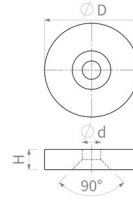


## Raw magnets of Samarium-Cobalt (SmCo)

### Ring magnet of SmCo, with reduction



Article number	Quality	D mm	H mm	Adhesive force* N	Weight g	Temperature °C	Magnetisation	d mm
RM012SCRI99rh07	RCS26H	12 <sup>+0.1</sup> / <sub>-0.1</sub>	3 <sup>+0.1</sup> / <sub>-0.1</sub>	15	2.4	350	axial	3,5 <sup>+0.1</sup> / <sub>-0.1</sub>
RM015SCRI99rh05	RCS26H	15 <sup>+0.1</sup> / <sub>-0.1</sub>	3,5 <sup>+0.1</sup> / <sub>-0.1</sub>	21	4	350	axial	4,5 <sup>+0.1</sup> / <sub>-0.1</sub>
RM018SCRI99rh03	RCS26H	18 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	30	7.5	350	axial	4,5 <sup>+0.1</sup> / <sub>-0.1</sub>
RM024SCRI99rh01	RCS26H	24 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	56	13	350	axial	5,5 <sup>+0.1</sup> / <sub>-0.1</sub>
RM032SCRI99rh03	RCS26H	32 <sup>+0.1</sup> / <sub>-0.1</sub>	4 <sup>+0.1</sup> / <sub>-0.1</sub>	72	25	350	axial	5,5 <sup>+0.1</sup> / <sub>-0.1</sub>

#### PRODUCT INFORMATION:

SmCo magnets can be produced in almost every size and without tool costs. Even very small quantities are possible. The surface is blank. The specified temperature refers to the maximum operating temperature of the material. The resistance may be reduced due to the geometry.

As an alternative to our standard product we offer:

- » customised dimensions
- » modified directions of magnetisation
- » other types of magnetisation
- » further qualities
- » additional coating (e.g. zinc-plated, nickel-plated, epoxy-coated)

Magnetized via the height (H)

\* 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.