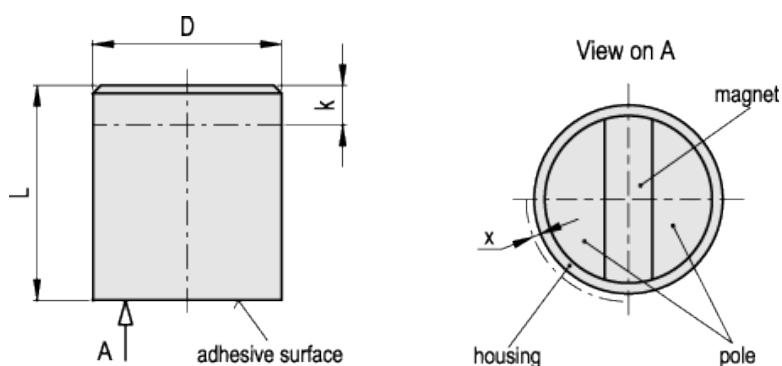


RMM

Cylindric retaining magnets



Elesa Standards		Main dimensions				Nominal adhesive forces *		Weight
Code	Description	D_{h6}	L	k #	x	[N]		g
502101	RMM-ND-6	6	20 _{+0.2/-0.2}	10	1.5	10		5
502103	RMM-ND-8	8	20 _{+0.2/-0.2}	10	1.5	22		8
502105	RMM-ND-10	10	20 _{+0.2/-0.2}	8	2	45		12
502107	RMM-ND-13	13	20 _{+0.2/-0.2}	6	2.5	70		20
502109	RMM-ND-16	16	20 _{+0.2/-0.2}	2	3	150		30
502111	RMM-ND-20	20	25 _{+0.2/-0.2}	5	4	280		59
502113	RMM-ND-25	25	35 _{+0.3/-0.3}	7	5	450		132
502115	RMM-ND-32	32	40 _{+0.3/-0.3}	4.5	6	700		246
502201	RMM-SC-6	6	20 _{+0.2/-0.2}	10	1.5	8		5
502203	RMM-SC-8	8	20 _{+0.2/-0.2}	10	1.5	22		8
502205	RMM-SC-10	10	20 _{+0.2/-0.2}	8	2	40		12
502207	RMM-SC-13	13	20 _{+0.2/-0.2}	6	2.5	60		20
502209	RMM-SC-16	16	20 _{+0.2/-0.2}	2	3	125		30
502211	RMM-SC-20	20	25 _{+0.2/-0.2}	5	4	250		60
502213	RMM-SC-25	25	35 _{+0.3/-0.3}	7	5	400		134
502215	RMM-SC-32	32	40 _{+0.3/-0.3}	4.5	6	600		251

Elesa Standards		Main dimensions				Nominal adhesive forces *	Weight
Code	Description	D _{h6}	L	k #	x	[N]	g

k is the maximum dimension up to which the magnet can be shortened without losing its properties.* The values of the nominal adhesive forces are approximate and refer to magnetic properties of laboratory samples.

Material

Brass housing.

Standard executions

- RMM-SC: (SmCo) Samarium cobalt magnet, resistant to temperatures up to 200°C.
- RMM-ND (with blue inked adhesive surface): (NdFeB) Neodymium- iron-boron magnet, resistant to temperatures up to 80°C.

[Technical data.](#)

Features and applications

RMM cylindric retaining magnets are shielded magnetic systems with high performances and moderate overall dimensions.

The configuration of the magnetic poles is known as sandwich magnetic system. This type of magnetic system delivers the maximum long-lasting holding power, even with the smallest workpieces.

Mounting this type of magnets directly on steel components will create a magnetic short-circuit which reduces the retaining power by 15%.

To avoid this effect, the "x" distance between the outer brass coating and the steel component should be maintained, even in case the magnet is shortened.



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