

Flat pot magnets of Samarium-Cobalt (SmCo)

Flat pot magnets of SmCo, steel body, with external thread, galvanized



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

Alternative to the standard we also offer individual solutions:

» Corrosion protection with black galvanised housing surfaces (up to 720 hours in a salt spray test - depending on the 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.