

## 5 in 23.3 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	4.044 in
Min. Yield Strength	95 ksi
Nominal Wall Thickness	0.478 in
Minimum Wall Thickness	87.5 %
Drift	3.919 in

### CONNECTION PROPERTIES

Coupling OD (nominal)	5.750 in
Coupling ID (nominal)	3.986 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	645 klb
Compression Yield Load	645 klb
Internal Yield Pressure	15 890 psi
External Pressure Resistance	16 430 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	423 klb

### TORQUE VALUES

Minimum Make-up torque	12 010 ft·lb
Optimum Make-up torque	13 350 ft·lb
Maximum Make-up torque	14 680 ft·lb
Minimum Shoulder Torque	670 ft·lb
Maximum Shoulder Torque	9 340 ft·lb
Maximum Operational Torque	16 020 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV



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