

HYDRAULIC INDEXING TOOL



TOOL APPLICATIONS

The Hydraulic Indexing Tool is designed to allow axial rotation of the BHA to kick over ledges, orientate a fishing BHA or enter a multilateral.

The tool is hydraulically actuated, each high flow rate followed by a low flow rate cycle will index the tool through predetermined increment of 30°, 60°, 90° or 120°. A high torque ratchet mechanism then fixes the orientation until the next cycle is carried out.

FEATURES AND BENEFITS

- Flow or pressure activated
- Positive lock following each index
- High torque capability
- Available in a range of sizes to suit industry standard Coiled Tubing BHA's
- Suitable for high temperature environments
- Simple, robust design ensuring ease of operation for the end user
- Hexagonal flats for safe make-up & break-out
- Connection options to suit customer requirements
- Corrosion resistant materials

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	0.394	0.500	0.790
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	33.05	54.7	54.98
Activation Pressure		psi	370	450	500
Adjustment Range		Degrees	15,30,45,90,120	30, 60, 90, 120	30, 60, 90, 120
Working Pressure		psi	10,000	10,000	10,000
Strength	SWL	lbs	54,336	92,760	153,445
	Yield	lbs	60,373	103,070	170,495
	UTS	lbs	65,017	110,990	183,610
	Torsional	ft.lbs	475	925	2,176
Make Up Torque		ft.lbs	500	900	3,520