

Technical Datasheet

9⁵/₈ in 43.5 lb/ft S13Cr-95 (UNS S41425)

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

| | |
|------------------------|----------|
| Nominal OD | 9.625 in |
| Nominal ID | 8.755 in |
| Min. Yield Strength | 95 ksi |
| Nominal Wall Thickness | 0.435 in |
| Minimum Wall Thickness | 87.5 % |
| Drift | 8.599 in |

CONNECTION PROPERTIES

| | |
|------------------------------|---------------|
| Coupling OD (nominal) | 10.441 in |
| Coupling ID (nominal) | 8.706 in |
| Make-up Loss | 5.487 in |
| Coupling Length | 12.795 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 | 1 193 klb |
| Compression Yield Load | 1 193 klb |
| Internal Yield Pressure | 7 510 psi |
| External Pressure Resistance | 4 130 psi |
| Max. Bending with Sealability | 30 °/100 ft |
| Max. Structural Bending | 45 °/100 ft |
| Max. Load on Coupling Face | 805 klb |

TORQUE VALUES

| | |
|----------------------------|--------------|
| Minimum Make-up torque | 20 450 ft-lb |
| Optimum Make-up torque | 22 720 ft-lb |
| Maximum Make-up torque | 25 000 ft-lb |
| Minimum Shoulder Torque | 1 140 ft-lb |
| Maximum Shoulder Torque | 15 910 ft-lb |
| Maximum Operational Torque | 28 750 ft-lb |

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

