

## EXTERNAL DIMPLE CONNECTOR



### TOOL APPLICATIONS

The External Dimple Connector is an outline external type connector designed for attaching the Coiled Tubing (CT) to the Bottom Hole Assembly (BHA). It is ideal for use during torque-thru applications such as milling operations.

Locking grub screws are inserted and tightened through the connector body into recessed profiles in the CT OD.

The profiles are pre-formed using the Connector Assembly Tool to dimple the tubing wall prior to installing the connector onto the coiled tubing.

The Assembly Tool also incorporates a slide hammer feature for safely removing the connector after use.

### FEATURES AND BENEFITS

- Available in a range of sizes to suit industry standard Coiled Tubing diameters and BHA's
- Dual internal seals
- Slim running OD
- Dual purpose Assembly / Disassembly tool
- 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	Coiled Tubing Size			
		1 1/2"	1 3/4"	2"	
Max OD	in	2.125	2.875	2.875	
Min ID	in	0.750	1.500	1.500	
Bottom	Pin	1" AMMT	2 3/8" PAC DSI		
Make Up Length	in	7.50	7.50	7.50	
Weight	lbs	4.89	10.25	9.52	
Working Pressure	psi	5,000	10,000	10,000	
Temperature	°C	-20 to 200			
Service		STD	H <sub>2</sub> S	H <sub>2</sub> S	
Strength	SWL	lbs	40,860	57,530	62,330
	Yield	lbs	45,400	63,920	69,260
	UTS	lbs	56,750	79,920	74,580
	Torsional	ft.lbs	510	3,500	4,000
Make Up Torque	ft.lbs	333	2,167	2,167	