

## MATERIAL

Zinc-plated steel housing with threaded stud.

## STANDARD EXECUTIONS

- **RMB-HF**: hard ferrite magnet, resistant to temperatures up to 200°C.
- **RMB-ND**: (NdFeB) Neodymium- iron-boron magnet, resistant to temperatures up to 80°C.

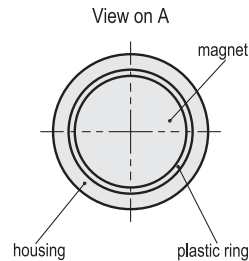
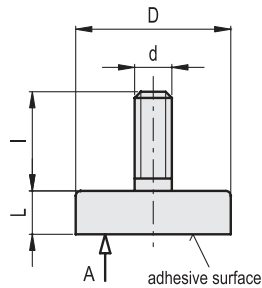
See Guidelines for the choosing (on page 1180).

## FEATURES AND APPLICATIONS

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



| Conversion Table<br>1 mm = 0.039 inch |      |    |      |
|---------------------------------------|------|----|------|
| D                                     |      |    |      |
| mm                                    | inch | mm | inch |
| 10                                    | 0.39 | 32 | 1.26 |
| 13                                    | 0.51 | 40 | 1.57 |
| 16                                    | 0.63 | 47 | 1.85 |
| 20                                    | 0.79 | 63 | 2.48 |
| 25                                    | 0.98 |    |      |



## RMB-HF

METRIC

| Code   | Description  | D            | d  | L             | I            | Nominal adhesive forces*<br>[N] | ⚖️  |
|--------|--------------|--------------|----|---------------|--------------|---------------------------------|-----|
| 501101 | RMB-HF-10-M3 | 10 +0.1/-0.1 | M3 | 4.5 +0.2/-0.1 | 7 +0.5/-0.5  | 4                               | 2   |
| 501103 | RMB-HF-13-M3 | 13 +0.1/-0.1 | M3 | 4.5 +0.2/-0.1 | 7 +0.5/-0.5  | 10                              | 3   |
| 501105 | RMB-HF-16-M3 | 16 +0.1/-0.1 | M3 | 4.5 +0.2/-0.1 | 7 +0.5/-0.5  | 18                              | 5   |
| 501107 | RMB-HF-20-M3 | 20 +0.1/-0.1 | M3 | 6 +0.2/-0.1   | 7 +0.5/-0.5  | 30                              | 10  |
| 501109 | RMB-HF-25-M4 | 25 +0.1/-0.1 | M4 | 7 +0.3/-0.1   | 8 +0.5/-0.5  | 40                              | 19  |
| 501111 | RMB-HF-32-M4 | 32 +0.1/-0.1 | M4 | 7 +0.3/-0.1   | 8 +0.5/-0.5  | 80                              | 30  |
| 501113 | RMB-HF-47-M6 | 47 +0.2/-0.1 | M6 | 9 +0.5/-0.1   | 8 +0.5/-0.5  | 180                             | 85  |
| 501115 | RMB-HF-63-M6 | 63 +0.3/-0.1 | M6 | 14 +0.5/-0.1  | 15 +0.5/-0.5 | 350                             | 233 |

## RMB-ND

| Code   | Description  | D            | d  | L             | I  | Nominal adhesive forces*<br>[N] | ⚖️ |
|--------|--------------|--------------|----|---------------|----|---------------------------------|----|
| 501131 | RMB-ND-10-M4 | 10 +0.1/-0.1 | M4 | 4.5 +0.1/-0.1 | 8  | 25                              | 3  |
| 501133 | RMB-ND-13-M5 | 13 +0.1/-0.1 | M5 | 4.5 +0.1/-0.1 | 8  | 60                              | 5  |
| 501135 | RMB-ND-16-M6 | 16 +0.1/-0.1 | M6 | 4.5 +0.1/-0.1 | 8  | 95                              | 5  |
| 501137 | RMB-ND-20-M6 | 20 +0.1/-0.1 | M6 | 6 +0.1/-0.1   | 10 | 140                             | 15 |
| 501139 | RMB-ND-25-M6 | 25 +0.1/-0.1 | M6 | 7 +0.2/-0.2   | 10 | 200                             | 27 |
| 501141 | RMB-ND-32-M6 | 32 +0.1/-0.1 | M6 | 7 +0.2/-0.2   | 10 | 350                             | 42 |
| 501143 | RMB-ND-40-M8 | 40 +0.1/-0.1 | M8 | 8 +0.2/-0.2   | 12 | 670                             | 80 |

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

