

## Flat pot magnets of Samarium-Cobalt (SmCo)

Flat pot magnets of SmCo, steel body, with bore and counter bore, galvanized, until 280°C



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

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.