

# PORTED MAGNET SUB

## APPLICATIONS

- Fishing of ferrous metallic components
- Debris circulation

## FEATURES

- Short robust construction
- No moving parts
- Multiple flow ports
- Low maintenance design
- Shrouded magnet design

## ADDITIONAL INFORMATION

- Common sizes are shown, other sizes available on request.
- Tools are manufactured from mild steel as standard. Other materials are available on request.
- Bespoke designs available to suit job specific applications.

The WellEnTech Ported Magnet sub is used for fishing small magnetic components from a well bore. The ports permit circulation while running in and out of hole as well as enable circulation of debris away from the target fish. The magnet is surrounded by nonmagnetic retaining components which assist with deployment, only the end face is exposed directing the magnetic field where it is needed.

## TECHNICAL SPECIFICATION

OD (Inches)	Length (Inches)	Connection	Tensile Strength (lbs)	Service	Part No.
1.688	8.00	1"AMMT Box	62,400	Std.	446-1688-A001
			45,400	H2S	446-1688-A002
1.750	8.00	1"AMMT Box	62,400	Std.	446-1750-A001
			45,400	H2S	446-1750-A002
2.125	9.50	1-1/2"AMMT Box	116,500	Std.	446-2125-A001
			84,700	H2S	446-2125-A002
2.250	9.50	1-1/2"AMMT Box	116,500	Std.	446-2250-A001
			84,700	H2S	446-2250-A002
2.875	12.00	2-3/8" PAC Box	218,500	Std.	446-2875-A001
			158,900	H2S	446-2875-A002

## OPERATION

The Ported Magnet sub is fitted to the bottom of a BHA. It is made up to the tool string with the correct amount of applied torque, as per the threaded connection on the tool. The tool is then run in hole and the ports enable circulation. Once at depth, the flow rate can be increased to circulate debris away from the fish, allowing it to be collected by the magnet and retrieved to surface.

