

Disc (0.5" Diameter x 0.125" Thickness), NdFeB 37



Stock **#35-105** 20+ In Stock

-

1

+

£14⁴⁰

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Volume Pricing	
Qty 1-5	£14.40 each
Qty 6-10	£13.28 each
Qty 11+	£12.88 each
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i Prices shown are exclusive of VAT/local taxes

Product Downloads

General	
Disc	Type:
Physical & Mechanical Properties	
	Diameter (inches):

0.50	
	Thickness (inches):
0.125	
Optical Properties	
	Substrate: ☐
NdFeB 42	
Material Properties	
	Gauss:
5.5 lbs. lift	
Regulatory Compliance	
	RoHS 2015:
Compliant	
	Reach 224:
Compliant	
	Certificate of Conformance:
View	

Product Details

- Neodymium Iron Boron (NdFeB) and Samarium Cobalt (SmCo)
 - High Resistivity to Demagnetization
 - Extremely Strong
 - Cost Effective
- Rare Earth Magnets are constructed of Neodymium and Samarium Cobalt, offering the highest energy magnetic fields available in permanent magnets. They are ideal for applications requiring high energy but limited space. The Neodymium Iron Boron material is relatively expensive, but its high energy output makes it extremely cost-effective. Rare Earth Magnets, for this reason, are used in many demanding assembly and industrial applications where price is a concern. The Samarium Cobalt material is more stable than the NdFeB and, therefore, more appropriate for high temperature applications (250°C - 300°C).