

2 Type

- A1** Magnetic surface top, with bore
- A2** Magnetic surface top, with slotted hole
- C1** Magnetic surface side, with bore
- C2** Magnetic surface side, with slotted hole

3 Identification

- W** Without strike plate
- F** With strike plate, with countersunk hole
- L2** With strike plate, L-profile, with slotted hole
- L3** With strike plate, L-profile, with slotted hole, extended
- Z2** With strike plate, Z-profile, with slotted hole
- Z3** With strike plate, Z-profile, with slotted hole, extended

Specification



- Magnet material
NdFeB
Neodymium, iron, boron
Temperature resistant up to 176 °F (80 °C)
- Housing
Zinc die-cast
Powder coated
Black, RAL 9005, textured finish **● SW**
Silver, RAL 9006, textured finish **● SR**
- Rubberized magnetic surface
Elastomer (TPE)
- Black
- Hardness ≈ 80 shore A
- Strike plate
Steel, zinc plated, blue passivated finish
- *Plastic Characteristics* → page 2135
- **RoHS compliant**

On request

- Other finishes
- Other magnetic forces
- Strike plates in other dimensions
- Strike plates in other shapes
- Strike plates with other finishes

Information

GN 4470 magnetic catches hold flaps, doors and sliding doors closed and are characterized by their compact design. The rubberized magnetic surface reduces noise and prevents damage to the mating part.

The different strike plates expand the range of applications and are used when magnetic catches are to be used in conjunction with non-magnetic mating parts.

For magnetic catches of types A1 and A2, full-surface contact in the area of the cover plate must be ensured during installation.

see also...

- *More Information on Retaining Magnets* → page 1990
- *Product Family Standard Parts for Profile Systems* → page 18
- *Ball Catches GN 4490 (Zinc Die-Cast)* → page 1305
- *Snap Door Latches EN 449 (Plastic)* → www.jwwinco.com
- *Ball Shaped Door Catches EN 450 (Plastic)* → page 1306

How to order	1 Length l_1
	2 Type
	3 Identification
	4 Finish

Universal table



Dimensions in: millimeters - inches

l ₁	b	d ₁	h ₁	k	l ₂		l ₃	m ₁	m ₂	s ₁	Nominal magnetic forces
					Type A1 / C1	Type A2 / C2					
50 1.97	7 0.28	5.5 0.22	10 0.39	4.6 0.18	12 0.47	30 1.18	24 0.94	38 1.50	18 0.71	0.5 0.02	30 N 6.74 lbf

Identification F

d ₂	l ₄	l ₅	m ₃	s ₂
4.5 0.18	10 0.39	40 1.57	30 1.18	2.5 0.10

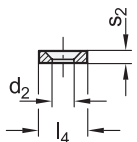
Identification L2 / Z2

d ₃	h ₂	h ₃	l ₆	l ₇	l ₈	m ₄	m ₅	m ₆	s ₃
5.5 0.22	12 0.47	12.5 0.49	26 1.02	13 0.51	28 1.10	16 0.63	10 0.39	9 0.35	2 0.08

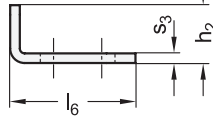
Identification L3 / Z3 (extended)

d ₃	h ₂	h ₃	l ₆	l ₇	l ₈	m ₄	m ₅	m ₆	s ₃
5.5 0.22	12 0.47	12.5 0.49	38 1.50	13 0.51	28 1.10	16 0.63	14 0.55	15 0.60	2 0.08

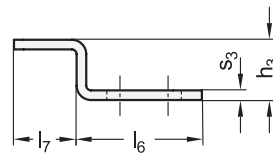
Identification F



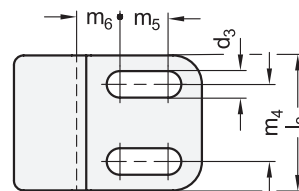
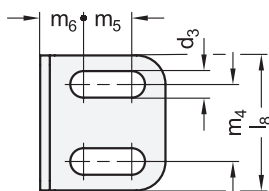
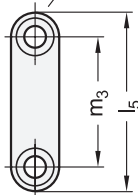
Identification L2 / L3



Identification Z2 / Z3

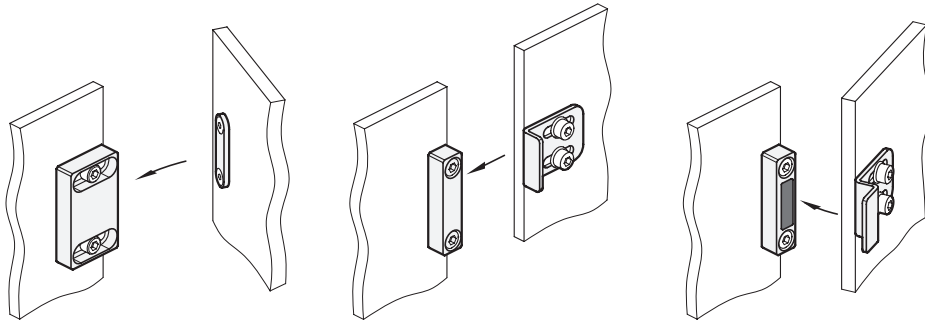


Bore for countersunk screw
DIN 7991-M4

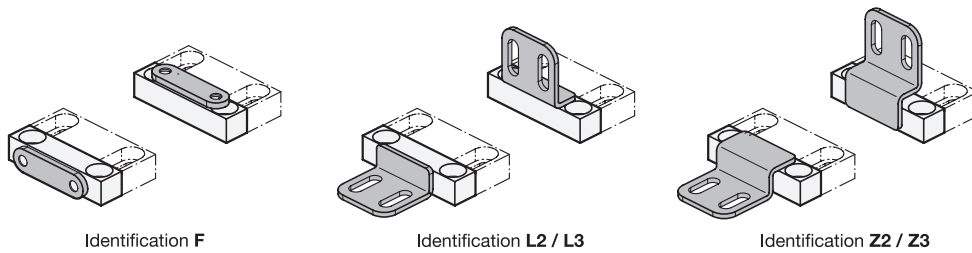


3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10

Application examples



Possible combinations magnetic catch - strike plate



Use on profile systems

Dimensions in: millimeters - inches

Profile system grid dimension	Magnetic catch with strike plate Type - Identification				
	A1 - L ...		A2 - Z ...	C2 - F	C2 - L ...
	Surface-mounted door	Surface-mounted door - Countersunk magnet	Inset door	Surface-mounted door	Sliding door
20 0.79					
30 1.18	-	L2	Z2 s = 0 - 10 mm (0 - 0.39")	F	L2 s = 0 - 10 mm (0 - 0.39")
40 1.57	-	L2	Z3 s = 0 - 15 mm (0 - 0.59")	F	L3 s = 0 - 15 mm (0 - 0.59")
45 1.77	L2	L3	Z3 s = 0 - 10 mm (0 - 0.39")	F	L3 s = 0 - 10 mm (0 - 0.39")
	L2	L3	Z3 s = 0 - 7 mm (0 - 0.28")	F	L3 s = 0 - 7 mm (0 - 0.28")