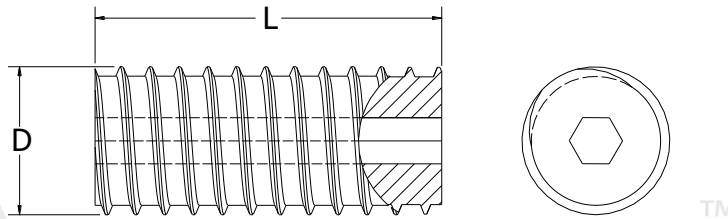




DATA SHEET

Part Number: TH412-0103  
 Description: Iron Powder Threaded Core



Dimensions:	in.	mm.
Diameter:	0.247 +/- 0.001 ( 0.248 / 0.246 )	6.27 +/- 0.03 (6.30 / 6.25)
Length:	0.750 +/- 0.010 ( 0.760 / 0.740 )	19.05 +/- 0.25 (19.30 / 18.80)

Drive: Hex  
 Thread: #1/4-28 - Shallow per MPIF Standard

Material Characteristics:  
 Material Type: Micrometals Mix-3  
 $\mu_r$ (reference) 35 (reference)  
 Temperature Stability +255ppm/K typical  
 Frequency Range 0.02 - 1 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 –3 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.