



**TECHNICAL SPECIFICATION FOR NEW 6.5/8" OD 27.70 LB/FT DRILL
PIPE WITH 6.5/8" FULL HOLE TOOL JOINTS**

PIPE OD	6.5/8"
NOMINAL WEIGHT (PIPE TUBE)	27.70 LB/FT
TYPICAL LENGTH SHOULDER TO SHOULDER	31.8 FT
CALCULATED WEIGHT WITH TOOL JOINTS	30.24 LB/FT
	960 LBS/JOINT
NOMINAL WALL THICKNESS	0.362"
AVERAGE INSIDE DIAMETER (NEW)	5.901"
NOMINAL SECTION AREA BODY OF PIPE	7.1227 SQUARE INCHES
HOOK LOAD (NEW)	961,900 LBS
POLAR SECTIONAL MODULUS	21.156 CUBIC INCHES
TYPE OF UPSET	IEU 80MM MIN MIU
GRADE	S135
PIPE COLLAPSE RESISTANCE (NEW)	7,813 PSI
PIPE INTERNAL YIELD PRESSURE (NEW)	12,909 PSI
PIPE TENSILE YIELD (NEW)	961,900 LBS
PIPE TORSIONAL YIELD (NEW)	137,330 FT/LBS
TOOL JOINT MANUFACTURER	GRANT PRIDECO.
MATERIAL	4137 MOD.
CONNECTION	6.5/8" FULL HOLE
PIN & BOX OD	8"
PIN & BOX ID	5"
INTERNAL COATING	NONE
HARDBANDING	ARNCO
TOOL JOINT TONG LENGTHS	12" PIN / 15" BOX
BEVEL DIAMETER	7-45/64"
TOOL JOINT TENSILE YIELD (NEW)	1,448,416 LBS
TOOL JOINT TORSIONAL YIELD (NEW)	73,700 FT/LBS
RECOMMENDED MAKE-UP TORQUE	44,200 FT/LBS
MINIMUM MAKE UP TORQUE	40,860 FT/LBS
MINIMUM DRIFT DIAMETER	4.7/8"

CAPACITIES / DISPLACEMENT:

OPEN END DISPLACEMENT	0.460 Gal/ft
CLOSED END DISPLACEMENT	1.850 Gal/ft
CAPACITY	1.390 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 / NS 1 SPECIFICATIONS

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