

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 <sup>2</sup> ])	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])	6.050	153.67
Special Clearance OD (in [mm])	N/A	N/A
Connection ID (in [mm])	4.670	118.62
Coupling Length (min) (in [mm])	8.250	209.55
Make-up Loss (in [mm])	4.125	104.78
Threads per Inch (pitch [mm])	5.000	5.08
Torques (Make-Up, Operational, Yield)		
Minimum (lbf-ft [N.m])	8,750	11,860
Optimum (lbf-ft [N.m])	9,150	12,410
Maximum (lbf-ft [N.m])	10,500	14,240
Max Operational (lbf-ft [N.m])	23,800	32,270
Yield (lbf-ft [N.m])	28,000	37,960

SIZE: 5.5 in. [139.7]  
 WEIGHT: 23 lbm/ft [34.23]  
 GRADE: HCP-110  
 CONNECTION: TTXS  
 High Collapse

Connection Performance	
Tensile Efficiency (% of pipe Body)	86%
Internal Yield Pressure (% of pipe Body)	100%
External yield pressure (% of pipe Body)	100%
Compression Efficiency (% of pipe Body)	86%
Bending rate, with sealability (°/100 ft)	20°



**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.

**Definitions**

1. Yield Torque - Connection will no longer drift with standard API drift diameter.
2. Max Operational Torque - Maximum torque that can be used while rotating casing.
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. TTXS and Tejas Tubular logo are marks of Tejas Tubular Products, Inc.

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