



DOC TITLE: SPIRAL DRILL COLLAR PERFORMANCE DATA SHEET

DOC. NO. TAS-RT-SDC-002

REV: NA

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8.25" SPIRAL DRILL COLLAR PERFORMANCE DATA SHEET

IMPERIAL UNIT

Spiral DC Size & Weight: 8-1/4" x 2.8126 ID
 Material Grade: AISI 4145-H mod.
 Length (ft): 31
 Connection: 6-5/8" Reg

SPIRAL DRILL COLLAR DIMENSIONS & MATERIALS

Technical Details

Outside Diameter (OD)	in	8.250
Inside Diameter (ID)	in	2.8126
Shoulder type	in	18°
Overall Length (New)	ft	31.000
Elevator & Slip recess OD	in	6.625
Elevator & Slip recess	in	66.9
Spiral length	in	235.0

SPIRAL DRILL COLLAR DIMENSIONS & MATERIALS

Technical Details

Box Tong Space	inch	29.5
Pin Tong Space	inch	29.5
Displacement	gal/ft	2.2169
Capacity	gal/ft	0.3227
Closed End Displacement	gal/ft	2.5397
Weight	lbs	4,520
Weight / Length	lbs/ft	145.81

Connection

Connection Type		6-5/8" Reg
Outside Diameter (OD)	in	8.250
Inside Diameter (ID)	in	2.8126
BB+SRG		Yes
Connection Tensile Strength	lbs	1,822,800
Con.Torsional Strength	ft-lbs	87,300
Make-Up Torque	ft-lbs	52,700
Bending Strength Ratio (BSR)		3.17

Body

Material Grade		AISI 4145-H mod.
Tensile Capacity (New)	lbf	3,108,000
Torsional Capacity (New)	ft-lbs	292,100

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