

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])	8.70	12.95
Wall Thickness, Nominal (in [mm])	0.308	7.82
Inside Diameter, Nominal (in [mm])	2.259	57.38
API Drift Diameter (in [mm])	2.165	55.00
Upset-End Diameter, Minimum (in [mm])	N/A	N/A
Upset-End Length, Maximum (in [mm])	N/A	N/A
Cross Sectional Area, Nominal (sq.in. [sq.mm])	2.484	1602.58
Pipe Load Capacities		
Tensile Yield (lbf [N])	273,200	1,215,254
Internal Yield Pressure (psi [kPa])	20,620	142,170
Collapse Pressure (psi [kPa])	21,040	145,066
Torsional Yield, 87.5% Wall (lbf-ft [N.m])	13,920	18,870
Hydrostatic Test Pressure (psi [kPa])	10,000	68,948
Bending rate (°/100 ft [°/30 m])	175	173
Connection Dimensions		
Connection OD (in [mm])	3.500	88.90
Special Clearance** OD (in [mm])	3.365	85.47
Connection ID (in [mm])	2.200	55.88
Tool-Joint Length (in [mm])	9.000	228.60
Make-up Loss (in [mm])	3.040	77.22
Threads per Inch (pitch [mm])	6.000	4.23
Connection Torque Capacities		
Low Shoulder Torque (lbf-ft [N.m])	650	880
High Shoulder Torque (lbf-ft [N.m])	3,250	4,410
Minimum Make-up Torque (lbf-ft [N.m])	3,500	4,750
Optimum Make-up Torque (lbf-ft [N.m])	4,000	5,420
Maximum Make-up Torque (lbf-ft [N.m])	4,400	5,970
Rotating Torque* (lbf-ft [N.m])	11,100	15,050
Yield Torque (lbf-ft [N.m])	13,900	18,850

* 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. Unless otherwise stated, all torque calculations assume a Friction Factor = 1.0 (this corresponds to a Friction Coefficient of 0.08)

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SIZE: 2.875 inch [73.03 mm]

WEIGHT: 8.7 lbm/ft [12.95 kg/m]

GRADE: P-110

Furnishing 126k YS TJs, Interchangeable with PH6, BTS6, RTS6, NTS6, WTS6, etc. Can be equipped with hardband(s) on the box or both ends

Connection Load Capacities

Connection Yield Stress, Minimum (psi)	126,000
Tensile Efficiency (% of pipe body)	124
Internal Yield Pressure (% of pipe body)	100
External Yield pressure (psi)	33,270
Leak Resistance Pressure (psi)	radial m2m seal
Compression Efficiency (% of pipe body)	124
Torque Efficiency (% of pipe body)	100
Bending Strength Ratio (BSR)	1.74

