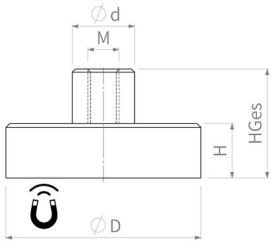
BRUGGER MAGNETSYSTEME

PRODUKTDATENBLATT

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

Flat pot magnets of NdFeB, steel body, with screwed bush, galvanized



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

Alternative to the standard we also offer individual solutions:

» Corrosion protection with black galvanised housing surfaces (up to 720 hours in a salt spray test - depending on the magnet material)

[1] Housing punched from strip steel, rear chamfer 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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