2mm	<b>S6 / S8</b> 4-C4 2-M3 2-Slotted Hole Plate Thickness 3.2 mm	<b>S Plate</b> 2-M3 Countersink Plate Thickness 1.6 mm
Low Particulate Latch Magnets	<b>MGCC</b> 2-04 Dimensions: 45x36x29x7x12x15	<b>C5</b> 4-C4 2-M4 2-06 Plate Thickness 3 mm	<b>C6 / C8</b> 4-C4 2-M4 Plate Thickness 3 mm	<b>C Plate</b> 2-M3 Countersink Plate Thickness 1.5 mm

Part Number	Type	No.	Magnet	Retaining Force N (kgf)	Mounting Plate	Components									
						For Magnet Mounting		Magnet Side				Door Side			
						Mounting Screws	Qty	Screws	Qty	Pre-Assembly Fitting Nuts	Post-Assembly Fitting Nuts	Qty	Door Side Plate	Mounting Screw	Acorn Nut
<b>HMGN</b> Pre-Assembly Fitting Nut	5	5	N Magnet	9.8 (1)	N5	SCB5-8	2	HNTT5-5	2	HNTA5-5	2	N Plate	M3 x 8	1	
						SCB6-10	2	HNTT6-6	2	HNTA6-6	2	M3 x 10			
						SCB6-15	2	HNTT8-6	2	HNTA8-6	2	M3 x 10			
<b>HMGNA</b> Post-Assembly Fitting Nut	8	8	N Magnet	9.8 (1)	N8	SCB5-8	2	HNTT5-5	2	HNTA5-5	2	S Plate	M3 x 8	2	
						SCB6-10	2	HNTT6-6	2	HNTA6-6	2	M3 x 10			
						SCB6-15	2	HNTT8-6	2	HNTA8-6	2	M3 x 10			
<b>HMGR</b> Pre-Assembly Fitting Nut	5	5	HMGR-T	19 (2)	S5	SCB5-8	2	HNTT5-5	2	HNTA5-5	2	S Plate	M3 x 8	2	
						SCB6-10	2	HNTT6-6	2	HNTA6-6	2	M3 x 10			
						SCB6-15	2	HNTT8-6	2	HNTA8-6	2	M3 x 10			
<b>HMGRA</b> Post-Assembly Fitting Nut	8	8	HMGR-T	19 (2)	S8	SCB5-8	2	HNTT5-5	2	HNTA5-5	2	S Plate	M3 x 8	2	
						SCB6-10	2	HNTT6-6	2	HNTA6-6	2	M3 x 10			
						SCB6-15	2	HNTT8-6	2	HNTA8-6	2	M3 x 10			
<b>HMGCC</b> Pre-Assembly Fitting Nut	5	5	MGCC1: Black MGCC2: (1.4) MGCC3: (2.0)	1 (1.0) 2 (1.4) 3 (2.0)	C5	SCB5-8	2	HNTT5-5	2	HNTA5-5	2	C Plate	M3 x 8	2	
						SCB6-10	2	HNTT6-6	2	HNTA6-6	2	M3 x 10			
						SCB6-15	2	HNTT8-6	2	HNTA8-6	2	M3 x 10			

Part Number Example: **HMGN6** - Magnet **HMGCC5** - 1

