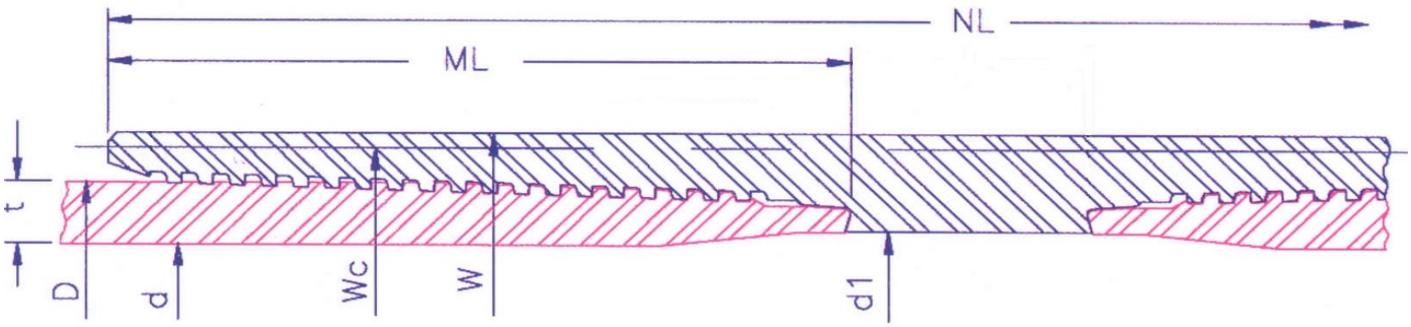
TECHNICAL INFORMATION

HSC High Sealed & Coupled

CASING

SIZE:	**177.80mm (7")**
NOMINAL WEIGHT:	**52.09 kg/m (35.00 lb/ft)**
WALL THICKNESS:	**12.65mm (0.498")**
THREADS PER INCH:	**5**



PIPE BODY	OUTSIDE DIA. (mm) D 177.8		INSIDE DIA. (mm) d 152.5			DRIFT DIA. (mm) 149.33			PLAIN END WT (kg/m) 51.46			
	GRADE		55	N80	80	90	95	C110	110	C125	125	140	150
	COLLAPSE RESISTANCE (MPa)		50.1	70.2	70.2	77	80.3	89.8	89.8	98.7	98.7	106.9	111.9
	INTERNAL YIELD PRESSURE (MPa)		47.2	68.7	68.7	77.3	81.5	94.4	94.4	107.3	107.3	120.2	128.8
	BODY YIELD STRENGTH (kN)		2489	3620	3620	4072	4299	4977	4977	5656	5656	6335	6787
	ULTIMATE STRENGTH (kN)		4299	4525	4299	4525	4751	5204	5656	5882	6109	6787	7240
	YIELD TORQUE (N.m)		110850	161240	161240	181400	191480	221710	221710	251940	251940	282180	302330
MAKE UP	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0												
	REGULAR (N.m)	MINIMUM	11470	12880	12880	13690	13690	14710	14710	15520	15520	16410	16880
		OPTIMUM	12740	14240	14240	15190	15190	16200	16200	17150	17150	18170	18640
		MAXIMUM	14020	15590	15590	16680	16680	17690	17690	18780	18780	19930	20410
	SPECIAL CLEARANCE (N.m)	MINIMUM	11470	12880	12880	13690	13690	14710	14710	15520	15520	16410	16880
		OPTIMUM	12740	14240	14240	15190	15190	16200	16200	17150	17150	18170	18640
		MAXIMUM	14020	15590	15590	16680	16680	17690	17690	18780	18780	19930	20410
CONNECTION	COLLAPSE RESISTANCE (MPa)		50.1	70.2	70.2	77	80.3	89.8	89.8	98.7	98.7	106.9	111.9
	INTERNAL YIELD PRESSURE (MPa)		47.2	68.7	68.7	77.3	81.5	94.4	94.4	107.3	107.3	120.2	128.8
	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		3546	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	89	0.06128
	Wc	187.71	161.04	9.52	55	0.06058
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				