

## TS-HP™

### Connection Technology | Integral Joint Tubing

#### Features

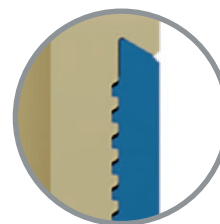
- Available in sizes 2.375 in. to 4.500 in.
- External 30° shoulder and secondary 90° shoulder provide positive torque stops and excellent torsional and bending resistance
- Metal-to-metal seal for gas-tight applications greater than the burst and collapse ratings of the pipe body
- ID bored for optimized flow values; available with optional seal-ring for internal-coated applications
- Designed to be stronger than pipe body in pressure, tension, bending and compressive loads

#### Benefits

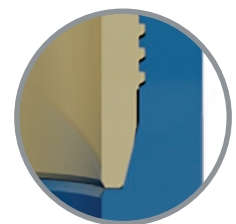
- Eight-pitch thread design allows fast, deep stabbing with no cross threading for quick, trouble-free make up
- Internal and external metal-to-metal seals help assure pressure integrity even in the most critical applications
- Optimized flow rates
- Excellent torsional and bending resistance
- Low stress design with redundant sealing elements for critical completion requirements

**Excellent for horizontal/directional wells where bending, compression and torsional forces are high, TS-HP is a versatile, integral two-step connection for standard weights of tubing.**

It is ideal for most tubing applications and multiple completions. The two-step profile permits fast, deep stabbing with no cross threading.



30° External Shoulder



Metal-to-metal seal with optional seal ring for plastic-coated applications