

Size: 4.125" OD x 2.000" ID
With NC31 connections.

DRILL COLLAR BODY:		DRILL COLLAR ASSEMBLY	
100% RBW		Approximate Length (ft):	31,5
OD (in) :	4,125	Adjusted Weight (lbs):	34,35
Nominal ID (in) :	1,063	Type of Drill Collar:	Slick
Wall Thickness (in):	2,000		
CONNECTIONS: API NC31			
Tool Joint OD (in):	4,125	Tool Joint Torsional Strength (ft-lbs):	12,100
Tool Joint ID (in):	2,000	Tool Joint Tensile Strength (lbs):	443,400
Connection MYS (ksi):	110	Min MUT (ft-lbs):	6,900
Bending Strength Ratio (BSR):	2,44	Tension at Shoulder Separation @ Min MUT (lbs):	Tensile Limited
Max MUT (ft-lbs):	7,500	Tension at Connection Yield @ Min MUT (lbs):	393,800
Tension at Shoulder Separation @ Max MUT (lbs):	Tensile Limited	Fluid Displacement (gal/ft):	0,529
Tension at Connection Yield @ Max MUT (lbs):	348,000	Fluid Displacement (bbls/ft):	0,0126
		Fluid Capacity (gal/ft):	0,164
		Fluid Capacity (bbls/ft):	0,0039
		Drift Size (in):	1,875

Note: MUT values are based on friction factor of 1.0, there is not published pressure rating for this connection

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.