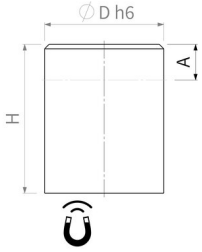
BRUGGER MAGNETSYSTEME

PRODUKTDATENBLATT

Bar magnets of Neodymium-iron-boron (NdFeB)

Deep pot magnet made of NdFeB, steel housing, with fit tolerance h6



Article number	D mm	H mm	A[1] mm	Adhesive force* N	Weight g	Temperature °C
S4PNd	4 (h6)	$10^{+0.2}/_{-0.2}$	7	2.5	1	80
S5PNd	5 (h6)	$10^{+0.2}/_{-0.2}$	6	4.5	1.5	80
S6PNd	6 (h6)	$10^{+0.2}/_{-0.2}$	5	6	2	80
S8PNd	8 (h6)	$12^{+0.2}/_{-0.2}$	7	12	5	80
S10PNd	10 (h6)	$16^{+0.2}/_{-0.2}$	11	24	10	80
S13PNd	13 (h6)	$18^{+0.2}/_{-0.2}$	13	60	18	80
S16PNd	16 (h6)	$20^{+0.2}/_{-0.2}$	15	90	31	80
S20PNd	20 (h6)	$25^{+0.2}/_{-0.2}$	18	135	61	80
S25PNd	25 (h6)	$30^{+0.2}/_{-0.2}$	22	190	114	80
S32PNd	32 (h6)	$35^{+0.2}/_{-0.2}$	27	340	217	80

Our deep pot magnets are magnetic systems with a cylindrical housing and impress with their high holding force. They are the perfect solution for machine, tool and fixture construction as well as for many other industries. You can use them to hold, clamp, transport and lift ferrous workpieces safely and reliably.

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

* 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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