

Samarium-Cobalt permanents magnets

Samarium Cobalt 170/140 is highly resistant to demagnetisation and corrosion, so no surface treatment is required. It is used in high-temperature environments up to 300°C. These magnets can be bonded, embedded or overmoulded.



Rectangular Samarium Cobalt magnets



Cylindrical Samarium Cobalt magnets

SmCo magnets are made from an alloy of samarium and cobalt. These Samarium Cobalt magnets are available in a wide range of sizes and shapes (rectangular and cylindrical) with varying typical load-bearing capacities. Arelec Solution offers other models (Ferrite, Alnico and Neodymium Iron Boron) with a wide range of dimensions and magnetic powers.

Model	Dimensions (mm)	Reference	Quantity per smallest packaging
Rectangular Samarium Cobalt magnets	10 x 5 x 3	0019062	100
	15 x 15 x 2	0019060	100
	15 x 15 x 5	0019064	100
	20 x 6 x 5	0019065	100
	20 x 10 x 2.5	0019061	100
	21 x 7 x 4	0019063	100

Model	Dimensions (mm)	Reference	Quantity per smallest packaging
Cylindrical Samarium Cobalt magnets	Diam 4 x 2	0019021	100
	Diam 5 x 3	0019023	100
	Diam 6 x 3	0019024	100
	Diam 6.5 x 1.5	0019020	100
	Diam 8 x 2	0019022	100
	Diam 8 x 5	0019027	100
	Diam 9 x 5	0019028	100
	Diam 10 x 3	0019025	100
	Diam 10 x 5	0019029	100
	Diam 12 x 3	0019026	100
	Diam 12 x 5	0019030	100
	Diam 15 x 5	0019031	100
	Diam 20 x 5	0019032	100