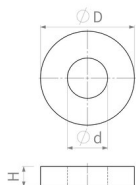


## Raw magnets of Neodymium-iron-boron (NdFeB)

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



Article number	Quality	D mm	d mm	H mm	Adhesive force* N	Weight g	Temperature °C	Magnetisation
RM006NdRi99ng05	N40H	6 <sup>+0.1</sup> / <sub>-0.1</sub>	2 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	4.5	0.6	120	axial
RM012NdRi99ng33	N45SH	12 <sup>+0.1</sup> / <sub>-0.1</sub>	4,5 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	26	2.2	150	axial
RM038NdRi99ng05	N45SH	38 <sup>+0.1</sup> / <sub>-0.1</sub>	12 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	137	31	150	axial
RM048NdRi99ng05	N45SH	48 <sup>+0.1</sup> / <sub>-0.1</sub>	15 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	210	62	150	axial
RM056NdRi99ng03	N45SH	56 <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>	296	104	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, 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.