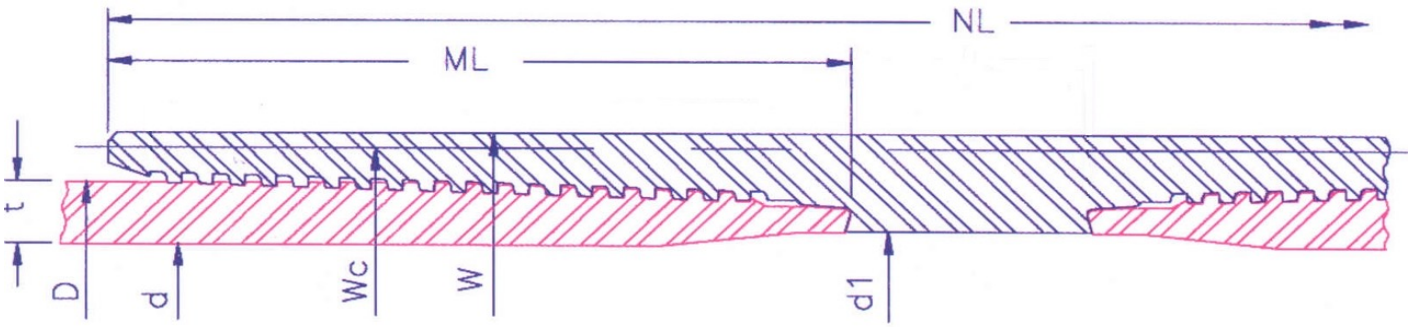
TECHNICAL INFORMATION

HSC High Sealed & Coupled

CASING

SIZE:	**127mm (5")**
NOMINAL WEIGHT:	**30.21 kg/m (20.30 lb/ft)**
WALL THICKNESS:	**10.36mm (0.408")**
THREADS PER INCH:	**5**



PIPE BODY	OUTSIDE DIA. (mm)	D	127	INSIDE DIA. (mm)		d	106.27	DRIFT DIA. (mm)		103.1	PLAIN END WT (kg/m)	29.78
	GRADE			55	N80	80	90	95	C110	110	C125	125	140	150
	COLLAPSE RESISTANCE (MPa)			56.8	82.7	82.7	93	98.2	113.7	113.7	127.9	127.9	140.1	148
	INTERNAL YIELD PRESSURE (MPa)			54.2	78.8	78.8	88.6	93.5	108.3	108.3	123.1	123.1	137.8	147.7
	BODY YIELD STRENGTH (kN)			1440	2095	2095	2356	2487	2880	2880	3273	3273	3665	3927
	ULTIMATE STRENGTH (kN)			2487	2618	2487	2618	2749	3011	3273	3404	3535	3927	4189
	YIELD TORQUE (N.m)			44880	65280	65280	73440	77520	89760	89760	102000	102000	114240	122400
MAKE UP	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR (N.m)	MINIMUM		8390	9270	9270	9720	9720	10130	10130	10620	10620	11050	11380
		OPTIMUM		9310	10290	10290	10790	10790	11250	11250	11800	11800	12270	12620
		MAXIMUM		10240	11310	11310	11860	11860	12380	12380	12980	12980	13490	13870
	SPECIAL CLEARANCE (N.m)	MINIMUM		8390	9270	9270	9720	9720	10130	10130	10620	10620	11050	11380
		OPTIMUM		9310	10290	10290	10790	10790	11250	11250	11800	11800	12270	12620
		MAXIMUM		10240	11310	11310	11860	11860	12380	12380	12980	12980	13490	13870
CONNECTION	COLLAPSE RESISTANCE (MPa)			56.8	82.7	82.7	93	98.2	113.7	113.7	127.9	127.9	140.1	148
	INTERNAL YIELD PRESSURE (MPa)			54.2	78.8	78.8	88.6	93.5	108.3	108.3	123.1	123.1	137.8	147.7
	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			2146	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	94	0.03553
	Wc	136.91	109.55	6.29	65	0.03522
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				