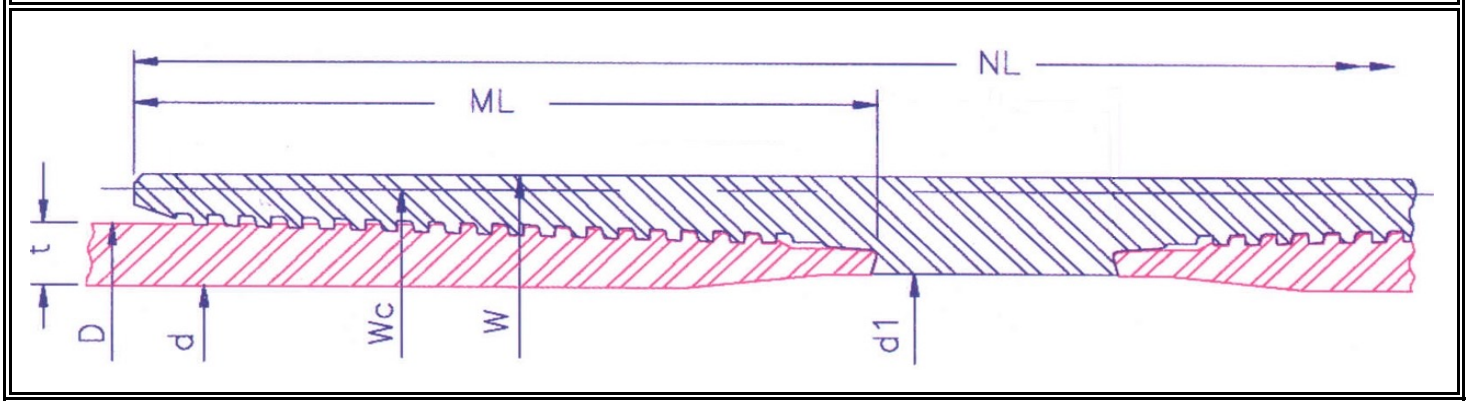
TECHNICAL INFORMATION

CASING

SIZE:	**127mm (5")**
NOMINAL WEIGHT:	**19.35 kg/m (13.00 lb/ft)**
WALL THICKNESS:	**6.43mm (0.253")**
THREADS PER INCH:	**5**



PIPE BODY	OUTSIDE DIA. (mm)	D	127	INSIDE DIA. (mm)		d	114.15	DRIFT DIA. (mm)		110.97	PLAIN END WT (kg/m)		19.09
	GRADE			55	N80	80	90	95	C110	110	C125	125	140	150
	COLLAPSE RESISTANCE (MPa)			28.6	35.4	35.4	37.4	38.3	40.3	40.3	41.6	41.6	43.8	44.9
	INTERNAL YIELD PRESSURE (MPa)			33.6	48.8	48.8	54.9	58	67.2	67.2	76.3	76.3	85.5	91.6
	BODY YIELD STRENGTH (kN)			923	1343	1343	1510	1594	1846	1846	2098	2098	2350	2517
	ULTIMATE STRENGTH (kN)			1594	1678	1594	1678	1762	1930	2098	2182	2266	2517	2685
	YIELD TORQUE (N.m)			30590	44490	44490	50060	52840	61180	61180	69520	69520	77870	83430
MAKE UP	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR (N.m)	MINIMUM		5120	5570	5570	5920	5920	6180	6180	6450	6450	6710	6970
		OPTIMUM		5690	6180	6180	6580	6580	6860	6860	7160	7160	7460	7740
		MAXIMUM		6260	6790	6790	7230	7230	7540	7540	7860	7860	8200	8510
	SPECIAL CLEARANCE (N.m)	MINIMUM		5120	5570	5570	5920	5920	6180	6180	6450	6450	6710	6970
		OPTIMUM		5690	6180	6180	6580	6580	6860	6860	7160	7160	7460	7740
		MAXIMUM		6260	6790	6790	7230	7230	7540	7540	7860	7860	8200	8510
CONNECTION	COLLAPSE RESISTANCE (MPa)			28.6	35.4	35.4	37.4	38.3	40.3	40.3	41.6	41.6	43.8	44.9
	INTERNAL YIELD PRESSURE (MPa)			33.6	48.8	48.8	54.9	58	67.2	67.2	76.3	76.3	85.5	91.6
	MAXIMUM LOAD OF COUPLING FACE (kN)	REGULAR		796	1158	1158	1303	1375	1592	1592	1809	1809	2026	2171
		S.C.		383	557	557	626	661	765	765	870	870	974	1044
				PARTING LOAD (kN)										
	REGULAR COUPLING			1376	1518	1455	1549	1628	1802	1929	2039	2103	2340	2498
	S.C. COUPLING			1376	1518	1455	1549	1628	1802	1929	2039	2103	2340	2498

		OUTSIDE DIA. (mm)	INSIDE DIA. (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (m^3)
COUPLING OUTSIDE DIAMETER	W	141.88	113.26	8.50	146	0.02313
	Wc	136.91	113.26	6.03	101	0.02282
COUPLING LENGTH (mm)	NL	288.47	The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information.			
MAKE UP LOSS (mm)	ML	119.99				