

<p align="center"><b>TECHNICAL SPECIFICATION FOR PERMANENT MAGNETS</b> (Part No: 57109 01503)</p>	<p align="right">Page 1 of 1</p> <p align="right">Rev.: 0</p>
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Sl. No.	Parameter	Value
1.	Material	ALNICO VIII, oriented
2.	Shape	Cylindrical
3.	Dimensions : Outer diameter Inner diameter Length	51 ± 0.2 mm 35 ± 0.2 mm 19 ± 0.1 mm
4.	Parallelism of finished end faces	± 0.05 mm
5.	Direction of Magnetism	Axial
6.	Coercivity	1400-1500 Oersted
7.	Retentivity	8 to 9.5 K Gauss
8.	BH max	5-6.5
9.	Reversible Temperature Coefficient	<0.025% per degree C
10.	Hardness	50-55 HRC (approx.)
11.	Curie point	850°C approx.
12.	Magnetic Strength at 30 mm from center line of magnet	65-75 Gauss. The magnet shall be stabilized and each piece shall be tested for this parameter with procedure approved by Purchaser
13.	Surface Finish	Smooth Ground Finish
14.	Testing	At least 5% of the magnets (5 nos. minimum), randomly selected by the Purchaser, shall be tested for magnetic strength at 8 points along the circumference.
15.	Packing	The magnets shall be packed in shock absorbing, dust and moisture free containers with separators between the magnets. The packing shall be suitable for transportation and storage at Site.

- Certificates for material, type tests and dimensions shall be submitted by the Supplier and Purchaser's approval shall be taken.