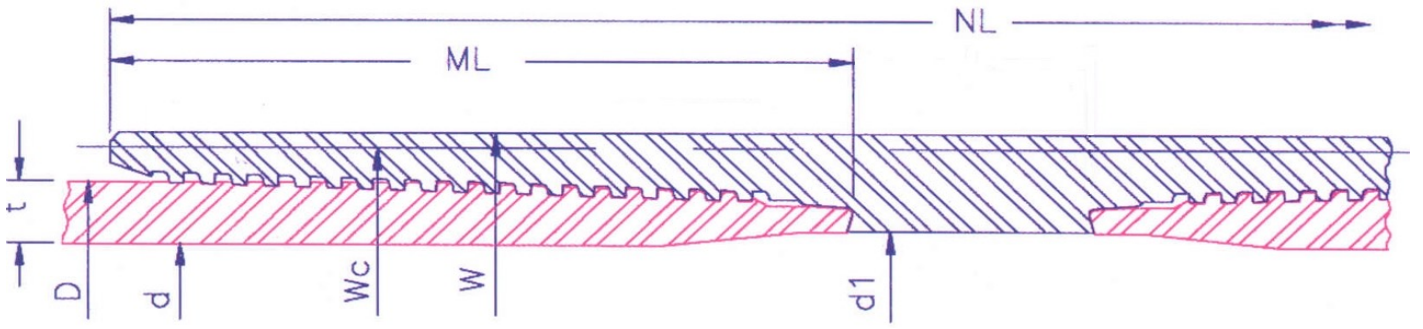
TECHNICAL INFORMATION

CASING

SIZE:	**193.68mm (7 5/8")**
NOMINAL WEIGHT:	**50.15 kg/m (33.70 lb/ft)**
WALL THICKNESS:	**10.92mm (0.430")**
THREADS PER INCH:	**5**



PIPE BODY	OUTSIDE DIA. (mm)	D	193.68	INSIDE DIA. (mm)		d	171.83	DRIFT DIA. (mm)	168.66	PLAIN END WT (kg/m)		49.17
	GRADE			55	N80	80	90	95	C110	110	C125	125	140	150
	COLLAPSE RESISTANCE (MPa)			35.1	45.2	45.2	48.6	50.2	54.3	54.3	57.5	57.5	59.9	61
	INTERNAL YIELD PRESSURE (MPa)			37.4	54.4	54.4	61.2	64.6	74.8	74.8	85.1	85.1	95.3	102.1
	BODY YIELD STRENGTH (kN)			2378	3459	3459	3891	4107	4756	4756	5404	5404	6053	6485
	ULTIMATE STRENGTH (kN)			4107	4324	4107	4324	4540	4972	5404	5621	5837	6485	6918
	YIELD TORQUE (N.m)			118800	172800	172800	194400	205200	237600	237600	270000	270000	302400	324000
MAKE UP	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR (N.m)	MINIMUM		12410	14170	14170	15050	15050	16410	16410	17220	17220	18570	19520
		OPTIMUM		13760	15660	15660	16680	16680	18170	18170	19120	19120	20610	21560
		MAXIMUM		15120	17150	17150	18300	18300	19930	19930	21020	21020	22640	23590
	SPECIAL CLEARANCE (N.m)	MINIMUM		12410	14170	14170	15050	15050	16410	16410	17220	17220	18570	19520
		OPTIMUM		13760	15660	15660	16680	16680	18170	18170	19120	19120	20610	21560
		MAXIMUM		15120	17150	17150	18300	18300	19930	19930	21020	21020	22640	23590
CONNECTION	COLLAPSE RESISTANCE (MPa)			35.1	45.2	45.2	48.6	50.2	54.3	54.3	57.5	57.5	59.9	61
	INTERNAL YIELD PRESSURE (MPa)			37.4	54.4	54.4	61.2	64.6	74.8	74.8	85.1	85.1	95.3	102.1
	MAXIMUM LOAD OF COUPLING FACE (kN)	REGULAR		2194	3191	3191	3590	3790	4388	4388	4986	4986	5585	5983
		S.C.		958	1393	1393	1567	1654	1915	1915	2176	2176	2437	2611
				PARTING LOAD (kN)										
	REGULAR COUPLING			3339	3789	3649	3913	4115	4581	4861	5186	5326	5932	6336
	S.C. COUPLING			3171	3338	3171	3338	3505	3839	4172	4339	4506	5007	5341

		OUTSIDE DIA. (mm)	INSIDE DIA. (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (m^3)
COUPLING OUTSIDE DIAMETER	W	216.61	176.25	21.67	133	0.05954
	Wc	206.81	176.25	13.43	81	0.05849
COUPLING LENGTH (mm)	NL	322.45	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	137.31				