



DOC TITLE: SPIRAL DRILL COLLAR PERFORMANCE DATA SHEET

DOC. NO. TAS-RT-SDC-005

REV: NA

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6.750" SPIRAL DRILL COLLAR PERFORMANCE DATA SHEET

IMPERIAL UNIT

Spiral DC Size & Weight: 6.750" x 2.8126 ID
Material Grade: AISI 4145-H mod.
Length (ft): 31
Connection: NC-50 (4-1/2" IF)

SPIRAL DRILL COLLAR DIMENSIONS & MATERIALS

Technical Details

Outside Diameter (OD)	in	6.750
Inside Diameter (ID)	in	2.8126
Shoulder type	in	18°
Overall Length (New)	ft	31.000
Elevator & Slip recess OD	in	5.000
Elevator & Slip recess	in	66.9
Spiral length	in	234.4

SPIRAL DRILL COLLAR DIMENSIONS & MATERIALS

Technical Details

Box Tong Space	inch	29.5
Pin Tong Space	inch	29.5
Displacement	gal/ft	1.3479
Capacity	gal/ft	0.3227
Closed End Displacement	gal/ft	1.6707
Weight	lbs	2,748
Weight / Length	lbs/ft	88.65

Connection

Connection Type		NC-50
Outside Diameter (OD)	in	6.750
Inside Diameter (ID)	in	2.8126
BB+SRG		Yes
Connection Tensile Strength	lbs	1,234,000
Con.Torsional Strength	ft-lbs	51,300
Make-Up Torque	ft-lbs	29,100
Bending Strength Ratio (BSR)		2.57

Body

Material Grade		AISI 4145-H mod.
Tensile Capacity (New)	lbf	1,476,000
Torsional Capacity (New)	ft-lbs	116,800

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