

## **Technical Data Sheet**

8-1/4" OD X 3.500" ID DRILL COLLAR, NON MAG SLICK, AMAGNIT 501, 6-5/8" REG

DRILL COLLAR BODY	
Nominal OD (in)	8-1/4
Nominal ID (in)	3.500
Pipe Wall Thickness (in)	2.375
Surface Finish	NON MAG SLICK
Grade	AMAGNIT 501
Cross Sectional Area of Pipe Body (in²)	43.835
Cross Sectional Area OD (in²)	53.456
Cross Sectional Area ID (in²)	9.621
Section Modulus (in³)	53.341
Polar Section Modulus (in³)	106.682
Momet of Inertia Drill Collar Body (in <sup>4</sup> )	220.03
Polar Moment of Inertia Drill Collar Body (in <sup>4</sup> )	440.06

DRILL COLLAR CONNECTION		
Connection	6-5/8" REG	
OD (in)	8.250	
ID (in)	3.500	

DRILL COLLAR ASSEMBLY		
Approx Average Length (ft)	31.00	
Open End Displacement (gal/ft)	2.28	
Closed End Displacement (gal/ft)	2.78	
Fluid Capacity (gal/ft)	0.50	
Drift Size (in)	3.375	

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