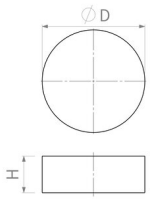
BRUGGER MAGNETSYSTEME

PRODUKTDATENBLATT

Raw magnets of hard ferrite

Disc magnet of hard ferrite



Article number	Quality	D mm	H mm	Adhesive force* N	Weight g	Temperature °C	Magnetisation
MFASm8x4	26/22	$8^{+0.5}/_{0}$	$4^{+0.1}/_{-0.1}$	1.7	1	250	axial
MFASm8x5mKHL	28/16	$8^{+0.2}/_{-0.2}$	$5^{+0.3}/_{0}$	1.5	1.4	250	2-pole axial
MFASm10.7x4	26/22	$10.7^{+0.3}/_{0}$	$4^{+0.1}/_{-0.1}$	2.5	1.9	250	axial
MFASm12x4mKMPL	28/16	$12^{+0.1}/_{-0.4}$	$4^{+0.1}/_{-0.2}$	3	2	250	2-pole axial
MFASm13.6x3.9	26/22	$13.6^{+0.3}/_{-0.3}$	$3,9^{+0.1}/_{-0.1}$	3.5	2.8	250	axial
MFASm14x5mKMPL	28/16	$14^{0}/_{-0.3}$	$5^{+0.3}/_{-0.3}$	4	3.5	250	multipole
MFASm17.2x5.3	26/22	$17.2^{+0.3}/_{-0.3}$	$5,3^{+0.1}/_{-0.1}$	4	5.9	250	axial
RM019HFSb99rh00	26/22	$19.8^{0}/_{-0.4}$	$10^{+0.1}/_{-0.1}$	9	15	250	axial
MFASm20x5mKMPL	28/16	$20^{0}/_{-0.4}$	$5^{+0.3}/_{0}$	6.5	7.8	250	multipole
MFASm20x6	26/22	$20^{+0.4}/_{-0.4}$	$6^{+0.1}/_{-0.1}$	6	9	250	axial
MFASm22x6	26/22	$21.5^{+0.3}/_{-0.3}$	$6^{+0.1}/_{-0.1}$	7.5	11	250	axial
MFASm25x5mKMPL	28/16	$25^{0}/_{-0.4}$	$5^{+0.3}/_{0}$	10	11	250	multipole
MFASm28x6	26/22	$28^{+0.5}/_{-0.5}$	$6^{+0.1}/_{-0.1}$	10	18	250	axial
MFASm30x5mKMPL	28/16	$30^{+0.2}/_{-0.5}$	$5^{+0.2}/_{-0.2}$	12	17	250	multipole
MFASm30x6	26/22	$30^{+0.5}/_{-0.5}$	$6^{+0.1}/_{-0.1}$	11	20	250	axial
MFASm30x10.3	24/23	$30.2^{0}/_{-0.8}$	$10,3^{+0.1}/_{-0.1}$	16	36	250	axial
MFASm36x6.5	26/22	$35.2^{+0.1}/_{-0.1}$	$6,5^{+0.1}/_{-0.1}$	15	32	250	axial
MFASm40x7	28/16	$40^{+0.8}/_{-0.8}$	$7^{+0.1}/_{-0.1}$	19	45	250	axial
MFASm45x8.5	26/22	$45^{0}/_{-0.9}$	$8,5^{+0.1}/_{-0.1}$	22	65	250	axial
MFASm51x8.4	26/22	$51^{+1}/_{-1}$	$8,4^{+0.1}/_{-0.1}$	24	90	250	axial

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Article number	Quality	D mm	H mm	Adhesive force* N	Weight g	Temperature °C	Magnetisation
MFASm56x12	28/16	$56^{+1.2}_{-1.2}$	$12^{+0.1}_{-0.1}$	29	150	250	axial
MFASm70x15	26/24	$70^{+1.5}_{-1.5}$	$15^{+0.1}_{-0.1}$	71	280	250	axial
RM072HFSb99rh00	24/23	$72^{+0.2}_{-0.2}$	$8^{+0.1}_{-0.1}$	30	156	250	axial
MFASm87x18	26/22	$87^{+1.5}_{-1.5}$	$18^{+0.1}_{-0.1}$	85	500	250	axial
MFASm107x21	28/26	108^{0}_{-1}	$21^{+0.1}_{-0.1}$	100	920	250	axial

PRODUCT INFORMATION:

For the production of HF magnets, tools are often required. Therefore, not every desired dimension can be realised. Simple forms and small quantities can be cut from blocks or bars. The surface is blank but not free of dust. The specified temperature refers to the maximum operating temperature of the material. The resistance may be reduced due to the geometry.

As an alternative to the standard we also offer individual solutions:

» customised dimensions

» modified directions of magnetisation

» other types of magnetisation

» further qualities

Magnetized via the height (H). When multipole magnetized the holding force is reinforced on the lacquered holding surface. On the surface not lacquered, however, the holding force is reduced.

* 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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