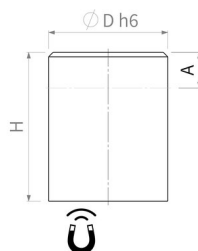


## Bar magnets of Samarium-Cobalt (SmCo)

### Deep pot magnet made of SmCo, brass housing, with fit tolerance h6



Article number	D mm	H mm	A <sup>1</sup> mm	Distance mm	Adhesive force* N	Weight g	Temperature °C
SG-6-SC/h6	6 (h6)	20 <sup>+0.2</sup> / <sub>-0.2</sub>	10	1.5	8	4.5	200
SG-8-SC/h6	8 (h6)	20 <sup>+0.2</sup> / <sub>-0.2</sub>	10	1.5	22	8	200
SG-10-SC/h6	10 (h6)	20 <sup>+0.2</sup> / <sub>-0.2</sub>	8	2	40	12	200
SG-13-SC/h6	13 (h6)	20 <sup>+0.2</sup> / <sub>-0.2</sub>	6	2.5	60	20	200
SG-16-SC/h6	16 (h6)	20 <sup>+0.2</sup> / <sub>-0.2</sub>	2	3	125	30	200
SG-20-SC/h6	20 (h6)	25 <sup>+0.2</sup> / <sub>-0.2</sub>	5	4	250	60	200
SG-25-SC/h6	25 (h6)	35 <sup>+0.3</sup> / <sub>-0.3</sub>	7	5	400	134	200
SG-32-SC/h6	32 (h6)	40 <sup>+0.3</sup> / <sub>-0.3</sub>	4.5	6	600	251	200

#### PRODUCT INFORMATION:

When installing the deep pot magnet directly in iron, the adhesive force is reduced by up to 15% due to magnetic short circuits. To avoid this, certain distances must be maintained between the brass sheath of the deep pot magnet and the iron. The distances to the iron must also be maintained if the deep pot magnet has been shortened by dimension A. The recommended distances can be found in the column below (distance mm).

The holding surface is ground and therefore not galvanised.

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

- " Housing made of stainless steel
- " Housing completely galvanised for better corrosion protection
- " Higher operating temperature up to 280 °C
- " Pole shoes made of stainless steel

<sup>1</sup> Max. length by which the deep pot magnet can be shortened or machined without damaging it.

\* 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.