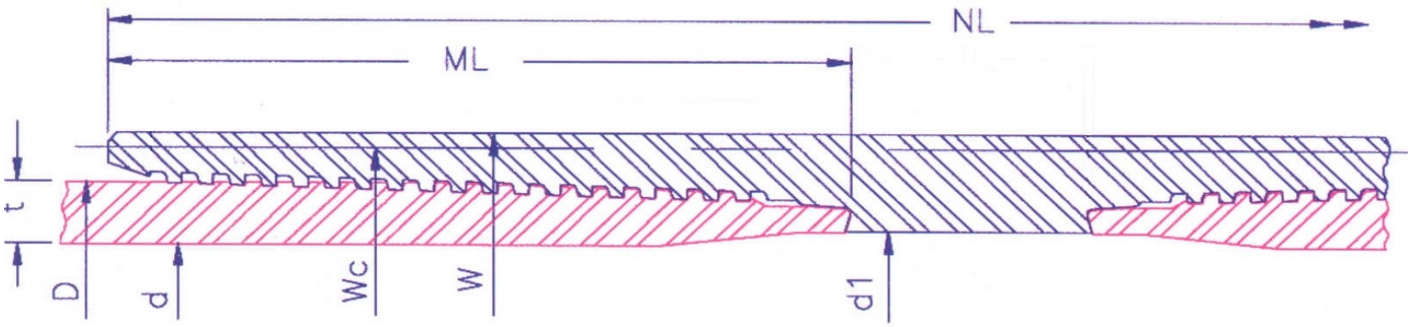
TECHNICAL INFORMATION

CASING

SIZE:	**177.80mm (7")**
NOMINAL WEIGHT:	**61.01 kg/m (41.00 lb/ft)**
WALL THICKNESS:	**14.99mm (0.590")**
THREADS PER INCH:	**5**



PIPE BODY	OUTSIDE DIA. (mm)	D	177.8	INSIDE DIA. (mm)		d	147.83	DRIFT DIA. (mm)		144.65	PLAIN END WT (kg/m)	60.11
	GRADE			55	N80	80	90	95	C110	110	C125	125	140	150
	COLLAPSE RESISTANCE (MPa)			58.5	85.1	85.1	95.8	101.1	117.1	117.1	133	133	148.7	157.2
	INTERNAL YIELD PRESSURE (MPa)			55.9	81.4	81.4	91.5	96.6	111.9	111.9	127.1	127.1	142.4	152.5
	BODY YIELD STRENGTH (kN)			2907	4228	4228	4757	5021	5814	5814	6606	6606	7399	7928
	ULTIMATE STRENGTH (kN)			5021	5285	5021	5285	5549	6078	6606	6871	7135	7928	8456
	YIELD TORQUE (N.m)			126160	183510	183510	206450	217920	252330	252330	286740	286740	321140	344080
MAKE UP	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR (N.m)	MINIMUM		12880	14170	14170	15050	15050	15860	15860	16880	16880	17690	18710
		OPTIMUM		14240	15660	15660	16680	16680	17630	17630	18640	18640	19590	20720
		MAXIMUM		15590	17150	17150	18300	18300	19390	19390	20410	20410	21490	22720
	SPECIAL CLEARANCE (N.m)	MINIMUM		12880	14170	14170	15050	15050	15860	15860	16880	16880	17690	18710
		OPTIMUM		14240	15660	15660	16680	16680	17630	17630	18640	18640	19590	20720
		MAXIMUM		15590	17150	17150	18300	18300	19390	19390	20410	20410	21490	22720
CONNECTION	COLLAPSE RESISTANCE (MPa)			58.5	85.1	85.1	95.8	101.1	117.1	117.1	133	133	148.7	157.2
	INTERNAL YIELD PRESSURE (MPa)			55.9	81.4	81.4	91.5	96.6	111.9	111.9	127.1	127.1	142.4	152.5
	MAXIMUM LOAD OF COUPLING FACE (kN)	REGULAR		1384	2013	2013	2264	2390	2767	2767	3145	3145	3522	3774
		S.C.		541	787	787	885	934	1082	1082	1229	1229	1377	1475
				PARTING LOAD (kN)										
	REGULAR COUPLING			3647	3839	3647	3839	4031	4415	4799	4991	5183	5759	6142
	S.C. COUPLING			2264	2383	2264	2383	2503	2741	2979	3098	3218	3575	3814

		OUTSIDE DIA. (mm)	INSIDE DIA. (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (m^3)
COUPLING OUTSIDE DIAMETER	W	195.10	161.04	14.98	76	0.07115
	Wc	187.71	161.04	9.52	47	0.07046
COUPLING LENGTH (mm)	NL	313.46	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	132.79				