

# Tubing Data & Performance Sheet

# 1" 2.25# P-110 1" CS Hydril Type

## TUBE BODY DATA

Tube OD	1.315 in.
Wall Thickness	0.179 in.
Tube ID	0.957 in.
Tensile Yield Strength	54,400 lbs. (80% RBW Inspection Class)
Torsional Yield Strength	1,300 ft-lbs. (80% RBW Inspection Class)
Tube Burst	24,000 psi. (80% RBW Inspection Class)
Tube Collapse	22,400 psi. (80% RBW Inspection Class)

## TUBULAR ASSEMBLY

Approximate Length	30 ft.
Nominal Weight	2.25 lbs./ft.
Material Grade	110,000 psi.
Drift Diameter	0.848 in.
Displacement	0.0332 gal./ft.   0.0008 bbls./ft.
Capacity	0.0374 gal./ft.   0.0009 bbls./ft.
Compression Yield Strength	56,240 lbs.
Max Bending	306.4 degrees/100 ft.

## CONNECTION DATA

Connection	CS Hydril Type
Connection OD	1.600 in.
Connection ID	0.864 in.
Threads per inch	8
Make-Up Loss	2.220 in.

## MAKE-UP TORQUE

Make-Up Torque - Minimum	400 ft-lbs.
Make-Up Torque - Optimum	450 ft-lbs.
Make-Up Torque Maximum	500 ft-lbs.

## CONNECTION PERFORMANCE

Connection Torsional Strength	Not Reported
Connection Tensile Strength	70,300 lbs.
External Pressure Capacity	25,900 psi.
Internal Pressure Capacity	26,200 psi.

## FEATURES

Hardbanding	None
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### Notes:

- Referenced tube size, wall and assembly length are nominal, unless indicated otherwise. Values shown may vary with actual values due to OEM tolerances, rounding and other factors. Tubing is manufactured to API 5CT 87-1/2% RBW and inspected to minimum Premium Class (80% RBW).
- Maximum make-up torque is that value above which there is no additional benefit, or reason to exceed. It is not meant to indicate the maximum torque the connection can withstand.

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