

Technical Datasheet

7 in 26 lb/ft S13Cr-95 (UNS S41425)

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	7.000 in
Nominal ID	6.276 in
Min. Yield Strength	95 ksi
Nominal Wall Thickness	0.362 in
Minimum Wall Thickness	87.5 %
Drift	6.151 in

CONNECTION PROPERTIES

Coupling OD (nominal)	7.583 in
Coupling ID (nominal)	6.211 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	717 klb
Compression Yield Load	717 klb
Internal Yield Pressure	8 600 psi
External Pressure Resistance	5 890 psi
Max. Bending with Sealability	45 °/100 ft
Max. Structural Bending	62 °/100 ft
Max. Load on Coupling Face	403 klb

TORQUE VALUES

Minimum Make-up torque	15 340 ft-lb
Optimum Make-up torque	17 050 ft-lb
Maximum Make-up torque	18 760 ft-lb
Minimum Shoulder Torque	860 ft-lb
Maximum Shoulder Torque	11 930 ft-lb
Maximum Operational Torque	21 600 ft-lb

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

