HIGH ENERGY ROD MAGNET

DATA SHEET REF. ME-001

OVERVIEW

High strength rare-earth magnet

Polished Stainless Steel build

Available in multiple lengths

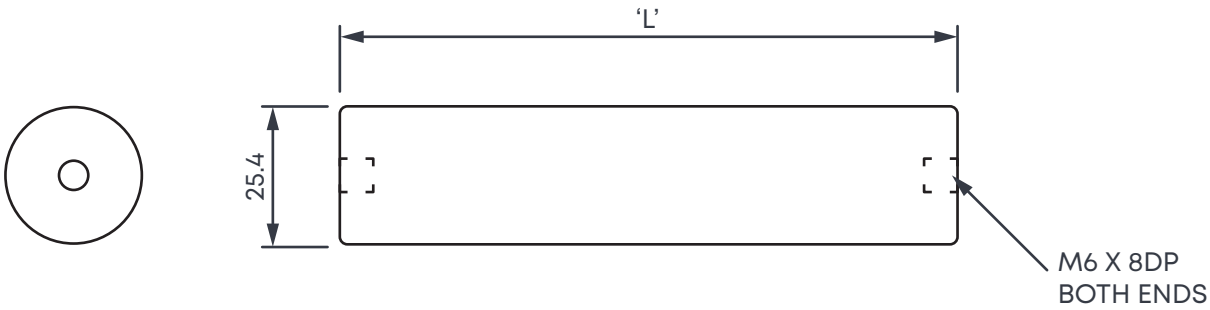


DESCRIPTION

High Energy Rare-Earth magnet assembly housed in a fully welded and polished stainless-steel tube. The extremely powerful magnets are highly efficient at removing magnetic and para-magnetic particles from both dry, free flowing powders/granules and liquids.

The high energy rods are the basis of numerous designs of magnetic separators available, the tapped holes in the rod ends make these rods ideal for mounting into existing areas where space is at a premium to offer magnetic protection to the processed product.

MAGNET PERFORMANCE	7000, 9000, and 11000 gauss available (measured on tube surface)
TEMPERATURE OPERATING RANGE	-20 / +80 °C
MATERIALS	Tube/Ends- 316 St. Steel. Polished to 0.4µm
MAGNETS	NdFeB -up to N50 grade
MOUNTING DETAILS	Supplied with M6 x 8mm tapped holes as standard
STANDARD LENGTHS AVAILABLE	100-1000mm in 50mm increments
AVAILABLE OPTIONS	Plain Ends, external studs, optional thread/stud sizes. Higher temperature versions.



Part Number	Lengths 'L'	Weight (kgs)
ME-RM-100	100	0.38
ME-RM-150	150	0.57
ME-RM-200	200	0.01
ME-RM-250	250	0.96
ME-RM-300	300	1.15
ME-RM-350	350	1.34
ME-RM-400	400	1.53
ME-RM-450	450	1.72
ME-RM-500	500	1.91
ME-RM-550	550	2.11
ME-RM-600	600	2.30
ME-RM-650	650	2.49
ME-RM-700	700	2.68
ME-RM-750	750	2.87
ME-RM-800	800	3.06
ME-RM-850	850	3.25
ME-RM-900	900	3.45
ME-RM-950	950	3.64
ME-RM-1000	1000	3.83

Non- standard lengths available on request