



DOC TITLE: DRILL COLLAR PERFORMANCE DATA SHEET

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REV: NA

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3-1/2" SLICK DRILL COLLAR PERFORMANCE DATA SHEET

Drill Collar Size & Weight: 3-1/2" x 1-1/4" ID
Material Grade: 110 ksi
Length (ft): 31.0
Connection: NC26

IMPERIAL UNIT

DRILL COLLAR DIMENSIONS

Technical Details

Pipe Body

Outside Diameter (OD)	in	3.500
Inside Diameter (ID)	in	1.250
Overall Length (New)	ft	31.000
Plain End Weight (lbs/ft)	lbs/ft	28.54

DRILL COLLAR DIMENSIONS

Technical Details

Pipe Body

Cross Sectional Area of Pipe Body	in sq	8.394
Cross Sectional Area of OD	in sq	9.621
Cross Sectional Area of ID	in sq	1.227
Sectional Modulus	in Cu	4.141
Polar Section Modulus	in Cu	8.282

Connection

Connection Type		NC26
Outside Diameter (OD)	in	3.500
Inside Diameter (ID)	in	1.250
BB+SRG		No
Connection Tensile Strength	lbs	408,069
Con.Torsional Strength	ft-lbs	8,113
Recom. Make-Up Torque	ft-lbs	4,610
Bending Strength Ratio (BSR)		2.246

Drill Collar Assembly

Adjusted Weight	lbs/ft	28.54
Approximate Length	ft	31.0
Drift Size	inch	1.125
Fluid Displacement	gal/ft	0.440
Fluid Capacity	gal/ft	0.060

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