

8-1/4" OD X 2.813" ID DRILL COLLAR, SPIRAL, AISI 4145, 6-5/8" REG

## DRILL COLLAR BODY

Nominal OD (in)	8-1/4
Nominal ID (in)	2.813
Pipe Wall Thickness (in)	2.719
Surface Finish	SPIRAL
Grade	AISI 4145
Cross Sectional Area of Pipe Body (in <sup>2</sup> )	47.241
Cross Sectional Area OD (in <sup>2</sup> )	53.456
Cross Sectional Area ID (in <sup>2</sup> )	6.215
Section Modulus (in <sup>3</sup> )	54.382
Polar Section Modulus (in <sup>3</sup> )	108.763
Momet of Inertia Drill Collar Body (in <sup>4</sup> )	224.32
Polar Moment of Inertia Drill Collar Body (in <sup>4</sup> )	448.65

## DRILL COLLAR CONNECTION

Connection	6-5/8" REG
OD (in)	8.250
ID (in)	2.813

## DRILL COLLAR ASSEMBLY

Approx Average Length (ft)	31.00
Open End Displacement (gal/ft)	2.45
Closed End Displacement (gal/ft)	2.78
Fluid Capacity (gal/ft)	0.32
Drift Size (in)	2.688

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