



**TECHNICAL SPECIFICATION FOR NEW 5" OD 19.50 GRADE S135 LB/FT
DRILL PIPE WITH NC50 (4.1/2" IF) TOOL JOINTS**

PIPE OD	5"
NOMINAL WEIGHT (PIPE TUBE)	19.50 LB/FT
TYPICAL LENGTH SHOULDER TO SHOULDER	31.6 FT
CALCULATED WEIGHT WITH TOOL JOINTS	22.9 LB/FT
	722 LBS/JOINT
NOMINAL WALL THICKNESS	0.362"
AVERAGE INSIDE DIAMETER (NEW)	4.276"
NOMINAL SECTION AREA BODY OF PIPE	5.2746 SQUARE INCHES
HOOK LOAD (NEW)	712,070 LBS
POLAR SECTIONAL MODULUS	11.415 CUBIC INCHES
TYPE OF UPSET	IEU 80MM MIN MIU
GRADE	S135
PIPE COLLAPSE RESISTANCE (NEW)	15,672 PSI
PIPE INTERNAL YIELD PRESSURE (NEW)	17,105 PSI
PIPE TENSILE YIELD (NEW)	712,070 LBS
PIPE TORSIONAL YIELD (NEW)	74,100 FT/LBS
TOOL JOINT MANUFACTURER	OMSCO.
MATERIAL	4137 MOD.
CONNECTION	NC50 (4-1/2" IF)
PIN & BOX OD	6-5/8"
PIN & BOX ID	3-1/4"
INTERNAL COATING	NONE
HARDBANDING	ARNCO
TOOL JOINT TONG LENGTHS	9" PIN / 12" BOX
BEVEL DIAMETER	6-1/16"
TOOL JOINT TENSILE YIELD (NEW)	1,268,963 LBS
TOOL JOINT TORSIONAL YIELD (NEW)	51,708 FT/LBS
RECOMMENDED MAKE-UP TORQUE	31,025 FT/LBS
MINIMUM MAKE UP TORQUE	21,914 FT/LBS
MINIMUM DRIFT DIAMETER	3.1/8"

CAPACITIES / DISPLACEMENT:

OPEN END DISPLACEMENT	0.340 Gal/ft
CLOSED END DISPLACEMENT	1.060 Gal/ft
CAPACITY	0.720 Gal/ft

All figures are based on data supplied by the manufacturers and from information taken from API specification RP7G Fifteenth Edition January 1995

MANUFACTURED TO SHELL SQAIR / NS1 SPECIFICATIONS

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