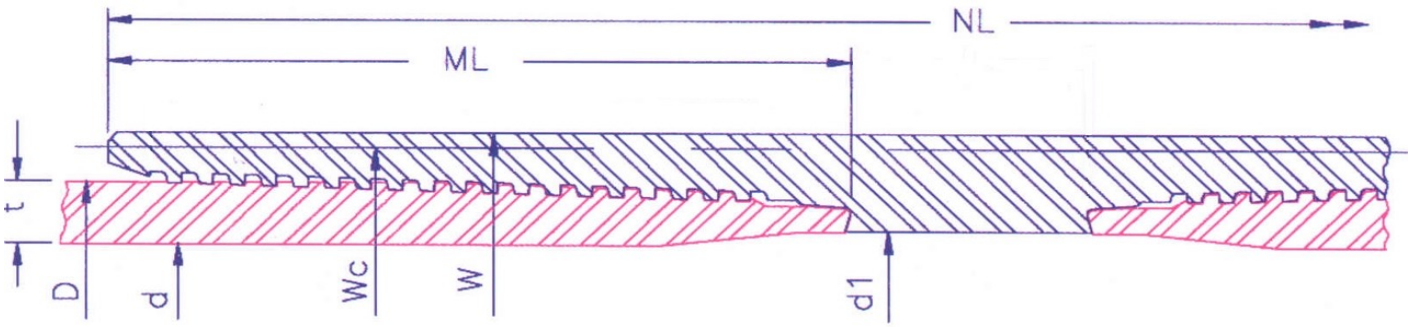
TECHNICAL INFORMATION

CASING

SIZE:	**127mm (5")**
NOMINAL WEIGHT:	**26.79 kg/m (18.00 lb/ft)**
WALL THICKNESS:	**9.19mm (0.362")**
THREADS PER INCH:	**5**



PIPE BODY	OUTSIDE DIA. (mm)	D	127	INSIDE DIA. (mm)		d	108.61	DRIFT DIA. (mm)	105.44	PLAIN END WT (kg/m)		26.68
	GRADE			55	N80	80	90	95	C110	110	C125	125	140	150
	COLLAPSE RESISTANCE (MPa)			50.9	72.3	72.3	79.5	82.9	92.9	92.9	102.2	102.2	110.9	116.2
	INTERNAL YIELD PRESSURE (MPa)			48	69.9	69.9	78.6	83	96.1	96.1	109.2	109.2	122.3	131
	BODY YIELD STRENGTH (kN)			1290	1877	1877	2112	2229	2581	2581	2933	2933	3285	3519
	ULTIMATE STRENGTH (kN)			2229	2346	2229	2346	2464	2698	2933	3050	3167	3519	3754
	YIELD TORQUE (N.m)			40960	59570	59570	67020	70740	81910	81910	93080	93080	104250	111700
MAKE UP	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR (N.m)	MINIMUM		6970	7510	7510	7860	7860	8220	8220	8660	8660	8830	9270
		OPTIMUM		7740	8340	8340	8730	8730	9120	9120	9610	9610	9800	10290
		MAXIMUM		8510	9170	9170	9600	9600	10030	10030	10560	10560	10780	11310
	SPECIAL CLEARANCE (N.m)	MINIMUM		6970	7510	7510	7860	7860	8220	8220	8660	8660	8830	9270
		OPTIMUM		7740	8340	8340	8730	8730	9120	9120	9610	9610	9800	10290
		MAXIMUM		8510	9170	9170	9600	9600	10030	10030	10560	10560	10780	11310
CONNECTION	COLLAPSE RESISTANCE (MPa)			50.9	72.3	72.3	79.5	82.9	92.9	92.9	102.2	102.2	110.9	116.2
	INTERNAL YIELD PRESSURE (MPa)			48	69.9	69.9	78.6	83	96.1	96.1	109.2	109.2	122.3	131
	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			1923	2122	2033	2166	2277	2520	2696	2851	2940	3271	3492
	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	112.24	8.57	104	0.03192
	Wc	136.91	112.24	6.10	72	0.03161
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				