

4½ in 12.6 lb/ft TX28-110 (N08028)

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

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

| | |
|------------------------|----------|
| Nominal OD | 4.500 in |
| Nominal ID | 3.958 in |
| Min. Yield Strength | 110 ksi |
| Nominal Wall Thickness | 0.271 in |
| Minimum Wall Thickness | 90 % |
| Drift | 3.833 in |

CONNECTION PROPERTIES

| | |
|------------------------------|---------------|
| Coupling OD (nominal) | 4.937 in |
| Coupling ID (nominal) | 3.913 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 | 396 klb |
| Compression Yield Load | 317 klb |
| Internal Yield Pressure | 11 920 psi |
| External Pressure Resistance | 9 210 psi |
| Max. Bending with API Sealability | 20 °/100 ft |
| Max. Load on Coupling Face | 166 klb |

TORQUE VALUES

| | |
|----------------------------|-------------|
| Minimum Make-up torque | 4 650 ft-lb |
| Optimum Make-up torque | 5 160 ft-lb |
| Maximum Make-up torque | 5 680 ft-lb |
| Minimum Shoulder Torque | 260 ft-lb |
| Maximum Shoulder Torque | 260 ft-lb |
| Maximum Operational Torque | 6 200 ft-lb |

Connection qualified as per ISO 13679:2002 - CAL IV

