



UNI-TOOL®

The **LiMAR** Uni-Tool® is designed to provide the operator with multiple tool configurations in a single assembly, for the deployment, setting or retrieval of down hole items fitted with external type fish necks.

Unlike conventional tools the Uni-Tool® can be pinned in either jar-up or jar-down to release without having to change out the tools' top sub. The multi-reach core is designed to accommodate a rope socket & sucker rod thread fish neck without changing the core.

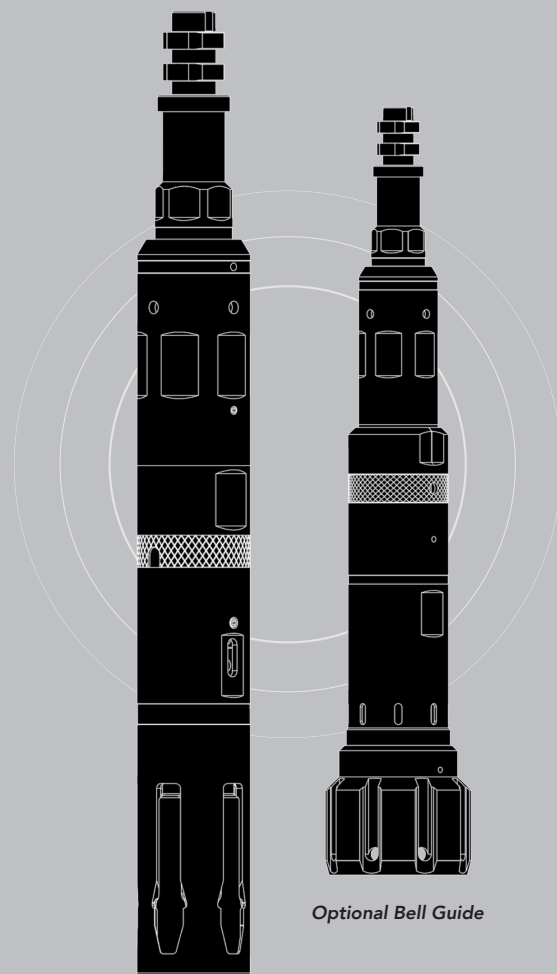
The OD of the Uni-Tool® has been designed to pass through the majority of No-Go nipple profiles whilst being able to maintain maximum strength through the assembly.

TOOL APPLICATIONS:

- Deployment, setting and retrieval of items with external type fish necks with multiple reach and integral shear direction options

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
- Jar-up and jar-down-to-release modes
- Multi-Reach core for further operational flexibility
- LiMAR 'Q' and 'H' Cores available to recover various quick lock type connections
- Slim running OD with maximum strength maintained
- Inventory reduction
- 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 - Jar Down Mode	Make up Length - Jar Up Mode
7050-1000-XXX-RX	1.250"	0.750"	Optional	0.750"	17.60"	16.18"
7050-1375-XXX-RX	1.350"	1.187"	Optional	1.000"	18.71"	17.05"
7050-1500-XXX-RX	1.625"	1.187"	Optional	1.187"	22.61"	20.50"
7050-2000-XXX-RX	1.765"	1.375"	Optional	1.375"	22.61"	20.50"
7050-2500-XXX-RX	2.180"	1.375"	Optional	1.750"	22.76"	20.75"
7050-3000-XXX-RX	2.720"	1.750"	Optional	2.312"	23.90"	22.00"
7050-3500-XXX-RX	3.115"	1.750"	Optional	2.750"	23.90"	22.00"
7050-4000-XXX-RX	3.600"	1.750"	Optional	3.120"	23.90"	22.00"

XXX - Last 3 digits of part number denotes connection type

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