

Technical Data Sheet

8-1/4" OD X 3.250" ID DRILL COLLAR, NON MAG SLICK, AMAGNIT 501, 6-5/8" REG

DRILL COLLAR BODY	
Nominal OD (in)	8-1/4
Nominal ID (in)	3.250
Pipe Wall Thickness (in)	2.500
Surface Finish	NON MAG SLICK
Grade	AMAGNIT 501
Cross Sectional Area of Pipe Body (in²)	45.160
Cross Sectional Area OD (in²)	53.456
Cross Sectional Area ID (in²)	8.296
Section Modulus (in³)	53.799
Polar Section Modulus (in³)	107.598
Momet of Inertia Drill Collar Body (in⁴)	221.92
Polar Moment of Inertia Drill Collar Body (in ⁴)	443.84

DRILL COLLAR CONNECTION		
Connection	6-5/8" REG	
OD (in)	8.250	
ID (in)	3.250	

DRILL COLLAR ASSEMBLY		
Approx Average Length (ft)	31.00	
Open End Displacement (gal/ft)	2.35	
Closed End Displacement (gal/ft)	2.78	
Fluid Capacity (gal/ft)	0.43	
Drift Size (in)	3.125	

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