

## Technical Datasheet

### 5½ in 17 lb/ft S13Cr-95 (UNS S41425)

Clearance: Standard Bevel: 45°

#### PIPE BODY CHARACTERISTICS

Nominal OD	5.500 in
Nominal ID	4.892 in
Min. Yield Strength	95 ksi
Nominal Wall Thickness	0.304 in
Minimum Wall Thickness	87.5 %
Drift	4.767 in

#### CONNECTION PROPERTIES

Coupling OD (nominal)	6.006 in
Coupling ID (nominal)	4.825 in
Make-up Loss	4.535 in
Coupling Length	10.472 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	471 klb
Compression Yield Load	471 klb
Internal Yield Pressure	9 190 psi
External Pressure Resistance	6 940 psi
Max. Bending with Sealability	58 °/100 ft
Max. Structural Bending	79 °/100 ft
Max. Load on Coupling Face	252 klb

#### TORQUE VALUES

Minimum Make-up torque	7 480 ft-lb
Optimum Make-up torque	8 310 ft-lb
Maximum Make-up torque	9 150 ft-lb
Minimum Shoulder Torque	410 ft-lb
Maximum Shoulder Torque	5 820 ft-lb
Maximum Operational Torque	10 060 ft-lb

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

