

7 in 32 lb/ft S13Cr-95 (UNS S41425)

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

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	7.000 in
Nominal ID	6.094 in
Min. Yield Strength	95 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	885 klb
Compression Yield Load	885 klb
Internal Yield Pressure	10 760 psi
External Pressure Resistance	9 740 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	576 klb

TORQUE VALUES

Minimum Make-up torque	16 930 ft·lb
Optimum Make-up torque	18 810 ft·lb
Maximum Make-up torque	20 690 ft·lb
Minimum Shoulder Torque	940 ft·lb
Maximum Shoulder Torque	13 170 ft·lb
Maximum Operational Torque	22 570 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV



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PCTDS-SENTINEL_One-7-32-S13Cr-95

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