



## TD HYDRAULIC JAR

Product No. 0710-1X1001-DA

The TD Hydraulic Jar provides a temporary resistance that allows the work string to be stretched when pulling to free stuck tools. When the resistance is released, the pipe contracts providing the energy required to deliver the impact blow. This temporary resistance is provided by a metered hydraulic section or c-spring in the tool. The resistance is released whenever the metering section bypasses or there is enough pull to overcome the c-spring, allowing the mandrel to move up rapidly providing a downhole impact. The jar is reset whenever pipe weight is applied.

The TD Hydraulic Jar is included as part of a toolstring to help remove stuck tools. The jar helps free a stuck tool by resisting a pull on the workstring. When the workstring is stretched by the pull, tension in the jar is released and an upward impart is delivered to the stuck tool.



TD Hydraulic Jar										
Tool Size	O.D.	I.D.	Makeup Length	Total Length	Stroked Length	Rated Working Pressure	Pull to Trip	Maximum Pull	Tensile Rating	End Connections
	in	in	in	in	in	psi	lb	lb	lb	
	mm	mm	m	m	m	bar	kg	kg	kg	
3-in	3.06	1.00	57.98	61.48	65.17	15,000	5,000	100,000	120,000	2-1/4" CAS
	78	25	1.47	1.56	1.66	1034.21	2,268	45,359	54,431	
3-5/8in	3.63	1.80	58.73	60.66	68.73	9,500	30,000	109,000	151,000	2-3/8" EUE
	92	46	1.49	1.54	1.75	655.00	13,608	49,442	68,492	
3-7/8in	3.90	1.25	60.02	62.02	70.02	15,000	60,000	111,000	190,000	3-1/8" 8N
	99	32	1.52	1.58	1.78	1,034	27,216	50,349	86,183	
4-5/8in	4.68	2.28	58.73	62.6	68.73	13,000	50,000	139,000	229,000	3-1/2" IF
	119	58	1.49	1.59	1.75	896.32	22,680	63,049	103,873	
5-in	5.03	2.30	62.62	67.12	72.62	15,000	75,000	124,000	227,000	3-7/8" CAS
	128	58	1.59	1.70	1.84	1034.21	34,019	56,245	102,965	