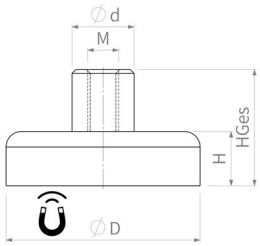
BRUGGER
MAGNETSYSTEME

PRODUKTDATENBLATT

Flat pot magnets of hard ferrite

Pot magnets made of hard ferrite, steel housing, with threaded bushing, galvanised



Article number	D mm	d mm	H mm	HGes mm	M	Adhesive force* N	Weight g	Temperature °C
F10A-vM3	$10^{+0.1}/_{-0.1}$	$6^{+0.1}/_{-0.1}$	$4{,}5^{+0.2}/_{-0.1}$	$11{,}5^{+0.3}/_{-0.2}$	M3	4	3	200
F13A-vM3	$13^{+0.1}/_{-0.1}$	$6^{+0.1}/_{-0.1}$	$4{,}5^{+0.2}/_{-0.1}$	$11{,}5^{+0.3}/_{-0.2}$	M3	10	4	200
F16A-vM3	$16^{+0.1}/_{-0.1}$	$6^{+0.1}/_{-0.1}$	$4{,}5^{+0.2}/_{-0.1}$	$11{,}5^{+0.3}/_{-0.2}$	M3	18	6	200
F20A-vM3	$20^{+0.1}/_{-0.1}$	$6^{+0.1}/_{-0.1}$	$6^{+0.2}/_{-0.1}$	$13^{+0.3}/_{-0.2}$	M3	30	11	200
F25A-vM4	$25^{+0.1}/_{-0.1}$	$8^{+0.2}/_{-0.2}$	$7^{+0.3}/_{-0.2}$	$15^{+0.5}/_{-0.3}$	M4	40	20	200
F32A-vM4	$32^{+0.1}/_{-0.1}$	$8^{+0.2}/_{-0.2}$	$7^{+0.3}/_{-0.2}$	$15^{+0.5}/_{-0.3}$	M4	80	31	200
F36A-vM4	$36^{+0.2}/_{-0.1}$	$8^{+0.2}/_{-0.2}$	$7{,}7^{+0.3}/_{-0.2}$	$16^{+0.5}/_{-0.3}$	M4	100	42	200
F40A-vM4	$40^{+0.2}/_{-0.1}$	$8^{+0.2}/_{-0.2}$	$8^{+0.3}/_{-0.2}$	$16{,}5^{+0.5}/_{-0.3}$	M4	125	57	200
F40A-vM5	$40^{+0.2}/_{-0.1}$	$10^{+0.2}/_{-0.2}$	$8^{+0.3}/_{-0.2}$	$18^{+0.5}/_{-0.3}$	M5	125	59	200
F47A-vM4	$47^{+0.2}/_{-0.1}$	$8^{+0.2}/_{-0.2}$	$9^{+0.4}/_{-0.2}$	$17^{+0.6}/_{-0.3}$	M4	180	86	200
F47A-vM6	$47^{+0.2}/_{-0.1}$	$12^{+0.2}/_{-0.2}$	$9^{+0.4}/_{-0.2}$	$20{,}5^{+0.6}/_{-0.3}$	M6	180	91	200
F50A-vM4	$50^{+0.2}/_{-0.1}$	$8^{+0.2}/_{-0.2}$	$10^{+0.4}/_{-0.2}$	$18{,}5^{+0.6}/_{-0.3}$	M4	220	105	200
F50A-vM6	$50^{+0.2}/_{-0.1}$	$12^{+0.2}/_{-0.2}$	$10^{+0.4}/_{-0.2}$	$22^{+0.6}/_{-0.3}$	M6	220	111	200
F57A-vM4	$57^{+0.2}/_{-0.1}$	$8^{+0.2}/_{-0.2}$	$10{,}5^{+0.5}/_{-0.2}$	$18{,}5^{+0.7}/_{-0.3}$	M4	280	147	200
F57A-vM6	$57^{+0.2}/_{-0.1}$	$12^{+0.2}/_{-0.2}$	$10{,}5^{+0.5}/_{-0.2}$	$22{,}5^{+0.7}/_{-0.3}$	M6	280	153	200
F63A-vM4	$63^{+0.3}/_{-0.1}$	$8^{+0.2}/_{-0.2}$	$14^{+0.5}/_{-0.2}$	$22^{+0.7}/_{-0.3}$	M4	350	228	200
F63A-vM8	$63^{+0.3}/_{-0.1}$	$15^{+0.2}/_{-0.2}$	$14^{+0.5}/_{-0.2}$	$30^{+0.7}/_{-0.3}$	M8	350	245	200
F80A-vM6	$80^{+0.3}/_{-0.1}$	$12^{+0.2}/_{-0.2}$	$18^{+0.5}/_{-0.2}$	$28{,}5^{+0.7}/_{-0.3}$	M6	600	477	200
FG080HFA-06v-00 [1]	$80^{+0.3}/_{-0.1}$	$12^{+0.2}/_{-0.2}$	$10^{+0.5}/_{-0.2}$	$21{,}5^{+0.7}/_{-0.3}$	M6	600	273	200
F80A-vM10	$80^{+0.3}/_{-0.1}$	$20^{+0.2}/_{-0.2}$	$18^{+0.5}/_{-0.2}$	$34^{+0.7}/_{-0.3}$	M10	600	499	200

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Article number	D mm	d mm	H mm	HGes mm	M	Adhesive force* N	Weight g	Temperature °C
F100A-vM12	$100^{+0.5}/_{-0.1}$	$22^{+0.2}/_{-0.2}$	$22^{+0.5}/_{-0.2}$	$43^{+0.7}/_{-0.3}$	M12	900	956	200
F125A-vM14	$125^{+0.5}/_{-0.1}$	$25^{+0.2}/_{-0.2}$	$26^{+0.5}/_{-0.2}$	$50^{+0.7}/_{-0.3}$	M14	1,300	1,720	200

PRODUCT INFORMATION:

Our **pot magnets made of hard ferrite** combine robust performance with easy handling.
The practical **threaded bushing** on a **galvanised steel housing** enables quick and secure screwing onto all objects with metric threads.

Ideal for exhibition stand construction, industry and trade.

Why do we choose hard ferrites?

- **Cost-efficient** : Compared to other magnetic materials such as neodymium, hard ferrites are significantly cheaper - without compromising on performance.
- **Rust-free & durable:** The high corrosion resistance makes our pot magnets ideal for use in harsh environments.
- **Heat resistant:** Hard ferrites retain their magnetic strength even at higher temperatures.

As an alternative to the standard, 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 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.

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