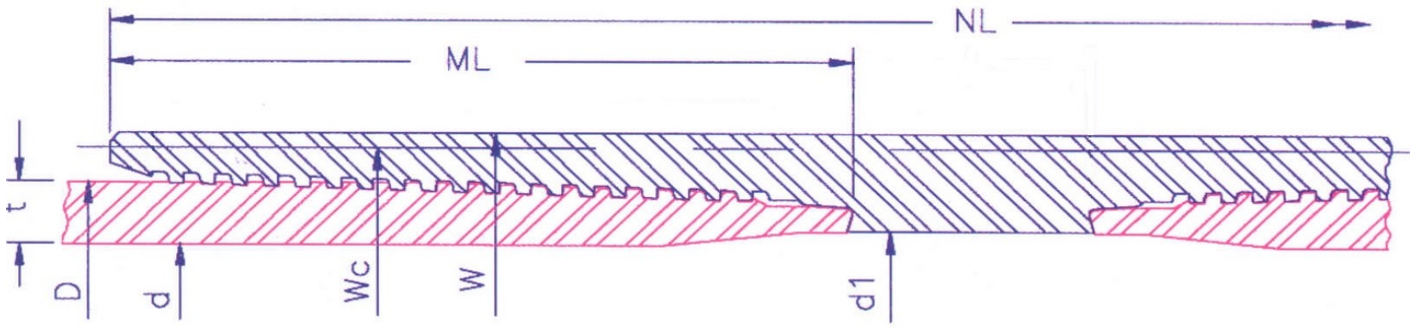
TECHNICAL INFORMATION

CASING

SIZE:	**193.68mm (7 5/8")**
NOMINAL WEIGHT:	**70.09 kg/m (47.10 lb/ft)**
WALL THICKNESS:	**15.88mm (0.625")**
THREADS PER INCH:	**5**



PIPE BODY	OUTSIDE DIA. (mm)	D	193.68	INSIDE DIA. (mm)		d	161.92	DRIFT DIA. (mm)	158.75	PLAIN END WT (kg/m)			69.53
	GRADE			55	N80	80	90	95	C110	110	C125	125	140	150
	COLLAPSE RESISTANCE (MPa)			57.1	83	83	93.4	98.6	114.1	114.1	128.9	128.9	141.3	149.2
	INTERNAL YIELD PRESSURE (MPa)			54.4	79.1	79.1	89	94	108.8	108.8	123.6	123.6	138.5	148.4
	BODY YIELD STRENGTH (kN)			3363	4891	4891	5502	5808	6725	6725	7642	7642	8559	9171
	ULTIMATE STRENGTH (kN)			5808	6114	5808	6114	6420	7031	7642	7948	8254	9171	9782
	YIELD TORQUE (N.m)			159710	232300	232300	261340	275860	319410	319410	362970	362970	406530	435570
MAKE UP	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR (N.m)	MINIMUM		15520	17220	17220	18570	18570	19520	19520	19520	19520	19520	19520
		OPTIMUM		17150	19120	19120	20610	20610	21560	21560	21560	21560	21560	21560
		MAXIMUM		18780	21020	21020	18360	18360	23590	23590	23590	23590	23590	23590
	SPECIAL CLEARANCE (N.m)	MINIMUM		15520	17220	17220	18570	18570	19520	19520	19520	19520	19520	19520
		OPTIMUM		17150	19120	19120	20610	20610	21560	21560	21560	21560	21560	21560
		MAXIMUM		18780	21020	21020	18360	18360	23590	23590	23590	23590	23590	23590
CONNECTION	COLLAPSE RESISTANCE (MPa)			57.1	83	83	93.4	98.6	114.1	114.1	128.9	128.9	141.3	149.2
	INTERNAL YIELD PRESSURE (MPa)			54.4	79.1	79.1	89	94	108.8	108.8	123.6	123.6	138.5	148.4
	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			4722	5358	5161	5474	5747	6295	6842	7116	7389	8210	8758
	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	94	0.08285
	Wc	206.81	176.25	13.43	57	0.08179
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				