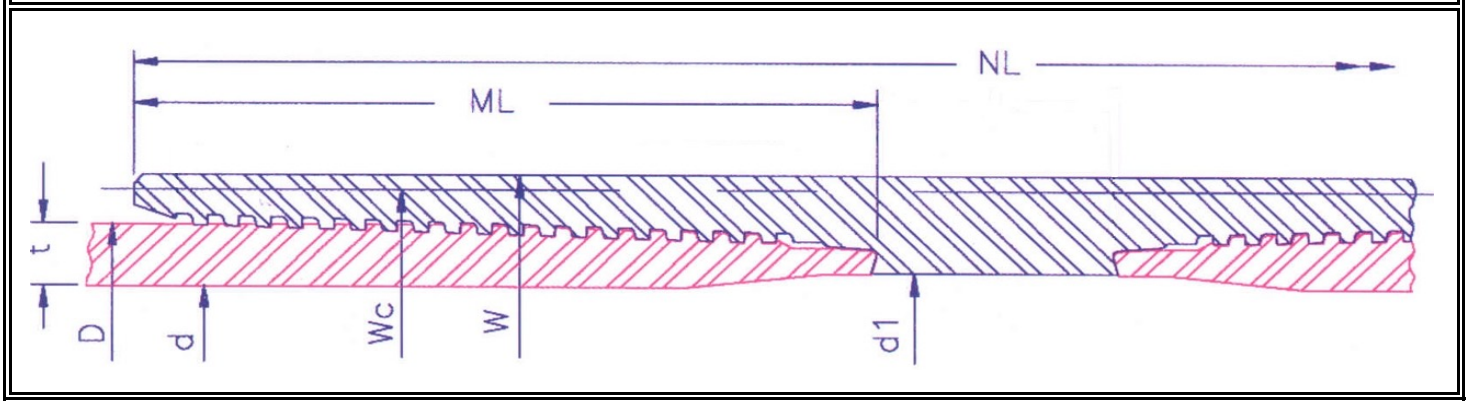
TECHNICAL INFORMATION

HSC High Sealed & Coupled

CASING

SIZE:	**219.08mm (8 5/8")**
NOMINAL WEIGHT:	**47.62 kg/m (32.00 lb/ft)**
WALL THICKNESS:	**8.94mm (0.352")**
THREADS PER INCH:	**5**



PIPE BODY	OUTSIDE DIA. (mm)	D	219.08	INSIDE DIA. (mm)		d	201.19	DRIFT DIA. (mm)		198.02	PLAIN END WT (kg/m)		46.28
	GRADE			55	N80	80	90	95	C110	110	C125	125	140	150
	COLLAPSE RESISTANCE (MPa)			17.5	21	21	22.1	22.6	23.6	23.6	23.9	23.9	23.9	23.9
	INTERNAL YIELD PRESSURE (MPa)			27.1	39.4	39.4	44.3	46.8	54.2	54.2	61.6	61.6	68.9	73.9
	BODY YIELD STRENGTH (kN)			2238	3256	3256	3663	3866	4476	4476	5087	5087	5697	6104
	ULTIMATE STRENGTH (kN)			3866	4070	3866	4070	4273	4680	5087	5290	5494	6104	6511
	YIELD TORQUE (N.m)			130470	189770	189770	213490	225350	260930	260930	296520	296520	332100	355820
MAKE UP	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR (N.m)	MINIMUM		10130	11470	11470	12410	12410	13350	13350	14170	14170	15050	15860
		OPTIMUM		11250	12740	12740	13760	13760	14710	14710	15660	15660	16680	17630
		MAXIMUM		12380	14020	14020	15120	15120	16070	16070	17150	17150	18300	19390
	SPECIAL CLEARANCE (N.m)	MINIMUM		10130	11470	11470	12410	12410	13350	13350	14170	14170	15050	15860
		OPTIMUM		11250	12740	12740	13760	13760	14710	14710	15660	15660	16680	17630
		MAXIMUM		12380	14020	14020	15120	15120	16070	16070	17150	17150	18300	19390
CONNECTION	COLLAPSE RESISTANCE (MPa)			17.5	21	21	22.1	22.6	23.6	23.6	23.9	23.9	23.9	23.9
	INTERNAL YIELD PRESSURE (MPa)			27.1	39.4	39.4	44.3	46.8	54.2	54.2	61.6	61.6	68.9	73.9
	MAXIMUM LOAD OF COUPLING FACE (kN)	REGULAR		2905	4225	4225	4754	5018	5810	5810	6602	6602	7394	7923
		S.C.		1071	1557	1557	1752	1849	2141	2141	2433	2433	2725	2920
				PARTING LOAD (kN)										
	REGULAR COUPLING			3070	3523	3400	3655	3845	4289	4536	4858	4981	5549	5928
	S.C. COUPLING			3070	3523	3400	3655	3845	4289	4536	4858	4981	5549	5928

		OUTSIDE DIA. (mm)	INSIDE DIA. (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (m^3)
COUPLING OUTSIDE DIAMETER	W	245.11	204.14	27.58	180	0.05693
	Wc	232.21	204.14	15.09	98	0.05534
COUPLING LENGTH (mm)	NL	329.44	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	140.84				