

Full Bore Jar



Description

The Full Bore Fishing and Testing Jar is a hydraulic activated straight pull-operated Jar which employs a patented combination of proven principles of hydraulics and mechanics

This Jar is unique in design and operation and is simple to assemble and easy to operate. No setting or adjustment is required before going in the hole. This tool does not interfere with the free operation of test tools, safety joints, reversing tools, etc.

The Hydraulic Jar is designed to permit the operator to easily and simply control the intensity of the jarring action. The unique impact control of the hydraulic Jar is made possible by the metering action of the piston assembly. As tension is applied to the Jar, fluid is metered from one cavity to another through this piston assembly. By being forced through a restricted passage, the fluid is retarded in such a manner that the stroke is delayed until the operator has had ample time to adjust the tension in the workstring to deliver a jarring action of desired impact.

Operating Specification

NOMINAL TOOL SIZE	OD	5.00 in.	6.25 in.
	ID	2.25 in.	2.25 in.
	Length	13.00 ft.	15.00 ft.
THREAD CONNECTIONS	Top	3 1/2 in. I.F. Box	4 1/2 in. I.F. Box
	Bottom	3 1/2 in. I.F. Pin	4 1/2 in. I.F. Pin
TEMPERATURE RATING	Standard	350° F	350° F
PRESSURE RATING	W.P.	15,000 psi	10,000 psi
MAX. HITTING FORCE	Standard	48,000 lbs.	84,000 lbs.
TENSILE STRENGTH		510,000 lbs. @ 0 psi differential	620,000 lbs. @ 0 psi differential
SERVICE		H2S, CO2, Acid	

