

**7<sup>5</sup>/<sub>8</sub> in 42.8 lb/ft S13Cr-95 (UNS S41425)**

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

**Clearance: Standard Bevel: 45°**

**PIPE BODY CHARACTERISTICS**

Nominal OD	7.625 in
Nominal ID	6.501 in
Min. Yield Strength	95 ksi
Nominal Wall Thickness	0.562 in
Minimum Wall Thickness	87.5 %
Drift	6.375 in

**CONNECTION PROPERTIES**

Coupling OD (nominal)	8.518 in
Coupling ID (nominal)	6.483 in
Make-up Loss	5.220 in
Coupling Length	11.732 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	1184 klb
Compression Yield Load	1184 klb
Internal Yield Pressure	12 250 psi
External Pressure Resistance	12 410 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	800 klb

**TORQUE VALUES**

Minimum Make-up torque	22 620 ft·lb
Optimum Make-up torque	25 140 ft·lb
Maximum Make-up torque	27 650 ft·lb
Minimum Shoulder Torque	1 250 ft·lb
Maximum Shoulder Torque	17 600 ft·lb
Maximum Operational Torque	30 160 ft·lb

**Connection qualified as per ISO 13679:2002 - CAL IV**



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PCTDS-SENTINEL\_One-7.625-42.8-S13Cr-95

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**TUBACEX**  
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