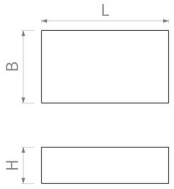
BRUGGER MAGNETSYSTEME

PRODUKTDATENBLATT

Raw magnets of hard ferrite

Block magnet of hard ferrite



Article number	Quality	L mm	B mm	H mm	Adhesive force* N	Weight g	Temperature °C	Magnetisation
MFAQm12x10.5x7	26/22	$12^{+0.3}/_{-0.3}$	$10{,}5^{+0.2}/_{-0.2}$	$7^{+0.1}/_{-0.1}$	4	4.2	250	axial
MFAQm25x9x5	24/23	$25^{+0.3}/_{-0.3}$	$9^{+0.2}/_{-0.2}$	$5^{+0.1}/_{-0.1}$	5	5.5	250	axial
MFAQm30x10x6	28/26	$30^{+0.5}/_{-0.5}$	$10^{+0.3}/_{-0.3}$	$6^{+0.1}/_{-0.1}$	7	8.3	250	axial
MFAQm30x15x5MPl	26/22	$30^{+0.6}/_{-0.6}$	$15^{+0.4}/_{-0.4}$	$5^{+0.2}/_{-0.2}$	9	11	250	multipole
MFAQm39x10x4	28/26	$40^{+1}/_{-1}$	$10^{+0.3}/_{-0.3}$	$4^{+0.1}/_{-0.1}$	6.5	7.5	250	axial
RM040HFBk99rh04	26/22	$40^{+0.1}/_{-0.2}$	$18^{+0.1}/_{-0.2}$	$6^{+0.1}/_{-0.1}$	11	21	250	axial
MFAQm43x10x3.8	26/22	$43^{0}/_{-0.5}$	$10^{+0.2}/_{-0.2}$	$3{,}8^{+0.1}/_{-0.1}$	6	7.8	250	axial
MFAQm45x12x6	26/22	$45^{+0.5}/_{-0.5}$	$12^{+0.3}/_{-0.3}$	$6^{+0.1}/_{-0.1}$	10	16	250	axial
MFAQm49.5x9x4.9	26/22	$49{,}5^{+0.5}/_{-0.5}$	$9{,}3^{+0.3}/_{-0.3}$	$4{,}9^{-0.1}/_{-0.2}$	10	12	250	axial
MFAQm50x15x5MPl	28/16	$50^{0}/_{-1}$	$15^{+0.2}/_{-0.3}$	$5^{+0.5}/_{0}$	18	19	250	multipole
MFAQm75x14x10	28/16	$75{,}5^{+1.5}/_{-1.5}$	$14^{+0.1}/_{-0.1}$	$9{,}8^{0}/_{-0.1}$	28	50	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

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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.