

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 ²)	18.567
Cross Sectional Area OD (in ²)	34.472
Cross Sectional Area ID (in ²)	15.904
Section Modulus (in ³)	22.470
Polar Section Modulus (in ³)	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

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