

### 7 in 32 lb/ft TXG3-110 (N06985)

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

Clearance: Standard Bevel: 45°

#### PIPE BODY CHARACTERISTICS

|                        |          |
|------------------------|----------|
| Nominal OD             | 7.000 in |
| Nominal ID             | 6.094 in |
| Min. Yield Strength    | 110 ksi  |
| Nominal Wall Thickness | 0.453 in |
| Minimum Wall Thickness | 90 %     |
| Drift                  | 6.000 in |

#### CONNECTION PROPERTIES

|                              |               |
|------------------------------|---------------|
| Coupling OD (nominal)        | 7.732 in      |
| Coupling ID (nominal)        | 6.055 in      |
| Make-up Loss                 | 4.954 in      |
| Coupling Length              | 11.339 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                | 1 025 klb   |
| Compression Yield Load            | 820 klb     |
| Internal Yield Pressure           | 12 810 psi  |
| External Pressure Resistance      | 10 780 psi  |
| Max. Bending with API Sealability | 20 °/100 ft |
| Max. Load on Coupling Face        | 531 klb     |

#### TORQUE VALUES

|                            |              |
|----------------------------|--------------|
| Minimum Make-up torque     | 21 760 ft-lb |
| Optimum Make-up torque     | 24 170 ft-lb |
| Maximum Make-up torque     | 26 590 ft-lb |
| Minimum Shoulder Torque    | 1 210 ft-lb  |
| Maximum Shoulder Torque    | 16 920 ft-lb |
| Maximum Operational Torque | 27 080 ft-lb |

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



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**TUBACEX**  
GROUP