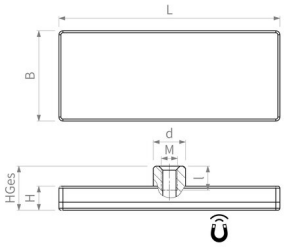
BRUGGER MAGNETSYSTEME

PRODUKTDATENBLATT

Rubber coated systems

NdFeB magnetic system, white rubber sheath, with threaded bushing, rectangular



Article number	L mm	B mm	H mm	HGes mm	d mm	Thread MxL	A mm	Adhesive force* N	Shear force* N	Weight g	Temp. °C
AS035NdA-04w-00 neu	35 $^{+0.2}/_{-0.2}$	22,5 $^{+0.2}/_{-0.2}$	6 $^{+0.2}/_{-0.2}$	11	8	1xM4x6	17	93	36	22	80
AS035NdA-04w-01 neu	35 $^{+0.2}/_{-0.2}$	22,5 $^{+0.2}/_{-0.2}$	6 $^{+0.2}/_{-0.2}$	11	8	2xM4x6	17	93	36	23	80
AS055NdA-04w-00 neu	55 $^{+0.2}/_{-0.2}$	22,5 $^{+0.2}/_{-0.2}$	6 $^{+0.2}/_{-0.2}$	11	8	1xM4x6		140	50	32	80
AS055NdA-04w-01 neu	55 $^{+0.2}/_{-0.2}$	22,5 $^{+0.2}/_{-0.2}$	6 $^{+0.2}/_{-0.2}$	11	8	2xM4x6	30	140	50	33	80
AS059NdA-05w-00	59 $^{+0.3}/_{-0.3}$	45 $^{+0.3}/_{-0.3}$	8,5 $^{+0.2}/_{-0.2}$	14,7 $^{+0.2}/_{-0.2}$	10	1xM5x9		240	90	85	80
AS059NdA-05w-01	59 $^{+0.3}/_{-0.3}$	45 $^{+0.3}/_{-0.3}$	8,5 $^{+0.2}/_{-0.2}$	14,7 $^{+0.2}/_{-0.2}$	10	2xM5x9	27	240	90	90	80
AS074NdA-05w-00	74 $^{+0.3}/_{-0.3}$	45 $^{+0.3}/_{-0.3}$	8,5 $^{+0.2}/_{-0.2}$	14,7 $^{+0.2}/_{-0.2}$	10	1xM5x9		360	130	108	80
AS074NdA-05w-01	74 $^{+0.3}/_{-0.3}$	45 $^{+0.3}/_{-0.3}$	8,5 $^{+0.2}/_{-0.2}$	14,7 $^{+0.2}/_{-0.2}$	10	2xM5x9	36	360	130	113	80
AS075NdA-04w-00 neu	75 $^{+0.3}/_{-0.3}$	22,5 $^{+0.2}/_{-0.2}$	6 $^{+0.2}/_{-0.2}$	11	8	1xM4x6		205	75	46	80
AS075NdA-04w-01 neu	75 $^{+0.3}/_{-0.3}$	22,5 $^{+0.2}/_{-0.2}$	6 $^{+0.2}/_{-0.2}$	11	8	2xM4x6	50	205	75	47	80
AS110NdA-06w-00	110 $^{+0.3}/_{-0.3}$	45 $^{+0.3}/_{-0.3}$	8,5 $^{+0.2}/_{-0.2}$	14,7 $^{+0.2}/_{-0.2}$	10	1xM6x9		530	180	156	80
AS110NdA-06w-01	110 $^{+0.3}/_{-0.3}$	45 $^{+0.3}/_{-0.3}$	8,5 $^{+0.2}/_{-0.2}$	14,7 $^{+0.2}/_{-0.2}$	10	2xM6x9	68	530	180	161	80
A43x31A-KwM4	43 $^{+0.3}/_{-0.3}$	31 $^{+0.3}/_{-0.3}$	6 $^{+0.2}/_{-0.2}$	6,9		M4x4.5		105	33	27	60

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Article number	L mm	B mm	H mm	HGes mm	d mm	Thread MxL	A mm	Adhesive force* N	Shear force* N	Weight g	Temp. °C
A43x31A-Kw2GBM4	$43^{+0.3}/_{-0.3}$	$31^{+0.3}/_{-0.3}$	$6^{+0.2}/_{-0.2}$	6,9		M4x4.5		146	47	28	60

Magnetic systems with rubber sheaths are real all-rounders and can be found in many areas. The systems are particularly suitable for use on sensitive surfaces, thin sheet metal or vertical applications. They can also be used outdoors. In contrast to the round magnetic systems, these systems can be positioned with a positive fit. In addition, variants with double threads can be mounted without twisting and supplemented with many standard parts.

PRODUCT INFORMATION:

These items have a special rubber coating made of TPE (thermoplastic elastomer). There are no scratches or discolouration on the surface. The displacement forces and corrosion resistance are also higher due to the rubber coating. A small side effect is also the noise-reducing effect when putting it on. There are strong neodymium magnets inside, which generate a large and strong magnetic field due to their arrangement and in conjunction with the metal element inside. At the same time, the internal metal element shields the magnetic field on the back and also ensures that, unlike with pot systems, the magnetic field has a deeper effect and can bridge larger gaps.

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

* 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.

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