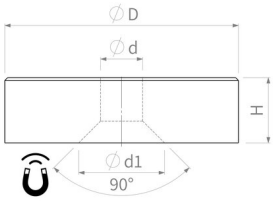
BRUGGER MAGNETSYSTEME

PRODUKTDATENBLATT

Flat pot magnets of Samarium-Cobalt (SmCo)

Pot magnets made of SmCo, steel housing, with hole and countersink, galvanised, up to 280°C



Article number	D mm	d mm	d1 mm	H mm	Adhesive force* N	Weight g	Temperature °C
F16-SCCvT	$16^{+0.1}/_{-0.1}$	$3{,}5^{+0.1}/_{-0.1}$	$6{,}6^{+1}/_{0}$	$4{,}5^{+0.1}/_{-0.1}$	57	6	280
F20-SCCvT	$20^{+0.1}/_{-0.1}$	$4{,}5^{+0.1}/_{-0.1}$	$9{,}3^{+1}/_{0}$	$6^{+0.1}/_{-0.1}$	81	13	280
F25-SCCvT	$25^{+0.1}/_{-0.1}$	$4{,}5^{+0.1}/_{-0.1}$	$9{,}2^{+1}/_{0}$	$7^{+0.1}/_{-0.1}$	105	25	280
F32-SCCvT	$32^{+0.1}/_{-0.1}$	$5{,}5^{+0.1}/_{-0.1}$	$11{,}5^{+1}/_{0}$	$7^{+0.1}/_{-0.1}$	235	40	280
F40-SCCvT	$40^{+0.1}/_{-0.1}$	$5{,}5^{+0.1}/_{-0.1}$	$11{,}5^{+1}/_{0}$	$8^{+0.1}/_{-0.1}$	540	75	280

PRODUCT NOTE:

Experience the difference: This pot magnet system with **Samarium Cobalt core** combines maximum performance in a compact design. Ideal for demanding applications, the system has exceptional holding power, even **at high temperatures up to 280 °C**. The robust and **galvanised stainless steel housing with bore and countersink** offers additional durability and easy mounting.

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

" Black galvanised surface for housing, resulting in higher corrosion resistance (up to 720 hours in salt spray test - depending on magnet material)

* 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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