

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



ADVANCED MAGNETS
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HGT Advanced Magnets Co.,Ltd

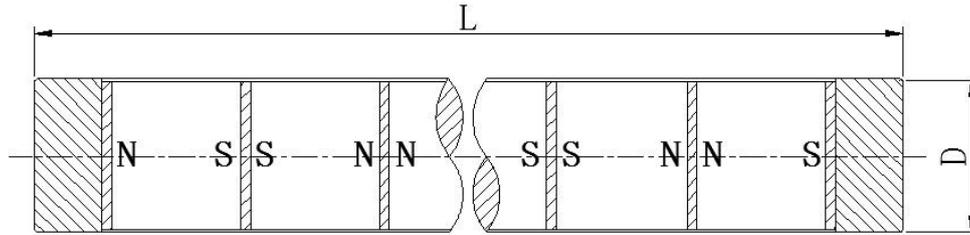
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1 NdFeB/SmCo Magnetic Bars' Size Range



| 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

