

MATERIAL

Stainless steel.

MAGNET

(NdFeB) Neodymium- iron-boron, for temperatures up to 80°C.
See Retaining magnets technical data (on page 1052).

NO-SLIP COATING

(TPE) thermoplastic elastomer, black colour, 80 shore A.

STANDARD EXECUTIONS

- **RMU**: threaded pin
- **RMU-B**: threaded hole.

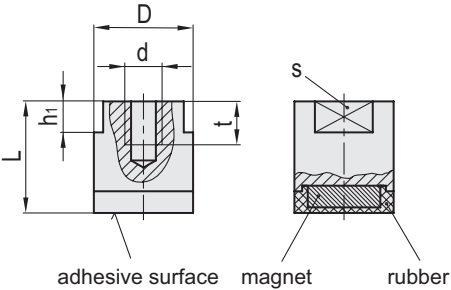
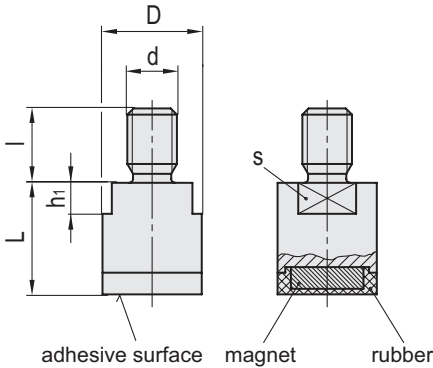
FEATURES AND APPLICATIONS

RMU cylindric retaining magnets are shielded magnetic systems with high performances and moderate overall dimensions.
The elastomer coating increases the friction coefficient when lateral retaining forces are present, giving a better adhesion to the supporting surface. Thus, they are generally preferred to prevent superficial scratches.



RMU

RMU-B



Conversion Table

1 mm = 0.039 inch

D

mm	inch
10	0.39
13	0.51
16	0.62
20	0.78
25	0.98

RMU

Code	Description	D+0.2 -0.2	d	L+0.2 -0.2	h1	l	s	Nominal adhesive forces* [N]	⚖
503091	RMU-SST-ND-10-M4	10	M4	14	4	6	8	9.5	7
503101	RMU-SST-ND-13-M6	13	M6	16	4	10	11	15	13
503111	RMU-SST-ND-16-M8	16	M8	18	5	12	13	23	24
503121	RMU-SST-ND-20-M10	20	M10	20	7	14	17	46	44
503131	RMU-SST-ND-25-M10	25	M10	22	7	14	21	95	74

RMU-B

Code	Description	D+0.2 -0.2	d	L+0.2 -0.2	h1	s	t	Nominal adhesive forces* [N]	⚖
503071	RMU-B-SST-ND-10-M4	10	M4	14	4	8	4	9.5	6.1
503072	RMU-B-SST-ND-13-M6	13	M6	16	4	11	6	15	12
503073	RMU-B-SST-ND-16-M8	16	M6	18	5	13	8	23	22
503074	RMU-B-SST-ND-20-M10	20	M8	20	7	17	8	46	39
503075	RMU-B-SST-ND-25-M10	25	M8	20	7	21	8	95	64

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