

DRILL COLLAR SPECIFICATION SHEET

4 3/4" – NC38 – 4.750" OD X 2.250" ID - DRILL COLLAR

DRILL COLLAR BODY	NOMINAL	
TYPE	SPIRAL	
OD	4.750	in
ID	2.250	in
WEIGHT	44.40	lbs/ft
WALL THICKNESS	1.250	in
SLIP RECESS	YES	
ASSEMBLY DRIFT	2.125	in

CONNECTION SPECIFICATIONS	NOMINAL	
CONNECTION	NC38 (3 1/2" IF)	
CONNECTION OD	4.750	in
CONNECTION ID	2.250	in
CONNECTION TENSILE	711,800	lbs
CONNECTION TORSIONAL	17,576	ft-lbs
BENDING STRENGTH RATIO	1.917	BSR
THREAD COMPOUND	1.00	FF

CONNECTION SPECIFICATIONS	bbls/ft
DISPLACEMENT ESTIMATE (INCLUDES CONNECTIONS)	0.0162 ¹
CAPACITY ESTIMATE (INCLUDES CONNECTIONS)	0.0049 ¹



¹AT NOMINAL WALL THICKNESS

MAKEUP TORQUE SPECIFICATIONS	THREAD COMPOUND FRICTION FACTOR	
	1.00 FF	1.15 FF*
MAXIMUM MAKEUP TORQUE	10,985 ft-lbs	12,633* ft-lbs
MINIMUM MAKEUP TORQUE	9,985 ft-lbs	11,483* ft-lbs
CONNECTION TORSIONAL	17,576 ft-lbs	20,212* 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 4 3/4", NC38 Drill Collars for your offshore & land needs, or for further information, please contact:

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