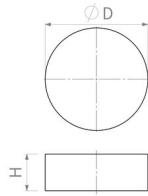


## Raw magnets of Neodymium-iron-boron (NdFeB)

### Disc magnet of NdFeB, until 80°C



Article number	Quality	D mm	H mm	Adhesive force* N	Weight g	Temperature °C	Magnetisation
RM002NdSb99ng25	N48	2 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	1.5	0.1	80	axial
MNASm2.5x1	N35	2.5 <sup>+0.1</sup> / <sub>-0.1</sub>	1 <sup>+0.1</sup> / <sub>-0.1</sub>	0.8	0.1	80	axial
RM003NdSb99ng38	N48	3 <sup>+0.1</sup> / <sub>-0.1</sub>	1 <sup>+0.1</sup> / <sub>-0.1</sub>	1.9	0.1	80	axial
RM003NdSb99ng39	N52	3 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	3.2	0.1	80	axial
RM003NdSb99ng40	N45	3 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	3.3	0.2	80	axial
MNASm3x2	N35	3 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	1.5	0.1	80	axial
RM004NdSb99ng34	N45	4 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	4.2	0.2	80	axial
RM004NdSb99ng35	N45	4 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	6.5	0.4	80	axial
MNASm4x3	N35	4 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	2.8	0.3	80	axial
RM005NdSb99ng72	N45	5 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	5.2	0.3	80	axial
RM005NdSb99ng73	N52	5 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	6.8	0.3	80	axial
RM005NdSb99ng74	N45	5 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	10	0.6	80	axial
MNASm5x3	N35	5 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	5	0.5	80	axial
RM006NdSb99ng46	N45	6 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	7	0.4	80	axial
RM006NdSb99ng47	N45	6 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	9.9	0.6	80	axial
RM006NdSb99ng48	N45	6 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	12	0.9	80	axial
RM006NdSb99ng50	N48	6 <sup>+0.1</sup> / <sub>-0.1</sub>	6 <sup>+0.1</sup> / <sub>-0.1</sub>	15.5	1.3	80	axial
MNASm6x2	N35	6 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	5.5	0.5	80	axial
MNASm6x3	N35	6 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	7.5	0.7	80	axial
RM007NdSb99ng10	N48	7 <sup>+0.1</sup> / <sub>-0.1</sub>	11 <sup>+0.1</sup> / <sub>-0.1</sub>	19	3.2	80	axial

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RM007NdSb99ng16	N35	7 <sup>+0.1</sup> / <sub>-0.1</sub>	6 <sup>+0.1</sup> / <sub>-0.1</sub>	12	1.7	80	axial
RM007NdSb99ng19	N45	7 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	13	0.9	80	axial
RM008NdSb99ng41	N45	8 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	11	0.8	80	axial
RM008NdSb99ng42	N45	8 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	18	1.5	80	axial
RM008NdSb99ng43	N45	8 <sup>+0.1</sup> / <sub>-0.1</sub>	8 <sup>+0.1</sup> / <sub>-0.1</sub>	25	3	80	axial
MNASm8x2	N35	8 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	7	0.7	80	axial
MNASm8x3	N35	8 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	10	1.1	80	axial
MNASm8x4	N35	8 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	13	1.5	80	axial
RM009NdSb99ng07	N50	9 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	24	2.4	80	axial
RM010NdSb99ng00	N48	10 <sup>+0.1</sup> / <sub>-0.1</sub>	2,5 <sup>+0.1</sup> / <sub>-0.1</sub>	16	1.5	80	axial
RM010NdSb99ng04	N48	10,3 <sup>+0.1</sup> / <sub>-0.1</sub>	1,5 <sup>+0.1</sup> / <sub>-0.1</sub>	9.5	1	80	axial
RM010NdSb99ng51	N35	10 <sup>+0.1</sup> / <sub>-0.1</sub>	4,5 <sup>+0.1</sup> / <sub>-0.1</sub>	21	2.7	80	axial
RM010NdSb99ng90	N45	10 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	26	3	80	axial
RM010NdSb99ng91	N52	10 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	33	3	80	axial
RM010NdSb99ng92	N45	10 <sup>+0.1</sup> / <sub>-0.1</sub>	10 <sup>+0.1</sup> / <sub>-0.1</sub>	39	6	80	axial
MNASm10x1	N35	10 <sup>+0.1</sup> / <sub>-0.1</sub>	1 <sup>+0.1</sup> / <sub>-0.1</sub>	5	0.7	80	axial
MNASm10x2	N35	10 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	10	1.2	80	axial
MNASm10x2N48	N48	10 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	12	1.2	80	axial
MNASm10x3	N35	10 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	15	1.7	80	axial
MNASm10x5	N35	10 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	21	2.8	80	axial
MNASm10x6	N35	10 <sup>+0.1</sup> / <sub>-0.1</sub>	6 <sup>+0.1</sup> / <sub>-0.1</sub>	25	3.4	80	axial
MNASm10x10	N35	10 <sup>+0.1</sup> / <sub>-0.1</sub>	10 <sup>+0.1</sup> / <sub>-0.1</sub>	32	5.9	80	axial
RM012NdSb99ng04	N35	12 <sup>+0.1</sup> / <sub>-0.1</sub>	6 <sup>+0.1</sup> / <sub>-0.1</sub>	33	5	80	axial
RM012NdSb99ng20	N45	12 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	22	2.5	80	axial
RM012NdSb99ng41	N45	12 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	18	1.7	80	axial
RM012NdSb99ng42	N45	12 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	31	3.4	80	axial
RM012NdSb99ng43	N45	12 <sup>+0.1</sup> / <sub>-0.1</sub>	6 <sup>+0.1</sup> / <sub>-0.1</sub>	45	5.1	80	axial
MNASm12x2	N35	12 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	13	1.7	80	axial

