

## 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.

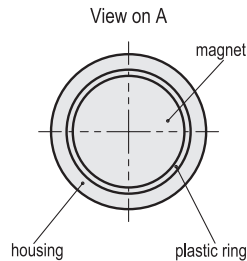
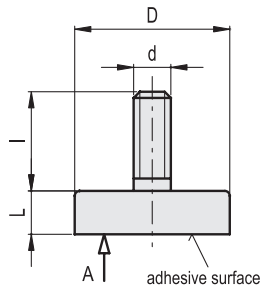
See Guidelines for the choosing (on page 1180).

## FEATURES AND APPLICATIONS

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



Conversion Table			
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	l	Nominal adhesive forces* [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	l	Nominal adhesive forces* [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.

