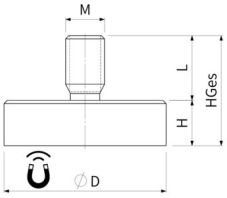
BRUGGER MAGNETSYSTEME

PRODUKTDATENBLATT

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

Pot magnets made of NdFeB, steel housing, with external thread, galvanised



Article number	D mm	H mm	HGes mm	Thread MxL	Adhesive force* N	Weight g	Temperature °C
F6-NdAGvM3x7	$6^{+0.1}/_{-0.1}$	$4{,}5^{+0.1}/_{-0.1}$	11,5	M3x7	5	1.3	80
F8-NdAGvM4x8	$8^{+0.1}/_{-0.1}$	$4{,}5^{+0.1}/_{-0.1}$	12,5	M4x8	13	2.3	80
F10-NdAGvM3x7	$10^{+0.1}/_{-0.1}$	$4{,}5^{+0.1}/_{-0.1}$	11,5	M3x7	25	2.5	80
F10-NdAGvM4x8	$10^{+0.1}/_{-0.1}$	$4{,}5^{+0.1}/_{-0.1}$	12,5	M4x8	25	3	80
F13-NdAGvM5x8	$13^{+0.1}/_{-0.1}$	$4{,}5^{+0.1}/_{-0.1}$	12,5	M5x8	60	5	80
F16-NdAGvM6x8	$16^{+0.1}/_{-0.1}$	$4{,}5^{+0.1}/_{-0.1}$	12,5	M6x8	95	8	80
F20-NdAGvM6x10	$20^{+0.1}/_{-0.1}$	$6^{+0.1}/_{-0.1}$	16	M6x10	140	15	80
F25-NdAGvM6x10	$25^{+0.1}/_{-0.1}$	$7^{+0.2}/_{-0.2}$	17	M6x10	200	27	80
F32-NdAGvM6x10	$32^{+0.1}/_{-0.1}$	$7^{+0.2}/_{-0.2}$	17	M6x10	350	42	80
F40-NdAGvM8x12	$40^{+0.1}/_{-0.1}$	$8^{+0.2}/_{-0.2}$	20	M8x12	670	80	80

PRODUCT INFORMATION:

Our flat pot magnets with **galvanised steel housing and external thread** impress with their high adhesive force and robustness thanks to the strong neodymium magnet material. The compact design enables a wide range of applications, from industrial use to private use. Available in different diameters for every requirement.

As an alternative to the standard version, 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

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(installation situation, temperatures, counter anchors, etc.) sometimes influence the forces enormously. The values given are for orientation purposes. Let our experts advise you.