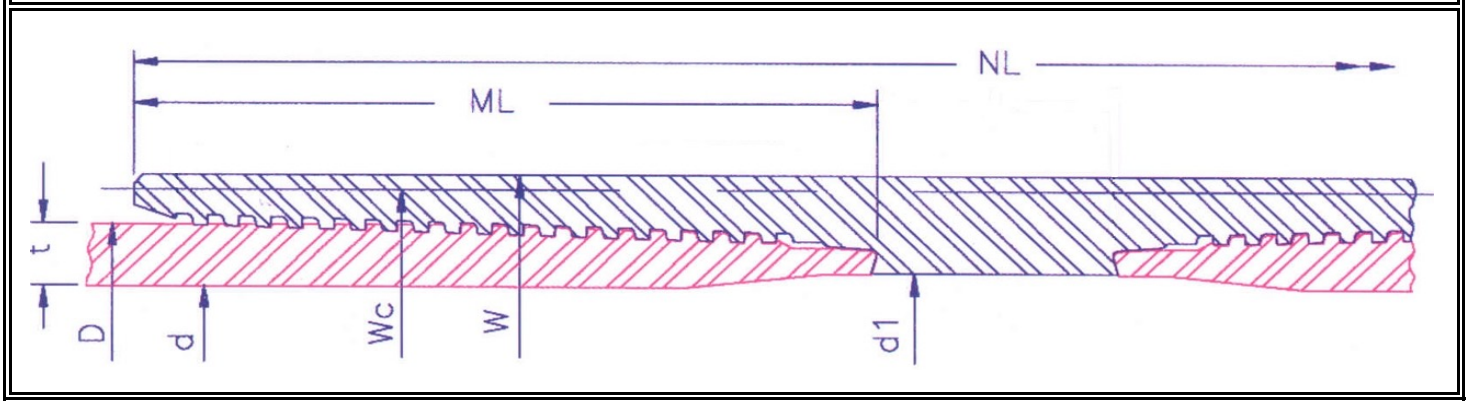
TECHNICAL INFORMATION

HSC High Sealed & Coupled

CASING

SIZE:	**127mm (5")**
NOMINAL WEIGHT:	**31.85 kg/m (21.40 lb/ft)**
WALL THICKNESS:	**11.10mm (0.437")**
THREADS PER INCH:	**5**



PIPE BODY	OUTSIDE DIA. (mm)	D	127	INSIDE DIA. (mm)		d	104.8	DRIFT DIA. (mm)		101.63	PLAIN END WT (kg/m)		31.7
	GRADE			55	N80	80	90	95	C110	110	C125	125	140	150
	COLLAPSE RESISTANCE (MPa)			60.5	88	88	99	104.5	121	121	137.5	137.5	154	165
	INTERNAL YIELD PRESSURE (MPa)			58	84.4	84.4	94.9	100.2	116	116	131.8	131.8	147.6	158.2
	BODY YIELD STRENGTH (kN)			1533	2229	2229	2508	2647	3065	3065	3483	3483	3901	4180
	ULTIMATE STRENGTH (kN)			2647	2787	2647	2787	2926	3205	3483	3623	3762	4180	4458
	YIELD TORQUE (N.m)			47220	68690	68690	77280	81570	94450	94450	107330	107330	120210	128790
MAKE UP	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR (N.m)	MINIMUM		8750	9720	9720	10130	10130	10620	10620	11050	11050	11470	11900
		OPTIMUM		9710	10790	10790	11250	11250	11800	11800	12270	12270	12740	13220
		MAXIMUM		10670	11860	11860	12380	12380	12980	12980	13490	13490	14020	14530
	SPECIAL CLEARANCE (N.m)	MINIMUM		8750	9720	9720	10130	10130	10620	10620	11050	11050	11470	11900
		OPTIMUM		9710	10790	10790	11250	11250	11800	11800	12270	12270	12740	13220
		MAXIMUM		10670	11860	11860	12380	12380	12980	12980	13490	13490	14020	14530
CONNECTION	COLLAPSE RESISTANCE (MPa)			60.5	88	88	99	104.5	121	121	137.5	137.5	154	165
	INTERNAL YIELD PRESSURE (MPa)			58	84.4	84.4	94.9	100.2	116	116	131.8	131.8	147.6	158.2
	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	88	0.03774
	Wc	136.91	109.55	6.29	61	0.03742
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				