

6⁵/₈ in 20 lb/ft S13Cr-95 (UNS S41425)

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

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

| | |
|------------------------|----------|
| Nominal OD | 6.625 in |
| Nominal ID | 6.049 in |
| Min. Yield Strength | 95 ksi |
| Nominal Wall Thickness | 0.288 in |
| Minimum Wall Thickness | 87.5 % |
| Drift | 5.924 in |

CONNECTION PROPERTIES

| | |
|------------------------------|---------------|
| Coupling OD (nominal) | 7.283 in |
| Coupling ID (nominal) | 5.976 in |
| Make-up Loss | 4.921 in |
| Coupling Length | 10.866 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 | 545 klb |
| Compression Yield Load | 545 klb |
| Internal Yield Pressure | 7 230 psi |
| External Pressure Resistance | 3 790 psi |
| Max. Bending with API Sealability | 20 °/100 ft |
| Max. Load on Coupling Face | 397 klb |

TORQUE VALUES

| | |
|----------------------------|--------------|
| Minimum Make-up torque | 9 260 ft·lb |
| Optimum Make-up torque | 10 290 ft·lb |
| Maximum Make-up torque | 11 320 ft·lb |
| Minimum Shoulder Torque | 520 ft·lb |
| Maximum Shoulder Torque | 7 210 ft·lb |
| Maximum Operational Torque | 12 350 ft·lb |

Connection qualified as per ISO 13679:2002 - CAL IV



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PCTDS-SENTINEL_One-6.625-20-S13Cr-95

Date of issue (dd/mm/yyyy): 30/04/2026

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