

Rod Magnet



High Intensity – Rare Earth

Technical Data

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 M6 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

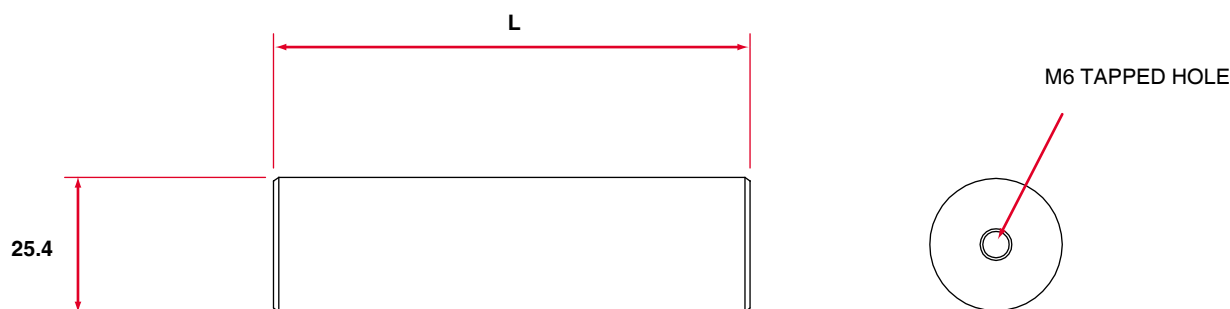
Category

Secondary.

Rod Magnet



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Sizes

Part No.	Length L	Weight (kg)
SR100	100	0.35
SR150	150	0.53
SR200	200	0.70
SR250	250	0.88
SR300	300	1.05
SR350	350	1.23
SR400	400	1.40
SR450	450	1.58
SR500	500	1.75
SR550	550	1.93
SR600	600	2.10
SR650	650	2.28
SR700	700	2.45
SR750	750	2.63
SR800	800	2.80
SR850	850	2.98
SR900	900	3.15
SR950	950	3.33
SR1000	1000	3.50

All dimensions in mm

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 hystergaph prior to use

Temperature

-20°C / +90°C

Materials

Tubing

316 grade stainless steel – aerospace quality

Other parts

316 grade stainless steel

Surface finish

Polished to 0.6µm

Rod end detail

Tapped M6 × 8mm both ends

Options

High temperature samarium cobalt magnetic material +250°C

Pharmaceutical specification

Supplied without tapped detail or studed

Any thread size and detail

ATEX certified

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