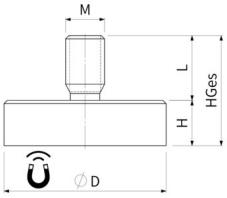
BRUGGER MAGNETSYSTEME

PRODUKTDATENBLATT

Flat pot magnets of Samarium-Cobalt (SmCo)

Pot magnets made of SmCo, stainless steel housing, with external thread, tightly welded, up to 350°C



Article number	D mm	H mm	HGes mm	Thread MxL	Adhesive force* N	Weight g	Temperature °C
MS016SCAG06rh00	$16^{+0.2}/_{-0.2}$	$7^{+0.2}/_{-0.2}$	15	M6x8	6.5	12	350
MS020SCAG06rh01	$20^{+0.2}/_{-0.2}$	$7{,}5^{+0.2}/_{-0.2}$	17,5	M6x10	20	20	350
MS025SCAG06rh00	$25^{+0.2}/_{-0.2}$	$7{,}5^{+0.2}/_{-0.2}$	17,5	M6x10	30	30	350
MS032SCAG06rh00	$32^{+0.2}/_{-0.2}$	$8^{+0.2}/_{-0.2}$	18	M6x10	77	51	350

PRODUCT NOTE:

Our **solenoid systems with stainless steel housings** are versatile due to their outstanding properties. The completely closed and **tightly welded stainless steel sleeve in grade 1.4404** is highly resistant to corrosion, acids and alkalis.

The **magnetic core made of SmCo** also has a **temperature resistance of 350°C**. The standardised **thread adapter** simplifies the changeover to the different dimensions.

Application:

These magnet systems are very well suited for permanent outdoor use. Short-term underwater use is also possible. When used in paint shops, they can be cleaned chemically or thermally.

The systems can withstand high thermal loads and can therefore also be used as fittings on oven doors. The high quality of the stainless steel housing also allows them to be used in the production of dairy products.

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

" alternative thread sizes and lengths

" Casing made of stainless steel 1.4301 or 1.4571

* 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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