

| Material | Imperial | Metric |
|--|----------|-----------|
| Yield Stress (min) (psi [kPa]) | 110,000 | 758,423 |
| Yield Stress (max) (psi [kPa]) | 140,000 | 965,266 |
| Tensile Stress (min) (psi [kPa]) | 125,000 | 861,845 |
| Hardness (max) (HRC [HBW]) | N/A | N/A |
| Pipe Body Data | | |
| Outside Diameter, Nominal (in [mm]) | 5.500 | 139.70 |
| Weight, Nominal (lbm/ft [kg/m]) | 23.00 | 34.23 |
| Wall Thickness, Nominal (in [mm]) | 0.415 | 10.54 |
| Inside Diameter, Nominal (in [mm]) | 4.670 | 118.62 |
| API Drift Diameter (in [mm]) | 4.545 | 115.44 |
| Alternate Drift Diameter (in [mm]) | N/A | N/A |
| Cross Section, Nominal (sq.in. [mm ²]) | 6.630 | 4277.41 |
| Pipe Performance | | |
| Tensile Yield (lbf [N]) | 729,300 | 3,244,087 |
| Internal Yield Pressure (psi [kPa]) | 14,530 | 100,181 |
| Collapse Pressure (psi [kPa]) | 16,390 | 113,005 |
| Hydrostatic Test Pressure (psi [kPa]) | 10,000 | 68,948 |
| Connection Data | | |
| Connection OD (in [mm]) | 6.300 | 160.02 |
| Special Clearance OD (in [mm]) | 5.875 | 149.23 |
| Connection ID (in [mm]) | 4.670 | 118.62 |
| Coupling Length (min) (in [mm]) | 9.250 | 234.95 |
| Make-up Loss (in [mm]) | 4.125 | 104.78 |
| Threads per Inch (pitch [mm]) | 5.000 | 5.08 |
| Torque Capacity | | |
| Minimum MUT (lbf-ft [N.m]) | 9,200 | 12,470 |
| Optimum MUT (lbf-ft [N.m]) | 17,200 | 23,320 |
| Maximum MUT (lbf-ft [N.m]) | 25,100 | 34,030 |
| Rotating Torque (lbf-ft [N.m]) | 25,100 | 34,030 |
| Yield Torque (lbf-ft [N.m]) | 29,500 | 40,000 |

SIZE: 5.5 in. [139.7]

WEIGHT: 23 lbm/ft [34.23]

GRADE: HCP-110

CONNECTION: TTRS1

High Collapse

| Connection Performance | |
|--|------|
| Tensile Efficiency (% of pipe Body) | 100% |
| Internal Yield Pressure (% of pipe Body) | 100% |
| External yield pressure (% of pipe Body) | 100% |
| Compression Efficiency (% of pipe Body) | 100% |
| Bending rate, pipe body (°/100 ft) | 92 |



Connection performance and torque data have been proven by extensive laboratory and field tests.

Inspection Criteria: All the material is inspected to 5% Test notch inspection for OD/ID, Long/Trans and wall check per API/ASTM requirements though EMI/SEA.

1. Yield Torque - Beyond this value the connection will not drift with the standard API drift diameter.
2. Rotating Torque - Recommended maximum torque when rotating the string (calculated as 85% of the Yield Torque, Safety Factor = 1.176).
3. Tensile Yield - Maximum weight that can be pulled on the string.

Note: All the information provided is general data. This is not any kind of warranty/quality certificate. Tejas Tubular has the right to change this data at any time for product improvement. This is a non-controlled document. TTRS1 and the Tejas Tubular logo are marks of Tejas Tubular Products, Inc.

Technical Support:

8799 North Loop East, Suite 300
Houston, TX 77029

Local: 713-631-0071 • Toll Free: 1-800-469-7549
connectionsupport@tejastubular.com

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www.tejastubular.com