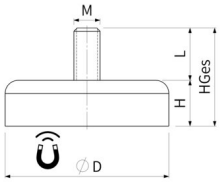
BRUGGER MAGNETSYSTEME

PRODUKTDATENBLATT

Flat pot magnets of Samarium-Cobalt (SmCo)

Pot magnets made of SmCo, steel housing, with external thread, galvanised



Article number	D mm	H mm	HGes mm	Thread MxL	Adhesive force* N	Weight g	Temperature °C
F8-SCAGvM4x8	$8^{+0.1}/_{-0.1}$	$4,5^{+0.1}/_{-0.1}$	12,5	M4x8	11	2	200
F10-SCAGvM4x8	$10^{+0.1}/_{-0.1}$	$4,5^{+0.1}/_{-0.1}$	12,5	M4x8	20	3	200
F13-SCAGvM5x8	$13^{+0.1}/_{-0.1}$	$4,5^{+0.1}/_{-0.1}$	12,5	M5x8	40	6	200
F16-SCAGvM6x8	$16^{+0.1}/_{-0.1}$	$4,5^{+0.1}/_{-0.1}$	12,5	M6x8	60	8	200
F20-SCAGvM6x10	$20^{+0.1}/_{-0.1}$	$6^{+0.1}/_{-0.1}$	16	M6x10	90	18	200
F25-SCAGvM6x10	$25^{+0.1}/_{-0.1}$	$7^{+0.2}/_{-0.2}$	17	M6x10	150	28	200
F32-SCAGvM6x10	$32^{+0.1}/_{-0.1}$	$7^{+0.2}/_{-0.2}$	17	M6x10	220	42	200
F40-SCAGvM8x12	$40^{+0.1}/_{-0.1}$	$8^{+0.2}/_{-0.2}$	20	M8x12	580	82	200

PRODUCT NOTE:

Maximum performance in a compact form: This **pot magnet system with Samarium Cobalt core** offers exceptional holding power, even at high temperatures. The robust **galvanised steel** construction with a **threaded stud** guarantees durability and safe use. Ideal for demanding applications!

As an alternative to the standard, 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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