PRODUCT SHEET

Wireline Spring Jar

FIELD PROVEN LATCH MECHANISM

INTEGRAL FIRING LOAD ADJUSTMENT

RELIABLE OPERATION

Description

The DTI Spring Jar is a wireline jar designed for dependable, controlled upward jarring when required during wireline operations.

The DTI Spring Jar HD uses a reliable 'shifting key' latch principle, which ensures dependable operation with the minimum of maintenance. The latch key ties the upper mandrel to the lower spring mandrel, which is anchored within the jar by a pre-loaded spring.

When the DTI Spring Jar is pulled against a fixed object, the upper mandrel pulls against the pre-loaded spring a fixed distance, at which point the latch keys will release. When this happens, the upper mandrel will move rapidly upwards and strike an impact at the upper body part of the jar.

The release load is dependent upon the spring load setting which can be pre-configured prior to the operation. This load is adjustable over a given range (See load Setting Specifications).

Features & Benefits

- Field proven latch mechanism.
- Reversible latch keys for long life.
- Simple redress.
- Can be adjusted on or off the tool string.
- Calibrated window ensures accurate adjustment.
- Easy re-cocking action.
- Can be configured for standard or heavy duty pull loads.
- Available with quick connect.
- Can be dressed for H2S.

Part Number	OD	Fish Neck	Thread	Stroke	Firing Loads
150SJAR-1	1.500”	1.375”	15/16-10UN	6”	450 – 950 lbs
175SJAR	1.750”	1.750”	1 1/16-10UN	6”	500 – 1300 lbs
188SJAR-1	1.875”	1.750”	1 1/16-10UN	6”	500 – 1300 lbs
212SJAR-1	2.125”	1.750”	1 1/16-10UN	6”	950 – 1400 lbs
250SJAR	2.500”	2.313”	1 9/16-10UN	6”	700 – 1700 lbs
150SJARQC2	1.500”	1.375”	1 ½” QLS	6”	450 – 950 lbs
188SJARQC2	1.875”	1.750”	1 7/8” QLS	6”	500 – 1300 lbs
250SJARQC2	2.500”	2.313”	2 ½” QLS	6”	700 – 1700 lbs

We offer optional equipment, alternative sizes, materials and thread connections.
Please contact us for more information.