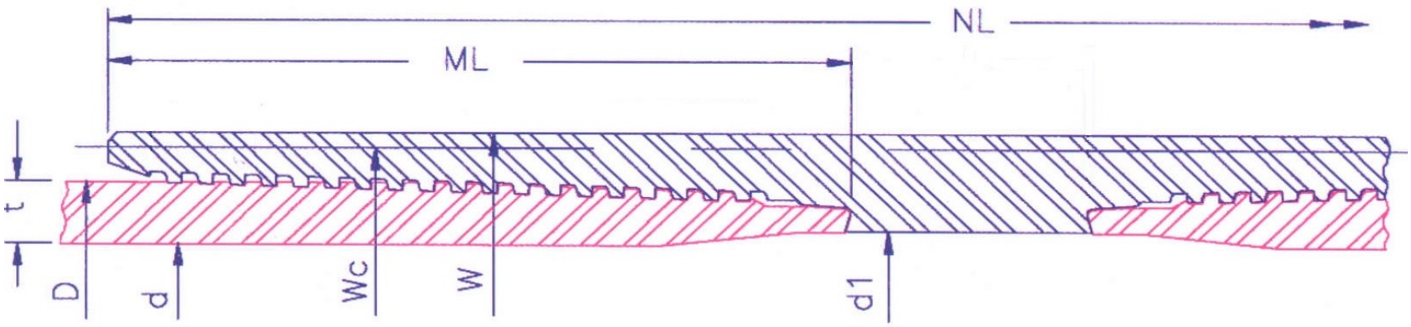
TECHNICAL INFORMATION

CASING

SIZE:	**127mm (5")**
NOMINAL WEIGHT:	**34.53 kg/m (23.20 lb/ft)**
WALL THICKNESS:	**12.14mm (0.478")**
THREADS PER INCH:	**5**



PIPE BODY	OUTSIDE DIA. (mm)	D	127	INSIDE DIA. (mm)		d	102.72	DRIFT DIA. (mm)		99.54	PLAIN END WT (kg/m)	34.35
	GRADE			55	N80	80	90	95	C110	110	C125	125	140	150
	COLLAPSE RESISTANCE (MPa)			65.6	95.4	95.4	107.3	113.3	131.1	131.1	149	149	166.9	178.8
	INTERNAL YIELD PRESSURE (MPa)			63.4	92.3	92.3	103.8	109.6	126.9	126.9	144.2	144.2	161.5	173
	BODY YIELD STRENGTH (kN)			1661	2416	2416	2719	2870	3323	3323	3776	3776	4229	4531
	ULTIMATE STRENGTH (kN)			2870	3021	2870	3021	3172	3474	3776	3927	4078	4531	4833
	YIELD TORQUE (N.m)			50380	73270	73270	82430	87010	100750	100750	114490	114490	128230	137390
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	11050	11050	11470	11470	11900	12410
		OPTIMUM		10290	11250	11250	11800	11800	12270	12270	12740	12740	13220	13760
		MAXIMUM		11310	12380	12380	12980	12980	13490	13490	14020	14020	14530	15120
	SPECIAL CLEARANCE (N.m)	MINIMUM		9270	10130	10130	10620	10620	11050	11050	11470	11470	11900	12410
		OPTIMUM		10290	11250	11250	11800	11800	12270	12270	12740	12740	13220	13760
		MAXIMUM		11310	12380	12380	12980	12980	13490	13490	14020	14020	14530	15120
CONNECTION	COLLAPSE RESISTANCE (MPa)			65.6	95.4	95.4	107.3	113.3	131.1	131.1	149	149	166.9	178.8
	INTERNAL YIELD PRESSURE (MPa)			63.4	92.3	92.3	103.8	109.6	126.9	126.9	144.2	144.2	161.5	173
	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	81	0.04080
	Wc	136.91	109.55	6.29	56	0.04048
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				