BRUGGER MAGNETSYSTEME

PRODUKTDATENBLATT

Bar magnets of Neodymium-iron-boron (NdFeB)

Deep pot magnet made of NdFeB, brass housing, with machinable holding surface and fit tolerance h6



Article number	D mm	H mm	A[1] mm	B[1] mm	Adhesive force 1* N [2]	Adhesive force 2* N [2]	Weight g	Temperature °C
SG006NdB-00rh02	6 (h6)	$20^{+0.2}/_{-0.2}$	10	3	9	12	4	150
SG008NdB-00rh02	8 (h6)	$20^{+0.2}/_{-0.2}$	10	3	22	29	8	150
SG010NdB-00rh04	10 (h6)	$20^{+0.2}/_{-0.2}$	8	5	27	38	12	150
SG013NdB-00rh03	13 (h6)	$20^{+0.2}/_{-0.2}$	6	5	49	66	20	150
SG016NdB-00rh03	16 (h6)	$20^{+0.2}/_{-0.2}$	2	6	94	108	28	150
SG020NdB-00rh04	20 (h6)	$25^{+0.2}/_{-0.2}$	5	7	173	235	57	150
SG025NdB-00rh05	25 (h6)	$35^{+0.3}/_{-0.3}$	7	8	292	380	127	150
SG032NdB-00rh03	32 (h6)	$40^{+0.3}/_{-0.3}$	4.5	10	529	640	233	150

PRODUCT INFORMATION:

The deep pot magnets can be machined on both sides. A customised contour is possible on the holding surface. The holding force can also be adjusted. Deep pot magnets with an area for free machining on the holding surface also offer better wear protection compared to other deep pot magnets.

As an alternative to the standard, we also offer customised solutions:

" Housing + pole shoes made of stainless steel

" Higher holding force

" Higher operating temperature up to 280 °C

[1] max. length by which the deep pot magnet can be shortened or machined without damaging it.

[2] Max. adhesive force to be achieved if the deep pot magnet is shortened by dimension B. This value is reduced accordingly if the entire dimension B is not shortened.

* 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

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(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.