

MATERIAL

Glass-fibre reinforced polyamide based (PA) technopolymer housing.

MAGNET

(NdFeB) Neodymium- iron-boron, for temperatures up to 80°C.
See Retaining magnets technical data (on page 756).

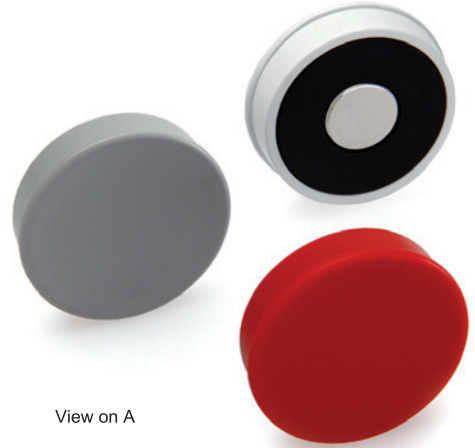
STANDARD EXECUTIONS

- RMT-ND-GR: RAL 7040 grey colour.
- RMT-ND-RD: red colour RAL 3031.
- RMT-ND-WT: white colour RAL 9003.
- RMT-ND-BK: RAL 9004 black colour.

FEATURES AND APPLICATIONS

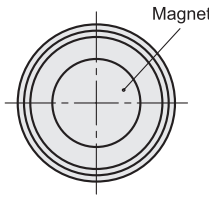
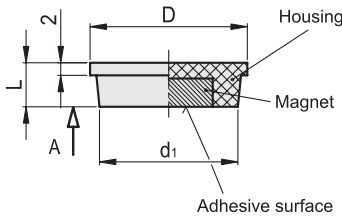
RMT flat retaining magnets are used mainly to lock designs and similar on a metal surface.

The neodymium-iron-boron (NdFeB) magnetic material is characterised by a high adhesive force.



View on A

Conversion Table	
1 mm = 0.039 inch	
D	
mm	inch
18	0.70
25	0.98
30	1.17
36	1.40
40	1.56



RMT-ND-GR

METRIC

Code	Description	D	L	d1	Nominal adhesive forces* [N]	⚖️
503001	RMT-ND-18-GR	18	8	14	10	3
503011	RMT-ND-25-GR	25	8	22	14	5
503021	RMT-ND-30-GR	30	7.5	28.5	27	8
503031	RMT-ND-36-GR	36	8.5	32.5	35	9
503041	RMT-ND-40-GR	40	8	36	35	11

RMT-ND-RD

Code	Description	D	L	d1	Nominal adhesive forces* [N]	⚖️
503003	RMT-ND-18-RD	18	8	14	10	3
503013	RMT-ND-25-RD	25	8	22	14	5
503023	RMT-ND-30-RD	30	7.5	28.5	27	8
503033	RMT-ND-36-RD	36	8.5	32.5	35	9
503043	RMT-ND-40-RD	40	8	36	35	11

RMT-ND-WT

Code	Description	D	L	d1	Nominal adhesive forces* [N]	⚖️
503005	RMT-ND-18-WT	18	8	14	10	3
503015	RMT-ND-25-WT	25	8	22	14	5
503025	RMT-ND-30-WT	30	7.5	28.5	27	8
503035	RMT-ND-36-WT	36	8.5	32.5	35	9
503045	RMT-ND-40-WT	40	8	36	35	11

RMT-ND-BK

Code	Description	D	L	d1	Nominal adhesive forces* [N]	⚖️
503007	RMT-ND-18-BK	18	8	14	10	3
503017	RMT-ND-25-BK	25	8	22	14	5
503027	RMT-ND-30-BK	30	7.5	28.5	27	8
503037	RMT-ND-36-BK	36	8.5	32.5	35	9
503047	RMT-ND-40-BK	40	8	36	35	11

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