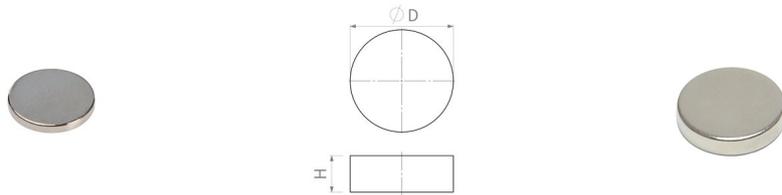


## Raw magnets of Neodymium-iron-boron (NdFeB)

### Disc magnet made of NdFeB, up to max. 150°C



Article number	Quality	D mm	H mm	Adhesive force* N	Weight g	Temperature °C	Magnetisation
MNASm2x2N35H	N35H	2 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	0.8	0.1	120	axial
RM003NdSb99ng48	N45SH	3 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	3	0.1	150	axial
RM004NdSb99ng25	N45SH	4 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	5	0.2	150	axial
MNASm5x2N42H	N42H	5 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	4.5	0.3	120	axial
RM005NdSb99ng10	N35H	5 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	5.5	0.7	120	axial
RM005NdSb99ng90	N45SH	5 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	7	0.4	150	axial
RM006NdSb99ng49	N45SH	6 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	12	0.9	150	axial
RM006NdSb99ng65	N45SH	6 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	9	0.6	150	axial
RM007NdSb99ng23	N45SH	7 <sup>+0.1</sup> / <sub>-0.1</sub>	6 <sup>+0.1</sup> / <sub>-0.1</sub>	17	1.7	150	axial
RM008NdSb99ng55	N45SH	8 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	14	1.1	150	axial
RM008NdSb99ng56	N45SH	8 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	17	1.5	150	axial
MNASm10x2N35H	N35H	10 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	10	1.2	120	axial
RM010NdSb99ng9G	N45SH	10 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	19	1.8	150	axial
RM010NdSb99ng9M	N45SH	10 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	27	3	150	axial
RM010NdSb99ng32	N35H	10 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	21	2.9	120	axial
RM012NdSb99ng08	N40H	12 <sup>+0.1</sup> / <sub>-0.1</sub>	10 <sup>+0.1</sup> / <sub>-0.1</sub>	49	8.6	120	axial
RM012NdSb99ng51	N45SH	12 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	23	2.6	150	axial
RM012NdSb99ng52	N45SH	12 <sup>+0.1</sup> / <sub>-0.1</sub>	6 <sup>+0.1</sup> / <sub>-0.1</sub>	40	5.1	150	axial
MNASm14x3N35H	N35H	14 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	24	3.5	120	axial
RM014NdSb99ng06	N48H	14 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	30	3.5	120	axial

Article number	Quality	D mm	H mm	Adhesive force* N	Weight g	Temperature °C	Magnetisation
RM014NdSb99ng18	N45SH	14 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	28	3.5	150	axial
RM015NdSb99ng57	N45SH	15 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	21	2.7	150	axial
RM015NdSb99ng59	N45SH	15 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.3</sup> / <sub>-0.3</sub>	30	4	150	axial
RM016NdSb99ng11	N45SH	16 <sup>+0.1</sup> / <sub>-0.1</sub>	8 <sup>+0.1</sup> / <sub>-0.1</sub>	71	12	150	axial
RM018NdSb99ng21	N45SH	18 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	37	5.8	150	axial
RM023NdSb99ng15	N45SH	23 <sup>+0.1</sup> / <sub>-0.1</sub>	21 <sup>+0.1</sup> / <sub>-0.1</sub>	198	66	150	axial
RM024NdSb99ng10	N45SH	24 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	52	10	150	axial
RM038NdSb99ng05	N45SH	38 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	111	34	150	axial
RM040NdSb99ng09	N45SH	40 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	117	38	150	axial
RM048NdSb99ng04	N45SH	48 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	175	69	150	axial

#### 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
- " 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.