

MECHANICAL TUBING END/ NIPPLE LOCATOR



TOOL APPLICATIONS

Mechanical Tubing End and Nipple Locator is used to mechanically locate and determine the actual depth of the tubing end in relation to the measured wireline depth. Such information provides the operator with an accurate point of correlation between the known, fixed depth of the tubing end and the comparative measured depth of the wireline unit.

After passing out through the tubing end, a sprung finger will open and be held 90° to the body by a retaining shear pin. By slowly picking up against the underside of the entry guide an overpull is registered at surface at which point the wireline depth is recorded. Subsequent upward jarring will shear the retaining pin, effectively reinstating the running OD for safe recovery to surface.

FEATURES AND BENEFITS

- Available in a range of sizes to suit most completion designs
- Connection options to suit customer requirements
- Simple, robust design ensuring ease of operation for the end user
- Hexagonal flats for safe make-up & break-out

SPECIFICATIONS

Technical Variable		Units	Actual OD					
			1 1/2"	1 3/4"	2 1/8"	2 1/2"	3 1/2"	
Max OD		in	1,500	1,750	2,125	2,500	2,500	3,500
Nominal Tubing Size		in	2,375	2,875	3,500	4,500	5,500	7,000
Connection	Top	Box	1" AMMT		1 1/2" AMMT		2 3/8" PAC	
	Bottom	Pin	1" AMMT		1 1/2" AMMT		2 3/8" PAC	
Make Up Length		in	14	15.33	14	14.39	15.86	19.36
Working Pressure		psi	5,000	5,000	5,000	5,000	5,000	5,000
Strength	SWL	lbs	54,450	54,450	72,000	72,000	165,830	165,830
	Yield	lbs	60,500	60,500	80,000	80,000	184,250	184,250
	UTS	lbs	74,250	74,250	98,180	98,180	226,130	226,130
	Torsional	ft.lbs	-	-	-	-	-	-
Make Up Torque		ft.lbs	500	500	900	900	900	2,200