

HYDRAULIC JAR DUAL ACTING



TOOL APPLICATIONS

The Hydraulic Jar is a hydraulic doubling acting, impact tool that is run in conjunction with an Accelerator. The Accelerator is incorporated into the BHA to intensify each impact and to protect the upper BHA from shock-loads.

The Jar can impact multiple blows, in either up or down directions to assist in freeing stuck objects in the well bore.

These Jars and Accelerators can produce up to 8 times their trip loads under ideal conditions.

These Jars are frequently run above a milling BHA without the use of an Accelerator due to restricted lubricator lengths. Under these circumstances the expected jar impacts would fall by approximately 50%.

FEATURES AND BENEFITS

- Available in a range of sizes to suit industry standard Coiled Tubing BHA's
- Suitable for high temperature environments
- Compact design ideal for restricted height applications
- Simple, robust design ensuring ease of operation for the end user
- Hexagonal flats for safe make-up & break-out

SPECIFICATIONS

Technical Variable		Units	Size		
			1 1/16"	2 1/8"	2 7/8"
Max OD		in	1.687	2.125	2.875
Min ID		in	0.563	0.688	0.969
Connection	Top	Box	1" AMMT	1 1/2" AMMT	2 3/8" PAC DSI
	Bottom	Pin	1" AMMT	1 1/2" AMMT	2 3/8" PAC DSI
Make Up Length		in	57.15	57.69	81.08
Stroke (Up/Down/Total)		in	4/4/12	4/4/12	4/4/12
Strength	SWL	lbs	8,000	11,000	20,000
	Yield	lbs	56,000	86,000	200,000
	Torsional	ft.lbs	850	1600	5300
Make Up Torque		ft.lbs	500	900	3,250