

DRILL COLLAR SPECIFICATION SHEET

6 3/4" – NC50 – 6.750" OD X 2.813" ID - DRILL COLLAR

| DRILL COLLAR BODY | NOMINAL | |
|-------------------|---------|--------|
| TYPE | SPIRAL | |
| OD | 6.750 | in |
| ID | 2.813 | in |
| WEIGHT | 100.53 | lbs/ft |
| WALL THICKNESS | 1.969 | in |
| SLIP RECESS | YES | |
| ASSEMBLY DRIFT | 2.688 | in |

| CONNECTION SPECIFICATIONS | NOMINAL | |
|---------------------------|------------------|--------|
| CONNECTION | NC50 (4 1/2" IF) | |
| CONNECTION OD | 6.750 | in |
| CONNECTION ID | 2.813 | in |
| CONNECTION TENSILE | 1,392,100 | lbs |
| CONNECTION TORSIONAL | 57,000 | ft-lbs |
| BENDING STRENGTH RATIO | 2.367 | BSR |
| THREAD COMPOUND | 1.00 | FF |

| CONNECTION SPECIFICATIONS | bbls/ft |
|--|---------------------|
| DISPLACEMENT ESTIMATE (INCLUDES CONNECTIONS) | 0.0366 ¹ |
| CAPACITY ESTIMATE (INCLUDES CONNECTIONS) | 0.0077 ¹ |



¹AT NOMINAL WALL THICKNESS

| MAKEUP TORQUE SPECIFICATIONS | THREAD COMPOUND FRICTION FACTOR | |
|------------------------------|---------------------------------|----------------|
| | 1.00 FF | 1.15 FF* |
| MAXIMUM MAKEUP TORQUE | 35,500 ft-lbs | 40,825* ft-lbs |
| MINIMUM MAKEUP TORQUE | 32,300 ft-lbs | 37,145* ft-lbs |
| CONNECTION TORSIONAL | 57,000 ft-lbs | 65,550* ft-lbs |

*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 CONNECTION TORSIONAL STRENGTH WILL INCREASE BY AN ADDITIONAL 15%.

- MAXIMUM MAKEUP TORQUE SHOULD BE USED WHEN POSSIBLE.
- NO SAFETY FACTOR APPLIED
- VALUES BASED ON UNIFORM (NOMINAL) OD AND WALL THICKNESS.
- 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 6 3/4", NC50 (4 1/2" IF) Drill Collars for your offshore & land needs, or for further information, please contact:

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