

7 in 32 lb/ft Q125 (API 5CT)

Box end finish: Mang. Phosph. Lubrication: API-Modified

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	7.000 in
Nominal ID	6.094 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.453 in
Minimum Wall Thickness	87.5 %
Drift	6.000 in

CONNECTION PROPERTIES

Coupling OD (nominal)	7.744 in
Coupling ID (nominal)	6.054 in
Make-up Loss	4.761 in
Coupling Length	11.535 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	1165 klb
Compression Yield Load	1165 klb
Internal Yield Pressure	14 560 psi
External Pressure Resistance	11 710 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	758 klb

TORQUE VALUES

Minimum Make-up torque	20 840 ft·lb
Optimum Make-up torque	23 160 ft·lb
Maximum Make-up torque	25 480 ft·lb
Minimum Shoulder Torque	1 160 ft·lb
Maximum Shoulder Torque	16 210 ft·lb
Maximum Operational Torque	27 790 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV



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PCTDS-SENTINEL_One-7-32-Q125

Date of issue (dd/mm/yyyy): 30/04/2026

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