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## Disc (0.394" Diameter x 0.2" Thickness), NdFeB 42



Stock **#34-304** **20+ In Stock**

1  MRP ₹1,036

Price inclusive of all taxes

**ADD TO CART**

Volume Pricing	
Qty 1-5	₹1,036 each
Qty 6-10	₹945 each
Qty 11+	₹892 each
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### Product Downloads

### General

Disc **Type:**

### Physical & Mechanical Properties

0.394 **Diameter (inches):**

0.20 Thickness (inches):

## Optical Properties

NdFeB 42 Substrate:

## Material Properties

3.5 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).