



Technical Information - Spiral Drill Collar Specification

4 3/4" OD x 2 1/4" ID x 4" recess Spiral Drill Collar w/ NC38. 18° Elevator Shoulder
120.7mm OD x 57.2mm ID - NC38

Dimensions.	Drill Collar OD	4 3/4"	120.7 mm	
	Drill Collar ID	2 1/4 "	57.2 mm	
	Nominal Weight / Overall Length	38,76 lb/ft / 31 ft.	57,67 kg/m 9,45 m	
	Elevator/Slip Recess Length	81 1/2"	2070 mm	
	Elevator/Slip Recess OD	4"	101.6 mm	
	Material Grade/Yield	SAE 4145H mod/110 000psi		
	Mechanical properties to API SPEC 7-1 / NS1			
Connection	Connection Type	NC38	NC38	
	Connection OD	4 3/4"	120.7 mm	
	Connection ID	2 1/4 "	57.2 mm	
	Pin w/API Relief Groove			
	Box w/API Bore Back			
	Tensile Yield	630 426 lb	2 804 275 N	
	Torsional Yield	17 576 ft-lb	23 815 Nm	
	Make-up torque	9 986 ft-lb	13 531 Nm	
	BSR	1.92		
Body	Tensile Yield	944 932 lb	4 203 267 N	
	Torsional Yield	59 812 ft-lb	81045 Nm	
Volumes	Fluid Displacement open end	19.89 US Gal/jt	75.29 liter/jt	8.10 liter/m
	Fluid Displacement closed end	26.22 US Gal/jt	99.25 liter/jt	10.677 liter/m
	Fluid Capacity	6.33 US Gal/jt	23.96 liter/jt	2.57 liter/m
	Plastic Coating	N/A		
	Hardbanding	N/A		

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