

5-7/8" OD, HWDP, WELDED, STANDARD, 7.000" OD x 4.000" ID, XT57

## HEAVY WEIGHT DRILL PIPE BODY

Nominal OD (in)	5-7/8
Nominal ID (in)	4.000
Pipe Grade	HW-105
Heavy Weight Type	STANDARD
HWConstruction	WELDED
Pipe Wall Thickness (in)	0.938
Cross Sectional Area of Pipe Body (in <sup>2</sup> )	14.542
Cross Sectional Area OD (in <sup>2</sup> )	27.109
Cross Sectional Area ID (in <sup>2</sup> )	12.566
Section Modulus (in <sup>3</sup> )	15.630
Polar Section Modulus (in <sup>3</sup> )	31.260
Torsional Strength (lbs/ft)	157,800
Tensile Strength (lbs)	1,526,900
Burst Pressure (psi)	29,322
Collapse Pressure (psi)	28,163

## HEAVY WEIGHT DRILL PIPE CONNECTION

Tool Joint Grade	HW-105
OD (in)	7.000
ID (in)	4.000
Pin Tong Length (in)	24.00
Box Tong Length (in)	24.00
Connection	XT57
Torsional Strength (lbs/ft)	106,200
Tensile Yield Strength (lbs)	1,394,900
Minimum Make-up Torque (lbs/ft)	49,300
Maximum Make-up Torque (lbs/ft)	59,200
Tool Joint/Drill Pipe Torsional Ratio (New)	0.67
Balanced OD	7.077

## HEAVY WEIGHT DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.76
Closed End Displacement (gal/ft)	1.41
Fluid Capacity (gal/ft)	0.65
Drift Size (in)	3.750
Adjusted Weight (lbs/ft)	55.14
Hardbanding	TCS TITANIUM

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