

5½ in 23 lb/ft S13Cr-95 (UNS S41425)

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

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	5.500 in
Nominal ID	4.670 in
Min. Yield Strength	95 ksi
Nominal Wall Thickness	0.415 in
Minimum Wall Thickness	87.5 %
Drift	4.545 in

CONNECTION PROPERTIES

Coupling OD (nominal)	6.156 in
Coupling ID (nominal)	4.607 in
Make-up Loss	4.413 in
Coupling Length	10.748 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	630 klb
Compression Yield Load	630 klb
Internal Yield Pressure	12 540 psi
External Pressure Resistance	12 930 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	361 klb

TORQUE VALUES

Minimum Make-up torque	11 090 ft·lb
Optimum Make-up torque	12 320 ft·lb
Maximum Make-up torque	13 550 ft·lb
Minimum Shoulder Torque	620 ft·lb
Maximum Shoulder Torque	8 620 ft·lb
Maximum Operational Torque	14 780 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV



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PCTDS-SENTINEL_One-5.5-23-S13Cr-95

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