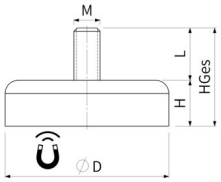
BRUGGER MAGNETSYSTEME

PRODUKTDATENBLATT

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

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



Article number	D mm	H mm	HGes mm	Thread MxL	Adhesive force* N	Weight g	Temperature °C
FG016NdAG04v-08	$16^{+0.1}/_{-0.1}$	$4{,}5^{+0.2}/_{-0.1}$	11,5	M4x7	85	7	80
FG020NdAG05v-04	$20^{+0.2}/_{-0.2}$	$6^{+0.2}/_{-0.1}$	14	M5x8	155	15	80
FG025NdAG06v-22	$25^{+0.3}/_{-0.3}$	$7^{+0.3}/_{-0.3}$	17	M6x10	185	23	80
FG047NdAG08v-01	$47^{+0.2}/_{-0.1}$	$9{,}2^{+0.2}/_{-0.3}$	22,2	M8x13	790	107	80

PRODUCT INFORMATION:

Our pot magnets with NdFeB magnetic core impress with their high adhesive force and robustness. This variant has a stamped and **galvanised housing** and is provided with an **external thread**.

The compact design in **various diameters** enables a wide range of applications, from industrial applications to private use.

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

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