

4.000" OD DRILL PIPE, 14.00 PPF, 5.000" OD X 2.563" ID, S-135T, TT390

## DRILL PIPE BODY

Nominal Weight (lbs/ft)	14.00	
Grade	S-135T	
Type of Upset	IU	
	New	Premium
Nominal OD (in)	4.000	3.868
Nominal ID (in)	3.340	3.340
Pipe Wall Thickness (in)	0.330	0.264
Cross Sectional Area of Pipe Body (in <sup>2</sup> )	3.805	2.989
Cross Sectional Area OD (in <sup>2</sup> )	12.566	11.751
Cross Sectional Area ID (in <sup>2</sup> )	8.762	8.762
Section Modulus (in <sup>3</sup> )	3.229	2.523
Polar Section Modulus (in <sup>3</sup> )	6.458	5.046
Torsional Strength (lbs/ft)	41,900	32,800
Tensile Strength (lbs)	513,600	403,500
Burst Pressure (psi)	19,491	17,820
Collapse Pressure (psi)	20,141	13,836

## DRILL PIPE CONNECTION

OD (in)	5.000
ID (in)	2.563
Pin Tong Length (in)	10.00
Box Tong Length (in)	15.00
Connection	TT390
Torsional Strength (lbs/ft)	47,200
Tensile Yield Strength (lbs)	753,700
Minimum Make-up Torque (lbs/ft)	23,600
Maximum Make-up Torque (lbs/ft)	33,000
Tool Joint/Pipe Body Torsional Ratio (New)	1.13

## DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.20
Closed End Displacement (gal/ft)	0.65
Fluid Capacity (gal/ft)	0.46
Drift Size (in)	2.438
Adjusted Weight (lbs/ft)	16.62
Internal Plastic Coating	TK34XT
Hardbanding	TCS TITANIUM

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