

Technical Datasheet

7 in 29 lb/ft S13Cr-95 (UNS S41425)

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	7.000 in
Nominal ID	6.184 in
Min. Yield Strength	95 ksi
Nominal Wall Thickness	0.408 in
Minimum Wall Thickness	87.5 %
Drift	6.059 in

CONNECTION PROPERTIES

Coupling OD (nominal)	7.661 in
Coupling ID (nominal)	6.120 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	802 klb
Compression Yield Load	802 klb
Internal Yield Pressure	9 690 psi
External Pressure Resistance	7 840 psi
Max. Bending with Sealability	45 °/100 ft
Max. Structural Bending	62 °/100 ft
Max. Load on Coupling Face	492 klb

TORQUE VALUES

Minimum Make-up torque	18 700 ft-lb
Optimum Make-up torque	20 780 ft-lb
Maximum Make-up torque	22 860 ft-lb
Minimum Shoulder Torque	1 040 ft-lb
Maximum Shoulder Torque	14 540 ft-lb
Maximum Operational Torque	26 320 ft-lb

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

