

TTS-6 Tubing Connection

Yield Stress (max) (psi [kPa]) Tensile Stress (min) (psi [kPa]) Hardness (max) (HRC [HBW]) Pipe Body Data	110,000 140,000 125,000 N/A	758,423 965,266 861,845 N/A
Tensile Stress (min) (psi [kPa]) Hardness (max) (HRC [HBW]) Pipe Body Data	125,000 N/A	861,845
Hardness (max) (HRC [HBW]) Pipe Body Data	N/A	
Pipe Body Data		N/A
	2.375	
	2.375	
Outside Diameter, Nominal (in [mm])		60.33
Weight, Nominal (lbm/ft [kg/m])	5.95	8.85
Wall Thickness, Nominal (in [mm])	0.254	6.45
Inside Diameter, Nominal (in [mm])	1.867	47.42
API Drift Diameter (in [mm])	1.773	45.04
Alternate Drift Diameter (in [mm])	N/A	N/A
Cross Section, Nominal (sq.in. [mm2])	1.692	1091.61
Pipe Performance		
Tensile Yield (lbf [N])	186,100	827,814
Internal Yield Pressure (psi [kPa])	20,590	141,963
Collapse Pressure (psi [kPa])	21,010	144,859
Hydrostatic Test Pressure (psi [kPa])	10,000	68,948
Connection Data		
Connection OD (in [mm])	2.906	73.81
Connection ID (in [mm])	1.805	45.85
Make-up Loss (in [mm])	3.056	77.62
Threads per Inch (pitch [mm])	6.000	4.23
Torques (Make-Up, Operational, Yield)		
Minimum (lbf-ft[N.m])	2,700	3,660
Optimum (lbf-ft [N.m])	3,100	4,200
Maximum (lbf-ft [N.m])	3,400	4,610
Yield (lbf-ft [N.m])	N/A	N/A

SIZE: 2.375 in. [60.33] WEIGHT: 5.95 lbm/ft [8.85]

GRADE: P-110 CONNECTION: TTS-6

Gas Tight

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, with sealability (º/100 ft)	20°	



Connection performance and torque values are extrapolated from tested sizes and weights.

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.

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