

Rubberised magnet systems

NdFeB magnetic system, white rubber sheath, with internal thread, rectangular



Article number	L mm	B mm	H mm	Thread M	A mm	Adhesive force* N	Shear force* N	Weight g	Temp. °C
AS035NdD-04w-00	35 ^{+0.2} / _{-0.2}	22,5 ^{+0.2} / _{-0.2}	6 ^{+0.2} / _{-0.2}	M4		75	25	18	80
AS035NdD-04w-01	35 ^{+0.2} / _{-0.2}	22,5 ^{+0.2} / _{-0.2}	6 ^{+0.2} / _{-0.2}	2xM4	17	75	25	19	80
AS055NdD-04w-00	55 ^{+0.2} / _{-0.2}	22,5 ^{+0.2} / _{-0.2}	6 ^{+0.2} / _{-0.2}	M4		120	30	29	80
AS055NdD-04w-01	55 ^{+0.2} / _{-0.2}	22,5 ^{+0.2} / _{-0.2}	6 ^{+0.2} / _{-0.2}	2xM4	30	120	30	31	80
AS059NdD-05w-00	59 ^{+0.3} / _{-0.3}	45 ^{+0.3} / _{-0.3}	8,5 ^{+0.2} / _{-0.2}	M5		240	90	80	80
AS059NdD-05w-01	59 ^{+0.3} / _{-0.3}	45 ^{+0.3} / _{-0.3}	8,5 ^{+0.2} / _{-0.2}	2xM5	27	240	90	82	80
AS074NdD-06w-00	74 ^{+0.3} / _{-0.3}	45 ^{+0.3} / _{-0.3}	8,5 ^{+0.2} / _{-0.2}	M6		360	130	102	80
AS074NdD-06w-01	74 ^{+0.3} / _{-0.3}	45 ^{+0.3} / _{-0.3}	8,5 ^{+0.2} / _{-0.2}	2xM6	36	360	130	104	80
AS075NdD-04w-00	75 ^{+0.3} / _{-0.3}	22,5 ^{+0.2} / _{-0.2}	6 ^{+0.2} / _{-0.2}	M4		195	55	41	80
AS075NdD-04w-01	75 ^{+0.3} / _{-0.3}	22,5 ^{+0.2} / _{-0.2}	6 ^{+0.2} / _{-0.2}	2xM4	50	195	55	43	80
AS110NdD-06w-00	110 ^{+0.3} / _{-0.3}	45 ^{+0.3} / _{-0.3}	8,5 ^{+0.2} / _{-0.2}	M6		530	180	155	80
AS110NdD-06w-01	45 ^{+0.3} / _{-0.3}	45 ^{+0.3} / _{-0.3}	8,5 ^{+0.2} / _{-0.2}	2xM6	68	530	180	157	80

PRODUCT NOTICE:

Rectangular, rubberised magnetic systems are universally applicable and popular in many areas. They are ideal for use on sensitive surfaces, thin sheet metal or for vertical applications. They are also ideal for outdoor use. Unlike round magnet systems, they can be attached with a positive fit. With a double thread, they can be mounted without twisting and can be combined with many standard parts.

These products are equipped with a special TPE rubber coating (thermoplastic elastomer) that prevents scratches and discolouration. The rubber coating also increases the displacement forces and corrosion resistance. It also has a noise-reducing effect when it is put on. The integrated neodymium magnets generate a strong magnetic field due to their arrangement and the metal element. These SQUARELINE models are available with one or two internal threads.

As an alternative to the standard version, we also offer customised solutions:

- " Other colours for the rubber coating
- " Harder or softer rubber coating
- " Higher adhesive force

* The forces have been determined at room temperature on a polished plate made of steel (S235JR according to DIN 10 025) with a thickness of 10 mm (1kg~10N). A deviation of up to -10% from the specified value is possible in exceptional cases. In general, the value is exceeded. The type of application (installation situation, temperatures, counter anchors, etc.) sometimes influence the forces enormously. The values given are for orientation purposes. Let our experts advise you.