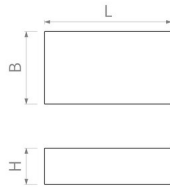## Raw magnets of Samarium-Cobalt (SmCo)

Block magnet of SmCo

Article number	Quality	L mm	B mm	H mm	Adhesive force* N	Weight g	Temperature °C	Magnetisation
MSAQm7.5x4x1.5	RCS26H	$7{,}5\,^{+0.1}/_{-0.1}$	$4\,^{+0.1}/_{-0.1}$	$1{,}5\,^{+0.1}/_{-0.1}$	3.4	0.4	350	axial
MSAQm7.5x6x2	RCS26H	$7{,}5\,^{+0.1}/_{-0.1}$	$6\,^{+0.1}/_{-0.1}$	$2\,^{+0.1}/_{-0.1}$	5	0.7	350	axial
MSAQm10x7.5x2	RCS26H	$10\,^{+0.1}/_{-0.1}$	$7{,}5\,^{+0.1}/_{-0.1}$	$2\,^{+0.1}/_{-0.1}$	7.5	1.2	350	axial
MSAQm12x9.5x2.5	RCS26H	$12\,^{+0.1}/_{-0.1}$	$9{,}5\,^{+0.1}/_{-0.1}$	$2{,}5\,^{+0.1}/_{-0.1}$	11	2.5	350	axial
MSAQm16x12x2.5	RCS26H	$16\,^{+0.1}/_{-0.1}$	$12{,}5\,^{+0.1}/_{-0.1}$	$2{,}5\,^{+0.1}/_{-0.1}$	15	4	350	axial
MSAQm18x16.5x4	RCS26H	$18\,^{+0.1}/_{-0.1}$	$16{,}5\,^{+0.1}/_{-0.1}$	$4\,^{+0.1}/_{-0.1}$	29	10	350	axial
MSAQm26x20.3x5	RCS26H	$26\,^{+0.1}/_{-0.1}$	$20{,}3\,^{+0.1}/_{-0.1}$	$5\,^{+0.1}/_{-0.1}$	51	22	350	axial
MSAQm33x26x6.5	RCS26H	$33\,^{+0.1}/_{-0.1}$	$26{,}3\,^{+0.1}/_{-0.1}$	$6{,}5\,^{+0.1}/_{-0.1}$	85	47	350	axial

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.