

Material Properties	Imperial	Metric
Yield Stress, Minimum (psi [kPa])	110,000	758,423
Yield Stress, Maximum (psi [kPa])	140,000	965,266
Tensile Stress, Minimum (psi [kPa])	125,000	861,845
Hardness, Maximum (HRC [HBW])	N/A	N/A

Pipe Dimensions & Weight		
Outside Diameter, Nominal (in [mm])	2.875	73.03
Weight, Nominal (lbm/ft [kg/m])	6.50	9.67
Wall Thickness, Nominal (in [mm])	0.217	5.51
Inside Diameter, Nominal (in [mm])	2.441	62.00
API Drift Diameter (in [mm])	2.347	59.62
Upset-End Diameter, Minimum (in [mm])	3.200	81.28
Upset-End Length, Maximum (in [mm])	4.000	101.60
Cross Sectional Area, Nominal (sq.in. [sq.mm])	1.812	1169.03

Pipe Load Capacities		
Tensile Yield (lbf [N])	199,300	886,530
Internal Yield Pressure (psi [kPa])	14,530	100,181
Collapse Pressure (psi [kPa])	14,550	100,319
Torsional Yield (lbf-ft [N.m])	11,850	16,070
Hydrostatic Test Pressure (psi [kPa])	10,000	68,948
Bending rate (°/100 ft [°/30 m])	175	173

Connection Dimensions		
Connection OD (in [mm])	3.200	81.28
Special Clearance** OD (in [mm])	N/A	N/A
Connection ID (in [mm])	2.441	62.00
Coupling Length, Minimum (in [mm])	N/A	N/A
Make-up Loss (in [mm])	2.632	66.85
Threads per Inch (pitch [mm])	7.000	3.63

Connection Torque Capacities		
Low Shoulder Torque (lbf-ft [N.m])	550	750
High Shoulder Torque (lbf-ft [N.m])	2,750	3,730
Minimum Make-up Torque (lbf-ft [N.m])	3,000	4,070
Optimum Make-up Torque (lbf-ft [N.m])	3,500	4,750
Maximum Make-up Torque (lbf-ft [N.m])	4,000	5,420
Rotating Torque* (lbf-ft [N.m])	5,600	7,590
Yield Torque (lbf-ft [N.m])	5,900	8,000

* AS RESTRICTED BY WORKOVER RIG EQUIPMENT (POWER SWIVEL, TOP DRIVE OR ROTARY TABLE)

** Listed Rotating / Yield Torques and Connection Load Capacities have to be recalculated for Special Clearance OD.

Material is EMI/SEA inspected to 5% notch, over OD/ID, long/trans and wall thickness orientations, per API/ASTM requirements.

All the information provided is general data. Depicted colors and markings may differ from actual product. 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, TTRS1-HT, TTXS, TTXS-HT, TTTY, TTTY-HP, TTUS, TTUS-HT, TTUX, TTS-8, TTS-8 CI, TTS-8 CIGL, TTS-8s, TTS-6, TTIB, TTIJ, EUXT, SABERTOOTH, TTFJ, TTWS, TTS6-Black, GOBLIN, SPEARHEAD and the Tejas Tubular logo are marks of Tejas Tubular Products, Inc.

SIZE: 2.875 inch [73.03 mm]
WEIGHT: 6.5 lbm/ft [9.67 kg/m]
GRADE: P-110

Integral Joint, Flush ID, Hi-Torque, Reduced Hoop Stress Connection for Production

Connection Load Capacities	
Tensile Efficiency (% of pipe body)	100
Internal Yield Pressure (% of pipe body)	100
External Yield pressure (psi)	N/A
Leak Resistance Pressure (psi)	12,170
Compression Efficiency (% of pipe body)	85
Torque Efficiency (% of pipe body)	50
Bending rate (degrees per 100 ft)	20.00

