

Technical Data Sheet

Samarium Cobalt Disc Magnets

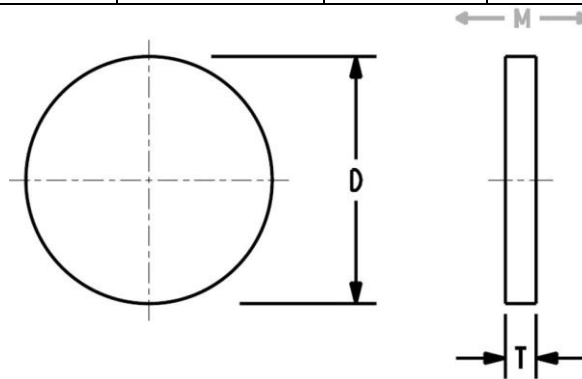
Samarium Cobalt Magnets produce energy rivaling that of Neodymium. Samarium Cobalt 26 has an even higher temperature stability than the 18 and 22 grades and is especially suited for applications demanding high energy in high-temperature environments. Typical uses include many hi-tech applications, such as computers, electronics, switches, and automotive “under-the-hood” applications, where elevated temperatures apply.

Product Specifications

Shape:	Disc
Tolerance:	.005
Material:	SmCo
Plating:	None
Max. Operating Temperature:	575°
Br. Max:	8900
BH Max:	18



Part No.	Diameter	Thickness	Grade	Holding Force(lbs)	Price
SS-819AM	.200	.060	18	0.51	\$1.30



- All Measurements are in inches (unless otherwise noted)
- Direction of Magnetization (DOM) is through the thickness unless noted
- Unless otherwise specified, magnets will be furnished in magnetized condition
- Holding forces are approximate. These are average values obtained under laboratory conditions. Size, shape, and material of the test piece may affect actual pull forces