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## Disc (0.1875" Diameter x 0.0625" Thickness), NdFeB 37



Stock **#38-428** **20+ In Stock**

1  MRP ₹637

Price inclusive of all taxes

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Volume Pricing	
Qty 1-5	₹637 each
Qty 6-10	₹584 each
Qty 11+	₹499 each
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### Product Downloads

### General

Disc **Type:**

### Physical & Mechanical Properties

0.1875 **Diameter (inches):**

0.0625

Thickness (inches):

## Optical Properties

NdFeB 42

Substrate:

## Material Properties

1.25 lbs. lift

Gauss:

## Regulatory Compliance

Compliant

RoHS 2015:

Compliant

Reach 224:

[View](#)

Certificate of Conformance:

China

Country of Origin:

Imported By:

Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

## 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).