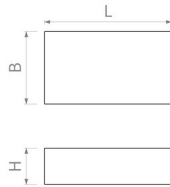


## Raw magnets of Neodymium-iron-boron (NdFeB)

### Block magnet of NdFeB, until 80°C



Article number	Quality	L mm	B mm	H mm	Adhesive force* N	Weight g	Temperature °C
RM003NdBk99ng03	N52	3 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	1 <sup>+0.1</sup> / <sub>-0.1</sub>	3	0.1	80
RM004NdBk99ng02	N52	4 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	7.5	0.2	80
MNAQm7.5x4x1.5	N35	7,5 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	1,5 <sup>+0.1</sup> / <sub>-0.1</sub>	5	0.4	80
MNAQm7.5x6x2	N35	7,5 <sup>+0.1</sup> / <sub>-0.1</sub>	6 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	8	0.7	80
RM008NdBk99ng08	N45	8 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	9	0.7	80
RM008NdBk99ng09	N45	8 <sup>+0.1</sup> / <sub>-0.1</sub>	8 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	18	1.9	80
RM010NdBk99ng34	N50	10 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	1 <sup>+0.5</sup> / <sub>-0.5</sub>	6.8	0.4	80
RM010NdBk99ng35	N50	10 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	11	0.6	80
RM010NdBk99ng37	N45	10 <sup>+0.1</sup> / <sub>-0.1</sub>	10 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	17	2.2	80
MNAQm10x5x1.8	N35	10 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	1,8 <sup>+0.1</sup> / <sub>-0.1</sub>	6	0.7	80
MNAQm10x7.5x2	N35	10 <sup>+0.1</sup> / <sub>-0.1</sub>	7,5 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	11	1.1	80
RM012NdBk99ng18	N45	12 <sup>+0.1</sup> / <sub>-0.1</sub>	8 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	12	1.4	80
MNAQm12x9.5x2.5	N35	12 <sup>+0.1</sup> / <sub>-0.1</sub>	9,5 <sup>+0.1</sup> / <sub>-0.1</sub>	2,5 <sup>+0.1</sup> / <sub>-0.1</sub>	17	2.1	80
RM013NdBk99ng03	N52	13 <sup>+0.1</sup> / <sub>-0.1</sub>	8 <sup>+0.1</sup> / <sub>-0.1</sub>	2,5 <sup>+0.1</sup> / <sub>-0.1</sub>	23	1.9	80
RM015NdBk99ng20	N45	15 <sup>+0.1</sup> / <sub>-0.1</sub>	15 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	34	5	80
MNAQm16x12x2.5	N35	16 <sup>+0.1</sup> / <sub>-0.1</sub>	12,5 <sup>+0.1</sup> / <sub>-0.1</sub>	2,5 <sup>+0.1</sup> / <sub>-0.1</sub>	24	3.7	80
MNAQm18x16.5x3	N35	18 <sup>+0.1</sup> / <sub>-0.1</sub>	16,5 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	30	6.6	80
MNAQm18x16.5x4	N35	18 <sup>+0.1</sup> / <sub>-0.1</sub>	16,5 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	50	8.8	80
RM020NdBk99ng47	N45	20 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	12	1.2	80
RM020NdBk99ng48	N45	20 <sup>+0.1</sup> / <sub>-0.1</sub>	10 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	56	7.5	80
RM020NdBk99ng49	N45	20 <sup>+0.1</sup> / <sub>-0.1</sub>	20 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	42	9	80

Article number	Quality	L mm	B mm	H mm	Adhesive force* N	Weight g	Temperature °C
RM020NdBk99ng50	N45	20 <sup>+0.1</sup> / <sub>-0.1</sub>	20 <sup>+0.1</sup> / <sub>-0.1</sub>	10 <sup>+0.1</sup> / <sub>-0.1</sub>	120	30	80
MNAQm20x10x3	N35	20 <sup>+0.1</sup> / <sub>-0.1</sub>	10 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	28	4.5	80
MNAQm20x10x5	N35	20 <sup>+0.1</sup> / <sub>-0.1</sub>	10 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	50	8	80
RM022NdBk99ng02	N35	22 <sup>+0.1</sup> / <sub>-0.1</sub>	5,7 <sup>+0.1</sup> / <sub>-0.1</sub>	7 <sup>+0.1</sup> / <sub>-0.1</sub>	36	6.8	80
RM025NdBk99ng17	N48	25 <sup>+0.1</sup> / <sub>-0.1</sub>	10 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	28	3.8	80
RM025NdBk99ng24	N45	25 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	17	1.5	80
RM025NdBk99ng26	N45	25 <sup>+0.1</sup> / <sub>-0.1</sub>	10 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	48	9.4	80
RM025NdBk99ng27	N45	25 <sup>+0.1</sup> / <sub>-0.1</sub>	15 <sup>+0.1</sup> / <sub>-0.1</sub>	6 <sup>+0.1</sup> / <sub>-0.1</sub>	70	17	80
MNAQm26x20.3x5	N35	26 <sup>+0.1</sup> / <sub>-0.1</sub>	20,3 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	77	20	80
RM030NdBk99ng22	N45	30 <sup>+0.1</sup> / <sub>-0.1</sub>	10 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	30	4.5	80
RM030NdBk99ng32	N45	30 <sup>+0.1</sup> / <sub>-0.1</sub>	10 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	65	11	80
RM030NdBk99ng33	N40	30 <sup>+0.1</sup> / <sub>-0.1</sub>	20 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	130	22	80
MNAQm33x26x6.5	N35	33 <sup>+0.1</sup> / <sub>-0.1</sub>	26 <sup>+0.1</sup> / <sub>-0.1</sub>	6,5 <sup>+0.1</sup> / <sub>-0.1</sub>	125	42	80
RM035NdBk99ng06	N45	35 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	25	2.1	80
RM037NdBk99ng00	N35	37,5 <sup>+0.1</sup> / <sub>-0.1</sub>	10 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	77	14	80
RM040NdBk99ng10	N35	40 <sup>+0.1</sup> / <sub>-0.1</sub>	18 <sup>+0.1</sup> / <sub>-0.1</sub>	6 <sup>+0.1</sup> / <sub>-0.1</sub>	115	32	80
RM040NdBk99ng38	N48	40 <sup>+0.1</sup> / <sub>-0.1</sub>	18 <sup>+0.1</sup> / <sub>-0.1</sub>	12 <sup>+0.1</sup> / <sub>-0.1</sub>	240	66	80
MNAQm49.5x9x4.9	N35	49,5 <sup>+0.1</sup> / <sub>-0.1</sub>	9,3 <sup>+0.1</sup> / <sub>-0.1</sub>	4,9 <sup>-0.1</sup> / <sub>-0.2</sub>	87	17	80

#### PRODUCT INFORMATION:

NdFeB magnets can be produced in almost every desired size and without tool costs. Even very small quantities are possible. To protect them from corrosion, they are nickel/copper/nickel (NiCuNi) coated. The specified temperature refers to the maximum operating temperature of the material. The resistance may be reduced due to the geometry.

#### Alternative to the standard we also offer individual solutions:

- » customised dimensions
- » modified directions of magnetisation
- » other types of magnetisation
- » further qualities up to N54
- » increased operating temperatures up to 220°C
- » self-adhesive on one side due to an additional film

- » customer-specific forms (e.g. cubes, cones, balls, segments)
- » other coatings (e.g. zinc-plated, gold-plated, epoxy-coated)

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Magnetized via 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.