

## INTERNAL DIMPLE CONNECTOR



### TOOL APPLICATIONS

The Internal Dimple Connector provides a reliable means of connecting the Bottom Hole Assembly (BHA) with the Coiled Tubing (CT).

It can be designed to have the same OD as the CT for running "slick" (slimhole) tool strings or with oversized bottom sections to confirm that the BHA has reached surface.

Prior to installation, the internal weld bead (flashing) can be removed using the internal CT Reamer (see separate data sheet).

The connector can then be dimpled on using the manual dimpling tool. The dimples allow the connector to effectively transmit both torque and tensile loads and has comparable strength to the CT.

It is equipped with dual O-rings, providing a reliable seal to the CT ID.

It can be designed and manufactured to suit any size and weight of CT and thread.

### FEATURES AND BENEFITS

- Slim running OD
- High pressure / high temperature options available
- 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"	1 3/4"	2"	
Max OD	in	1.687	1.810	2.125	2.125	
Min ID	in	0.750	0.750	1.000	1.000	
Bottom	Pin	1" AMMT	1" AMMT	1 1/2" AMMT	1 1/2" AMMT	
Make Up Length	in	3.38	4.69	4.63	4.63	
Weight	lbs	2.16	3.64	3.99	4.01	
Working Pressure	psi	5,000	10,000	5,000	5,000	
Temperature	°C	-20 to 200				
Service		H <sub>2</sub> S	H <sub>2</sub> S	H <sub>2</sub> S	H <sub>2</sub> S	
Strength	SWL	lbs	40,860	40,860	48,120	51,098
	Yield	lbs	45,400	45,400	53,470	56,755
	UTS	lbs	56,750	56,750	66,840	70,969
	Torsional	ft.lbs	371	408	358	410
Make Up Torque	ft.lbs	500	333	633	900	