

# **Neodymium Iron Boron (NdFeB) & Samarium Cobalt (SmCo) Magnetic Bars' Specifications**



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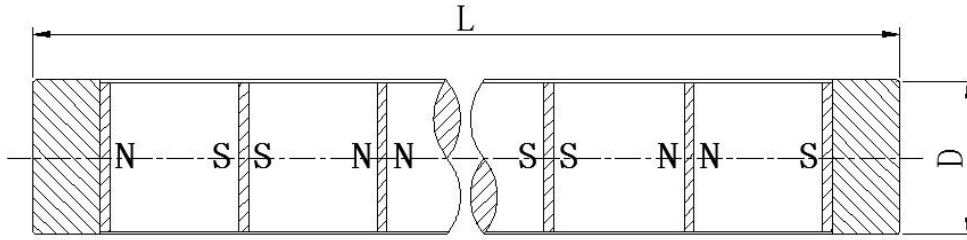
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## 1 NdFeB/SmCo Magnetic Bars' Size Range



Diameter (D)		Length (L)	
mm	inch	mm	inch
10-100	0.394-3.937	80-1000	3.150-39.370

Note:

\* Other sizes can also be tailored according to customers' specific requirements.

## 2 NdFeB/SmCo Magnetic Bars' Surface Field Strength and Working Temperature

Material	Surface Field Strength		Working Temperature
	Gs	mT	°C
Neodymium Iron Boron (NdFeB)	≤ 14000	≤ 1400	≤ 200
Samarium Cobalt (SmCo)	≤ 10000	≤ 1000	≤ 350

## 3 NdFeB/SmCo Magnetic Bars' Tube Material and Corrosion Resistance

Tube Material	Corrosion Resistance
SUS304/AISI304	Suitable for the atmosphere and fresh water
SUS316/AISI316	Suitable for various corrosive environments such as salt and oils

## 4 NdFeB/SmCo Magnetic Bars' End Types



Flat End



Female Screw Threaded End



Male Screw Threaded End



End with Rod



End with Eyebolt



End with Handle

Note:

\* Other end types can also be machined according to customers' specific requirements.

# 5 NdFeB/SmCo Magnetic Grids, Filters and Separators

