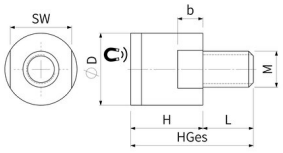
BRUGGER MAGNETSYSTEME

PRODUKTDATENBLATT

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

Pot magnets made of NdFeB, stainless steel housing, with external thread, rubberised holding surface



Article number	D mm	H mm	HGes mm	Thread MxL	SW mm	b mm	Adhesive force* N	Weight g	Temperature °C
FG010NdAG04rh00	$10^{+0.2}/_{-0.2}$	$14^{+0.2}/_{-0.2}$	20	M4x6	8	4	9.5	7.5	80
FG013NdAG06rh00	$13^{+0.2}/_{-0.2}$	$16^{+0.2}/_{-0.2}$	26	M6x10	11	4	15	13	80
FG016NdAG08rh00	$16^{+0.2}/_{-0.2}$	$18^{+0.2}/_{-0.2}$	30	M8x12	13	5	23	23	80
FG020NdAG10rh00	$20^{+0.2}/_{-0.2}$	$20^{+0.2}/_{-0.2}$	34	M10x14	17	7	46	44	80
FG025NdAG10rh00	$25^{+0.2}/_{-0.2}$	$20^{+0.2}/_{-0.2}$	35	M10x14	21	7	95	77	80

PRODUCT INFORMATION:

Magnetic system with **stainless steel housing**, an **external thread** and a strong **neodymium magnetic core**. The depth effect of the magnetic field is greater with this series than with the classic flat gripper systems. Two milled surfaces on the circumference ensure that the magnetic system can be firmly screwed on with a tool. The **holding surface is moulded with a hard rubber (TPE)** and protects the magnet from impacts. At the same time, the rubber layer has a noise-damping effect.

* 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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