

# ROLL-ON CONNECTOR

## APPLICATION

- Standard fishing operations
- Heavy duty fishing operations
- Jetting operations
- Stabbing and spooling

## FEATURES

- One piece
- Compact design
- Dual seal
- Suitable for drop balls
- Multi-function operation
- Maximised through bore
- Tool joint or service connection

## ADDITIONAL INFORMATION

- The sizes listed above are examples of common configurations.
- Bespoke designs available to suit job specific applications.
- Tools are manufactured from mild steel as standard. Other materials are available on request.
- The tensile strength of these connectors depends on a variety of factors such as, the condition and spec of the coil it is made up to. As a general rule, the strength can be consider to be 60% of the Coiled Tubing.

The WellEnTech Roll-On Connector is a cost effective means of providing a connection at the end of a string of Coiled Tubing. The robust one piece design is furnished with standard O-rings, has a large through bore and is easy to attach and remove from the Coiled Tubing. Available for all sizes of Coiled Tubing, including taper strings, and can be supplied with any type of threaded connection, shackle hole or winch wire configuration.

## TECHNICAL SPECIFICATION

Coil Tubing Dia (Inches)	OD (Inches)	Connection	Wall thickness (Inches)	Service	Part No.
1-1/4"	1.563	1"AMMT Pin	0.095	Std	070-1563-ST03
				H <sub>2</sub> S	070-1563-SH03
			0.109	Std	070-1563-ST05
				H <sub>2</sub> S	070-1563-SH05
			0.125	Std	070-1563-ST07
				H <sub>2</sub> S	070-1563-SH07
			0.134	Std	070-1563-ST09
				H <sub>2</sub> S	070-1563-SH09
			0.156	Std	070-1563-ST11
				H <sub>2</sub> S	070-1563-SH11
			0.175	Std	070-1563-ST13
				H <sub>2</sub> S	070-1563-SH13
1-1/2"	1.688	1"AMMT Pin	0.095	Std	070-1688-ST03
				H <sub>2</sub> S	070-1688-SH03
			0.102	Std	070-1688-ST05
				H <sub>2</sub> S	070-1688-SH05
			0.109	Std	070-1688-ST07
				H <sub>2</sub> S	070-1688-SH07
			0.118	Std	070-1688-ST09
				H <sub>2</sub> S	070-1688-SH09
			0.125	Std	070-1688-ST11
				H <sub>2</sub> S	070-1688-SH11
			0.134	Std	070-1688-ST13
				H <sub>2</sub> S	070-1688-SH13
			0.145	Std	070-1688-ST15
				H <sub>2</sub> S	070-1688-SH15
			0.156	Std	070-1688-ST17
				H <sub>2</sub> S	070-1688-SH17
			0.175	Std	070-1688-ST19
				H <sub>2</sub> S	070-1688-SH19
1-3/4"	2.125	1-1/2"AMMT Pin	0.109	Std	070-2125-ST27
				H <sub>2</sub> S	070-2125-SH27
			0.118	Std	070-2125-ST29
				H <sub>2</sub> S	070-2125-SH29
			0.125	Std	070-2125-ST31
				H <sub>2</sub> S	070-2125-SH31
			0.134	Std	070-2125-ST33
				H <sub>2</sub> S	070-2125-SH33
			0.145	Std	070-2125-ST35
				H <sub>2</sub> S	070-2125-SH35
			0.156	Std	070-2125-ST37
				H <sub>2</sub> S	070-2125-SH37
			0.175	Std	070-2125-ST39
				H <sub>2</sub> S	070-2125-SH39
			0.190	Std	070-2125-ST41
				H <sub>2</sub> S	070-2125-SH41
			0.204	Std	070-2125-ST43
				H <sub>2</sub> S	070-2125-SH43

## OPERATION

The Roll-On Connector is fitted to dressed Coiled Tubing using a crimping tool\*. The Coiled Tubing is deformed into the grooves producing an extremely strong and durable connection. The grooves have been designed to reduce any stress raisers produced during the rolling process, there are also two O-rings, one primary and the other back up, giving peace of mind for high pressure applications. The connector when fitted to the Coiled Tubing should be pull and pressure tested using a Pull Test Sub\* prior to running in hole to ensure it has been fitted correctly. These connectors are not recommended for applications where they may be subjected to torque.

## TECHNICAL SPECIFICATION

Coil Tubing Dia (Inches)	OD (Inches)	Connection	Wall thickness (Inches)	Service	Part No.
2"	2.875	2-3/8" PAC Pin	0.109	Std	070-2875-ST03
				H <sub>2</sub> S	070-2875-SH03
			0.125	Std	070-2875-ST05
				H <sub>2</sub> S	070-2875-SH05
			0.134	Std	070-2875-ST07
				H <sub>2</sub> S	070-2875-SH07
			0.145	Std	070-2875-ST09
				H <sub>2</sub> S	070-2875-SH09
			0.156	Std	070-2875-ST11
				H <sub>2</sub> S	070-2875-SH11
			0.175	Std	070-2875-ST13
				H <sub>2</sub> S	070-2875-SH13
			0.190	Std	070-2875-ST15
				H <sub>2</sub> S	070-2875-SH15
0.204	Std	070-2875-ST17			
	H <sub>2</sub> S	070-2875-SH17			
0.224	Std	070-2875-ST19			
	H <sub>2</sub> S	070-2875-SH19			
2-3/8"	2.875	2-3/8" PAC Pin	0.109	Std	070-2875-ST27
				H <sub>2</sub> S	070-2875-SH27
			0.125	Std	070-2875-ST29
				H <sub>2</sub> S	070-2875-SH29
			0.134	Std	070-2875-ST31
				H <sub>2</sub> S	070-2875-SH31
			0.145	Std	070-2875-ST33
				H <sub>2</sub> S	070-2875-SH33
			0.156	Std	070-2875-ST35
				H <sub>2</sub> S	070-2875-SH35
			0.165	Std	070-2875-ST37
				H <sub>2</sub> S	070-2875-SH37
			0.175	Std	070-2875-ST39
				H <sub>2</sub> S	070-2875-SH39
			0.190	Std	070-2875-ST41
				H <sub>2</sub> S	070-2875-SH41
			0.204	Std	070-2875-ST43
				H <sub>2</sub> S	070-2875-SH43
0.214	Std	070-2875-ST45			
	H <sub>2</sub> S	070-2875-SH45			
0.224	Std	070-2875-ST47			
	H <sub>2</sub> S	070-2875-SH47			

