Technical Datasheet
5½ in 23 lb/ft TX22-125 (UNS S31803, 125 ksi)

Clearance: Standard Bevel: 45º



PIPE BODY CHARACTERISTICS

Nominal OD	5.500	in
Nominal ID	4.670	in
Min. Yield Strength	125	ksi
Min. Compression Yield Strength (80% asymmetry ratio)	100	ksi
Nominal Wall Thickness	0.415	in
Minimum Wall Thickness	90	%
Drift	4.545	in

CONNECTION PROPERTIES

Coupling OD (nominal)	6.181	in
Coupling ID (nominal)	4.603	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	829	klb
Compression Yield Load	663	klb
Internal Yield Pressure	16 980	psi
External Pressure Resistance	16 060	psi
Max. Bending with Sealability	58	º/100 ft
Max. Structural Bending	94	º/100 ft
Max. Load on Coupling Face	430	klb

TORQUE VALUES

Minimum Make-up torque	10 780	ft·lb
Optimum Make-up torque	11 980	ft·lb
Maximum Make-up torque	13 170	ft·lb
Minimum Shoulder Torque	600	ft·lb
Maximum Shoulder Torque	8 390	ft·lb
Maximum Operational Torque	14 490	ft·lb

Box end finish: Cu-Plating Pin end finish: SS Bead Blasting Lubrication: API-Modified

Connection qualified as per API RP 5C5 4th edition (2017) - CAL IV

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