



GR PULLING TOOL

The **LiMAR**[®] GR Pulling Tool is a combination of the LiMAR GS type Pulling Tool and GU Adapter.

The GR is designed for the deployment, setting and retrieval of items with internal "Otis" type fish necks.

Upward jarring will shear a pin to allow the release and recovery of the GR to surface.

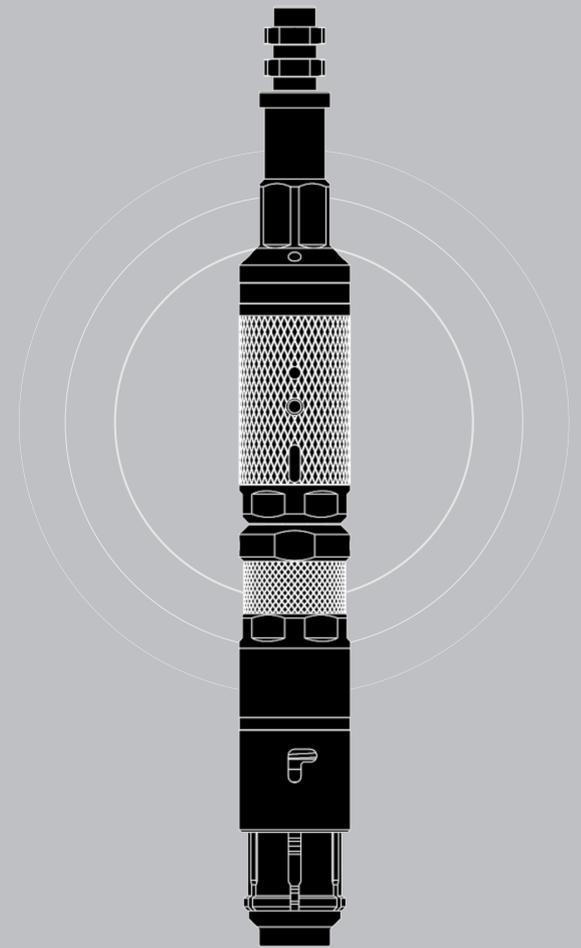
The LiMAR[®] GR type Pulling Tool incorporates several unique design features including an integral re-arming sleeve, shear pin indicator feature and a positive disengagement mechanism to easily remove the GR from tools at surface without compromising the strength of the GR skirt.

TOOL APPLICATIONS:

- Deployment, setting and retrieval of items with internal "Otis" type fish necks

DESIGN FEATURES & BENEFITS:

- Supplied in industry standard GR OD's
- Threaded core to suit industry standard running / pulling accessories
- Simplistic, ergonomic design for rapid redress
- "J" Slot feature for simple release at surface
- Integral re-arming sleeve for safe re-pinning on surface
- Shear pin hole indicator marks for simple re-pinning
- 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.	Nominal OD	Actual OD	Fish Neck	Connection	To Engage Fish Neck
7115-2000-XXX-RX	2"	1.780"	Optional	Optional	1.380"
7115-2500-XXX-RX	2-1/2"	2.220"	Optional	Optional	1.810"
7115-3000-XXX-RX	3"	2.720"	Optional	Optional	2.310"
7115-3500-XXX-RX	3-1/2"	3.100"	Optional	Optional	2.620"
7115-4000-XXX-RX	4"	3.600"	Optional	Optional	3.120"
7115-5000-XXX-RX	5"	4.500"	Optional	Optional	4.000"
7115-6000-XXX-RX	6"	5.600"	Optional	Optional	4.750"
7115-7000-XXX-RX	7"	5.820"	Optional	Optional	5.000"

XXX - Last 3 digits of part number denotes connection type
 For additional sizes or further information please contact sales@limaroiltools.com