

Technical Datasheet

5½ in 20 lb/ft Q125 (API 5CT)

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	5.500 in
Nominal ID	4.778 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.361 in
Minimum Wall Thickness	87.5 %
Drift	4.653 in

CONNECTION PROPERTIES

Coupling OD (nominal)	6.098 in
Coupling ID (nominal)	4.711 in
Make-up Loss	4.535 in
Coupling Length	10.472 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	729 klb
Compression Yield Load	729 klb
Internal Yield Pressure	14 770 psi
External Pressure Resistance	12 080 psi
Max. Bending with Sealability	58 °/100 ft
Max. Structural Bending	104 °/100 ft
Max. Load on Coupling Face	440 klb

TORQUE VALUES

Minimum Make-up torque	10 100 ft-lb
Optimum Make-up torque	11 230 ft-lb
Maximum Make-up torque	12 350 ft-lb
Minimum Shoulder Torque	560 ft-lb
Maximum Shoulder Torque	7 860 ft-lb
Maximum Operational Torque	13 580 ft-lb

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

