

Material Properties	Imperial	Metric
Yield Stress, Minimum (psi [kPa])	80,000	551,581
Yield Stress, Maximum (psi [kPa])	95,000	655,002
Tensile Stress, Minimum (psi [kPa])	95,000	655,002
Hardness, Maximum (HRC [HBW])	23	241
Pipe Dimensions & Weight		
Outside Diameter, Nominal (in [mm])	2.375	60.33
Weight, Nominal (lbm/ft [kg/m])	4.70	6.99
Wall Thickness, Nominal (in [mm])	0.190	4.83
Inside Diameter, Nominal (in [mm])	1.995	50.67
API Drift Diameter (in [mm])	1.901	48.29
Upset-End Diameter, Minimum (in [mm])	2.700	68.58
Upset-End Length, Maximum (in [mm])	3.500	88.90
Cross Sectional Area, Nominal (sq.in. [sq.mm])	1.304	841.29
Pipe Load Capacities		
Tensile Yield (lbf [N])	104,300	463,949
Internal Yield Pressure (psi [kPa])	11,200	77,221
Collapse Pressure (psi [kPa])	11,780	81,220
Torsional Yield (lbf-ft [N.m])	5,080	6,890
Hydrostatic Test Pressure (psi [kPa])	10,000	68,948
Bending rate (°/100 ft [°/30 m])	154	152
Connection Dimensions		
Connection OD (in [mm])	2.700	68.58
Special Clearance** OD (in [mm])	N/A	N/A
Connection ID (in [mm])	1.995	50.67
Coupling Length, Minimum (in [mm])	N/A	N/A
Make-up Loss (in [mm])	2.132	54.15
Threads per Inch (pitch [mm])	7.000	3.63
Connection Torque Capacities		
Low Shoulder Torque (lbf-ft [N.m])	260	350
High Shoulder Torque (lbf-ft [N.m])	1,300	1,760
Minimum Make-up Torque (lbf-ft [N.m])	1,500	2,030
Optimum Make-up Torque (lbf-ft [N.m])	2,000	2,710
Maximum Make-up Torque (lbf-ft [N.m])	2,500	3,390
Rotating Torque* (lbf-ft [N.m])	2,900	3,930
Yield Torque (lbf-ft [N.m])	3,000	4,070

* 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 10% notch, over OD/ID, long/trans and wall thickness orientations, per API/ASTM requirements.

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SIZE: 2.375 inch [60.33 mm]

WEIGHT: 4.7 lbm/ft [6.99 kg/m]

GRADE: L-80 1Cr

Light Sour/Sweet Service Applications, 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)	16,700
Compression Efficiency (% of pipe body)	85
Torque Efficiency (% of pipe body)	59
Bending rate (degrees per 100 ft)	20.00

