

6⁵/₈ in 32 lb/ft L80 13Cr (API 5CT)

Box end finish: Cu-Plating Lubrication: API-Modified

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	6.625 in
Nominal ID	5.675 in
Min. Yield Strength	80 ksi
Nominal Wall Thickness	0.475 in
Minimum Wall Thickness	87.5 %
Drift	5.550 in

CONNECTION PROPERTIES

Coupling OD (nominal)	7.433 in
Coupling ID (nominal)	5.642 in
Make-up Loss	4.921 in
Coupling Length	10.866 in
Tension Efficiency	100 % of pipe
Compression Efficiency	100 % of pipe
Internal Pressure Efficiency	100 % of pipe
External Pressure Efficiency	100 % of pipe

CONNECTION PERFORMANCE

Tensile Yield Load	734 klb
Compression Yield Load	734 klb
Internal Yield Pressure	10 040 psi
External Pressure Resistance	10 320 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	471 klb

TORQUE VALUES

Minimum Make-up torque	14 340 ft·lb
Optimum Make-up torque	15 930 ft·lb
Maximum Make-up torque	17 520 ft·lb
Minimum Shoulder Torque	800 ft·lb
Maximum Shoulder Torque	11 150 ft·lb
Maximum Operational Torque	19 120 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV



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PCTDS-SENTINEL_One-6.625-32-L80 13Cr

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