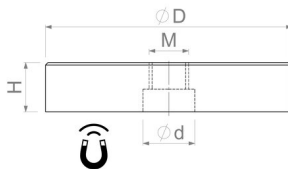


Flat pot magnets of Neodymium-iron-boron (NdFeB)

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



Article number	D mm	d mm	H mm	Thread M	Adhesive force* N	Weight g	Temperature °C
F10-NdDvM3	10 ^{+0.1} / _{-0.1}	4,5	4,5 ^{+0.1} / _{-0.1}	M3	19	2	80
F13-NdDvM3	13 ^{+0.1} / _{-0.1}	4,5	4,5 ^{+0.1} / _{-0.1}	M3	40	4	80
F16-NdDvM3	16 ^{+0.1} / _{-0.1}	6	4,5 ^{+0.1} / _{-0.1}	M3	75	6	80
F20-NdDvM4	20 ^{+0.1} / _{-0.1}	6	6 ^{+0.1} / _{-0.1}	M4	105	13	80
F25-NdDvM4	25 ^{+0.1} / _{-0.1}	4,5	7 ^{+0.2} / _{-0.2}	M4	160	24	80
F32-NdDvM5	32 ^{+0.1} / _{-0.1}	5,5	7 ^{+0.2} / _{-0.2}	M5	330	40	80
F40-NdDvM5	40 ^{+0.1} / _{-0.1}	10,5	8 ^{+0.2} / _{-0.2}	M5	570	74	80
FG047NdD-08v-00 ²	47 ^{+0.2} / _{-0.1}	12,5	9,2 ^{+0.2} / _{-0.3}	M8	740	103.5	80
F50-NdDvM8 ¹	50 ^{+0.1} / _{-0.1}	10,5	10 ^{+0.2} / _{-0.2}	M8	800	140	80
F63-NdDvM10 ¹	63 ^{+0.1} / _{-0.1}	11,7	14 ^{+0.2} / _{-0.2}	M10	1,100	315	80
F75-NdDvM10 ¹	74.6 ^{+0.1} / _{-0.1}	11,7	15 ^{+0.2} / _{-0.2}	M10	1,750	479	80

PRODUCT INFORMATION:

Pot magnets are clever constructions: Their magnetic core is concealed in a **galvanised metal pot**, which leaves the holding surface free and still develops an enormous force. The pot itself deflects the magnetic flux in a targeted manner, which leads to an increase in the adhesive force - even small pot magnets can achieve impressive performance.

The versatility of these magnets makes them valuable in many areas. In industry, for example, they are used as gripper magnets for transporting steel and iron parts. Due to their flat design, they are often referred to as "flat pot magnets". This version has a **practical internal thread** that opens up a wide range of fastening options.

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 With these dimensions, the adhesive surface is protected by a plastic coating. ² 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.