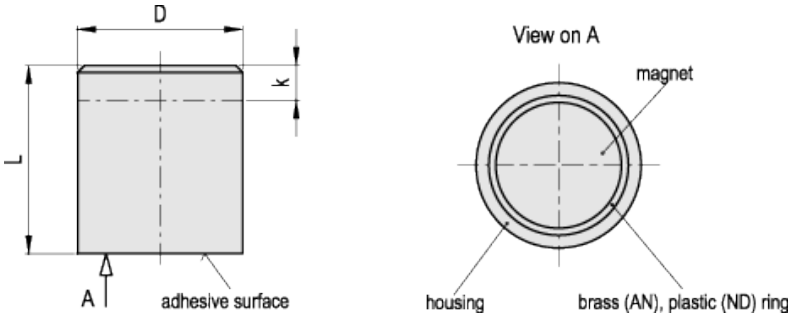
RML

Cylindric retaining magnets

AN ND



Elesa Standards		Main dimensions			Nominal adhesive forces *	Weight
Code	Description	D	$L_{+0.2/-0.2}$	k #	[N]	g
501901	RML-AN-6-1	6	20	12	2	5
501905	RML-AN-8-1	8	20	11	4	8
501909	RML-AN-10-1	10	20	10	8.5	12
501913	RML-AN-13-1	13	20	8	12	19
501917	RML-AN-16-1	16	20	6	20	30
501921	RML-AN-20-1	20	25	5	40	58
501925	RML-AN-25-1	25	35	13	60	125
501929	RML-AN-32-1	32	40	9	160	220
501933	RML-AN-40-1	40	50	10	240	440
501937	RML-AN-50-1	50	60	10	400	813
501941	RML-AN-63-1	63	65	10	660	1306
501903	RML-AN-6-2	6	10	2	2	2
501907	RML-AN-8-2	8	12	3	4	5
501911	RML-AN-10-2	10	16	6	8.5	10
501915	RML-AN-13-2	13	18	6	12	18
501919	RML-AN-16-2	16	20	6	20	30
501923	RML-AN-20-2	20	25	5	40	57
501927	RML-AN-25-2	25	30	7	60	106

Elesa Standards		Main dimensions			Nominal adhesive forces *	Weight
Code	Description	D	$L_{+0.2/-0.2}$	k #	[N]	g
501931	RML-AN-32-2	32	35	4	160	187
501935	RML-AN-40-2	40	45	5	240	390
501939	RML-AN-50-2	50	50	-	400	639
501943	RML-AN-63-2	63	60	5	660	1175
502001	RML-ND-4-1	4	20	15	2.5	2
502003	RML-ND-5-1	5	20	15	4.5	3
502005	RML-ND-6-1	6	20	15	6	5
502009	RML-ND-8-1	8	20	15	12	8
502013	RML-ND-10-1	10	20	15	24	12
502017	RML-ND-13-1	13	20	15	60	21
502021	RML-ND-16-1	16	20	15	90	31
502025	RML-ND-20-1	20	25	18	135	61
502029	RML-ND-25-1	25	35	27	190	133
502033	RML-ND-32-1	32	40	32	340	249
502007	RML-ND-6-2	6	10	5	6	2
502011	RML-ND-8-2	8	12	7	12	5
502015	RML-ND-10-2	10	16	11	24	9
502019	RML-ND-13-2	13	18	13	60	18
502023	RML-ND-16-2	16	20	15	90	31
502027	RML-ND-20-2	20	25	18	135	60
502031	RML-ND-25-2	25	30	22	190	115
502035	RML-ND-32-2	32	35	27	340	218

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.

Standard executions
- RML-AN-1: (AlNiCo) Aluminium-nickel-cobalt magnet, resistant to temperatures up to 450°C. Zinc-plated steel housing, tolerance D = +0,2/-0,2.
- RML-AN-2: (AlNiCo) Aluminium-nickel-cobalt magnet, resistant to temperatures up to 450°C. Natural steel housing, tolerance D = h6.
- RML-ND-1: (NdFeB) Neodymium- iron-boron magnet, resistant to temperatures up to 80°C. Zinc-plated steel housing, tolerance D = +0,2/-0,2.
- RML-ND-2: (NdFeB) Neodymium- iron-boron magnet, resistant to temperatures up to 80°C. Natural steel housing, tolerance D = h6.

Technical data.

Features and applications
RML cylindric retaining magnets are shielded magnetic systems with high performances and moderate overall dimensions.