

DRILL COLLAR SPECIFICATION SHEET

3 1/8" – 2 7/8" PAC – 3.125" OD X 1.250" ID - DRILL COLLAR

DRILL COLLAR BODY	NOMINAL	
TYPE	SLICK	
OD	3.125	in
ID	1.250	in
WEIGHT	21.90	lbs/ft
WALL THICKNESS	0.938	in
SLIP RECESS	NO	
ASSEMBLY DRIFT	1.125	in

CONNECTION SPECIFICATIONS	NOMINAL	
CONNECTION	2.875 PAC	
CONNECTION OD	3.125	in
CONNECTION ID	1.250	in
CONNECTION TENSILE	309,667	lbs
CONNECTION TORSIONAL	6,103	ft-lbs
BENDING STRENGTH RATIO	2.13	BSR
THREAD COMPOUND	1.00	FF

CONNECTION SPECIFICATIONS	bbls/ft
DISPLACEMENT ESTIMATE (INCLUDES CONNECTIONS)	0.0080 ¹
CAPACITY ESTIMATE (INCLUDES CONNECTIONS)	0.0015 ¹

¹AT NOMINAL WALL THICKNESS



MAKEUP TORQUE SPECIFICATIONS	THREAD COMPOUND FRICTION FACTOR	
	1.00 FF	1.15 FF*
MAXIMUM MAKEUP TORQUE	5,355 ft-lbs	6,158* ft-lbs
MINIMUM MAKEUP TORQUE	4,855 ft-lbs	5,583* ft-lbs
CONNECTION TORSIONAL	6,103 ft-lbs	7,019* 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 3 1/8", 2 7/8" PAC Drill Collars for your offshore & land needs, or for further information, please contact:

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