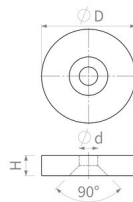


## Raw magnets of Neodymium-iron-boron (NdFeB)

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



Article number	Quality	D mm	d mm	H mm	Adhesive force* N	Weight g	Temperature °C	Magnetisation
RM010NdRi99ng28	N45SH	10 <sup>+0.1</sup> / <sub>-0.1</sub>	3,4 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	26	2.5	150	axial
RM012NdRi99ng32	N45SH	12 <sup>+0.1</sup> / <sub>-0.1</sub>	3,5 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	25	2.2	150	axial
RM015NdRi99ng34	N45SH	15 <sup>+0.1</sup> / <sub>-0.1</sub>	4,5 <sup>+0.1</sup> / <sub>-0.1</sub>	3,5 <sup>+0.1</sup> / <sub>-0.1</sub>	39	3.8	150	axial
RM018NdRi99ng15	N45SH	18 <sup>+0.1</sup> / <sub>-0.1</sub>	4,5 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	53	6.9	150	axial
RM018NdRi99ng16	N45SH	18 <sup>+0.1</sup> / <sub>-0.1</sub>	5,5 <sup>+0.1</sup> / <sub>-0.1</sub>	4,5 <sup>+0.1</sup> / <sub>-0.1</sub>	59	7	150	axial
RM020NdRi99ng36	N35H	20 <sup>+0.1</sup> / <sub>-0.1</sub>	6,4 <sup>+0.1</sup> / <sub>-0.1</sub>	5 <sup>+0.1</sup> / <sub>-0.1</sub>	52	9.3	120	axial
RM024NdRi99ng12	N45SH	24 <sup>+0.1</sup> / <sub>-0.1</sub>	5,5 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	75	12	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.