

## Technical Datasheet

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

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)	7.732 in
Coupling ID (nominal)	6.055 in
Make-up Loss	4.954 in
Coupling Length	11.339 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 Sealability	45 °/100 ft
Max. Structural Bending	62 °/100 ft
Max. Load on Coupling Face	573 klb

#### TORQUE VALUES

Minimum Make-up torque	19 460 ft-lb
Optimum Make-up torque	21 630 ft-lb
Maximum Make-up torque	23 790 ft-lb
Minimum Shoulder Torque	1 080 ft-lb
Maximum Shoulder Torque	15 140 ft-lb
Maximum Operational Torque	27 400 ft-lb

Box end finish: Cu-Plating Pin end finish: As machined Lubrication: API-Modified



Connection qualified as per API RP 5C5 4th edition (2017) - CAL IV

**TUBACEX**  
GROUP