

## Technical Datasheet

### 4½ in 12.6 lb/ft S13Cr-95 (UNS S41425)

Clearance: Standard Bevel: 45°

#### PIPE BODY CHARACTERISTICS

Nominal OD	4.500 in
Nominal ID	3.958 in
Min. Yield Strength	95 ksi
Nominal Wall Thickness	0.271 in
Minimum Wall Thickness	87.5 %
Drift	3.833 in

#### CONNECTION PROPERTIES

Coupling OD (nominal)	4.937 in
Coupling ID (nominal)	3.898 in
Make-up Loss	3.521 in
Coupling Length	7.913 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	342 klb
Compression Yield Load	342 klb
Internal Yield Pressure	10 010 psi
External Pressure Resistance	8 410 psi
Max. Bending with Sealability	66 °/100 ft
Max. Structural Bending	97 °/100 ft
Max. Load on Coupling Face	187 klb

#### TORQUE VALUES

Minimum Make-up torque	6 040 ft-lb
Optimum Make-up torque	6 710 ft-lb
Maximum Make-up torque	7 380 ft-lb
Minimum Shoulder Torque	340 ft-lb
Maximum Shoulder Torque	4 700 ft-lb
Maximum Operational Torque	7 380 ft-lb

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

