

6⁵/₈ in 28 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	5.791 in
Min. Yield Strength	80 ksi
Nominal Wall Thickness	0.417 in
Minimum Wall Thickness	87.5 %
Drift	5.666 in

CONNECTION PROPERTIES

Coupling OD (nominal)	7.299 in
Coupling ID (nominal)	5.720 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	651 klb
Compression Yield Load	651 klb
Internal Yield Pressure	8 810 psi
External Pressure Resistance	8 170 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	348 klb

TORQUE VALUES

Minimum Make-up torque	13 010 ft·lb
Optimum Make-up torque	14 460 ft·lb
Maximum Make-up torque	15 900 ft·lb
Minimum Shoulder Torque	720 ft·lb
Maximum Shoulder Torque	10 120 ft·lb
Maximum Operational Torque	17 350 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV



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PCTDS-SENTINEL_One-6.625-28-L80 13Cr

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