

LiMAR im-PRES Sub

The **LiMAR** im-PRES Sub[®] is a new industry alternative to the current lead-poured impression blocks. The unique lead insert design can be re-assembled with a fresh insert within seconds, offering major health, safety & environmental benefits along with stand-out technical advantages and cost savings.

After the impression has been captured, the slim, lightweight insert can be kept as a permanent record for future reference / diagnostics. The unique insert feature also removes the health and environmental concerns associated with lead work when a traditional LIB requires melting and re-pouring. With no on-site servicing or re-working required, there is no harmful exposure to lead filings.

TOOL APPLICATIONS:

- To provide a high definition impression within the well to determine downhole status and provide a clear picture for decision making for subsequent Wireline runs

DESIGN FEATURES & BENEFITS:

SAFE:

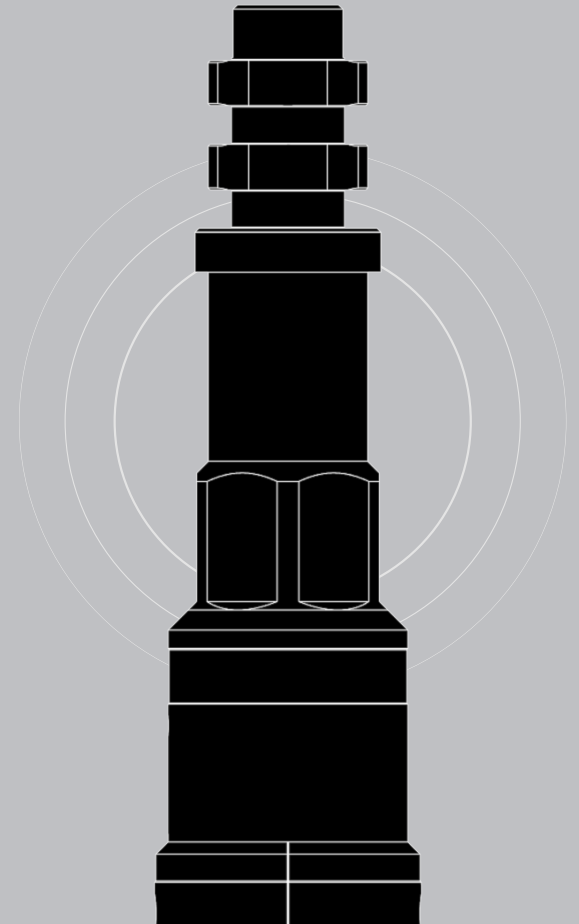
- Unique, changeable Insert means NO onsite filing and NO hazardous re-working of lead
- 50% to 75% weight reduction compared to standard LIB's for easier handling

COST EFFECTIVE:

- Cheaper shipping costs due to reduced size & weight
- Rapid turn-around in between Wireline runs, removing potential downtime
- Inventory Reduction with a common Mandrel and interchangeable Split Housing with direct cost savings

HIGH PERFORMANCE:

- High Definition impression for easy interpretation, outperforms mesh alternatives
- Best in Class, easy-to-use and quick-to-replace inserts
- Used inserts can be retained for inspection & diagnostics after use
- Protective shroud prevents insert extrusion, maintaining running OD allowing safe retrieval through restrictions
- Conversion Sub available for Internal Fish Neck configuration
- Suitable for use with LiMAR Orientation Detection Sub
- Available in a range of sizes to suit all Completion designs
- Connection options to suit customer requirements
- Selected components QPQ treated
- Hexagonal flats for safe make-up & break-out



TECHNICAL DATA

| Assembly Part No. | Nominal Toolstring Size | Mandrel Size | To Suit Sizes From | To Suit Sizes Up To | Fish Neck | Connection |
|-------------------|-------------------------|--------------|--------------------|---------------------|-----------|------------|
| 1196 | 1-1/4" | 1.200" | 1.200" | 1.500" | 1.187" | Optional |
| 1196 | 1-1/2" | 1.500" | 1.500" | 2.499" | Optional | Optional |
| 1196 | 1-7/8" | 2.250" | 2.250" | 6.000" | Optional | Optional |
| 1196 | 2-1/2" | 2.500" | 2.500" | 6.000" | Optional | Optional |

For additional sizes or further information please contact sales@limaroiltools.com