



STANDARD EXECUTIONS

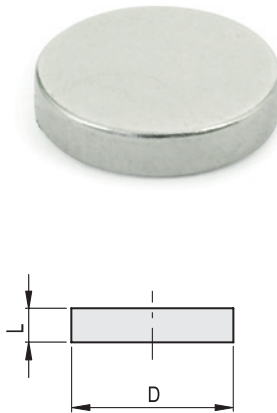
- **RMA-US-SC:** (SmCo) Samarium cobalt magnet, resistant to temperatures up to 200°C.
 - **RMA-US-ND:** (NdFeB) Neodymium- iron-boron magnet, resistant to temperatures up to 80°C, nickel-plated finish.
- See Guidelines for the choosing (on page 1180).

FEATURES AND APPLICATIONS

RMA-US retaining magnets are unshielded round magnets. They are mostly attached by gluing. When used without air gap, RMA-US unshielded magnets have lower adhesive forces than the magnet systems RMA (see page 1182) in which magnetic shielding increases enormously the intensity of the adhesive force acting on the surface.

SPECIAL EXECUTIONS ON REQUEST

- Retaining magnet made of ferrite, resistant to temperatures up to 200°C.



Conversion Table			
1 mm = 0.039 inch			
D		B	
mm	inch	mm	inch
4	0.16	7.5	0.29
5	2.20	10	0.39
6	0.24	12	0.47
8	0.31	16	0.63
10	0.39	18	0.71
12	0.47	26	1.02
15	0.59	33	1.30
18	0.71		
20	0.79		
24	0.94		



STANDARD EXECUTION

- **RMX-US-SC:** (SmCo) Samarium cobalt magnet, resistant to temperatures up to 200°C.
 - **RMX-US-ND:** (NdFeB) Neodymium- iron-boron magnet, resistant to temperatures up to 80°C, nickel-plated finish.
- Technical Data (on page 1180).

FEATURES AND APPLICATIONS

RMX-US retaining magnets are unshielded flat magnets. They are mostly attached by gluing. When used without air gap, RMX-US unshielded magnets have lower adhesive forces than the magnet systems RMA (see page 1182) in which magnetic shielding increases enormously the intensity of the adhesive force acting on the surface.

SPECIAL EXECUTIONS ON REQUEST

- Retaining magnet made of ferrite, resistant to temperatures up to 200°C.
- Other dimensions.

RMA-US-SC

METRIC

Code	Description	D \pm 0.1	L \pm 0.1	Nominal adhesive forces* [N]	⚖️
501091	RMA-US-SC-4-3	4	3	2.5	1
501092	RMA-US-SC-5-3	5	3	3.5	1
501093	RMA-US-SC-6-3	6	3	4	1
501094	RMA-US-SC-8-3	8	3	8	1
501095	RMA-US-SC-10-3	10	3	10	2
501096	RMA-US-SC-12-3	12	3	11	3
501097	RMA-US-SC-15-3	15	3	16	4
501098	RMA-US-SC-18-3	18	3	25	6
501099	RMA-US-SC-24-3	24	3	36	11

RMX-US-SC

METRIC

Code	Description	B \pm 0.1	H \pm 0.1	L \pm 0.1	Nominal adhesive forces* [N]	⚖️
503231	RMX-US-SC-7.5-4-1.5	7.5	4	1.5	3.4	1
503233	RMX-US-SC-7.5-6-2	7.5	6	2	5	1
503235	RMX-US-SC-10-7.5-2.5	10	7.5	2.5	7.5	1
503237	RMX-US-SC-12-9.5-2.5	12	9.5	2.5	11	2
503239	RMX-US-SC-16-12.5-2.5	16	12.5	2.5	15	4
503241	RMX-US-SC-18-16.5-4	18	16.5	4	29	10
503243	RMX-US-SC-26-20.3-5	26	20.3	5	51	22
503245	RMX-US-SC-33-26.3-6.5	33	26.3	6.5	85	47

RMA-US-ND

RMX-US-ND

Code	Description	D \pm 0.1	L \pm 0.1	Nominal adhesive forces* [N]	⚖️
501081	RMA-US-ND-4-3	4	3	4	1
501082	RMA-US-ND-5-3	5	3	5	1
501083	RMA-US-ND-6-3	6	3	7.5	1
501084	RMA-US-ND-8-3	8	3	13	1
501085	RMA-US-ND-10-3	10	3	15	2
501086	RMA-US-ND-12-3	12	3	20	2
501087	RMA-US-ND-15-3	15	3	28	4
501088	RMA-US-ND-18-3	18	3	35	5
501089	RMA-US-ND-20-3	20	3	42	7
501090	RMA-US-ND-24-3	24	3	55	10

Code	Description	B \pm 0.1	H \pm 0.1	L \pm 0.1	Nominal adhesive forces* [N]	⚖️
503201	RMX-US-ND-7.5-4-1.5	7.5	4	1.5	5	1
503203	RMX-US-ND-7.5-6-2	7.5	6	2	8	1
503205	RMX-US-ND-10-7.5-2	10	7.5	2	11	1
503207	RMX-US-ND-12-9.5-2.5	12	9.5	2.5	17	2
503209	RMX-US-ND-16-12.5-2.5	16	12.5	2.5	24	4
503211	RMX-US-ND-18-16.5-4	18	16.5	4	50	9
503213	RMX-US-ND-26-20.3-5	26	20.3	5	77	20
503215	RMX-US-ND-33-26.3-6.5	33	26.3	6.5	125	42

* 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 of laboratory samples.

