Pipe Body Specification		
Pipe Body OD	in	3.5
Pipe Body Wall Thickness - Nominal Weight		0.449 in - 15.5 lb/ft
Pipe Body Grade		G-105
Drill Pipe Length		Range 2
- Max	ft	32.0
- Min	ft	31.0
Type of Upset		EU
Max Upset OD	in	3.875

		Nominal	API Premium 80% Inspection Class
Burst Pressure *	psi	23,570	21,600
Collapse Pressure *	psi	23,480	20,260
Slip Crushing Capacity *	lbs	352,400	277,300
- Assumed Slip Length		in	16.5
- Assumed Transverse Load	Factor (K)		4.2
Adjusted Weight **		lbs/ft	18.42
Fluid Displacement ** US gal/ft Bbls/ft		US gal/ft	0.28
		0.0067	
Fluid Capacity **		US gal/ft	0.25
		Bbls/ft	0.0061

The Rechnical information contained herein, including the product, performance sheet and other attached documents, is for reference only and should not be consider as a recommendation. The user is fully responsible for the accuracy and sustability of use of the technical information. NOV Grant Prodeco 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 CO and wall thickness. No safety factor is applied. The information provided for various inspection classes and for various wear conditions lemanting body wall is for information only and does not represent or imply acceptable operating limits. It is the responsibility of the customer and the end user to determine the appropriate performance rollings, acceptable use of the product, maintain safe operating 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 8, Section 4 VII of the drilling manual, it is recommended that drilling torque should not exceed 80% of MUT.

Connection Type and Size		NC38
Benchmark		H-Series™
SmoothEdge™ Height per side	in	N/A
Tool Joint SMYS	psi	120,000
Connection OD	in	5.0
Connection ID	in	2.125
Pin Tong Length	in	10.0
Box Tong Length	in	12.5
Thread Compound Friction Factor		1.0

Max Make-Up Torque (Recommended)	ft-lbs	15,900
Min Make-Up Torque	ft-lbs	13,300
Min TJ OD (API Premium)	in	4.795
Min TJ OD for Counterbore	in	0.0
Drift Size	in	2.0

Advisories and Warnings for Drill Pipe	
Advisories:	
Warnings:	
- At maximum make-up torque, the sealing shoulder contact stress is too high.	