

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

## MATERIAL

Zinc-plated steel threaded insert.

## NO-SLIP COATING

Thermoplastic elastomer (TPE), hardness 80 Shore A.

## STANDARD EXECUTION

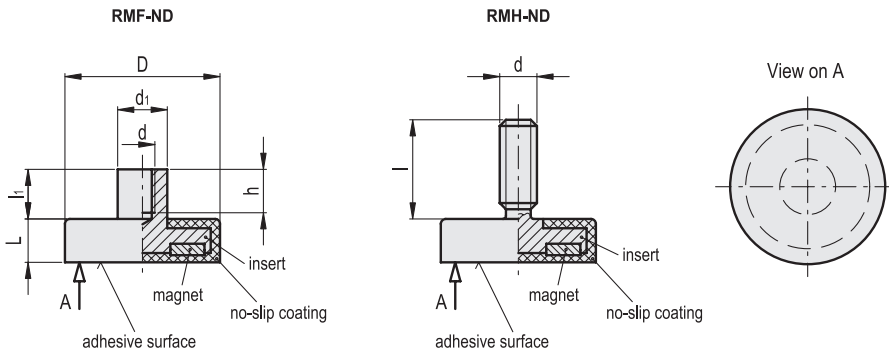
(NdFeB) Neodymium-iron-boron retaining magnet, for temperatures up to 80°C.

- **RMF-ND-BK**: female thread with threaded hole, no-slip coating in RAL 9011 black colour.
  - **RMF-ND-WT**: female thread with threaded hole, no-slip coating in RAL 9016 white colour.
  - **RMH-ND-BK**: male thread, no-slip coating in RAL 9011 black colour.
  - **RMH-ND-WT**: male thread, no-slip coating in RAL 9016 white colour.
- See Guidelines for the choosing (on page 1052).

## FEATURES AND APPLICATIONS

RMF-RMH 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.



### RMF-ND-BK

### RMF-ND-WT

| Code   | Description  | Code   | Description  | D  | d  | L   | h  | d1 | l1  | Nominal adhesive forces* [N] | ⚖️  |
|--------|--------------|--------|--------------|----|----|-----|----|----|-----|------------------------------|-----|
| 501501 | RMF-ND-12-BK | 501503 | RMF-ND-12-WT | 12 | M4 | 7   | 6  | 8  | 8   | 13                           | 6   |
| 501511 | RMF-ND-22-BK | 501513 | RMF-ND-22-WT | 22 | M4 | 6   | 5  | 8  | 5.5 | 58                           | 13  |
| 501521 | RMF-ND-31-BK | 501523 | RMF-ND-31-WT | 31 | M4 | 6   | 5  | 8  | 5.5 | 89                           | 22  |
| 501531 | RMF-ND-43-BK | 501533 | RMF-ND-43-WT | 43 | M4 | 6   | 5  | 8  | 4.5 | 100                          | 30  |
| 501541 | RMF-ND-66-BK | 501543 | RMF-ND-66-WT | 66 | M5 | 8.5 | 8  | 10 | 6.5 | 250                          | 105 |
| 501551 | RMF-ND-88-BK | 501553 | RMF-ND-88-WT | 88 | M8 | 8.5 | 11 | 12 | 8.5 | 550                          | 192 |

### RMH-ND-BK

### RMH-ND-WT

| Code   | Description  | Code   | Description  | D  | d  | L   | l   | Nominal adhesive forces* [N] | ⚖️  |
|--------|--------------|--------|--------------|----|----|-----|-----|------------------------------|-----|
| 501691 | RMH-ND-12-BK | 501693 | RMH-ND-12-WT | 12 | M4 | 7.5 | 8   | 13                           | 4.5 |
| 501701 | RMH-ND-22-BK | 501703 | RMH-ND-22-WT | 22 | M4 | 6   | 6.5 | 58                           | 11  |
| 501711 | RMH-ND-43-BK | 501713 | RMH-ND-43-WT | 43 | M6 | 6   | 15  | 100                          | 32  |
| 501721 | RMH-ND-66-BK | 501723 | RMH-ND-66-WT | 66 | M8 | 8.5 | 15  | 250                          | 107 |
| 501731 | RMH-ND-88-BK | 501733 | RMH-ND-88-WT | 88 | M8 | 8.5 | 15  | 550                          | 193 |

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