

DIMPLE-ON CONNECTOR

APPLICATION

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

FEATURES

- One piece
- Compact design
- Dual seal
- Torque compatible
- 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 considered to be 60% of the Coiled Tubing.

The WellEnTech Dimple-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 | 080-1563-ST03 |
| | | | | H ₂ S | 080-1563-SH03 |
| | | | 0.109 | Std | 080-1563-ST05 |
| | | | | H ₂ S | 080-1563-SH05 |
| | | | 0.125 | Std | 080-1563-ST07 |
| | | | | H ₂ S | 080-1563-SH07 |
| | | | 0.134 | Std | 080-1563-ST09 |
| | | | | H ₂ S | 080-1563-SH09 |
| | | | 0.156 | Std | 080-1563-ST11 |
| | | | | H ₂ S | 080-1563-SH11 |
| | | | 0.175 | Std | 080-1563-ST13 |
| | | | | H ₂ S | 080-1563-SH13 |
| 1-1/2" | 1.688 | 1"AMMT Pin | 0.095 | Std | 080-1688-ST03 |
| | | | | H ₂ S | 080-1688-SH03 |
| | | | 0.102 | Std | 080-1688-ST05 |
| | | | | H ₂ S | 080-1688-SH05 |
| | | | 0.109 | Std | 080-1688-ST07 |
| | | | | H ₂ S | 080-1688-SH07 |
| | | | 0.118 | Std | 080-1688-ST09 |
| | | | | H ₂ S | 080-1688-SH09 |
| | | | 0.125 | Std | 080-1688-ST11 |
| | | | | H ₂ S | 080-1688-SH11 |
| | | | 0.134 | Std | 080-1688-ST13 |
| | | | | H ₂ S | 080-1688-SH13 |
| | | | 0.145 | Std | 080-1688-ST15 |
| | | | | H ₂ S | 080-1688-SH15 |
| | | | 0.156 | Std | 080-1688-ST17 |
| | | | | H ₂ S | 080-1688-SH17 |
| | | | 0.175 | Std | 080-1688-ST19 |
| | | | | H ₂ S | 080-1688-SH19 |
| 1-3/4" | 2.125 | 1-1/2"AMMT Pin | 0.109 | Std | 080-2125-ST27 |
| | | | | H ₂ S | 080-2125-SH27 |
| | | | 0.118 | Std | 080-2125-ST29 |
| | | | | H ₂ S | 080-2125-SH29 |
| | | | 0.125 | Std | 080-2125-ST31 |
| | | | | H ₂ S | 080-2125-SH31 |
| | | | 0.134 | Std | 080-2125-ST33 |
| | | | | H ₂ S | 080-2125-SH33 |
| | | | 0.145 | Std | 080-2125-ST35 |
| | | | | H ₂ S | 080-2125-SH35 |
| | | | 0.156 | Std | 080-2125-ST37 |
| | | | | H ₂ S | 080-2125-SH37 |
| | | | 0.175 | Std | 080-2125-ST39 |
| | | | | H ₂ S | 080-2125-SH39 |
| | | | 0.190 | Std | 080-2125-ST41 |
| | | | | H ₂ S | 080-2125-SH41 |
| | | | 0.204 | Std | 080-2125-ST43 |
| | | | | H ₂ S | 080-2125-SH43 |

OPERATION

The Dimple-On Connector is fitted to dressed Coiled Tubing using a dimpling Jig*. The Coiled Tubing is deformed into the dimples producing an extremely strong and durable connection. The dimples facilitate both axial and rotational loading, 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* to ensure it has been fitted correctly prior to running in hole. These Connectors are particularly suitable for milling operations.

* Dimpling Jigs, CT Reamer Assemblies and Pressure/Pull Test Subs are available from WellEnTech

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 | 080-2875-ST03 |
| | | | | H ₂ S | 080-2875-SH03 |
| | | | 0.125 | Std | 080-2875-ST05 |
| | | | | H ₂ S | 080-2875-SH05 |
| | | | 0.134 | Std | 080-2875-ST07 |
| | | | | H ₂ S | 080-2875-SH07 |
| | | | 0.145 | Std | 080-2875-ST09 |
| | | | | H ₂ S | 080-2875-SH09 |
| | | | 0.156 | Std | 080-2875-ST11 |
| | | | | H ₂ S | 080-2875-SH11 |
| | | | 0.175 | Std | 080-2875-ST13 |
| | | | | H ₂ S | 080-2875-SH13 |
| | | | 0.190 | Std | 080-2875-ST15 |
| | | | | H ₂ S | 080-2875-SH15 |
| 0.204 | Std | 080-2875-ST17 | | | |
| | H ₂ S | 080-2875-SH17 | | | |
| 0.224 | Std | 080-2875-ST19 | | | |
| | H ₂ S | 080-2875-SH19 | | | |
| 2-3/8" | 2.875 | 2-3/8" PAC Pin | 0.109 | Std | 080-2875-ST27 |
| | | | | H ₂ S | 080-2875-SH27 |
| | | | 0.125 | Std | 080-2875-ST29 |
| | | | | H ₂ S | 080-2875-SH29 |
| | | | 0.134 | Std | 080-2875-ST31 |
| | | | | H ₂ S | 080-2875-SH31 |
| | | | 0.145 | Std | 080-2875-ST33 |
| | | | | H ₂ S | 080-2875-SH33 |
| | | | 0.156 | Std | 080-2875-ST35 |
| | | | | H ₂ S | 080-2875-SH35 |
| | | | 0.165 | Std | 080-2875-ST37 |
| | | | | H ₂ S | 080-2875-SH37 |
| | | | 0.175 | Std | 080-2875-ST39 |
| | | | | H ₂ S | 080-2875-SH39 |
| 0.190 | Std | 080-2875-ST41 | | | |
| | H ₂ S | 080-2875-SH41 | | | |
| 0.204 | Std | 080-2875-ST43 | | | |
| | H ₂ S | 080-2875-SH43 | | | |
| 0.214 | Std | 080-2875-ST45 | | | |
| | H ₂ S | 080-2875-SH45 | | | |
| 0.224 | Std | 080-2875-ST47 | | | |
| | H ₂ S | 080-2875-SH47 | | | |

