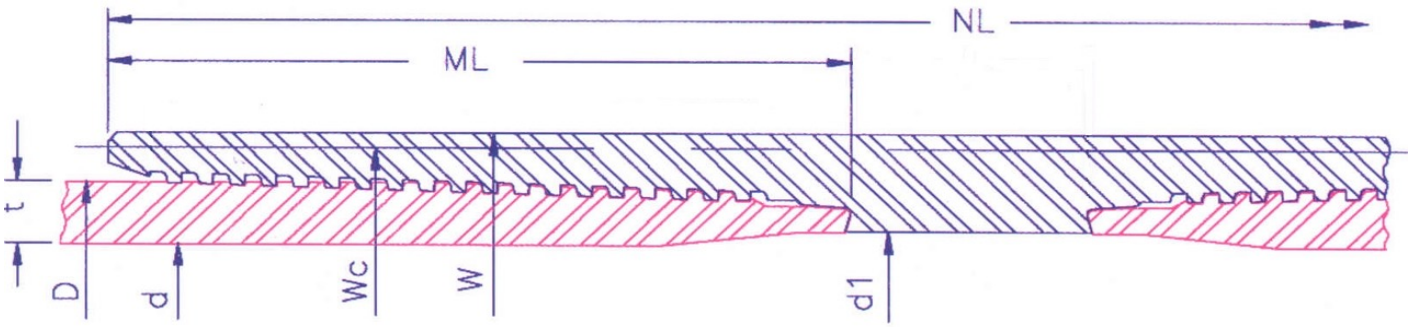
TECHNICAL INFORMATION

CASING

SIZE:	**139.70mm (5 1/2")**
NOMINAL WEIGHT:	**29.76 kg/m (20.00 lb/ft)**
WALL THICKNESS:	**9.17mm (0.361")**
THREADS PER INCH:	**5**



PIPE BODY	OUTSIDE DIA. (mm)	D	139.7	INSIDE DIA. (mm)		d	121.36	DRIFT DIA. (mm)		118.19	PLAIN END WT (kg/m)		29.48
	GRADE			55	N80	80	90	95	C110	110	C125	125	140	150
	COLLAPSE RESISTANCE (MPa)			45.6	60.9	60.9	66.4	69.1	76.6	76.6	83.3	83.3	89.3	92.9
	INTERNAL YIELD PRESSURE (MPa)			43.6	63.4	63.4	71.3	75.2	87.1	87.1	99	99	110.9	118.8
	BODY YIELD STRENGTH (kN)			1426	2074	2074	2333	2463	2852	2852	3241	3241	3630	3889
	ULTIMATE STRENGTH (kN)			2463	2593	2463	2593	2722	2981	3241	3370	3500	3889	4148
	YIELD TORQUE (N.m)			50450	73380	73380	82550	87140	100900	100900	114660	114660	128420	137590
MAKE UP	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR (N.m)	MINIMUM		7240	7950	7950	8300	8300	8750	8750	9270	9270	9720	9720
		OPTIMUM		8040	8830	8830	9220	9220	9710	9710	10290	10290	10790	10790
		MAXIMUM		8840	9710	9710	10140	10140	10670	10670	11310	11310	11860	11860
	SPECIAL CLEARANCE (N.m)	MINIMUM		7240	7950	7950	8300	8300	8750	8750	9270	9270	9720	9720
		OPTIMUM		8040	8830	8830	9220	9220	9710	9710	10290	10290	10790	10790
		MAXIMUM		8840	9710	9710	10140	10140	10670	10670	11310	11310	11860	11860
CONNECTION	COLLAPSE RESISTANCE (MPa)			45.6	60.9	60.9	66.4	69.1	76.6	76.6	83.3	83.3	89.3	92.9
	INTERNAL YIELD PRESSURE (MPa)			43.6	63.4	63.4	71.3	75.2	87.1	87.1	99	99	110.9	118.8
	MAXIMUM LOAD OF COUPLING FACE (kN)	REGULAR		853	1240	1240	1396	1473	1706	1706	1938	1938	2171	2326
		S.C.		428	622	622	700	738	855	855	972	972	1088	1166
				PARTING LOAD (kN)										
	REGULAR COUPLING			2102	2331	2236	2384	2506	2777	2967	3143	3238	3603	3847
	S.C. COUPLING			1707	1797	1707	1797	1886	2066	2246	2336	2425	2695	2875

		OUTSIDE DIA. (mm)	INSIDE DIA. (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (m^3)
COUPLING OUTSIDE DIAMETER	W	154.30	125.20	9.42	103	0.03526
	Wc	149.61	125.20	6.83	73	0.03493
COUPLING LENGTH (mm)	NL	294.64	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	123.19				