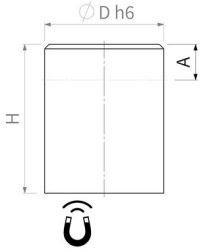
BRUGGER MAGNETSYSTEME

PRODUKTDATENBLATT

Bar magnets of Aluminum-nickel-cobalt (AlNiCo)

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



Article number	D mm	H mm	A[1] mm	Adhesive force* N	Weight g	Temperature °C
S6P	6 (h6)	$10^{+0.2}/_{-0.2}$	2	2	2	450
S8P	8 (h6)	$12^{+0.2}/_{-0.2}$	3	4	4.5	450
S10P	10 (h6)	$16^{+0.2}/_{-0.2}$	6	8.5	9.5	450
S13P	13 (h6)	$18^{+0.2}/_{-0.2}$	6	12	18	450
S16P	16 (h6)	$20^{+0.2}/_{-0.2}$	6	20	30	450
S20P	20 (h6)	$25^{+0.2}/_{-0.2}$	5	40	57	450
S25P	25 (h6)	$30^{+0.2}/_{-0.2}$	7	60	106	450
S32P	32 (h6)	$35^{+0.2}/_{-0.2}$	4	160	187	450
S40P	40 (h6)	$45^{+0.2}/_{-0.2}$	5	240	390	450
S50P	50 (h6)	$50^{+0.2}/_{-0.2}$		400	639	450
S63P	63 (h6)	$60^{+0.2}/_{-0.2}$	5	660	1,175	450

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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