

RMP | Cylindric retaining magnets

threaded hole

METRIC

RoHS

AN

MATERIAL

Lacquered steel housing.

STANDARD EXECUTION

(AlNiCo) Aluminium-nickel-cobalt magnet, resistant to temperatures up to 450°C.

Red lacquering, resistant to temperatures up to 180°C. See Guidelines for the choosing (on page 1180).

FEATURES AND APPLICATIONS

RMP cylindric retaining magnets are shielded magnetic systems with high performances and moderate overall dimensions. For easier handling and for avoiding demagnetisation, these magnets have an iron plate on their adhesive surface.

RMQ | Cylindric retaining magnets

pass-through hole

RoHS

AN

STANDARD EXECUTION

(AlNiCo) Aluminium-nickel-cobalt magnet, resistant to temperatures up to 280°C.

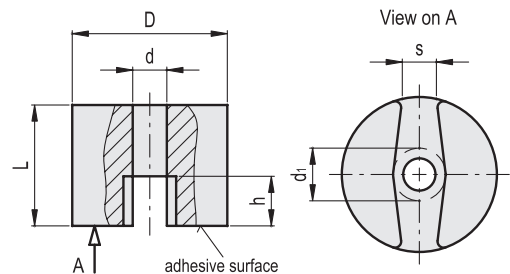
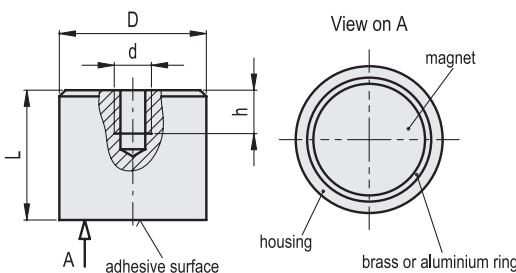
Red lacquering, resistant to temperatures up to 180°C. See Guidelines for the choosing (on page 1180).

FEATURES AND APPLICATIONS

RMQ cylindric retaining magnets are unshielded, cast, magnetic systems with high performances and moderate overall dimensions. They have a split adhesive surface. To ensure that the adhesive force is not impaired, the fixing screws must be made out of non-magnetic material. For easier handling and for avoiding demagnetisation, these magnets have an iron plate on their adhesive surface.



Conversion Table	
1 mm = 0,039 inch	
D	
mm	inch
12.5	0.49
13	0.51
17	0.67
19.1	0.75
21	0.83
25.4	1.00
27	1.06
31.8	1.25
35	1.38



METRIC

METRIC

Code	Description	D	d	L	h	Nominal adhesive forces* [N]	⚖️
502701	RMP-AN-12.5	12.5	M4	16	7	20	15
502711	RMP-AN-17	17	M6	16	5	26	29
502721	RMP-AN-21	21	M6	19	7	40	42
502731	RMP-AN-27	27	M6	25	9	65	89
502741	RMP-AN-35	35	M6	30	9	150	190

Code	Description	D	d	dmax Ø Screw head	L	h	s	Nominal adhesive forces* [N]	⚖️
502801	RMQ-AN-13	13	4.2	7	10	4.5	2	7	6
502811	RMQ-AN-19	19.1	4.8	8.7	12.7	6.5	5.7	19	23
502821	RMQ-AN-25	25.4	4.5	8.5	20	8	5.6	40	71
502831	RMQ-AN-32	31.8	7.1	10	25.4	12.7	7.9	66	132

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

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