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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÷31 temperatures to 60°C, D=57÷66 temperatures up to 80°C.

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

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

Retaining magnets technical data (on page 756).

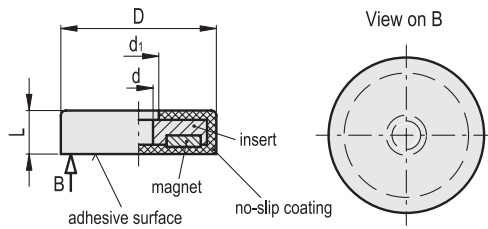
FEATURES AND APPLICATIONS

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

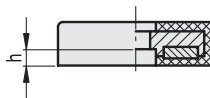
The elastomer surface increases the friction coefficient when lateral retaining forces are present, giving a better adhesion. These magnets are preferably used for sensitive surfaces.



RMI-ND (D=22 / 57 / 66)



RMI-ND (D=31)



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

RMI-ND-BK

METRIC

Code	Description	D	d	L	h	d1	Nominal adhesive forces* [N]	⚖
501791	RMI-ND-18-BK	18	3	6	3	8	25	5
501801	RMI-ND-22-BK	22	4	6	3.5	8.2	38	8
501811	RMI-ND-31-BK	31	6	6	3.5	9	89	20
501821	RMI-ND-57-BK	57	8	7.5	3.5	25.3	175	77
501831	RMI-ND-66-BK	66	5.5	8.5	3.5	25	250	100

RMI-ND-WT

Code	Description	D	d	L	h	d1	Nominal adhesive forces* [N]	⚖
501793	RMI-ND-18-WT	18	3	6	3	8	25	5
501803	RMI-ND-22-WT	22	4	6	3.5	8.2	38	8
501813	RMI-ND-31-WT	31	6	6	3.5	9	89	20
501823	RMI-ND-57-WT	57	8	7.5	3.5	25.3	175	77
501833	RMI-ND-66-WT	66	5.5	8.5	3.5	25	250	100

Industrial magnets

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