

Size: 4.875" OD x 2.250" ID

With NC38 connections

DRILL COLLAR BODY:		DRILL COLLAR ASSEMBLY	
100% RBW		Approximate Length (ft):	31,5
OD (in) :	4,875	Adjusted Weight (lbs):	49,36
Nominal ID (in) :	2,250	Type of Drill Collar:	Slick
Wall Thickness (in):	1,313		
CONNECTIONS: API NC38			
Tool Joint OD (in):	4,875	Tool Joint Torsional Strength (ft-lbs):	20,000
Tool Joint ID (in):	2,250	Tool Joint Tensile Strength (lbs):	630,400
Connection MYS (ksi):	110		
Bending Strength Ratio (BSR):	2,14	Min MUT (ft-lbs):	10,000
		Tension at Shoulder Separation @ Min MUT (lbs):	615,700
Max MUT (ft-lbs):	12,000	Tension at Connection Yield @ Min MUT (lbs):	630,400
Tension at Shoulder Separation @ Max MUT (lbs):	Tensile Limited		
Tension at Connection Yield @ Max MUT (lbs):	516,900	Fluid Displacement (gal/ft):	0,764
		Fluid Displacement (bbls/ft):	0,0182
		Fluid Capacity (gal/ft):	0,206
		Fluid Capacity (bbls/ft):	0,0049
		Drift Size (in):	2,125
<small>Note: MUT values are based on friction factor of 1.0, there is not published pressure rating for this connection</small>			

Reference only and not a recommendation. The user is fully responsible for the accuracy and suitability of use of the technical information. PPE cannot assume responsibility for the results obtained through the use of this material. No expressed or implied warranty is intended. Drill pipe assembly properties are calculated based on uniform OD and wall thickness. No safety factor is applied. The information provided for various inspection classes and for various wear conditions (remaining body wall) is for information only and does not represent or imply acceptable operation limits. It is the responsibility of the customer and the end user to determine the appropriate performance ratings, acceptable use of the product, maintain safe operational practices, and to apply a prudent safety factor suitable for the application. For API connections that have different pin and box IDs, tool joint ID refers to the pin ID. Per Chapter B, Section 4 VII of the IADC drilling manual, it is recommended that drilling torque should not exceed 80% of MUT.