

Material	Imperial	Metric
Yield Stress (min) (psi [kPa])	80,000	551,581
Yield Stress (max) (psi [kPa])	95,000	655,002
Tensile Stress (min) (psi [kPa])	95,000	655,002
Hardness (max) (HRC [HBW])	23	241
Pipe Body Data		
Outside Diameter, Nominal (in [mm])	2.875	73.03
Weight, Nominal (lbm/ft [kg/m])	7.90	11.76
Wall Thickness, Nominal (in [mm])	0.276	7.01
Inside Diameter, Nominal (in [mm])	2.323	59.00
API Drift Diameter (in [mm])	2.229	56.62
Alternate Drift Diameter (in [mm])	N/A	N/A
Cross Section, Nominal (sq.in. [mm ²])	2.254	1454.19
Pipe Performance		
Tensile Yield (lbf [N])	180,000	800,680
Internal Yield Pressure (psi [kPa])	13,440	92,666
Collapse Pressure (psi [kPa])	13,890	95,768
Hydrostatic Test Pressure (psi [kPa])	10,000	68,948
Connection Data		
Connection OD (in [mm])	3.438	87.33
Connection ID (in [mm])	2.265	57.53
Make-up Loss (in [mm])	3.040	77.22
Threads per Inch (pitch [mm])	6.000	4.23
Torque Capacity		
Minimum MUT (lbf-ft [N.m])	3,000	4,070
Optimum MUT (lbf-ft [N.m])	4,300	5,830
Maximum MUT (lbf-ft [N.m])	5,500	7,460
Rotating Torque (lbf-ft [N.m])	7,300	9,900
Yield Torque (lbf-ft [N.m])	8,600	11,660

SIZE: 2.875 in. [73.03]
 WEIGHT: 7.9 lbm/ft [11.76]
 GRADE: N/L-80
 CONNECTION: TTS-6
 Two Step Connection

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 (°/100 ft)	128



Connection performance values and torques are extrapolated from extensively tested and field-proven sizes and weights.

Inspection Criteria: All the material is inspected to 10% Test notch inspection for OD/ID, Long/Trans and wall check per API/ASTM requirements though EMI/SEA.

Definitions

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 sting.

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

© 2019 Tejas Tubular Products, Inc.
www.tejastubular.com