

HEAVY WEIGHT DRILL PIPE SPIRAL				PIPE SIZE & WEIGHT:		3.500" OD x 2.250" ID	
				PIPE GRADE:		55 ksi	
				RANGE:		II	
				TOOL JOINT CONN:		NC38	
PIPE BODY:				TUBULAR ASSEMBLY			
		NEW Nominal		Adjusted Weigh (in):	30,16	Fluid Displacement (gal/ft):	0,461
	OD(in):	3,500		Approximate Length (ft):	31,00	Fluid Capacity (bls/ft):	0,00493
	Wall Thickness (in):	0,625				Fluid Capacity (gal/ft):	0,207
	ID(in):	2,260		Box TJ Length (in):	24		
	Calculated Plain End Weight (lbs/ft)	19,191		Pin TJ Length (in):	24		
	Tensile Strenght (lbs):	310,500		Drift Size (in):	2,000		
	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.				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%.			
TOOL JOINT & CONNECTIONS: API NC38				BODY SPECIFICATONS			
TOOL JOINT OD (in):	4,875			Cross Sectional Area of Pipe Body (in2):	5,645		
TOOL JOINT ID (in):	2,375			Cross Sectional Area OD (in2):	9,621		
		Tool Joint Material Yield Strenght (psi):	120000	Cross Sectional Area ID (in2):	3,976		
		Maximum MUT (ft/lbs):	13,740	Section Modulus (in2):	3,490		
		Minimum MUT (ft/lbs):	11,450	Polar Section Modulus (in2):	6,981		
		Torsional Strenght(ft/lbs):	22,900				
		Tensile Strenght(ft/lbs):	736,400				
		Tool Joint/DrillPipe Torsional Ration (NEW PIPE):	1,24				
		Balance OD (in):	4,877				
Note: Minimum Make up is base on Shoulder Separations cause by bending.							
<p>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.</p>							