

Rod Magnet

High Intensity – Rare Earth

Datasheet No. 501



High intensity rare earth Rod Magnets 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 OEMs who wish to incorporate them into their machinery with the minimal amount of re-design.

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.

Cleaning

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

Suitable Products

All powders, granulates and liquids etc.

Suitable Locations

Any process area.

Benefits

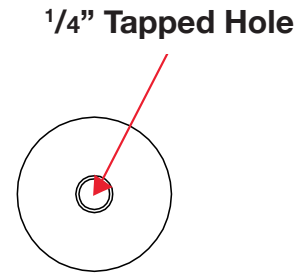
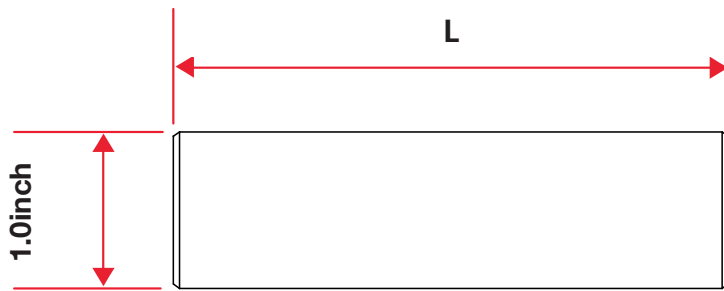
- Easy to clean
- Simple to use
- Enables flexible design
- Removes micron sized contaminants
- Meet audit requirements
- Rare earth, three magnetic strengths to choose from

Category

Secondary protection - fines.



Technical Data



Product Information

Part Number	L Inches	Weight kg	Weight lb
SR100	3.9	0.35	0.77
SR150	5.9	0.53	1.2
SR200	7.9	0.70	1.5
SR250	9.8	0.88	1.9
SR300	11.8	1.05	2.3
SR350	13.8	1.23	2.7
SR400	15.7	1.40	3.1
SR450	17.7	1.58	3.4
SR500	19.7	1.75	3.8
SR550	21.7	1.93	4.3
SR600	23.6	2.10	4.6
SR650	25.6	2.28	5
SR700	27.6	2.45	5.4
SR750	29.5	2.63	5.7
SR800	31.5	2.80	6.2
SR850	33.5	2.98	6.6
SR900	35.4	3.15	7
SR950	37.4	3.33	7.3
SR1000	39.4	3.50	7.7

Performance

Magnetic performance

7,000 Gauss – standard strength
9,000 Gauss – high strength
11,000 Gauss – super high strength

Performance reading

On tube surface

Magnetic material

Rare earth neodymium iron boron

Magnet grade

N35 and N45 – inspected and confirmed via hystero-graph prior to use
-4°F / +194°F

Temperature

Materials

Tubing

316 grade stainless steel – aerospace quality

Other parts

316 grade stainless steel

Surface finish

Polished to 0.6µm

Rod end detail

Tapped 1/4" x 0.3" both ends

Options

- High temperature samarium cobalt magnetic material +482°F
- Pharmaceutical specification
- Supplied without tapped detail or studded
- Any thread size and detail
- ATEX certified

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.

