

6-5/8" OD, HWDP, INTEGRAL, STANDARD, 8.250" OD x 4.500" ID, 6-5/8" FH

## HEAVY WEIGHT DRILL PIPE BODY

Nominal OD (in)	6-5/8
Nominal ID (in)	4.500
Pipe Grade	AISI 4145
Heavy Weight Type	STANDARD
HWConstruction	INTEGRAL
Pipe Wall Thickness (in)	1.063
Cross Sectional Area of Pipe Body (in <sup>2</sup> )	18.567
Cross Sectional Area OD (in <sup>2</sup> )	34.472
Cross Sectional Area ID (in <sup>2</sup> )	15.904
Section Modulus (in <sup>3</sup> )	22.470
Polar Section Modulus (in <sup>3</sup> )	44.940
Torsional Strength (lbs/ft)	259,306
Tensile Strength (lbs)	2,228,076
Burst Pressure (psi)	38,700
Collapse Pressure (psi)	32,318

## HEAVY WEIGHT DRILL PIPE CONNECTION

OD (in)	8.250
ID (in)	4.500
Pin Tong Length (in)	30.00
Box Tong Length (in)	30.00
Connection	6-5/8" FH
Torsional Strength (lbs/ft)	84,931
Tensile Yield Strength (lbs)	1,628,190
Minimum Make-up Torque (lbs/ft)	42,500
Recommended Make-up Torque (lbs/ft)	51,000
Maximum Make-up Torque (lbs/ft)	59,500
Tool Joint/Drill Pipe Torsional Ratio (New)	0.33
Balanced OD	7.954

## HEAVY WEIGHT DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	1.18
Closed End Displacement (gal/ft)	2.01
Fluid Capacity (gal/ft)	0.83
Drift Size (in)	4.313
Adjusted Weight (lbs/ft)	76.11

All information contained herein is provided for reference/illustration purpose only. Data compiled are using information available from respective Manufacturer and/or other public sources. Even though due care has been exercised while compiling the data. PETRO PIPE accept no responsibility or liability for its accuracy, errors, omissions or misinterpretation. User is advised to examine the suitability and accuracy by their own resources.