

## 4½ in 13.5 lb/ft S13Cr-95 (UNS S41425)

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

Clearance: Standard Bevel: 45°

### PIPE BODY CHARACTERISTICS

Nominal OD	4.500 in
Nominal ID	3.920 in
Min. Yield Strength	95 ksi
Nominal Wall Thickness	0.290 in
Minimum Wall Thickness	87.5 %
Drift	3.795 in

### CONNECTION PROPERTIES

Coupling OD (nominal)	4.969 in
Coupling ID (nominal)	3.877 in
Make-up Loss	3.342 in
Coupling Length	7.441 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	365 klb
Compression Yield Load	365 klb
Internal Yield Pressure	10 710 psi
External Pressure Resistance	9 660 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	202 klb

### TORQUE VALUES

Minimum Make-up torque	4 850 ft·lb
Optimum Make-up torque	5 380 ft·lb
Maximum Make-up torque	5 920 ft·lb
Minimum Shoulder Torque	270 ft·lb
Maximum Shoulder Torque	3 770 ft·lb
Maximum Operational Torque	6 460 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV

