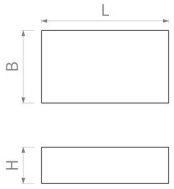
BRUGGER MAGNETSYSTEME

PRODUCT DATA SHEET

Raw magnets made of neodymium-iron-boron (NdFeB), angular

Block magnet made of NdFeB, up to 80°C



Article number	Quality	L mm	B mm	H mm	Adhesive force* N	Weight g	Temperature °C
RM003NdBk99ng03	N52	$3^{+0.1}/_{-0.1}$	$3^{+0.1}/_{-0.1}$	$1^{+0.1}/_{-0.1}$	3	0.1	80
RM004NdBk99ng02	N52	$4^{+0.1}/_{-0.1}$	$4^{+0.1}/_{-0.1}$	$2^{+0.1}/_{-0.1}$	7.5	0.2	80
MNAQm7.5x4x1.5	N35	$7{,}5^{+0.1}/_{-0.1}$	$4^{+0.1}/_{-0.1}$	$1{,}5^{+0.1}/_{-0.1}$	5	0.4	80
MNAQm7.5x6x2	N35	$7{,}5^{+0.1}/_{-0.1}$	$6^{+0.1}/_{-0.1}$	$2^{+0.1}/_{-0.1}$	8	0.7	80
RM008NdBk99ng08	N45	$8^{+0.1}/_{-0.1}$	$4^{+0.1}/_{-0.1}$	$3^{+0.1}/_{-0.1}$	9	0.7	80
RM008NdBk99ng09	N45	$8^{+0.1}/_{-0.1}$	$8^{+0.1}/_{-0.1}$	$4^{+0.1}/_{-0.1}$	18	1.9	80
RM010NdBk99ng34	N50	$10^{+0.1}/_{-0.1}$	$5^{+0.1}/_{-0.1}$	$1^{+0.5}/_{-0.5}$	6.8	0.4	80
RM010NdBk99ng35 **ausgelistet**	N50	$10^{+0.1}/_{-0.1}$	$4^{+0.1}/_{-0.1}$	$2^{+0.1}/_{-0.1}$	11	0.6	80
RM010NdBk99ng37	N45	$10^{+0.1}/_{-0.1}$	$10^{+0.1}/_{-0.1}$	$3^{+0.1}/_{-0.1}$	17	2.2	80
MNAQm10x5x1.8	N35	$10^{+0.1}/_{-0.1}$	$5^{+0.1}/_{-0.1}$	$1{,}8^{+0.1}/_{-0.1}$	6	0.7	80
MNAQm10x7.5x2	N35	$10^{+0.1}/_{-0.1}$	$7{,}5^{+0.1}/_{-0.1}$	$2^{+0.1}/_{-0.1}$	11	1.1	80
RM012NdBk99ng18	N45	$12^{+0.1}/_{-0.1}$	$8^{+0.1}/_{-0.1}$	$2^{+0.1}/_{-0.1}$	12	1.4	80
MNAQm12x9.5x2.5	N35	$12^{+0.1}/_{-0.1}$	$9{,}5^{+0.1}/_{-0.1}$	$2{,}5^{+0.1}/_{-0.1}$	17	2.1	80
RM013NdBk99ng03 **ausgelistet**	N52	$13^{+0.1}/_{-0.1}$	$8^{+0.1}/_{-0.1}$	$2{,}5^{+0.1}/_{-0.1}$	23	1.9	80
RM015NdBk99ng20 **ausgelistet**	N45	$15^{+0.1}/_{-0.1}$	$15^{+0.1}/_{-0.1}$	$3^{+0.1}/_{-0.1}$	34	5	80
MNAQm16x12x2.5	N35	$16^{+0.1}/_{-0.1}$	$12{,}5^{+0.1}/_{-0.1}$	$2{,}5^{+0.1}/_{-0.1}$	24	3.7	80
MNAQm18x16.5x3	N35	$18^{+0.1}/_{-0.1}$	$16{,}5^{+0.1}/_{-0.1}$	$3^{+0.1}/_{-0.1}$	30	6.6	80
MNAQm18x16.5x4	N35	$18^{+0.1}/_{-0.1}$	$16{,}5^{+0.1}/_{-0.1}$	$4^{+0.1}/_{-0.1}$	50	8.8	80
RM020NdBk99ng47 **ausgelistet**	N45	$20^{+0.1}/_{-0.1}$	$4^{+0.1}/_{-0.1}$	$2^{+0.1}/_{-0.1}$	12	1.2	80
RM020NdBk99ng48	N45	$20^{+0.1}/_{-0.1}$	$10^{+0.1}/_{-0.1}$	$5^{+0.1}/_{-0.1}$	56	7.5	80

