

4½ in 18.9 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	3.640 in
Min. Yield Strength	95 ksi
Nominal Wall Thickness	0.430 in
Minimum Wall Thickness	87.5 %
Drift	3.515 in

CONNECTION PROPERTIES

Coupling OD (nominal)	5.185 in
Coupling ID (nominal)	3.739 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	522 klb
Compression Yield Load	522 klb
Internal Yield Pressure	15 890 psi
External Pressure Resistance	16 420 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	364 klb

TORQUE VALUES

Minimum Make-up torque	8 560 ft·lb
Optimum Make-up torque	9 510 ft·lb
Maximum Make-up torque	10 470 ft·lb
Minimum Shoulder Torque	480 ft·lb
Maximum Shoulder Torque	6 660 ft·lb
Maximum Operational Torque	11 420 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV

