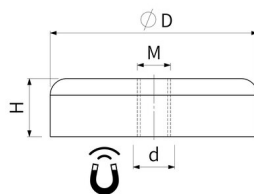


## Flat pot magnets of hard ferrite

Pot magnets made of hard ferrite, steel housing, with internal thread, galvanised



Article number	D mm	d mm	H mm	M	Adhesive force* N	Weight g	Temperature °C
F25D-vM4	25 <sup>+0.1</sup> / <sub>-0.1</sub>	5,2	7 <sup>+0.3</sup> / <sub>-0.2</sub>	M4	36	18	200
F32D-vM4	32 <sup>+0.1</sup> / <sub>-0.1</sub>	5,2	7 <sup>+0.3</sup> / <sub>-0.2</sub>	M4	75	29	200
F40D-vM4	40 <sup>+0.2</sup> / <sub>-0.1</sub>	5,2	8 <sup>+0.4</sup> / <sub>-0.2</sub>	M4	90	53	200
F50D-vM6	50 <sup>+0.2</sup> / <sub>-0.1</sub>	12	10 <sup>+0.5</sup> / <sub>-0.2</sub>	M6	170	94	200
F50D-vM8	50 <sup>+0.2</sup> / <sub>-0.1</sub>	12	10 <sup>+0.5</sup> / <sub>-0.2</sub>	M8	170	94	200
F63D-vM8	63 <sup>+0.3</sup> / <sub>-0.1</sub>	13	14 <sup>+0.5</sup> / <sub>-0.2</sub>	M8	290	206	200
F80D-vM8	80 <sup>+0.3</sup> / <sub>-0.1</sub>	14,5	18 <sup>+0.5</sup> / <sub>-0.2</sub>	M8	550	472	200
FG080HFD-08v-00 <sup>1</sup>	80 <sup>+0.3</sup> / <sub>-0.1</sub>	12	10 <sup>+0.5</sup> / <sub>-0.2</sub>	M8	550	240	200
F80D-vM10	80 <sup>+0.3</sup> / <sub>-0.1</sub>	14,5	18 <sup>+0.5</sup> / <sub>-0.2</sub>	M10	550	466	200

### PRODUCT INFORMATION:

Our **pot magnets made of hard ferrite** impress with their low overall height, as they have a **practical internal thread** and are ideal for use in **trade fair construction, industry and trade**. This internal thread allows the flat pot magnet with **galvanised steel housing** to be easily screwed onto all objects with metric threads.

Hard ferrites offer several important advantages:

- **Cost-effective:** compared to other magnetic materials such as neodymium, hard ferrites are significantly cheaper.
- **High corrosion resistance:** Hard ferrites are resistant to rust and other environmental influences, making them ideal for use in harsh environments.
- **Good temperature stability:** They retain their magnetic force relatively well even at higher temperatures.

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

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

<sup>1</sup> Housing punched from steel strip, rear edge with 4 mm 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.