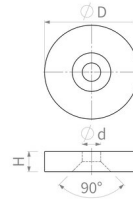


Raw magnets of Neodymium-iron-boron (NdFeB)

Ring magnet of NdFeB, with counterbore, until 80°C



Article number	Quality	D mm	d mm	H mm	Adhesive force* N	Weight g	Temperature °C	Magnetisation
RM008NdRi99ng08	N35	8 ^{+0.1} / _{-0.1}	2,6 ^{+0.1} / _{-0.1}	3 ^{+0.1} / _{-0.1}	7	0.9	80	axial
RM010NdRi99ng12	N35	10 ^{+0.1} / _{-0.1}	3,5 ^{+0.1} / _{-0.1}	3 ^{+0.1} / _{-0.1}	11	1.4	80	axial
MNARm12x3.5x3	N35	12 ^{+0.1} / _{-0.1}	3,5 ^{+0.1} / _{-0.1}	3 ^{+0.1} / _{-0.1}	18	2.2	80	axial
MNARm15x4.5x3.5	N35	15 ^{+0.1} / _{-0.1}	4,5 ^{+0.1} / _{-0.1}	3,5 ^{+0.1} / _{-0.1}	29	3.7	80	axial
MNARm15x4x3_2P	N35	15 ^{+0.1} / _{-0.1}	4,5 ^{+0.1} / _{-0.1}	3,5 ^{+0.1} / _{-0.1}	36	4	80	2-pole
RM015NdRi99ng30	N35	15 ^{+0.1} / _{-0.1}	4,5 ^{+0.1} / _{-0.1}	4 ^{+0.1} / _{-0.1}	30	4.4	80	axial
RM017NdRi99ng00	N48	17 ^{+0.1} / _{-0.1}	4,5 ^{+0.1} / _{-0.1}	5 ^{+0.1} / _{-0.1}	50	7.6	80	axial
MNARm18x4.5x4	N35	18 ^{+0.1} / _{-0.1}	4,5 ^{+0.1} / _{-0.1}	4 ^{+0.1} / _{-0.1}	41	6.5	80	axial
RM020NdRi88ng01	N35	20 ^{+0.1} / _{-0.1}	3,5 ^{+0.1} / _{-0.1}	3 ^{+0.1} / _{-0.1}	52	6.6	80	2-pole
RM023NdRi99ng09	N35	23 ^{+0.1} / _{-0.1}	4,5 ^{+0.1} / _{-0.1}	4 ^{+0.1} / _{-0.1}	65	12	80	axial
MNARm24x5.5x4	N35	24 ^{+0.1} / _{-0.1}	5,5 ^{+0.1} / _{-0.1}	4 ^{+0.1} / _{-0.1}	66	14	80	axial
RM027NdRi99ng04	N35	27 ^{+0.1} / _{-0.1}	4,5 ^{+0.1} / _{-0.1}	4 ^{+0.1} / _{-0.1}	80	16	80	axial
RM034NdRi99ng01	N35	34 ^{+0.1} / _{-0.1}	4,5 ^{+0.1} / _{-0.1}	4 ^{+0.1} / _{-0.1}	100	26	80	axial
RM040NdRi99ng02	N40	40 ^{+0.1} / _{-0.1}	11,5 ^{+0.5} / _{-0.5}	4 ^{+0.1} / _{-0.1}	130	34	80	axial
RM042NdRi99ng02	N35	42 ^{+0.1} / _{-0.1}	4,5 ^{+0.1} / _{-0.1}	4 ^{+0.1} / _{-0.1}	120	41	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
- » 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.