# Xcalibur™ E-Line Jar

Protects against time-consuming and expensive stuck toolstrings and fishing jobs in cased-hole electrical line operations

## Applications

- Logging
- Perforating
- Pipe recovery
- Plug-setting operations

## Features and Benefits

- Fully adjustable on the surface, while in the toolstring.
- All-mechanical design unaffected by pressure or temperature.
- 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 downhole activations with no waiting period once the preset-activation force is reached.
- Adaptable to various e-line connections

## Tool Description

The Weatherford Xcalibur E-line wireline jar is a powerful, 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 E-line wireline jar acts to increase the force available at the cable head using stored energy 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 impact and remains unaffected.

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, the Xcalibur E-line wireline jar is ideal for most logging, perforating, pipe recovery, and plug-setting operations.

Weatherford®

# Xcalibur™ E-Line Jar

## Specifications

| | | | |
|---|---|---|---|
| Diameter | 0.875 in. (22.23 mm) | 1.562 in. (39.67 mm) | 2.75 in. (69.85 mm) |
| Maximum temperature | 400°F (204°C) | 400°F (204°C) | 400°F (204°C) |
| Maximum pressure | 25,000 psi (172.4 MPa) | 25,000 psi (172.4 MPa) | 25,000 psi (172.4 MPa) |
| Length (closed) | 49.5 in. (1.26 m) | 75.75 in. (1.92 m) | 59.47 in. (1.51 m) |
| Length (open) | 55.67 in. (1.41 m) | 81.94 in. (2.08 m) | 65.87 in. (1.67 m) |
| Approximate weight | 6 lb (2.72 kg) | 30 lb (13.61 kg) | 65 lb (29.48 kg) |
| Field adjustability | 100–1,000 lb (45.3–453.5 kg) | 300–1,400 lb (136–635 kg) | 400–1,700 lb (181.4–771.1 kg) |
| Total stroke | 6.167 in. (156.6 mm) | 6.188 in. (157.2 mm) | 6.4 in. (162.6 mm) |
| Power stroke | 5 in. (127.0 mm) | 4.875 in. (123.8 mm) | 4.5 in. (114.3 mm) |