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

PIPE BODY:

	NEW Nominal
OD(in):	3,500
Wall Thickness (in):	0,625
ID(in):	2,250
Calculated Plain End Weight (lbs/ft	19,191
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.

TUBULAR ASSEMBLY

Adjusted Weigh (in):	25,36	Fluid Displacement (gal/ft):	0,388
Approximate Length (ft):	31,00	Fluid Capacity (bls/ft)):	0,00495
		Fluid Capacity (gal/ft):	0,208
Box TJ Length (in):	24		
Pin TJ Length (in):	24		
Drift Size (in):	2,000		

TOOL JOINT & CONNECTIONS: API NC38

TOOL JOINT OD (in):	4,875
TOOL JOINT ID (in):	2,313
Tool Joint Material Yield Strenght (psi):	120000
Maximum MUT (ft/lbs):	13,740
Minimum MUT (ft/lbs):	11,450
Torsional Strengh(ft/lbs):	22,900
Tensile Strengh @ 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 bendling.

BODY SPECIFICATONS

	New Nominal
Cross Sectional Area of Pipe Body (in2):	5,645
Cross Sectional Area OD (in2):	9,621
Cross Sectional Area ID (in2):	3,976
Section Modulus (in2):	3,490
Polar Section Modulus (in2):	6,981

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%.