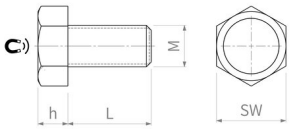
BRUGGER MAGNETSYSTEME

PRODUKTDATENBLATT

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

Pot magnets made of NdFeB, steel housing, with external thread and external hexagon



Article number	Thread MxL	h mm	SW mm	Adhesive force* N	Weight g	Temperature °C
FG010NdAG06v-00	M6x12	$4^{0}/_{-0.5}$	10	25	6	80
FG010NdAG06v-01	M6x16	$4^{0}/_{-0.5}$	10	25	6	80
FG010NdAG06v-02	M6x20	$4^{0}/_{-0.5}$	10	25	7	80
FG010NdAG06v-03	M6x25	$4^{0}/_{-0.5}$	10	25	8	80
FG010NdAG06v-04	M6x30	$4^{0}/_{-0.5}$	10	25	10	80
FG013NdAG08v-00	M8x16	$5{,}3^{0}/_{-0.5}$	13	50	11	80
FG013NdAG08v-01	M8x20	$5{,}3^{0}/_{-0.5}$	13	50	12	80
FG013NdAG08v-02	M8x25	$5{,}3^{0}/_{-0.5}$	13	50	15	80
FG013NdAG08v-03	M8x30	$5{,}3^{0}/_{-0.5}$	13	50	17	80
FG013NdAG08v-04	M8x40	$5{,}3^{0}/_{-0.5}$	13	50	21	80
FG017NdAG10v-00	M10x20	$6{,}4^{0}/_{-0.5}$	17	75	24	80
FG017NdAG10v-01	M10x25	$6{,}4^{0}/_{-0.5}$	17	75	27	80
FG017NdAG10v-02	M10x30	$6{,}4^{0}/_{-0.5}$	17	75	31	80
FG017NdAG10v-03	M10x40	$6{,}4^{0}/_{-0.5}$	17	75	37	80
FG017NdAG10v-04	M10x50	$6{,}4^{0}/_{-0.5}$	17	75	43	80
FG019NdAG12v-00	M12x25	$7{,}5^{0}/_{-1}$	19	110	40	80
FG019NdAG12v-01	M12x30	$7{,}5^{0}/_{-1}$	19	110	45	80
FG019NdAG12v-02	M12x40	$7{,}5^{0}/_{-1}$	19	110	54	80
FG019NdAG12v-03	M12x50	$7{,}5^{0}/_{-1}$	19	110	62	80
FG019NdAG12v-04	M12x60	$7{,}5^{0}/_{-1}$	19	110	71	80
FG024NdAG16v-00	M16x30	$10^{0}/_{-1}$	24	145	86	80

Gewerbestraße 23 78739 Hardt T. +49 7422 9519-0 F. +49 7422 9519-22 E. info@brugger-magnet.de

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Article number	Thread MxL	h mm	SW mm	Adhesive force* N	Weight g	Temperature °C
FG024NdAG16v-01	M16x40	$10^{0}/_{-1}$	24	145	100	80
FG024NdAG16v-02	M16x50	$10^{0}/_{-1}$	24	145	117	80
FG024NdAG16v-03	M16x60	$10^{0}/_{-1}$	24	145	133	80
FG024NdAG16v-04	M16x80	$10^{0}/_{-1}$	24	145	165	80

PRODUCT INFORMATION:

The **pot magnets with external hexagon** are made from standard parts in accordance with DIN EN ISO 4017-8.8. The hexagon head screws are suitable for tightening with an open-end spanner. This is a particular advantage over our round flat pot magnets, which can only be screwed on hand-tight. The hexagon head screws are available in **different lengths** according to a defined standard. This simplified manufacturing process results in a cost advantage compared to turned special parts.

* 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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