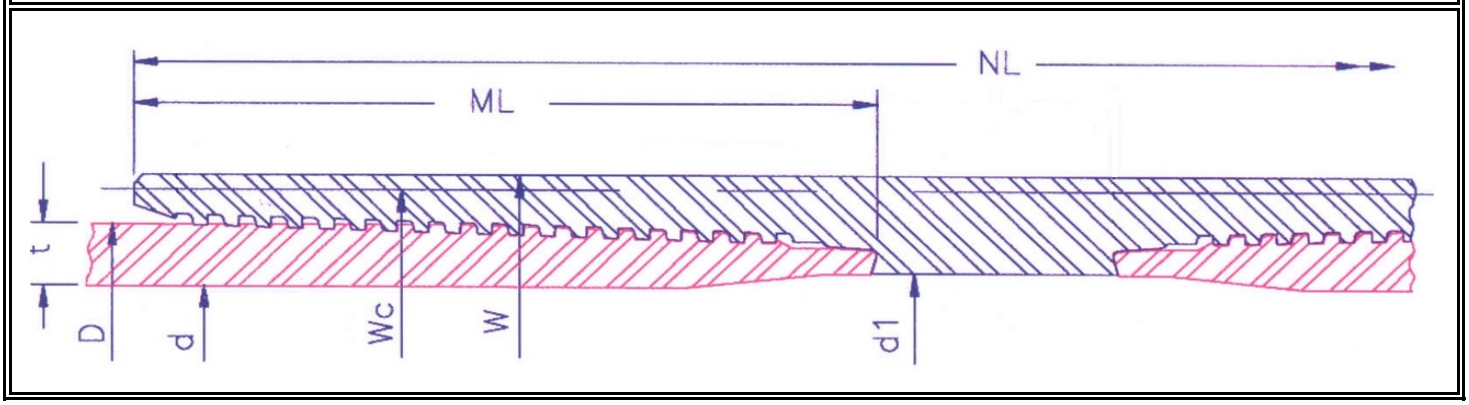
TECHNICAL INFORMATION

HSC High Sealed & Coupled

CASING

SIZE:	**219.08mm (8 5/8")**
NOMINAL WEIGHT:	**59.53 kg/m (40.00 lb/ft)**
WALL THICKNESS:	**11.43mm (0.450")**
THREADS PER INCH:	**5**



PIPE BODY	OUTSIDE DIA. (mm) D 219.08		INSIDE DIA. (mm) d 196.21			DRIFT DIA. (mm) 193.04			PLAIN END WT (kg/m) 58.47			
	GRADE		55	N80	80	90	95	C110	110	C125	125	140	150
	COLLAPSE RESISTANCE (MPa)		30.3	38.1	38.1	40.5	41.5	44.1	44.1	45.7	45.7	47	48.4
	INTERNAL YIELD PRESSURE (MPa)		34.6	50.4	50.4	56.7	59.8	69.2	69.2	78.7	78.7	88.1	94.4
	BODY YIELD STRENGTH (kN)		2827	4113	4113	4627	4884	5655	5655	6426	6426	7197	7711
	ULTIMATE STRENGTH (kN)		4884	5141	4884	5141	5398	5912	6426	6683	6940	7711	8225
	YIELD TORQUE (N.m)		161130	234370	234370	263670	278310	322260	322260	366200	366200	410150	439440
MAKE UP	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0												
	REGULAR (N.m)	MINIMUM	13350	15050	15050	16410	16410	17220	17220	18570	18570	19520	19520
		OPTIMUM	14710	16680	16680	18170	18170	19120	19120	20610	20610	21560	21560
		MAXIMUM	16070	18300	18300	19930	19930	21020	21020	22640	22640	23590	23590
	SPECIAL CLEARANCE (N.m)	MINIMUM	13350	15050	15050	16410	16410	17220	17220	18570	18570	19520	19520
		OPTIMUM	14710	16680	16680	18170	18170	19120	19120	20610	20610	21560	21560
		MAXIMUM	16070	18300	18300	19930	19930	21020	21020	22640	22640	23590	23590
CONNECTION	COLLAPSE RESISTANCE (MPa)		30.3	38.1	38.1	40.5	41.5	44.1	44.1	45.7	45.7	47	48.4
	INTERNAL YIELD PRESSURE (MPa)		34.6	50.4	50.4	56.7	59.8	69.2	69.2	78.7	78.7	88.1	94.4
	MAXIMUM LOAD OF COUPLING FACE (kN)	REGULAR	2905	4225	4225	4754	5018	5810	5810	6602	6602	7394	7923
		S.C.	1071	1557	1557	1752	1849	2141	2141	2433	2433	2725	2920
			PARTING LOAD (kN)										
	REGULAR COUPLING		3878	4451	4295	4618	4857	5419	5730	6136	6292	7010	7488
	S.C. COUPLING		3587	3776	3587	3776	3965	4342	4720	4909	5098	5664	6042

		OUTSIDE DIA. (mm)	INSIDE DIA. (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (m^3)
COUPLING OUTSIDE DIAMETER	W	245.11	202.74	27.76	142	0.07100
	Wc	232.21	202.74	15.26	77	0.06941
COUPLING LENGTH (mm)	NL	329.44	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	140.84				