

LOW - F R I C T I O N TUBULAR JAR

Utilizing a proven design, the ISI Low Friction Tubular Jar will continue to help Reduce the Risk in wireline operations. The ISI Low Friction Tubular Jar delivers bi-directional impacts through wireline manipulation.

The ISI Low Friction Tubular Jar utilizes a low friction coating to ensure peak performance. The low coefficient of friction ensures the tool will remain reliable in the harshest conditions.

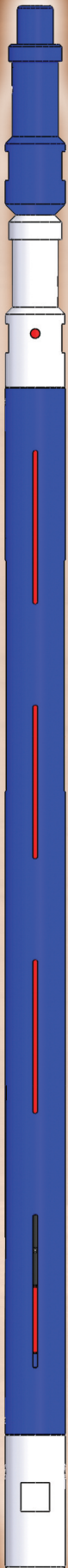
Intake and exhaust slots were designed and placed to maximize velocity for superior jarring force. Without using any seals, bearings, or races, the ISI Low Friction Tubular jar can be used in wells with extremely high temperatures and pressures. A dual fishneck design is used for added precautions.

Diameter	1-9/16" (1.562")	1-13/16" (1.812")
Length, Retracted	39-1/2"	41-1/2"
Length, Extended	59-1/2"	61-1/2"
Approximate Weight	14 lbs	20 lbs
Stroke	20"	20"



IMPACT SELECTOR, INC.

REDUCE THE RISK



ISI: WHERE ADVANCED TECHNOLOGY AND RESPONSIVE SERVICE COME TOGETHER TO REDUCE THE RISK

When you do business with ISI, we think you'll find the difference striking. Because at Impact Selector, we place as much emphasis on providing consistently superior customer service as we do on making the best-performing, most technologically advanced impact tools on the market.

Whereas some companies offer little more than drop-off renting and leasing, we offer a full slate of services to ensure that our customers derive the utmost in safety, productivity, cost-efficiency, and added value from our products. Our services include application assistance, training, and on-site demonstration and supervision.

Our quality-assurance (QA) program includes carefully inspecting, Non Destructive Testing (NDT), and refurbishing every tool as needed to make sure it's in prime condition for its next assignment. And with ISI you'll never encounter any "hidden extras" in the bottom line.

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OTHER HIGH-PERFORMANCE IMPACT TOOLS FROM ISI

Xcalibur 1-9/16"™ The first and only cased-hole mechanical wireline jar offering in-the-string-adjustability plus the dual-purpose versatility of an e-line jar and a slickline jar in one. This patented jar is ideal for logging, perforating, pipe recovery, P&A under adverse conditions. Pre-set from a low of 300 pounds to a maximum of 1,400 pounds, with a 6-3/16" stroke.

Xcalibur 2-3/4"™ Our next-generation mechanical jar redefines the standard for cased-hole convenience and versatility. It's the only impact tool that's fully adjustable on the surface, while in the tool string – a truly revolutionary advancement in safety, time-saving convenience, and ease of operation. And when it comes to performance, Xcalibur will redefine your notions of efficiency and dependability. Because with Impact Selector's proven Weight Forward™ design, jar mass works to your advantage. It keeps the tool string as short as possible by making supplementary weight bars and acceleration tools optional rather than an absolute requirement.

Blockbuster™ This patented jar has extra-high impact capability for ultra-demanding cased-hole operations, including intensive fishing, with solid or braided wirelines. Provides a 6-1/2" stroke. Pre-set from a low of 150 pounds to a maximum of 3,200 pounds for a potential 25,000+ pounds of impact force down hole.

Impactor SL™ An outstanding choice for general fishing and plug-pulling service. Featuring patented ISI technology, this jar provides a 5" short stroke or 7" standard stroke. Surface adjustable from 250 to 1,400 pounds.

Energizer Intensifier™ This device is two tools in one – acceleration tool or shock absorption device. Fully mechanical, self adjusting, unaffected by temperature and pressure, the patented ISI Energizer Intensifier stores line-tension energy to enhance the impact of our wireline jars. Designed to be effective in highly deviated or "corkscrewed" wells. Installs above the impact tool and runs independently or in tandem with the weight bar.

Open-Hole MCX™ The world's first multi-conductor, all-mechanical open-hole jarring tool. Uses patented technology to eliminate costly "stripover" downtime and reduce the need for pipe conveyance or logging while drilling. Helps overcome tool-string differential sticking and increases the string's ability to function in deviated holes. Provides a stroke length of 5-3/4". This proven tool has been endurance-tested at 30,000 psi and 500 degrees F.

Training & Operator Certification. ISI's services include application assistance, operator training, and on-site demonstration and supervision. ISI provides a Certified Technician to train your personnel on how to run, operate and maintain the MCX Wireline Jar, anywhere in the world.

United States patents No. 6,866,096; No. 7,111,678; No. 7,281,575



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