

6⁵/₈ in 32 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	5.675 in
Min. Yield Strength	95 ksi
Nominal Wall Thickness	0.475 in
Minimum Wall Thickness	87.5 %
Drift	5.550 in

CONNECTION PROPERTIES

Coupling OD (nominal)	7.433 in
Coupling ID (nominal)	5.642 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	872 klb
Compression Yield Load	872 klb
Internal Yield Pressure	11 920 psi
External Pressure Resistance	11 820 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	560 klb

TORQUE VALUES

Minimum Make-up torque	16 260 ft·lb
Optimum Make-up torque	18 070 ft·lb
Maximum Make-up torque	19 880 ft·lb
Minimum Shoulder Torque	910 ft·lb
Maximum Shoulder Torque	12 650 ft·lb
Maximum Operational Torque	21 680 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV



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PCTDS-SENTINEL_One-6.625-32-S13Cr-95

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