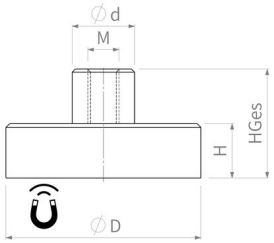
BRUGGER MAGNETSYSTEME

PRODUKTDATENBLATT

Flat pot magnets of Neodymium-iron-boron (NdFeB)

Pot magnets made of NdFeB, steel housing, with threaded bushing, galvanised



Article number	D mm	d mm	H mm	HGes mm	Thread M	Adhesive force* N	Weight g	Temperature °C
F6-NdAv	$6^{+0.1}/_{-0.1}$	$6^{+0.1}/_{-0.1}$	$4{,}5^{+0.1}/_{-0.1}$	$11{,}5^{+0.2}/_{-0.2}$	M3	5	2	80
F8-NdAv	$8^{+0.1}/_{-0.1}$	$6^{+0.1}/_{-0.1}$	$4{,}5^{+0.1}/_{-0.1}$	$11{,}5^{+0.2}/_{-0.2}$	M3	13	3	80
F10-NdAv	$10^{+0.1}/_{-0.1}$	$6^{+0.1}/_{-0.1}$	$4{,}5^{+0.1}/_{-0.1}$	$11{,}5^{+0.2}/_{-0.2}$	M3	25	4	80
F13-NdAv	$13^{+0.1}/_{-0.1}$	$6^{+0.1}/_{-0.1}$	$4{,}5^{+0.1}/_{-0.1}$	$11{,}5^{+0.2}/_{-0.2}$	M3	60	5	80
F16-NdAv	$16^{+0.1}/_{-0.1}$	$6^{+0.1}/_{-0.1}$	$4{,}5^{+0.1}/_{-0.1}$	$11{,}5^{+0.2}/_{-0.2}$	M4	95	7	80
F20-NdAv	$20^{+0.1}/_{-0.1}$	$8^{+0.2}/_{-0.2}$	$6^{+0.1}/_{-0.1}$	$13^{+0.2}/_{-0.2}$	M4	140	16	80
F25-NdAv	$25^{+0.1}/_{-0.1}$	$8^{+0.2}/_{-0.2}$	$7^{+0.2}/_{-0.2}$	$14^{+0.2}/_{-0.2}$	M4	200	27	80
F32-NdAv	$32^{+0.1}/_{-0.1}$	$10^{+0.2}/_{-0.2}$	$7^{+0.2}/_{-0.2}$	$15{,}5^{+0.2}/_{-0.2}$	M5	350	45	80
F40-NdAv	$40^{+0.1}/_{-0.1}$	$10^{+0.2}/_{-0.2}$	$8^{+0.2}/_{-0.2}$	$18^{+0.2}/_{-0.2}$	M6	670	80	80
FG047NdA-06v-01 [1]	$47^{+0.2}/_{-0.1}$	$12^{+0.2}/_{-0.2}$	$9{,}2^{+0.2}/_{-0.3}$	$20{,}5^{+0.6}/_{-0.3}$	M6	790	113	80
FG050NdA-08v-00	$50^{+0.1}/_{-0.1}$	$15^{+0.2}/_{-0.2}$	$10^{+0.2}/_{-0.2}$	$22^{+0.2}/_{-0.2}$	M8	1,000	158	80

PRODUCT NOTICE:

Neodymium pot magnets - maximum force in a compact form.

Our neodymium pot magnets offer you enormous adhesive force in a compact size. The **galvanised steel pot** reinforces the magnetic effect for maximum performance. Perfect for transport, assembly and detachable fastenings in exhibition stand construction or shop fitting. Available in various diameters and here with **threaded bushing**, our pot magnets offer the right solution for every need.

Advantages:

- Direct contact with smooth, ferromagnetic surfaces creates a high adhesive force
- Maximum performance with a compact design

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- Possible applications in many industries

As an alternative to the standard, we also offer customised solutions:

" Black galvanised surface for housing, resulting in higher corrosion resistance (up to 720 hours in a salt spray test - depending on the magnet material)

[1] Housing punched from steel strip, rear edge with radius

* 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.