

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

Block magnet made of NdFeB, up to max. 200°C



Article number	Quality	L mm	B mm	H mm	Adhesive force* N	Weight g	Temperature °C
RM018NdBk99ng13	N48H	18 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	20	1.6	120
RM018NdBk99ng14	N45SH	18 <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>	55	6.8	150
RM025NdBk99ng25	N45SH	25 <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>	18	2.3	150
MNAQm26x26x3.8N35H	N35H	26 <sup>+0.1</sup> / <sub>-0.1</sub>	26 <sup>+0.1</sup> / <sub>-0.1</sub>	3,8 <sup>+0.1</sup> / <sub>-0.1</sub>	60	19	120
RM030NdBk99ng31	N35EH	30 <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>	35	6.8	200

### 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.