

# FLOW ACTIVATED TUBING END/ NIPPLE LOCATOR



## TOOL APPLICATIONS

The Flow activated Tubing End and Nipple Locator is used to correlate Coiled Tubing depth by tagging on tubing nipples or the tubing end itself.

Increased flow rate and back pressure causes a piston within the tool to travel which forces the locator arms out from the tool body. The extended arms can then tag nipples or the tubing end. Decreased pump rate allows the piston to retract and the locator arms to return to the original running diameter. The tool features an emergency shear out function which permits the arms to collapse without piston travel should any difficulties be experienced during pull out of hole.

## FEATURES AND BENEFITS

- Flo-thru mandrel for running in conjunction with flo-activated tools
- Large locator range
- Emergency shear out function
- Locates on both nipples and the tubing end
- Interchangeable flow nozzles
- Simple, robust design ensuring ease of operation for the end user
- Hexagonal flats for safe make-up & break-out

## SPECIFICATIONS

Technical Variable		Units	Size		
			2 1/8"	2 7/8"	3,625
Max OD		in	2,125	2,875	3,625
Min ID		in	0,380	0,500	0,630
Connection	Top	Box	1 1/2" AMMT	2 3/8" PAC DSI	2 3/8" PAC DSI
	Bottom	Pin	1 1/2" AMMT	2 3/8" PAC DSI	2 3/8" PAC DSI
Make Up Length		in	27,71	36,12	33,43
Activation Pressure		psi	150	195	167
Maximum Range		in	3,070	4,190	5,25
Working Pressure		psi	10,000	10,000	10,000
Strength	SWL	lbs	74,870	102,020	166,585
	Yield	lbs	83,190	113,360	185,075
	UTS	lbs	85,590	122,080	227,135
	Torsional	ft.lbs	540	1,125	2,650
Make Up Torque		ft.lbs	900	3,520	3,520

Refer to manufacturing manual for flow rates and more information.