

HEAVY WEIGHT DRILL PIPE TriSpiral		PIPE SIZE & WEIGHT:	3.500" OD x 2.250" ID		
		PIPE GRADE:	55 ksi Standard		
		RANGE:	II		
		TOOL JOINT CONN:	NC38		
<u>PIPE BODY:</u>		<u>TUBULAR ASSEMBLY</u>			
NEW Nominal		Adjusted Weigh (in):	25,36	Fluid Displacement (gal/ft):	0,388
OD(in):	3,500	Approximate Length (ft):	31,00	Fluid Capacity (bls/ft):	0,00495
Wall Thickness (in):	0,625	Box TJ Length (in):	24	Fluid Capacity (gal/ft):	0,208
ID(in):	2,250	Pin TJ Length (in):	24		
Calculated Plain End Weight (lbs/ft)	19,191	Drift Size (in):	2,000		
Tensile Strenght (lbs):	310,500				
Torsional Strenght (in):	18,500				
80% Torsional Strenght (in):	14,800				
Burst Capacity (psi):	17,188				
Collapse Capacity (psi):	16,135				
Notes: Body properties are calculated based on uniform OD and wall thickness. Burst capacity for Nominal (100% RBW) based on 87.5% RBW per API.					
<u>TOOL JOINT & CONNECTIONS:</u> API NC38		<u>BODY SPECIFICATONS</u>			
TOOL JOINT OD (in):	4,875			New Nominal	
TOOL JOINT ID (in):	2,313	Cross Sectional Area of Pipe Body (in2):		5,645	
Tool Joint Material Yield Strenght (psi):	120000	Cross Sectional Area OD (in2):		9,621	
Maximum MUT (ft/lbs):	13,740	Cross Sectional Area ID (in2):		3,976	
Minimum MUT (ft/lbs):	11,450	Section Modulus (in2):		3,490	
Torsional Strenght(ft/lbs):	22,900	Polar Section Modulus (in2):		6,981	
Tensile Strenght @ Min MUT (lbs):	764,000				
Tool Joint/DrillPipe Torsional Ration (NEW PIPE):	1,24				
Tool Joint/DrillPipe Torsional Ration (Premium):	1,81				
Balance OD (in):	4,907				
Note: Minimum Make up is base on Shoulder Separations cause by bending.		Note: These are OEM values that may vary with actual values due to mill tolerances, IPC tolerances, OEM rounding, and other factors. Pipe is purchased at a guaranteed 95% RBW. IPC is applied to a nominal thickness of 0.009". Pipe will have an ID of 2.705", which is smaller than pipe purchased at 87.5%.			
The technical information contained herein, including the product performance sheet and other attached documents, has been extracted from information available from the manufacturer and is for reference only and not a recommendation. The user is fully responsible for the accuracy and suitability of use of the technical information. Workstrings International 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.					