

## Technical Datasheet

### 2<sup>7</sup>/<sub>8</sub> in 6.4 lb/ft TX25NP-80 (UNS S32750, 80 ksi)

Clearance: Standard Bevel: 45°

#### PIPE BODY CHARACTERISTICS

Nominal OD	2.875 in
Nominal ID	2.441 in
Min. Yield Strength	80 ksi
Min. Compression Yield Strength (80% asymmetry ratio)	64 ksi
Nominal Wall Thickness	0.217 in
Minimum Wall Thickness	87.5 %
Drift	2.347 in

#### CONNECTION PROPERTIES

Coupling OD (nominal)	3.232 in
Coupling ID (nominal)	2.402 in
Make-up Loss	2.716 in
Coupling Length	6.063 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	145 klb
Compression Yield Load	145 klb
Internal Yield Pressure	10 570 psi
External Pressure Resistance	11 170 psi
Max. Bending with Sealability	30 °/100 ft
Max. Structural Bending	128 °/100 ft
Max. Load on Coupling Face	75 klb

#### TORQUE VALUES

Minimum Make-up torque	1 950 ft-lb
Optimum Make-up torque	2 160 ft-lb
Maximum Make-up torque	2 380 ft-lb
Minimum Shoulder Torque	110 ft-lb
Maximum Shoulder Torque	1 510 ft-lb
Maximum Operational Torque	2 380 ft-lb

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

