

Description

The Internal Grapple Connector is an internal connector used to connect slimline bottom hole assemblies and tools to the coiled tubing. It provides an easier method of connecting BHA's to the coiled tubing with a slightly larger bore than a Roll-On Connector. The Internal Grapple Connector can also be used to connect or join two strings of coiled tubing, eliminating the need for welding. The coiled tubing ends must be dressed the same way as a Roll-On Connector. The connector is inserted into the coiled tubing, the grapple body is held, and the main mandrel is rotated to set the slips into position. The slips are then tightened against the inside of the coiled tubing.

Applications

- Used to connect two tubing strings together or slimline BHA's to a coiled tubing string.

Features & Benefits

- Slips provide positive grip on the coiled tubing.
- O-rings provide high-pressure seal.
- Compact slimline design for running BHA's.
- Easy field service.



Specifications

Coiled Tubing Sizes (in. / mm)	Tool OD (in. / mm)	Connections	Temp. Rating (°F / °C)	PSI (MPa)
1.25 (31.75)	0.312 (7.92)	Available in various threads to suit customer requirements	-40 - 275 (-40 - 135)	2000 (14)
1.5 (38.10)	0.562 (14.27)			
1.75 (44.45)	0.656 (16.66)			
2 (50.80)	1 (25.4)			
2.375 (60.32)	1.28 (32.51)			
2.625 (68.69)	2.312 (58.72)			
2.875 (73.02)				
3.5 (88.9)				