RoHS HF SC ND

STANDARD EXECUTIONS

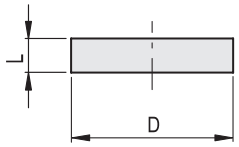
- **RMA-US-SC**: (SmCo) Samarium cobalt magnet, resistant to temperatures up to 350°C.
- **RMA-US-ND**: (NdFeB) Neodymium- iron-boron magnet, resistant to temperatures up to 80°C, nickel-plated finish.
- **RMA-US-HF**: hard ferrite magnet, resistant to temperatures up to 250°C.

Retaining magnets technical data.

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 RMA758) in which magnetic shielding increases enormously the intensity of the adhesive force acting on the surface.





RMA-US-SC

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	4
501097	RMA-US-SC-15-3	15	3	16	6
501098	RMA-US-SC-18-3	18	3	25	8
501099	RMA-US-SC-24-3	24	3	36	12
503401	RMA-US-SC-7-3	7	3	6	1
503402	RMA-US-SC-11-3.5	11	3.5	12	2
503403	RMA-US-SC-20-4	20	4	32	10
503404	RMA-US-SC-25-4	25	4	41	16

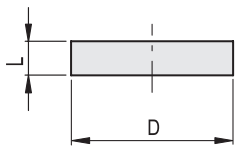
* The values of the nominal adhesive forces are approximate and refer to magnetic properties observed on laboratory samples.

RMA-US-ND

Code	Description	$D_{\pm 0.1}$	$L_{\pm 0.1}$	Nominal adhesive forces* [N]	⚖
501081	RMA-US-ND-4-3	4	3	3	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	10	2
501085	RMA-US-ND-10-3	10	3	15	2
501086	RMA-US-ND-12-3	12	3	20	2.5
501087	RMA-US-ND-15-3	15	3	28	5
501088	RMA-US-ND-18-3	18	3	35	8
501089	RMA-US-ND-20-3	20	3	42	9
501090	RMA-US-ND-24-3	24	3	39	13

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RMA-US-HF

Code	Description	D	$L_{\pm 0.1}$	Nominal adhesive forces* [N]	⚖
503381	RMA-US-HF-8-4	8 +0.5/0	4	1.7	1
503382	RMA-US-HF-11-4	10.7 +0.3/0	4	2.5	1
503383	RMA-US-HF-17.2-5,3	17.2 ±0.3	5.3	4	5
503384	RMA-US-HF-20-6	20 ±0.4	6	6	9
503385	RMA-US-HF-22-6	21.5 ±0.3	6	7.5	11
503386	RMA-US-HF-28-6	28 ±0.5	6	10	18
503387	RMA-US-HF-30-10	30.2 0/-0.8	10.3	16	36
503388	RMA-US-HF-30-6	30 ±0.5	6	11	20
503389	RMA-US-HF-40-7	40 ±0.8	7	19	45
503390	RMA-US-HF-51-8.4	51 ±1	8.4	24	90
503391	RMA-US-HF-70-15	70 ±1.5	15	71	280
503392	RMA-US-HF-87-18	87 ±1.5	18	85	500
503393	RMA-US-HF-108-21	108 0/-1	21	100	920

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

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