



**DRILL COLLAR PERFORMANCE DATA SHEET**  
**9-1/2" NON MAGNETIC SPIRAL**

**Spiral DC Size & Weight:** 9-1/2" x 2.813 ID  
**Material Grade:** Non Magnetic  
**Length:** 31.6  
**Connection:** 7-5/8" Reg

IMPERIAL UNIT

SPIRAL DRILL COLLAR DIMENSIONS				SPIRAL DRILL COLLAR DIMENSIONS			
Technical Details				Technical Details			
Pipe Body				Pipe Body			
Outside Diameter (OD)	in	9.500		Cross Sectional Area of OD	in sq	70.90	
Inside Diameter (ID)	in	2.813		Cross Sectional Area of ID	in sq	6.21	
Shoulder type	in	18°		Section Modulus	in CU	83.53	
Plain End Weight (lbs/ft)	lbs/ft	219.80		Polar Section Modulus	in CU	167.05	
Cross Sectional Area of Pipe	in sq	64.670					
Connection				Drill Collar Assembly			
Connection Type		7-5/8" Reg		Adjusted Weight	lbs	219.85	
Outside Diameter (OD)	in	9.500		Approximate Length	ft	31.60	
Inside Diameter (ID)	in	2.813		Drift Size	in	2.688	
BB+SRG		Yes		Fluid Displacement	gal/ft	3.359	
Connection Tensile Strength	lbs	2,747,400		Fluid Capacity	gal/ft	0.323	
Con.Torsional Strength	ft-lbs	147,000					
Recom. Make-Up Torque	ft-lbs	101,000					
Bending Strength Ratio (BSR)		2.785					

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