Gewerbestraße 23 78739 Hardt T. +49 7422 9519-0 F. +49 7422 9519-22 E. info@brugger-magnet.de

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Article number	Quality	L mm	B mm	H mm	Adhesive force* N	Weight g	Temperature °C
RM020NdBk99ng49	N45	$20^{+0.1}/_{-0.1}$	$20^{+0.1}/_{-0.1}$	$3^{+0.1}/_{-0.1}$	42	9	80
RM020NdBk99ng50	N45	$20^{+0.1}/_{-0.1}$	$20^{+0.1}/_{-0.1}$	$10^{+0.1}/_{-0.1}$	120	30	80
MNAQm20x10x3	N35	$20^{+0.1}/_{-0.1}$	$10^{+0.1}/_{-0.1}$	$3^{+0.1}/_{-0.1}$	28	4.5	80
MNAQm20x10x5	N35	$20^{+0.1}/_{-0.1}$	$10^{+0.1}/_{-0.1}$	$5^{+0.1}/_{-0.1}$	50	8	80
RM022NdBk99ng02	N35	$22^{+0.1}/_{-0.1}$	$5{,}7^{+0.1}/_{-0.1}$	$7^{+0.1}/_{-0.1}$	36	6.8	80
RM025NdBk99ng17	N48	$25^{+0.1}/_{-0.1}$	$10^{+0.1}/_{-0.1}$	$2^{+0.1}/_{-0.1}$	28	3.8	80
RM025NdBk99ng24 **ausgelistet**	N45	$25^{+0.1}/_{-0.1}$	$4^{+0.1}/_{-0.1}$	$2^{+0.1}/_{-0.1}$	17	1.5	80
RM025NdBk99ng26	N45	$25^{+0.1}/_{-0.1}$	$10^{+0.1}/_{-0.1}$	$5^{+0.1}/_{-0.1}$	48	9.4	80
RM025NdBk99ng27	N45	$25^{+0.1}/_{-0.1}$	$15^{+0.1}/_{-0.1}$	$6^{+0.1}/_{-0.1}$	70	17	80
MNAQm26x20.3x5	N35	$26^{+0.1}/_{-0.1}$	$20{,}3^{+0.1}/_{-0.1}$	$5^{+0.1}/_{-0.1}$	77	20	80
RM030NdBk99ng22	N45	$30^{+0.1}/_{-0.1}$	$10^{+0.1}/_{-0.1}$	$2^{+0.1}/_{-0.1}$	30	4.5	80
RM030NdBk99ng32	N45	$30^{+0.1}/_{-0.1}$	$10^{+0.1}/_{-0.1}$	$5^{+0.1}/_{-0.1}$	65	11	80
RM030NdBk99ng33	N40	$30^{+0.1}/_{-0.1}$	$20^{+0.1}/_{-0.1}$	$5^{+0.1}/_{-0.1}$	130	22	80
MNAQm33x26x6.5	N35	$33^{+0.1}/_{-0.1}$	$26^{+0.1}/_{-0.1}$	$6{,}5^{+0.1}/_{-0.1}$	125	42	80
RM035NdBk99ng06	N45	$35^{+0.1}/_{-0.1}$	$4^{+0.1}/_{-0.1}$	$2^{+0.1}/_{-0.1}$	25	2.1	80
RM037NdBk99ng00	N35	$37{,}5^{+0.1}/_{-0.1}$	$10^{+0.1}/_{-0.1}$	$5^{+0.1}/_{-0.1}$	77	14	80
RM040NdBk99ng10	N38	$40^{+0.1}/_{-0.1}$	$18^{+0.1}/_{-0.1}$	$6^{+0.1}/_{-0.1}$	115	32	80
MNAQm49.5x9x4.9	N35	$49{,}5^{+0.1}/_{-0.1}$	$9{,}3^{+0.1}/_{-0.1}$	$4{,}9^{-0.1}/_{-0.2}$	87	17	80

PRODUCT NOTE:

NdFeB magnets can be produced in almost any desired dimensions and without tooling costs. Small quantities are therefore also possible. They are nickel-copper-nickel (NiCuNi) coated to protect against corrosion. The specified temperature refers to the maximum operating temperature of the material. Due to the geometry, however, the resistance may be reduced.

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

" customer-specific dimensions
" modified magnetisation direction
" other types of magnetisation
" other qualities up to N54
" increased operating temperature up to 220°C
" self-adhesive on one side with additional foil

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" customer-specific shapes (e.g. cubes, cones, etc.).e.g. cube, cone, sphere, segments)

" other coatings (e.g. galvanised, gold-plated, epoxy-coated)

Magnetised by the height (H)

* 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.