

Xcalibur™ E-line Jar

Protect against time-consuming and expensive stuck tool strings and fishing jobs in cased hole electrical line operations

Impact Selector's Xcalibur™ E-line

wireline jar is a powerful yet cost-effective way to reduce risk in electric wireline cased hole operations.

With the smaller cables used for cased hole operations, there is often a very limited amount of overpull available to free stuck tools.

The Xcalibur jar acts to greatly increase the force available at the cable head by using energy stored in compressed springs and the wireline itself to create a powerful upwards impulse on the tools.

As the force acts on the bottom of the jar, the cable head is protected from the impact and remains unaffected.

The jar activation force can be easily adjusted at surface while in the string to account for different operations.

Available in a range of sizes and with all major types of monoconductor connections, Xcalibur is ideal for most logging, perforating, pipe recovery, and plug setting operations.

Features / Benefits

- ▶ Fully adjustable on the surface, while in the tool string.
- ▶ All-mechanical design is unaffected by pressure or temperature.
- ▶ Accommodates various e-line connections.
- ▶ Maintenance can be performed in the field, within a confined space by a certified technician.
- ▶ Short, compact design keeps rig ups as short as possible.
- ▶ Instant and unlimited activations with no waiting period once the pre-set activation force is reached.

Specifications

Diameter (in / mm)	.875	1.562	2.75
	22.23	39.67	69.85
Maximum Temperature (°F / °C)	400	400	400
	204	204	204
Maximum Pressure (psi / MPa)	25,000	25,000	25,000
	172.4	172.4	172.4
Length (Closed) (in / m)	49.5	75.75	59.47
	1.26	1.92	1.51
Length (Open) (in / m)	55.67	81.94	65.87
	1.41	2.08	1.67
Approximate Weight (lbs / kg)	6	30	65
	2.72	13.61	29.48
Field Adjustability (lbs)	100—1,000	300—1,400	400—1,700
Total Stroke (in / mm)	6.167	6.188	6.4
	156.6	157.2	162.6
Power Stroke (in / mm)	5	4.875	4.5
	127.0	123.8	114.3