

# Magnetic Rod

## At A Glance



Protection: Secondary



Material Type: NdFeb



Cleaning Type: Manual

**Our high intensity Rare Earth magnetic rods are extremely efficient at removing ferrous and para-magnetic contamination, down to sub-micron size, from free flowing products including powders and liquids.**

Rods are of particular interest to those who wish to incorporate them into their machinery with the minimal amount of engineering.

Each rod is tapped with an 1/4" thread at both ends as standard for ease of installation, or alternatively without threaded detail or with studs, which can be specified on ordering.

Many sizes are held in stock to allow for same day despatch.



## Benefits

- Easy to clean
- Enables flexible design
- Simple to use
- Removes micron sized contaminants

## Performance

Magnetic Performance	7000, 9000, 11000 and 12000 Gauss
Performance Reading	On tube surface
Magnet Grade	N35 & N45 – Inspected and confirmed via hystero-graph prior to use
Temperature	-4°F / +194°F

## Suitability

Suitable Products	All powders, granulates and liquids
Suitable Location	Any process area

## Materials

Magnetic Material	Rare Earth Neodymium Iron Boron - (NdFeb)
Tubing	316 grade stainless steel
Other Parts	316 grade stainless steel
Surface Finish	Polished to 0.6µm
Rod End Detail	Tapped 1/4" × 0.3" both ends

## Cleaning

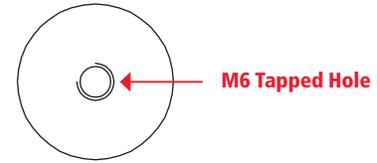
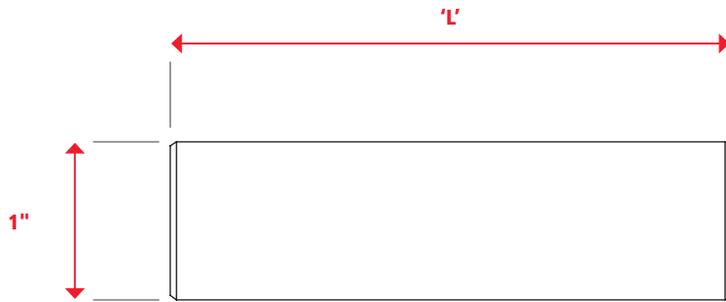
Depending on the configuration, rod magnets can be cleaned in seconds by simply pushing the attracted contamination to one end, this will release it enabling further analysis to be conducted.

## Options

- Any thread size and detail
- ATEX certified
- Higher temperature versions available
- Supplied without tapped detail or studded
- Pharmaceutical specification



# Magnetic Rod



Part Number	L (inches)	Weight (lbs)
SR100	3.9	0.77
SR150	5.9	1.2
SR200	7.9	1.5
SR250	9.8	1.9
SR300	11.8	2.3
SR350	13.8	2.7
SR400	15.7	3.1
SR450	17.7	3.4
SR500	19.7	3.8
SR550	21.7	4.3
SR600	23.6	4.6
SR650	25.6	5
SR700	27.6	5.4
SR750	29.5	5.7
SR800	31.5	6.2
SR850	33.5	6.6
SR900	35.4	7
SR950	37.4	7.3
SR1000	39.4	7.7

For non-standard sizes, please contact [sales@eclipsetoolsinc.com](mailto:sales@eclipsetoolsinc.com)

If you have any more questions, require technical assistance or would like a quotation, please contact us.

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While every effort has been made to ensure the accuracy of the information in this publication please note that specifications may change without notice.



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