

7⁵/₈ in 45.3 lb/ft TX22-125 (S31803)

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

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	7.625 in
Nominal ID	6.435 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.595 in
Minimum Wall Thickness	90 %
Drift	6.310 in

CONNECTION PROPERTIES

Coupling OD (nominal)	8.569 in
Coupling ID (nominal)	6.424 in
Make-up Loss	5.220 in
Coupling Length	11.732 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	1 642 klb
Compression Yield Load	1 314 klb
Internal Yield Pressure	17 560 psi
External Pressure Resistance	17 100 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	910 klb

TORQUE VALUES

Minimum Make-up torque	33 210 ft-lb
Optimum Make-up torque	36 900 ft-lb
Maximum Make-up torque	40 600 ft-lb
Minimum Shoulder Torque	1 840 ft-lb
Maximum Shoulder Torque	1 840 ft-lb
Maximum Operational Torque	36 900 ft-lb

Connection qualified as per ISO 13679:2002 - CAL IV

