# FILTER 1/16° INDUSTRIAL PRODUCTS DIVISION

# FILTER-MAG-PLUGS

**ENHANCED MAGNETIC FILTRATION PLUGS** 

Unique design captures & removes more metal particles from your oil!
Lowers maintenance costs!
Extends equipment life!



Patent Pending



Temperature rated from -40°F to 302°F (-40°C to 150°C)

Magnetic Enhancement Rods help contain the magnetic field

Get closer to gears without magnetizing them. As close as 1" with a 1" diameter magnet in an enhanced drain plug vs. 4" on a standard smooth version. The magnetic field is also 3-5 times stronger than the standard plug, capturing more particles and holding them better.

Self-Centering Fins provide easy installation, cleaner removal, and reduced thread cleaning prior to reinstallation

The magnetic plug remains centered for easy threading. Magnets also stay centered in the threads minimizing particle contact with the casing during removal. This minimizes particles in the threads upon removal and provides easier reinstallation.

# Particle Channels hold more particles

The enhanced drain plug channels securely holds particles between the rods and out of the oil flow until the plug is removed, wiped clean, and easily reinstalled.



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#### **MAGNETIC TUBE TYPES**

Standard Thread Types:	Smooth	Centering Fins	Centering Fins With Enhancement Rods
NPT - National Pipe Taper	2"	Patent Pending	Patent Pending
NPP - National Pipe Parallel		rending	renaing
ANSI - American National			
Standards Institute			
BSPP - British Parallel	Mag. A	Mag	ERIL
BSPT - British Taper	1.625-12	1.625-12	
Powerful N42 Rare Earth	4	4	✓
Magnet Temperature Rating -40°F to 302°F (-40°C to	4	4	✓
Custom Machined from 303 Stainless Steel (316 available)	4	4	✓
Centering Fins			
- Enables Easy Threading		✓.	✓
- Minimizes Cleaning for Reinstall - Saves Time and \$		4	<b>*</b>
Enhancement Rods		<b>Y</b>	*
- 3-5 Times More Powerful Force			4
- Smaller Magnetic Field			•
Allows Componets to be Safe -			<b>✓</b>
Not Magnitized Closer to the Plug			
Thread Diameters	Tube Lengths	Tube Lengths	Tube Lengths
1/2"	2" - 3" - 4"	2" - 3" - 4"	2" - 3" - 4"
3/4"	2"-3"-4"	2"-3"-4"	2" - 3" - 4"
1"	2"-3"-4"-5"-6"	2" - 3" - 4" - 5" - 6"	2" - 3" - 4" - 5" - 6"
1-1/4"	2"-3"-4"-5"-6"	2" - 3" - 4" - 5" - 6"	2" - 3" - 4" - 5" - 6"
1-1/2" 1-3/4"	Not Available - Unusable Not Available - Unusable	2" - 3" - 4" - 5" - 6" 2" - 3" - 4" - 5" - 6"	2" - 3" - 4" - 5" - 6" 2" - 3" - 4" - 5" - 6"
2"	Not Available - Unusable	2"-3"-4"-5"-6"	2 - 3 - 4 - 5 - 6"
2-1/2"	Not Available - Unusable	2" - 3" - 4" - 5" - 6"	2" - 3" - 4" - 5" - 6"



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#### **SOCKET & BOLT HEADS**



# Male/Female Heads available to accomodate every installation

Female Socket Heads for tight clearances



Male Bolt Heads



Tank Tube Heads



# **STANDARD & CUSTOM SIZES AVAILABLE**

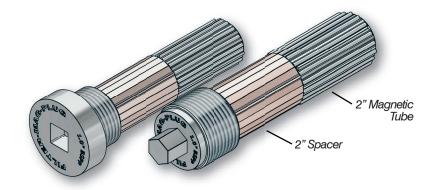
#### **Tank Tube**

With FilterMag's 4-Fin Tube Stainless Steel Tether Diameters: 0.7"- 0.95"- 1.2" - 1.7" - 2.3" - 2.9"



### **Spacer Lengths:**

1" - 1.5" - 2" - 2.5" - 3" - 4" Minimum 1" spacer



Custom solutions available