

5 in 15 lb/ft S13Cr-95 (UNS S41425)

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

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	5.000 in
Nominal ID	4.408 in
Min. Yield Strength	95 ksi
Nominal Wall Thickness	0.296 in
Minimum Wall Thickness	87.5 %
Drift	4.283 in

CONNECTION PROPERTIES

Coupling OD (nominal)	5.470 in
Coupling ID (nominal)	4.348 in
Make-up Loss	4.191 in
Coupling Length	10.394 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	416 klb
Compression Yield Load	416 klb
Internal Yield Pressure	9 840 psi
External Pressure Resistance	8 110 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	191 klb

TORQUE VALUES

Minimum Make-up torque	5 440 ft·lb
Optimum Make-up torque	6 050 ft·lb
Maximum Make-up torque	6 650 ft·lb
Minimum Shoulder Torque	300 ft·lb
Maximum Shoulder Torque	4 230 ft·lb
Maximum Operational Torque	7 260 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV



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PCTDS-SENTINEL_One-5-15-S13Cr-95

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