

# LEAD IMPRESSION BLOCK

## APPLICATION

- Obtaining impressions of fish or downhole components
- Debris circulation

## FEATURES

- Short robust construction
- No moving parts
- Multiple flow ports
- Low maintenance design
- Can be redressed after use

## 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.

## OPERATION

The Lead Impression Block 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 target depth, the flow rate can be increased to circulate debris away from the fish. The tool is then run into the fish with either a single jar impact or set down weight, which leaves an indentation on the face of the LIB, which can then be looked at and interpreted when the tool is retrieved to surface.

The WellEnTech Lead Impression Block, often referred to as an LIB, is used for obtaining impression details of a fish or component within 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.

## TECHNICAL SPECIFICATION

OD (Inches)	Length (Inches)	Connection	Tensile Strength (lbs)	Service	Part No.
1.688	6.00	1"AMMT Box	62,400	Std.	412-1688-ST01
			45,400	H2S	412-1688-SH01
1.750	6.00	1"AMMT Box	62,400	Std.	412-1750-ST01
			45,400	H2S	412-1750-SH01
2.000	6.00	1-1/2"AMMT Box	116,500	Std.	412-2000-ST01
			84,700	H2S	412-2000-SH01
2.125	6.00	1-1/2"AMMT Box	116,500	Std.	412-2125-ST01
			84,700	H2S	412-2125-SH01
2.500	6.00	1-1/2"AMMT Box	116,500	Std.	412-2500-ST01
			84,700	H2S	412-2500-SH01
2.875	8.00	2-3/8" PAC Box	218,500	Std.	412-2875-ST01
			158,900	H2S	412-2875-SH01

