



Technical Information - Spiral Drill Collar Specification

6³/₄"ODx2¹³/₁₆"IDx5⁷/₈" recess Spiral DC w/ NC50 Connections 18° Elevator Shoulder
171,5mm OD x 71,4mm ID

Dimensions.	Drill Collar OD	6 ³ / ₄ "	171.5 mm	
	Drill Collar ID	2 ¹³ / ₁₆ "	71,4 mm	
	Nominal Weight / Overall Length	86,25 lb/ft / 31 ft.	128,36 kg/m 9,45 m	
	Elevator/Slip Recess Length	81 1/2"	2070 mm	
	Elevator/Slip Recess OD	5 ⁷ / ₈ "	149,2 mm	
	Material Grade/Yield	AISI 4145H mod/110 000 psi Mechanical properties to API SPEC 7-1 / NS1 / DS-1		
	Connection	Connection Type	NC50	
Connection OD		6 ³ / ₄ "	171.5 mm	
Connection ID		2 ¹³ / ₁₆ "	71,4 mm	
		Pin w/API Relief Groove		
		Box w/API Bore Back		
Tensile Yield		1 392 362 lbf	6 193 535 N	
Torsional Yield		56 807 ft-lbf	76 973 Nm	
Make-up torque		32 300 ft-lbf	43 766 Nm	
BSR		2.367		
Body	Tensile Yield	2 298 548 lbf	10 224 450 N	
	Torsional Yield	199 535 ft-lbf	270 370 Nm	
Volumes	Fluid Displacement open end	32,78 US Gal/jt	124,10 liter/jt	13,29 liter/m
	Fluid Displacement closed end	42,65 US Gal/jt	161,47 liter/jt	17,29 liter/m
	Fluid Capacity	9,87 US Gal/jt	37,37 liter/jt	4,00 liter/m
	Plastic Coating	N/A		
	Hardbanding	N/A		

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