



Elesa Standards		Main dimensions					Nominal adhesive forces *	Weight
Code	Description	D	L	d	d ₁	h	[N]	g
501301	RMD-HF-16	16 _{+0.1/-0.1}	4.5 _{+0.2/-0.1}	3.5	7.5	-	14	4
501303	RMD-HF-20	20 _{+0.1/-0.1}	6 _{+0.2/-0.1}	4.1	10.5	-	27	9
501305	RMD-HF-25	25 _{+0.1/-0.1}	7 _{+0.3/-0.2}	5.5	12	-	36	17
501307	RMD-HF-32	32 _{+0.1/-0.1}	7 _{+0.3/-0.1}	5.5	12	-	72	27
501309	RMD-HF-40	40 _{+0.2/-0.1}	8 _{+0.4/-0.1}	5.5	13.5	-	90	52
501311	RMD-HF-50	50 _{+0.2/-0.1}	10 _{+0.5/-0.1}	8.5	22	8.5	180	84
501313	RMD-HF-63	63 _{+0.3/-0.1}	14 _{+0.5/-0.1}	6.5	24	12	290	197
501315	RMD-HF-80	80 _{+0.5/-0.1}	18 _{+0.5/-0.1}	6.5	11.5	15	540	458
501317	RMD-HF-100	100 _{+0.5/-0.1}	22 _{+0.5/-0.1}	10.5	34	18	680	815

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

Elesa Standards		Main dimensions					Nominal adhesive forces *	Weight
Code	Description	D	L	d	d ₁	h	[N]	g
501331	RMD-SST-HF-20	20 _{+0.1/-0.1}	6 _{+0.2/-0.1}	4.1	10	-	22	9
501333	RMD-SST-HF-25	25 _{+0.1/-0.1}	7 _{+0.3/-0.2}	5.5	11.5	-	29	17
501335	RMD-SST-HF-32	32 _{+0.1/-0.1}	7 _{+0.3/-0.2}	5.5	11.5	-	58	27
501337	RMD-SST-HF-40	40 _{+0.2/-0.1}	8 _{+0.4/-0.2}	5.5	11.5	-	72	52
501339	RMD-SST-HF-50	50 _{+0.2/-0.1}	10 _{+0.5/-0.2}	8.5	22	8.5	145	85
501341	RMD-SST-HF-63	63 _{+0.3/-0.1}	14 _{+0.5/-0.2}	6.5	24	12	230	195

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

Material

(RMD) zinc-plated steel or (RMD-SST) stainless steel housing.

Standard executions

- RMD-HF: hard ferrite magnet, resistant to temperatures up to 200°C.
- RMD-SST-HF: hard ferrite magnet, resistant to temperatures up to 220°C.

[Technical data](#).

Features and applications

RMD flat retaining magnets are shielded magnetic systems with high performances and moderate overall dimensions.

To ensure that the adhesive force is not impaired, the fixing screws must be made out of non-magnetic material.

Owing to the lower magnetic conductivity of stainless steel, the adhesive forces of the RMD-SST executions are lower than those of the zinc-plated steel RMD executions.



STANDARD MACHINE ELEMENTS WORLDWIDE
