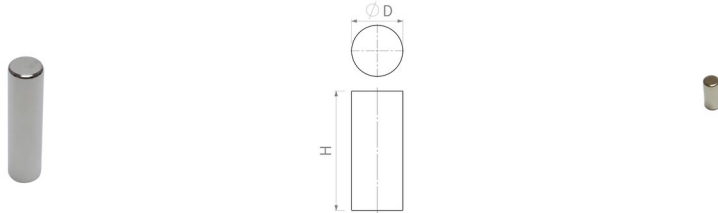


Raw magnets of Neodymium-iron-boron (NdFeB)

Bar magnet of NdFeB, until 80°C



Article number	Quality	D mm	H mm	Adhesive force* N	Weight g	Temperature °C	Magnetisation
RM002NdSb99ng10	N35	2 ^{+0.1} / _{-0.1}	4 ^{+0.1} / _{-0.1}	1	0.1	80	axial
RM002NdSb99ng29	N45	2 ^{+0.1} / _{-0.1}	4 ^{+0.1} / _{-0.1}	1.6	0.1	80	axial
RM002NdSb99ng30	N45	2 ^{+0.1} / _{-0.1}	8 ^{+0.1} / _{-0.1}	1.7	0.2	80	axial
RM003NdSb99ng23	N48	3 ^{+0.1} / _{-0.1}	6 ^{+0.1} / _{-0.1}	2.5	0.3	80	axial
RM003NdSb99ng44	N45	3 ^{+0.1} / _{-0.1}	10 ^{+0.1} / _{-0.1}	3.9	0.5	80	axial
RM003NdSb99ng43	N45	3 ^{+0.1} / _{-0.1}	6 ^{+0.1} / _{-0.1}	3.6	0.3	80	axial
MNAsm4x5	N35	4 ^{+0.1} / _{-0.1}	5 ^{+0.1} / _{-0.1}	3.5	0.5	80	axial
RM004NdSb99ng41	N45	4 ^{+0.1} / _{-0.1}	5 ^{+0.1} / _{-0.1}	6	0.5	80	axial
RM004NdSb99ng42	N45	4 ^{+0.1} / _{-0.1}	10 ^{+0.1} / _{-0.1}	6.9	0.9	80	axial
RM004NdSb99ng43	N45	4 ^{+0.1} / _{-0.1}	15 ^{+0.1} / _{-0.1}	7	1.4	80	axial
RM004NdSb99ng44	N45	4 ^{+0.1} / _{-0.1}	20 ^{+0.1} / _{-0.1}	7.1	1.9	80	axial
RM005NdSb99ng83	N45	5 ^{+0.1} / _{-0.1}	10 ^{+0.1} / _{-0.1}	10	1.5	80	axial
RM005NdSb99ng84	N45	5 ^{+0.1} / _{-0.1}	15 ^{+0.1} / _{-0.1}	11	2.2	80	axial
RM005NdSb99ng75	N45	5 ^{+0.1} / _{-0.1}	20 ^{+0.1} / _{-0.1}	11	2.9	80	axial
RM006NdSb99ng56	N45	6 ^{+0.1} / _{-0.1}	10 ^{+0.1} / _{-0.1}	14	2.1	80	axial
RM006NdSb99ng57	N45	6 ^{+0.1} / _{-0.1}	15 ^{+0.1} / _{-0.1}	14	3.1	80	axial
RM006NdSb99ng58	N45	6 ^{+0.1} / _{-0.1}	25 ^{+0.1} / _{-0.1}	15	5.3	80	axial
RM008NdSb99ng48	N45	8 ^{+0.1} / _{-0.1}	10 ^{+0.1} / _{-0.1}	26	3.8	80	axial
RM008NdSb99ng49	N45	8 ^{+0.1} / _{-0.1}	20 ^{+0.1} / _{-0.1}	27	7.5	80	axial
RM008NdSb99ng50	N45	8 ^{+0.1} / _{-0.1}	30 ^{+0.1} / _{-0.1}	28	11	80	axial

Article number	Quality	D mm	H mm	Adhesive force* N	Weight g	Temperature °C	Magnetisation
RM010NdSb99ng99	N45	10 ^{+0.1} / _{-0.1}	20 ^{+0.1} / _{-0.1}	44	12	80	axial
RM010NdSb99ng9A	N45	10 ^{+0.1} / _{-0.1}	30 ^{+0.1} / _{-0.1}	45	18	80	axial
RM010NdSb99ng9B	N45	10 ^{+0.1} / _{-0.1}	40 ^{+0.1} / _{-0.1}	46	24	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
- » 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.