Flat retaining magnets

threaded or plain pass-through hole







MATERIAL

Zinc-plated steel insert.

NO-SLIP COATING

Thermoplastic elastomer (TPE), hardness 80 Shore A.

STANDARD EXECUTION

(NdFeB) Neodymium- iron-boron retaining magnet, for temperatures up to 80°C.

- RMG-ND-BK: with no-slip coating in RAL 9011 black colour.
- RMG-ND-WT: with no-slip coating in RAL 9016 white colour.
- RMI-ND-BK: with no-slip coating in RAL 9011 black colour.
- RMI-ND-WT: with no-slip coating in RAL 9016 white colour. See Guidelines for the choosing (on page 1180).

FEATURES AND APPLICATIONS

RMG-RMI 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.



















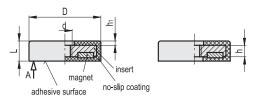




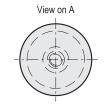


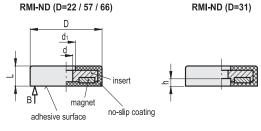


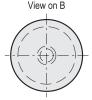




Conversion Table 1 mm = 0.039 inch mm inch mm inch 22 0.87 57 2.24 31 1.22 66 2.60 1.69 88







METRIC

RMG-ND-BK		RMG-ND-WT		▼						METRIC	
Code	Description	Code	Description	D	d	L	h	h1	Nominal adhesive forces* [N]	47	
501601	RMG-ND-22-BK	501603	RMG-ND-22-WT	22	M4	6	4.5	0.8	38	9	
501611	RMG-ND-31-BK	501613	RMG-ND-31-WT	31	M5	6	4.5	8.0	89	21	
501621	RMG-ND-43-BK	501623	RMG-ND-43-WT	43	M4	6	4.5	8.0	100	29	
501631	RMG-ND-66-BK	501633	RMG-ND-66-WT	66	M6	8.5	6	1.8	250	100	
501641	RMG-ND-88-BK	501643	RMG-ND-88-WT	88	M6	8.5	6	1.8	550	186	

RMI-ND-BK		RMI-ND-WT								
Code	Description	Code	Description	D	d	L	h	d1	Nominal adhesive forces* [N]	44
501801	RMI-ND-22-BK	501803	RMI-ND-22-WT	22	4	6	3.5	8.2	38	8
501811	RMI-ND-31-BK	501813	RMI-ND-31-WT	31	6	6	3.5	9	89	20
501821	RMI-ND-57-BK	501823	RMI-ND-57-WT	57	8	7.5	3.5	25.3	175	77
501831	RMI-ND-66-BK	501833	RMI-ND-66-WT	66	5.5	8.5	3.5	25	250	100

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

Industrial magnets