

5-1/2" OD DRILL PIPE, 21.90 PPF, 7.000" OD X 4.000" ID, DPM-SS105, DPM-DS55

## DRILL PIPE BODY

Nominal Weight (lbs/ft)	21.90
Grade	DPM-SS105
Type of Upset	IEU

	New	Premium
Nominal OD (in)	5-1/2	5.356
Nominal ID (in)	4.778	4.778
Pipe Wall Thickness (in)	0.361	0.289
Cross Sectional Area of Pipe Body (in <sup>2</sup> )	5.828	4.597
Cross Sectional Area OD (in <sup>2</sup> )	23.758	22.531
Cross Sectional Area ID (in <sup>2</sup> )	17.930	17.930
Section Modulus (in <sup>3</sup> )	7.031	5.527
Polar Section Modulus (in <sup>3</sup> )	14.062	11.054
Torsional Strength (lbs/ft)	70,994	55,809
Tensile Strength (lbs)	611,963	482,692
Burst Pressure (psi)	12,061	11,027
Collapse Pressure (psi)	10,753	6,865

## DRILL PIPE CONNECTION

OD (in)	7.000
ID (in)	4.000
Pin Tong Length (in)	10.00
Box Tong Length (in)	12.00
Connection	DPM-DS55
Torsional Strength (lbs/ft)	66,863
Tensile Yield Strength (lbs)	1,140,827
Recommended Make-up Torque (lbs/ft)	40,100
Maximum Make-up Torque (lbs/ft)	46,800
Tool Joint/Pipe Body Torsional Ratio (New)	0.94

## DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.38
Closed End Displacement (gal/ft)	1.28
Fluid Capacity (gal/ft)	0.90
Drift Size (in)	3.875
Adjusted Weight (lbs/ft)	24.88
Internal Plastic Coating	TC2000SS
Hardbanding	BoTn1000

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