

5 in 24.1lb/ft S13Cr-95 (UNS S41425)

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

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	5.000 in
Nominal ID	4.000 in
Min. Yield Strength	95 ksi
Nominal Wall Thickness	0.500 in
Minimum Wall Thickness	87.5 %
Drift	3.875 in

CONNECTION PROPERTIES

Coupling OD (nominal)	5.781 in
Coupling ID (nominal)	3.943 in
Make-up Loss	4.191 in
Coupling Length	10.394 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	672 klb
Compression Yield Load	672 klb
Internal Yield Pressure	16 630 psi
External Pressure Resistance	17 100 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	450 klb

TORQUE VALUES

Minimum Make-up torque	13 010 ft·lb
Optimum Make-up torque	14 460 ft·lb
Maximum Make-up torque	15 900 ft·lb
Minimum Shoulder Torque	720 ft·lb
Maximum Shoulder Torque	10 120 ft·lb
Maximum Operational Torque	17 350 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV

