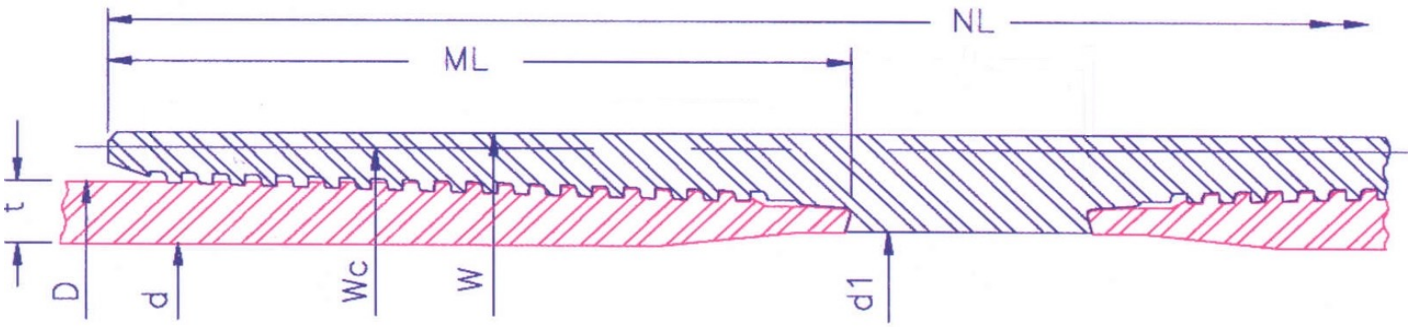
TECHNICAL INFORMATION

CASING

SIZE:	**139.70mm (5 1/2")**
NOMINAL WEIGHT:	**25.30 kg/m (17.00 lb/ft)**
WALL THICKNESS:	**7.72mm (0.304")**
THREADS PER INCH:	**5**



PIPE BODY	OUTSIDE DIA. (mm)	D	139.7	INSIDE DIA. (mm)		d	124.26	DRIFT DIA. (mm)		121.08	PLAIN END WT (kg/m)		25.11
	GRADE			55	N80	80	90	95	C110	110	C125	125	140	150
	COLLAPSE RESISTANCE (MPa)			33.9	43.3	43.3	46.5	47.9	51.6	51.6	54.4	54.4	56.3	57.1
	INTERNAL YIELD PRESSURE (MPa)			36.7	53.4	53.4	60	63.4	73.4	73.4	83.4	83.4	93.4	100
	BODY YIELD STRENGTH (kN)			1214	1766	1766	1987	2097	2428	2428	2759	2759	3090	3311
	ULTIMATE STRENGTH (kN)			2097	2207	2097	2207	2318	2538	2759	2870	2980	3311	3532
	YIELD TORQUE (N.m)			43850	63780	63780	71750	75740	87690	87690	99650	99650	111610	119580
MAKE UP	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR (N.m)	MINIMUM		6180	6710	6710	7080	7080	7430	7430	7780	7780	8120	8390
		OPTIMUM		6860	7460	7460	7850	7850	8240	8240	8640	8640	9020	9310
		MAXIMUM		7540	8200	8200	8620	8620	9060	9060	9490	9490	9910	10240
	SPECIAL CLEARANCE (N.m)	MINIMUM		6180	6710	6710	7080	7080	7430	7430	7780	7780	8120	8390
		OPTIMUM		6860	7460	7460	7850	7850	8240	8240	8640	8640	9020	9310
		MAXIMUM		7540	8200	8200	8620	8620	9060	9060	9490	9490	9910	10240
CONNECTION	COLLAPSE RESISTANCE (MPa)			33.9	43.3	43.3	46.5	47.9	51.6	51.6	54.4	54.4	56.3	57.1
	INTERNAL YIELD PRESSURE (MPa)			36.7	53.4	53.4	60	63.4	73.4	73.4	83.4	83.4	93.4	100
	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			1789	1985	1904	2030	2134	2364	2526	2676	2757	3068	3276
	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	125.98	9.36	121	0.03019
	Wc	149.61	125.98	6.77	86	0.02986
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				