

## Technical Datasheet

**13<sup>3</sup>/<sub>8</sub> in 68 lb/ft Q125 (API 5CT)**

Clearance: Standard Bevel: 45°

### PIPE BODY CHARACTERISTICS

|                        |           |
|------------------------|-----------|
| Nominal OD             | 13.375 in |
| Nominal ID             | 12.415 in |
| Min. Yield Strength    | 125 ksi   |
| Nominal Wall Thickness | 0.480 in  |
| Minimum Wall Thickness | 87.5 %    |
| Drift                  | 12.259 in |

### CONNECTION PROPERTIES

|                              |               |
|------------------------------|---------------|
| Coupling OD (nominal)        | 14.267 in     |
| Coupling ID (nominal)        | 12.370 in     |
| Make-up Loss                 | 5.796 in      |
| Coupling Length              | 13.071 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            | 2 430 klb   |
| Compression Yield Load        | 2 430 klb   |
| Internal Yield Pressure       | 8 070 psi   |
| External Pressure Resistance  | 2 330 psi   |
| Max. Bending with Sealability | 20 °/100 ft |
| Max. Structural Bending       | 43 °/100 ft |
| Max. Load on Coupling Face    | 1 674 klb   |

### TORQUE VALUES

|                            |              |
|----------------------------|--------------|
| Minimum Make-up torque     | 41 820 ft-lb |
| Optimum Make-up torque     | 46 470 ft-lb |
| Maximum Make-up torque     | 51 110 ft-lb |
| Minimum Shoulder Torque    | 2 320 ft-lb  |
| Maximum Shoulder Torque    | 32 530 ft-lb |
| Maximum Operational Torque | 53 440 ft-lb |

**Box end finish: Cu-Plating Pin end finish: As machined Lubrication: API-Modified**



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

**TUBACEX**  
GROUP