

K>NETIC ADJUSTABLE SPRING JAR

The **LiMAR**[®] Adjustable Spring Jar is designed to provide optimum upward jarring impact force when used in conjunction with a correctly matched **LiMAR**[®] Accelerator Sub.

Prior to deployment, the release setting can be adjusted using the Button Locking feature, set and then tested using a gauged Calibration Sub. An overpull equivalent to the preset release setting will 'fire' the jar upwards in a rapid motion. The jar is then simply re-cocked by setting down toolstring weight to re-latch the body to the jar rod.

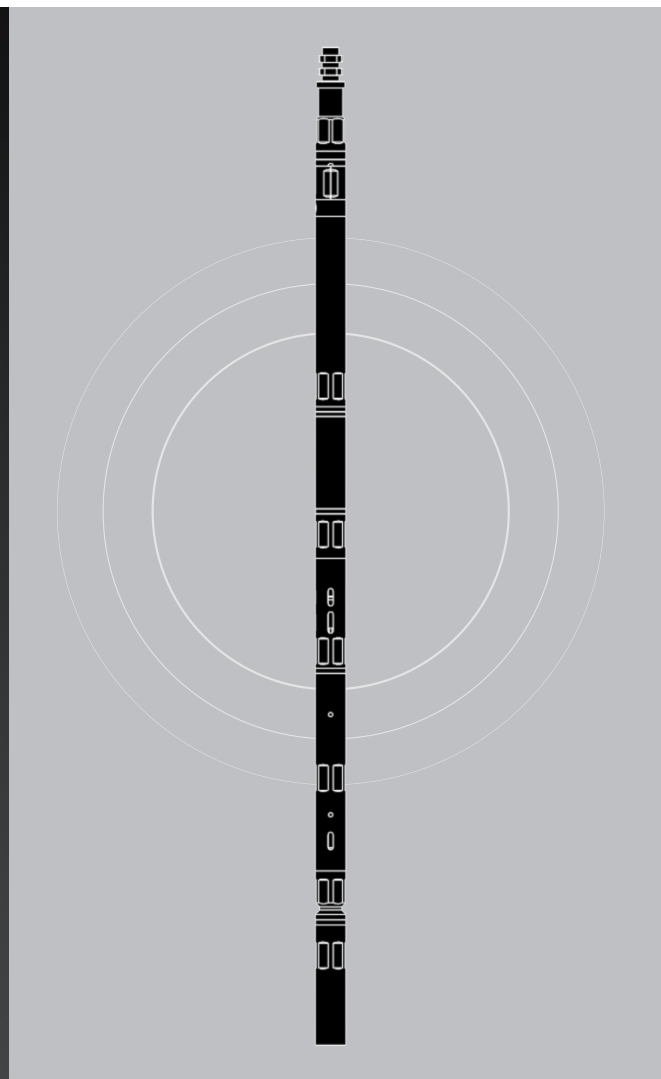
Unlike most jars available on the market the jar collet latch mechanism is positioned in the upper section of the jar housing. This makes the jar less prone to failure by the incursion of debris in and around the latch mechanism during utilisation.

TOOL APPLICATIONS:

- To provide optimum upward jarring impact for the retrieval of downhole items

DESIGN FEATURES & BENEFITS:

- Available in industry standard toolstring sizes
- Unique inverted jar design with upper latch mechanism
- High debris tolerance features, proven in dirty wells
- Positive Button Locking adjustment feature with "LOCK" & "ADJUST" markings for ease of use and identification
- Simple, ergonomic and on-toolstring adjustment feature
- Universal Calibration Sub suitable for all Jar types and sizes
- 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
- Matched Accelerator Subs available to suit LiMAR Jar range



TECHNICAL DATA

Assembly Part No.	Actual OD	Fish Neck	Connection	Working Range	Jar Stroke	Make up Length - Closed
1018-1500-XXX-RX	1.500"	1.375"	Optional	up to 1100lbs	10.50"	53.62" (LQK)
1018-1750-XXX-RX	1.750"	1.375"	Optional	up to 3000lbs	12.61"	57.48" (LQK)
1018-1875-XXX-RX	1.875"	1.750"	Optional	up to 3000lbs	12.61"	59.19" (LQK)
1018-2125-XXX-RX	2.125"	1.750"	Optional	up to 3000lbs	12.61"	58.56" (LQK)
1018-2500-XXX-RX	2.500"	2.313"	Optional	up to 7000lbs	15.00"	71.22" (LQK)
1018-2687-XXX-RX	2.687"	2.313"	LQK-HD	up to 8000lbs	15.00"	77.50" (LQK-HD)
1018-2875-XXX-RX	2.875"	2.313"	LQK-HD	up to 10,000lbs	15.00"	77.50" (LQK-HD)

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