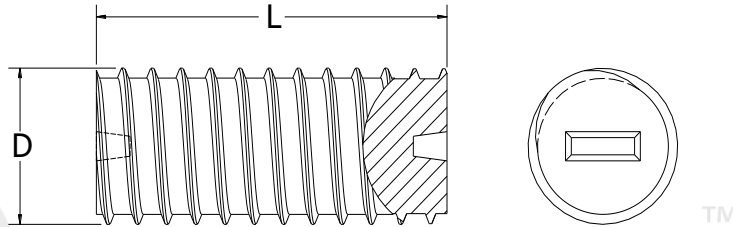




DATA SHEET

Part Number: TH27-0110
 Description: Iron Powder Threaded Core



Dimensions:		in.		mm.
Diameter:	0.155 +/- 0.001 (0.156 / 0.154)		3.94 +/- 0.03 (3.96 / 3.91)	
Length:	0.437 +/- 0.010 (0.447 / 0.427)		11.10 +/- 0.25 (11.35 / 10.85)	

Drive: Partial Slot - each end
 Thread: #8-32 - Shallow per MPIF Standard

Material Characteristics:
 Material Type: Micrometals Mix-10
 μ_r (reference) 6 (reference)
 Temperature Stability +150ppm/K typical
 Frequency Range 15 - 100 MHz

Finish: None

Note: Core surface will rust if exposed to high humidity and rain or not handled with cotton gloves. The Thermal Aging properties of Micrometals Mix -10 are unique to Micrometals alone and not our competitors. Other material properties as described in 2019 Iron Powder Product Catalog. Micrometals Iron Powder Cores comply with the EU Directives 2002/95/EC and 2003/11/EC. Any possible unintentional RoHS trace elements present are less than 100 ppm.