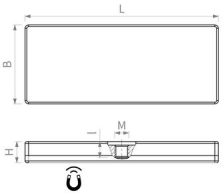
BRUGGER MAGNETSYSTEME

PRODUKTDATENBLATT

Rubberised magnet systems

NdFeB magnetic system, black 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-04s-00	$35^{+0.2}/_{-0.2}$	$22{,}5^{+0.2}/_{-0.2}$	$6^{+0.2}/_{-0.2}$	M4		75	25	18	80
AS035NdD-04s-01	$35^{+0.2}/_{-0.2}$	$22{,}5^{+0.2}/_{-0.2}$	$6^{+0.2}/_{-0.2}$	2xM4	17	75	25	19	80
AS055NdD-04s-00	$55^{+0.2}/_{-0.2}$	$22{,}5^{+0.2}/_{-0.2}$	$6^{+0.2}/_{-0.2}$	M4		120	30	29	80
AS055NdD-04s-01	$55^{+0.2}/_{-0.2}$	$22{,}5^{+0.2}/_{-0.2}$	$6^{+0.2}/_{-0.2}$	2xM4	30	120	30	31	80
AS059NdD-05s-00	$59^{+0.3}/_{-0.3}$	$45^{+0.3}/_{-0.3}$	$8{,}5^{+0.2}/_{-0.2}$	M5		240	90	80	80
AS059NdD-05s-01	$59^{+0.3}/_{-0.3}$	$45^{+0.3}/_{-0.3}$	$8{,}5^{+0.2}/_{-0.2}$	2xM5	27	240	90	82	80
AS074NdD-06s-00	$74^{+0.3}/_{-0.3}$	$45^{+0.3}/_{-0.3}$	$8{,}5^{+0.2}/_{-0.2}$	M6		360	130	102	80
AS074NdD-06s-01	$74^{+0.3}/_{-0.3}$	$45^{+0.3}/_{-0.3}$	$8{,}5^{+0.2}/_{-0.2}$	2xM6	36	360	130	104	80
AS075NdD-04s-00	$75^{+0.3}/_{-0.3}$	$22{,}5^{+0.2}/_{-0.2}$	$6^{+0.2}/_{-0.2}$	M4		195	55	41	80
AS075NdD-04s-01	$75^{+0.3}/_{-0.3}$	$22{,}5^{+0.2}/_{-0.2}$	$6^{+0.2}/_{-0.2}$	2xM4	50	195	55	43	80
AS110NdD-06s-00	$110^{+0.3}/_{-0.3}$	$45^{+0.3}/_{-0.3}$	$8{,}5^{+0.2}/_{-0.2}$	M6		530	180	155	80
AS110NdD-06s-01	$110^{+0.3}/_{-0.3}$	$45^{+0.3}/_{-0.3}$	$8{,}5^{+0.2}/_{-0.2}$	2xM6	68	530	180	157	80

PRODUCT NOTE:

Rubber-coated magnetic systems are versatile all-rounders that can be found in numerous applications. They are particularly suitable for sensitive surfaces or thin sheet metal and are also ideal for outdoor use. In contrast to round magnet systems, they can be positioned with a positive fit. Variants with double threads offer anti-twist mounting and can be combined with many standard parts.

These items have a **special rubber coating made of TPE (thermoplastic elastomer)**, which prevents scratches and discolouration. The rubber coating also increases the displacement forces and ensures corrosion resistance. A pleasant side effect is the noise-absorbing effect when putting it on. There are **powerful neodymium magnets** inside, which generate a strong magnetic field due to their arrangement and the metal element inside. At the same time, the metal element shields the magnetic field on the back and, in contrast to pot systems,

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enables a deeper effect and the bridging of larger gaps. Available with **one or two internal threads**.

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

" Other colours for the rubber coating

" Harder or softer rubber coating

" Higher adhesive force

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* 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.