

## Technical Datasheet

**3½ in 9.2 lb/ft TXG50-110 (UNS N06950, 110 ksi)**

**Clearance: Standard Bevel: 20°**

### PIPE BODY CHARACTERISTICS

Nominal OD	3.500 in
Nominal ID	2.992 in
Min. Yield Strength	110 ksi
Min. Compression Yield Strength (80% asymmetry ratio)	88 ksi
Nominal Wall Thickness	0.254 in
Minimum Wall Thickness	90 %
Drift	2.867 in

### CONNECTION PROPERTIES

Coupling OD (nominal)	3.929 in
Coupling ID (nominal)	2.922 in
Make-up Loss	3.325 in
Coupling Length	7.362 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	285 klb
Compression Yield Load	228 klb
Internal Yield Pressure	14 370 psi
External Pressure Resistance	13 530 psi
Max. Bending with Sealability	42 °/100 ft
Max. Structural Bending	130 °/100 ft
Max. Load on Coupling Face	51 klb

### TORQUE VALUES

Minimum Make-up torque	3 420 ft-lb
Optimum Make-up torque	3 810 ft-lb
Maximum Make-up torque	4 190 ft-lb
Minimum Shoulder Torque	190 ft-lb
Maximum Shoulder Torque	2 660 ft-lb
Maximum Operational Torque	4 190 ft-lb

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

