



## SU PULLING TOOL

The rapidly re-dressable **LiMAR®** SU (Shear Up) Pulling Tool is designed for the deployment, setting and retrieval of down hole items fitted with external type fish necks.

With the availability of a selection of cores, the SU Pulling Tool will engage and release against most industry standard fish necks with a jar up to release function.

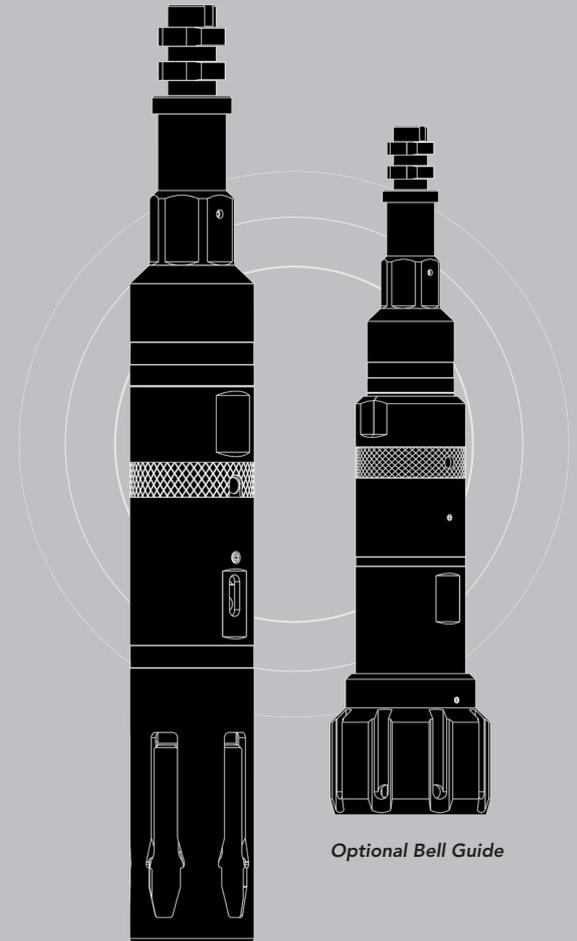
The OD of the SU Pulling Tool has been specifically designed to pass through the majority of No-Go nipple profiles whilst being able to maintain maximum strength through the assembly.

### TOOL APPLICATIONS:

- Deployment, setting and retrieval of items with external type fish necks

### DESIGN FEATURES & BENEFITS:

- Minimal components including one piece collet design
- No requirement for pawls or small, hard-to-install parts
- Simplistic, ergonomic design for rapid redress
- Positive release mechanism for clean deployment and release
- LiMAR Arm-Align feature for quick and easy shear pin alignment
- Specified cores supplied to suit all industry standard reaches
- Slim running OD without compromising strength
- Optional LiMAR Multi-Action Shear Sub available for multiple, sequential shear direction options;
  - Shear Down
  - Shear Up
  - Jar-down indefinitely, jar-up indefinitely, Shear Down
- Optional LiMAR Bell Guide Housings available
- Available in a range of sizes for various operational applications
- Connection options to suit customer requirements
- Simple, robust design ensuring ease of operation for the end user
- Selected components QPQ treated
- Hexagonal flats for safe make-up & break-out



## TECHNICAL DATA

Assembly Part No.	Actual OD	Fish Neck	Connection	To Engage Fish Neck	Make up Length	Reach B / S / J
7104-1500-RX-XXX-RX	1.625"	Optional	Optional	1.187"	17.00"	1.26" / 1.80" / 2.55"
7104-2000-RX-XXX-RX	1.765"	Optional	Optional	1.375"	17.50"	1.22" / 1.98" / 2.55"
7104-2500-RX-XXX-RX	2.180"	Optional	Optional	1.750"	17.75"	1.20" / 1.98" / 2.55"
7104-3000-RX-XXX-RX	2.720"	Optional	Optional	2.313"	19.50"	1.30" / 2.19" / 2.61"
7104-3500-RX-XXX-RX	3.115"	Optional	Optional	2.750"	19.50"	1.35" / 2.10" / 2.60"
7104-4000-RX-XXX-RX	3.600"	Optional	Optional	3.120"	19.50"	1.49" / 2.16" / 2.00"

RX - Denotes shear down with reach (RB - Long Core, Short Reach. RS - Intermediate Core, Medium Reach. RJ - Short Core, Long Reach.)  
 XXX - Last 3 digits of part number denotes connection type  
 For additional sizes or further information please contact [sales@limaroiltools.com](mailto:sales@limaroiltools.com)