

HYDRAULIC ANCHOR



TOOL APPLICATIONS

The Hydraulic Anchor is typically used to secure and centralise the Coiled Tubing (CT) string within the tubing during rotary cutting operations.

As the CT BHA is deployed to the desired depth, increased flow rate shifts a piston and activates the thru tubing anchor to secure the BHA within the well-bore. Applied load in either direction from the point forward is transferred through the Anchor to the tubing wall and not to the tools below.

As flow rate is reduced the anchors return to the retracted position.

FEATURES AND BENEFITS

- Robust anchor design features a perpendicular activation device
- Anchors fully retained within tool OD
- Flo-activated
- Optional emergency shear release feature
- Ball drop capability
- Optional anchors and tool sleeves to extend range
- Simple, robust design ensuring ease of operation for the end user
- Selected components QPQ treated
- Hexagonal flats for safe make-up & break out
- Connections to suit customer requirements

SPECIFICATIONS

Technical Variable		Units	Size			
			1 1/16"	2 1/8"	2 7/8"	3 1/8"
Max OD		in	1.687	2.125	2.875	3.125
Standard Range		in	2.460	3.070	4.190	4.440
Connection	Top	Pin	1" AMMT	1 1/2" AMMT	2 3/8" PAC DSI	
Make Up Length		in	19.20	23.94	31.19	36.31
Activation Pressure		psi	105	102	115	130
Working Pressure		psi	10,000	10,000	10,000	10,000
Strength	SWL	lbs	37,230	74,870	102,020	102,020
	Yield	lbs	41,360	83,190	113,360	113,360
	UTS	lbs	46,530	89,590	122,080	122,080
	Torsional	ft.lbs	468	540	1,125	1,125
Make Up Torque		ft.lbs	333	871	2,979	2,658