

4½ in 12.6 lb/ft Q125 (API 5CT)

Box end finish: Mang. Phosph. Lubrication: API-Modified
Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	4.500 in
Nominal ID	3.958 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.271 in
Minimum Wall Thickness	87.5 %
Drift	3.833 in

CONNECTION PROPERTIES

Coupling OD (nominal)	4.937 in
Coupling ID (nominal)	3.917 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	450 klb
Compression Yield Load	450 klb
Internal Yield Pressure	13 550 psi
External Pressure Resistance	9 890 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	235 klb

TORQUE VALUES

Minimum Make-up torque	4 980 ft·lb
Optimum Make-up torque	5 530 ft·lb
Maximum Make-up torque	6 080 ft·lb
Minimum Shoulder Torque	280 ft·lb
Maximum Shoulder Torque	3 870 ft·lb
Maximum Operational Torque	6 640 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV

