

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19

MATERIAL

Zinc-plated steel insert.

NO-SLIP COATING

Thermoplastic elastomer (TPE), hardness 80 shore A.

STANDARD EXECUTION

Magnet in neodymium iron boron (NdFeB)

D=18÷43 temperatures to 60°C, D=57÷88 temperatures up to 80°C.

- **RMG-ND-BK**: threaded hole, with no-slip coating in RAL 9011 black colour.

- **RMG-ND-WT**: threaded hole, with no-slip coating in RAL 9016 white colour.

Retaining magnets technical data (on page 1052).

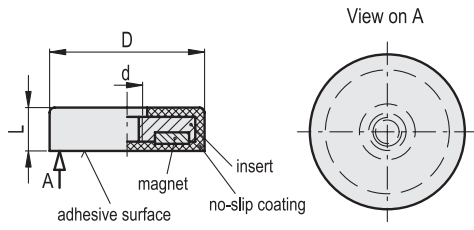
FEATURES AND APPLICATIONS

RMG flat retaining magnets are shielded magnetic systems with high performances and moderate overall dimensions.

The elastomer surface increases the friction coefficient when lateral retaining forces are present, giving a better adhesion. These magnets are preferably used for sensitive surfaces.



Conversion Table			
1 mm = 0.039 inch			
D		D	
mm	inch	mm	inch
12	0.47	43	1.68
18	0.70	57	2.22
22	0.86	66	2.57
31	1.21	88	3.43



RMG-ND-BK

METRIC

Code	Description	D	d	L	Nominal adhesive forces* [N]	⚖️
501596	RMG-ND-18-BK	18	M4	6	25	6
501601	RMG-ND-22-BK	22	M4	6	38	9
501611	RMG-ND-31-BK	31	M5	6	89	21
501621	RMG-ND-43-BK	43	M4	6	100	29
501626	RMG-ND-57-BK	57	M5	7.6	200	79
501631	RMG-ND-66-BK	66	M6	8.5	250	100
501641	RMG-ND-88-BK	88	M6	8.5	550	186
501591	RMG-ND-12-BK	12	M3	7	11	3.5

RMG-ND-WT

Code	Description	D	d	L	Nominal adhesive forces* [N]	⚖️
501597	RMG-ND-18-WT	18	M4	6	25	6
501603	RMG-ND-22-WT	22	M4	6	38	9
501613	RMG-ND-31-WT	31	M5	6	89	21
501623	RMG-ND-43-WT	43	M4	6	100	29
501627	RMG-ND-57-WT	57	M5	7.6	200	79
501633	RMG-ND-66-WT	66	M6	8.5	250	100
501643	RMG-ND-88-WT	88	M6	8.5	550	186
501592	RMG-ND-12-WT	12	M3	7	11	3.5

Industrial magnets

* The values of the nominal adhesive forces are approximate and refer to magnetic properties observed on laboratory samples.