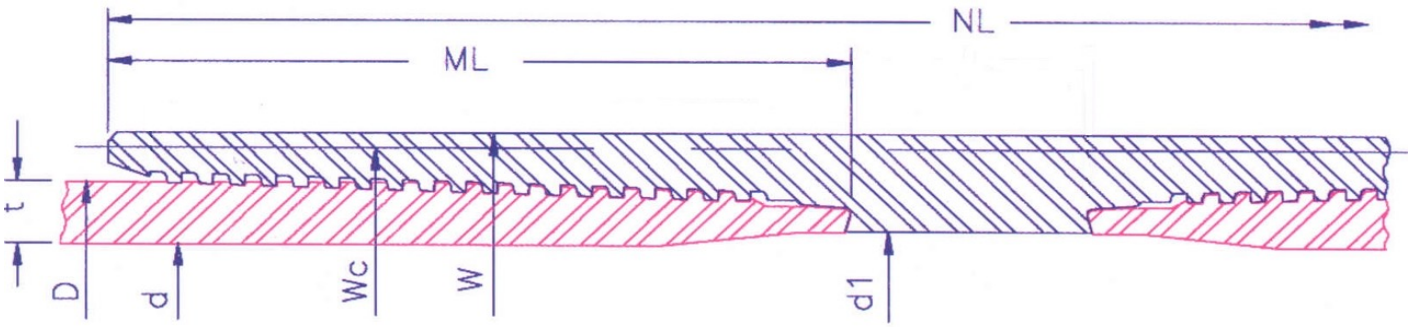
TECHNICAL INFORMATION

CASING

SIZE:	**127mm (5")**
NOMINAL WEIGHT:	**35.86 kg/m (24.10 lb/ft)**
WALL THICKNESS:	**12.70mm (0.500")**
THREADS PER INCH:	**5**



PIPE BODY	OUTSIDE DIA. (mm)	D	127	INSIDE DIA. (mm)		d	101.6	DRIFT DIA. (mm)	98.42	PLAIN END WT (kg/m)		35.76
	GRADE			55	N80	80	90	95	C110	110	C125	125	140	150
	COLLAPSE RESISTANCE (MPa)			68.3	99.3	99.3	111.7	117.9	136.5	136.5	155.1	155.1	173.7	186.2
	INTERNAL YIELD PRESSURE (MPa)			66.4	96.5	96.5	108.6	114.6	132.7	132.7	150.8	150.8	168.9	181
	BODY YIELD STRENGTH (kN)			1729	2515	2515	2830	2987	3459	3459	3930	3930	4402	4716
	ULTIMATE STRENGTH (kN)			2987	3144	2987	3144	3301	3616	3930	4088	4245	4716	5031
	YIELD TORQUE (N.m)			51990	75620	75620	85070	89800	103980	103980	118160	118160	132330	141790
MAKE UP	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR (N.m)	MINIMUM		9270	10130	10130	10620	10620	11470	11470	11900	11900	12410	12870
		OPTIMUM		10290	11250	11250	11800	11800	12740	12740	13220	13220	13760	14280
		MAXIMUM		11310	12380	12380	12980	12980	14020	14020	14530	14530	15120	15690
	SPECIAL CLEARANCE (N.m)	MINIMUM		9270	10130	10130	10620	10620	11470	11470	11900	11900	12410	12870
		OPTIMUM		10290	11250	11250	11800	11800	12740	12740	13220	13220	13760	14280
		MAXIMUM		11310	12380	12380	12980	12980	14020	14020	14530	14530	15120	15690
CONNECTION	COLLAPSE RESISTANCE (MPa)			68.3	99.3	99.3	111.7	117.9	136.5	136.5	155.1	155.1	173.7	186.2
	INTERNAL YIELD PRESSURE (MPa)			66.4	96.5	96.5	108.6	114.6	132.7	132.7	150.8	150.8	168.9	181
	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			2212	2329	2212	2329	2445	2678	2911	3027	3144	3493	3726
	S.C. COUPLING			1534	1615	1534	1615	1696	1857	2018	2099	2180	2422	2584

		OUTSIDE DIA. (mm)	INSIDE DIA. (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (m^3)
COUPLING OUTSIDE DIAMETER	W	141.88	109.55	8.75	78	0.04241
	Wc	136.91	109.55	6.29	54	0.04209
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				