

SIZE: 2.875 inch [73.03 mm]

WEIGHT: 7.9 lbm/ft [11.76 kg/m]

GRADE: L-80

Interchangeable with PH6, BTS6, RTS6, NTS6, WTS6, etc. Can be equipped with 3/4 inch wide hardband on the box or both ends

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])	2.875	73.03
Weight, Nominal (lbm/ft [kg/m])	7.90	11.76
Wall Thickness, Nominal (in [mm])	0.276	7.01
Inside Diameter, Nominal (in [mm])	2.323	59.00
API Drift Diameter (in [mm])	2.229	56.62
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])	2.254	1454.19
Pipe Load Capacities		
Tensile Yield (lbf [N])	180,300	802,014
Internal Yield Pressure (psi [kPa])	13,440	92,666
Collapse Pressure (psi [kPa])	13,890	95,768
Torsional Yield (lbf-ft [N.m])	10,300	13,960
Hydrostatic Test Pressure (psi [kPa])	10,000	68,948
Bending rate (°/100 ft [°/30 m])	128	126
Connection Dimensions		
Coupling OD (in [mm])	3.438	87.33
Special Clearance** OD (in [mm])	3.312	84.12
Connection ID (in [mm])	2.265	57.53
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])	7,300	9,900
Yield Torque (lbf-ft [N.m])	9,100	12,340

\* 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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Connection Load Capacities	
Tensile Efficiency (% of pipe body)	123
Internal Yield Pressure (% of pipe body)	100
External Yield pressure (psi)	22,640
Leak Resistance Pressure (psi)	radial m2m seal
Compression Efficiency (% of pipe body)	123
Torque Efficiency (% of pipe body)	88
Bending Strength Ratio (BSR)	1.71