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MNASm12x3	N35	12 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	20	2.5	80	axial
RM013NdSb99ng06	N50	13.3 <sup>+0.1</sup> / <sub>-0.1</sub>	12 <sup>+0.1</sup> / <sub>-0.1</sub>	73	13	80	axial
RM013NdSb99ng13	N45	13 <sup>+0.1</sup> / <sub>-0.1</sub>	1 <sup>+0.1</sup> / <sub>-0.1</sub>	8.5	1	80	axial
RM013NdSb99ng14	N45	13 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	15	2	80	axial
MNASm14x4	N35	14 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	30	4	80	axial
RM015NdSb88ng02	N35	15 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	33	4	80	2-polig axial
RM015NdSb99ng17	N40	15 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	18	2.7	80	axial
RM015NdSb99ng46	N45	15 <sup>+0.1</sup> / <sub>-0.1</sub>	1 <sup>+0.1</sup> / <sub>-0.1</sub>	7	1.3	80	axial
RM015NdSb99ng47	N52	15 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	37	4	80	axial
RM015NdSb99ng48	N45	15 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	45	6.7	80	axial
MNASm15x2	N35	15 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	16	2.7	80	axial
MNASm15x3	N35	15 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	25	3.8	80	axial
MNASm15x3.5	N35	15 <sup>+0.1</sup> / <sub>-0.1</sub>	3,5 <sup>+0.1</sup> / <sub>-0.1</sub>	26	4.6	80	axial
MNASm15x3.5N48	N48	15 <sup>+0.1</sup> / <sub>-0.1</sub>	3,5 <sup>+0.1</sup> / <sub>-0.1</sub>	30	4.6	80	axial
MNASm15x5	N35	15 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	37	6.4	80	axial
RM016NdSb99ng04	N35	16 <sup>+0.1</sup> / <sub>-0.1</sub>	8 <sup>+0.1</sup> / <sub>-0.1</sub>	54	12	80	axial
RM016NdSb99ng07	N45	16 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	34	6	80	axial
RM018NdSb99ng16	N45	18 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	31	3.1	80	axial
RM018NdSb99ng17	N45	18 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	33	5.7	80	axial
MNASm18x1.5	N35	18 <sup>+0.1</sup> / <sub>-0.1</sub>	1,5 <sup>+0.1</sup> / <sub>-0.1</sub>	10	3.2	80	axial
MNASm18x3	N35	18 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	33	5.3	80	axial
MNASm18x3_2P	N35	18 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	40	5.8	80	2-polig axial
MNASm18x4	N35	18 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	35	7.5	80	axial
RM020NdSb99ng30	N52	20 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	34	4.7	80	axial
RM020NdSb99ng31	N45	20 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	41	7	80	axial
RM022NdSb99ng04	N45	22 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	65	11	80	axial
RM023NdSb99ng00	N35	23 <sup>0</sup> / <sub>-0.5</sub>	21 <sup>+0.1</sup> / <sub>-0.1</sub>	180	66	80	axial
RM023NdSb99ng01	N48	23 <sup>0</sup> / <sub>-0.5</sub>	21 <sup>+0.1</sup> / <sub>-0.1</sub>	230	66	80	axial

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RM023NdSb99ng02	N35	23 <sup>0</sup> / <sub>-0.5</sub>	12 <sup>+0.1</sup> / <sub>-0.1</sub>	135	37	80	axial
MNASm24x3	N35	24 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	39	10	80	axial
MNASm24x4	N35	24 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	55	14	80	axial
RM025NdSb99ng26	N45	25 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	55	11	80	axial
RM025NdSb99ng27	N45	25 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	83	18	80	axial
RM025NdSb99ng28	N50	25 <sup>+0.1</sup> / <sub>-0.1</sub>	15 <sup>+0.1</sup> / <sub>-0.1</sub>	270	55	80	axial
MNASm25x5	N35	25 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	67	18	80	axial
MNASm26x3_2P	N35	26 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	60	12	80	2-polig axial
RM030NdSb99ng05	N45	30 <sup>+0.1</sup> / <sub>-0.1</sub>	10 <sup>+0.1</sup> / <sub>-0.1</sub>	200	54	80	axial
RM032NdSb99ng01	N35	32 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	54	18	80	axial
RM035NdSb99ng01	N45	35 <sup>+0.1</sup> / <sub>-0.1</sub>	10 <sup>+0.1</sup> / <sub>-0.1</sub>	240	72	80	axial
RM038NdSb99ng04	N35	38 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	76	34	80	axial
RM040NdSb99ng04	N40	40 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	94	38	80	axial
RM040NdSb99ng08	N45	40 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	160	47	80	axial
RM048NdSb99ng02	N35	48 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	125	68	80	axial
RM056NdSb99ng00	N42	56 <sup>+0.2</sup> / <sub>-0.2</sub>	6 <sup>+0.1</sup> / <sub>-0.1</sub>	188	112	80	axial

## 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)

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.