

**5 1/2" – DELTA™ 544 – 6.625" OD X 4.000" ID – DRILL PIPE**

| TUBE / PIPE BODY | NOMINAL |        |
|------------------|---------|--------|
| PIPE BODY OD     | 5.500   | in     |
| PIPE BODY ID     | 4.778   | in     |
| WEIGHT           | 21.9    | lbs/ft |
| WALL THICKNESS   | 0.361   | in     |
| GRADE            | S-135   |        |
| TYPE OF UPSET    | IEU     |        |
| MAXIMUM UPSET OD | 5.688   | in     |
| RANGE            | 2       |        |

| TOOL JOINT SPECIFICATIONS | NOMINAL    |        |
|---------------------------|------------|--------|
| TOOL JOINT DESCRIPTION    | DELTA™ 544 |        |
| TOOL JOINT OD             | 6.625      | in     |
| TOOL JOINT ID             | 4.000      | in     |
| PIN TONG LENGTH           | 12         | in     |
| BOX TONG LENGTH           | 17         | in     |
| TOOL JOINT SMYS           | 130,000    | psi    |
| DRIFT                     | 3.875      | in     |
| TOOL JOINT TORSIONAL      | 83,800     | ft-lbs |

| PIPE BODY PERFORMANCE                | INSPECTION CLASS |                 |          |
|--------------------------------------|------------------|-----------------|----------|
|                                      | NOMINAL          | API PREMIUM 80% |          |
| REMAINING BODY WALL (RBW)            | 0.361            | 0.289           | in       |
| BURST PRESSURE*                      | 15,510           | 12,408          | psi      |
| COLLAPSE PRESSURE*                   | 12,680           | 7,490           | psi      |
| SLIP CRUSHING CAPACITY*              | 618,000          | 490,600         | lbs      |
| - ASSUMED SLIP LENGTH                |                  | 16.5            | in       |
| - ASSUMED TRANSVERSE LOAD FACTOR (K) |                  | 2.6             |          |
| ADJUSTED WEIGHT**                    |                  | 26.0            | lbs/ft   |
| FLUID DISPLACEMENT**                 |                  | 0.0095          | bbbls/ft |
| FLUID CAPACITY**                     |                  | 0.0209          | bbbls/ft |
| TUBE TENSILE                         |                  | 620,604         | lbs      |
| TUBE TORSIONAL                       |                  | 71,754          | ft-lbs   |



NOMINAL BURST CALCULATED AT 87.5% RBW PER API  
 \*WITH NO AXIAL LOAD OR BENDING IN STRING  
 \*\*BEST ESTIMATE

| MAKEUP TORQUE SPECIFICATIONS              | THREAD COMPOUND FRICTION FACTOR |                             |
|---|---------------------------------|-----------------------------|
|   | 1.00 FF                         | 1.15 FF*                    |
| MAXIMUM MAKEUP TORQUE                     | 58,700 <sup>2</sup> ft-lbs      | 67,505 <sup>2*</sup> ft-lbs |
| MINIMUM MAKEUP TORQUE                     | 41,900 ft-lbs                   | 48,185 <sup>*</sup> ft-lbs  |
| TOOL JOINT TORSIONAL                      | 83,800 ft-lbs                   | 96,370 <sup>*</sup> ft-lbs  |
| CONNECTION TENSILE (AT MIN MAKEUP TORQUE) | 1,211,476 lbs                   |                             |
| CONNECTION TENSILE (AT MAX MAKEUP TORQUE) | 727,700 lbs                     |                             |

<sup>2</sup>NOV GRANT PRIDECO EXTENDED MUT APPLIED.  
<sup>2</sup>EXTENDED MAKEUP TORQUE AS DEFINED IN NOV GRANT PRIDECO PRODUCT BULLETIN PR-43.1-2017JAN26-EXT – AVAILABLE UPON REQUEST.  
 \*FRICTION FACTOR ADJUSTMENT BASED ON USING COPPER BASED THREAD COMPOUND WITH A FRICTION FACTOR OF 1.15.  
 \*WHEN APPLYING A 1.15 FF THREAD COMPOUND THE TOOL JOINT TORSIONAL STRENGTH WILL INCREASE BY AN ADDITIONAL 15%.

- MAXIMUM MAKEUP TORQUE SHOULD BE USED WHEN POSSIBLE.
- IT IS RECOMMENDED THAT DRILLING TORQUE SHOULD NOT EXCEED 80% OF MAKEUP TORQUE.

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**Start saving time and money today!**

To order your 5 1/2", Delta™544 Drill Pipe for your offshore & land needs, or for further information, please contact:

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