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**STANDARD EXECUTIONS**

- **RMD-US-SC:** (SmCo) Samarium cobalt magnet, resistant to temperatures up to 200°C.
  - **RMD-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**

RMD-US retaining magnets are unshielded round magnets. They are mostly attached by gluing. When used without air gap, RMD-US unshielded magnets have lower adhesive forces than the magnet systems RMD. (see page 1186) in which magnetic shielding increases enormously the intensity of the adhesive force acting on the surface.

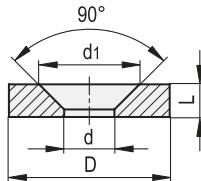


**SPECIAL EXECUTIONS ON REQUEST**

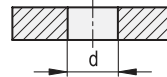
Retaining magnet made of ferrite, resistant to temperatures up to 200°C.

Conversion Table	
1 mm = 0.039 inch	
D	
mm	inch
12	0.47
15	0.59
18	0.71
24	0.94
32	0.26
48	1.89
56	2.20

RMD-US-ND (D ≤ 24)



RMD-US-ND (D ≥ 32)  
RMD-US-SC



**METRIC**

**RMD-US-SC**

Code	Description	D	d±0.1	L±0.1	Nominal adhesive forces* [N]	⚖
501371	RMD-US-SC-15-8-3.5	15 ±0.1	8	3.5	23	4
501372	RMD-US-SC-18-8-4	18 ±0.1	8	4	31	7
501373	RMD-US-SC-24-11.5-4	24 ±0.1	11.5	4	51	12
501374	RMD-US-SC-32-10-4	32 ±0.1	10	4	67	24

**RMD-US-ND**

Code	Description	D	d±0.1	d+0.5	L±0.1	Nominal adhesive forces* [N]	⚖
501361	RMD-US-ND-12-3.5-3	12 ±0.1	3.5	6.6	3	18	2
501362	RMD-US-ND-15-4.5-3.5	15 ±0.1	4.5	9.3	3.5	29	4
501363	RMD-US-ND-18-4.5-4	18 ±0.1	4.5	9.3	4	41	7
501364	RMD-US-ND-24-5.5-4	24 ±0.1	5.5	11.5	4	66	12
501365	RMD-US-ND-32-10.5-2	32 ±0.1	10.5	-	2	42	11
501366	RMD-US-ND-38-12-4	38 ±0.1	12	-	4	110	30
501367	RMD-US-ND-48-15-5	48 ±0.2	15	-	5	165	61
501368	RMD-US-ND-56-15-6	56 ±0.2	15	-	6	230	102