i-Jar™

i-Jar is a hydraulic, high-impact slickline jar available in various configurations. The jar has a temperature compensating system, which makes it suitable for high-temperature conditions. The i-Jar is pressure balanced and tension compensated, and the accelerator can easily be set up to normal or heavy duty operations by changing the springs. Due to its optimized design, the i-Jar has a low-maintenance requirement.

The following configurations are available:
Shortstroke– Short overall makeup length, used where rig up heights are limited
Heavystroke– High-impact, robust and reliable jar for heavy duty applications
Xtremestroke– Heavy-duty jar and accelerators for fishing applications
Autostroke– Low-friction self cocking jar for deviated and horizontal wells
Dualstroke– Reliable double-acting jar made for use together with well tractor or equivalent self-propelling device

Features
- Temperature compensation
- Fully pressure-balanced patented load-compensated time delay
- Hydraulic module protected against gas
- Heavy-duty properties
- New low-friction, “easy latch” system
- Large ventilation port system in accelerator and jar
- Modular design, easy to redress and maintain, long service intervals

Benefits
- Ensures functionality regardless of well conditions - easy to use
- High-impact even at low pull force
- Ensure relatching in deviated wells
- Allows debris to pass without being trapped inside
- Flexible and user-friendly, with reduced service costs

Applications
- Any wireline operation requiring high-impact quality jars
- Ideal for high-temperature (HT) environment
- Ideal for gas wells

Technical Data

Shortstroke OD mm (in.)	**MUL** mm (in.)	**Min Length** mm (in.)	**Working Range** kN (lbf)	**F/N** mm (in.)	**Temperature** °C (°F)	**Connections**
47.63 (1.875)	1.575 (62.0)	1.372 (54.0)	1.3 – 17.8 (300 – 4,000)	44.45 (1.75)	200 (392)	Customer Spec.
63.50 (2.500)	1.753 (69.0)	1.524 (60.0)	1.3 – 26.7 (300 – 6,000)	58.67 (2.31)	200 (392)	Customer Spec.
Heavystroke OD mm (in.)	**MUL** mm (in.)	**Min Length** mm (in.)	**Working Range** kN (lbf)	**F/N** mm (in.)	**Temperature** °C (°F)	**Connections**
47.63 (1.875)	1.930 (76.0)	1.626 (64.0)	0.89 – 17.8 (200 – 4,000)	44.45 (1.75)	200 (392)	Customer Spec.
63.50 (2.500)	2.159 (85.0)	1.803 (71.0)	1.3 – 26.7 (300 – 6,000)	58.67 (2.31)	200 (392)	Customer Spec.
Xtremestroke OD mm (in.)	**MUL** mm (in.)	**Min Length** mm (in.)	**Working Range** kN (lbf)	**F/N** mm (in.)	**Temperature** °C (°F)	**Connections**
73.03 (2.875)	3.018 (118.8)	2.642 (104.0)	15.6 – 35.6 (3,500 – 8,000)	58.67 (2.31)	200 (392)	Customer Spec.
Autostroke OD mm (in.)	**MUL** mm (in.)	**Min Length** mm (in.)	**Working Range** kN (lbf)	**F/N** mm (in.)	**Temperature** °C (°F)	**Connections**
63.50 (2.500)	1.867 (73.5)	1.638 (64.5)	3.1 – 13.3 (700 – 3,000)	58.67 (2.31)	200 (392)	Customer Spec.
73.03 (2.875)	1.892 (74.5)	1.638 (64.5)	3.1 – 13.3 (700 – 3,000)	58.67 (2.31)	200 (392)	Customer Spec.
Dualstroke OD mm (in.)	**MUL** mm (in.)	**Min Length** mm (in.)	**Working Range** kN (lbf)	**F/N** mm (in.)	**Temperature** °C (°F)	**Connections**
73.03 (2.875)	2.794 (110.0)	2.235 (88.0)	1.6 – 8.9 (350 – 2,000)	58.67 (2.31)	150 (300)	Customer Spec.

All jars are supplied with accelerators in order to maximize the performance of each specific application.