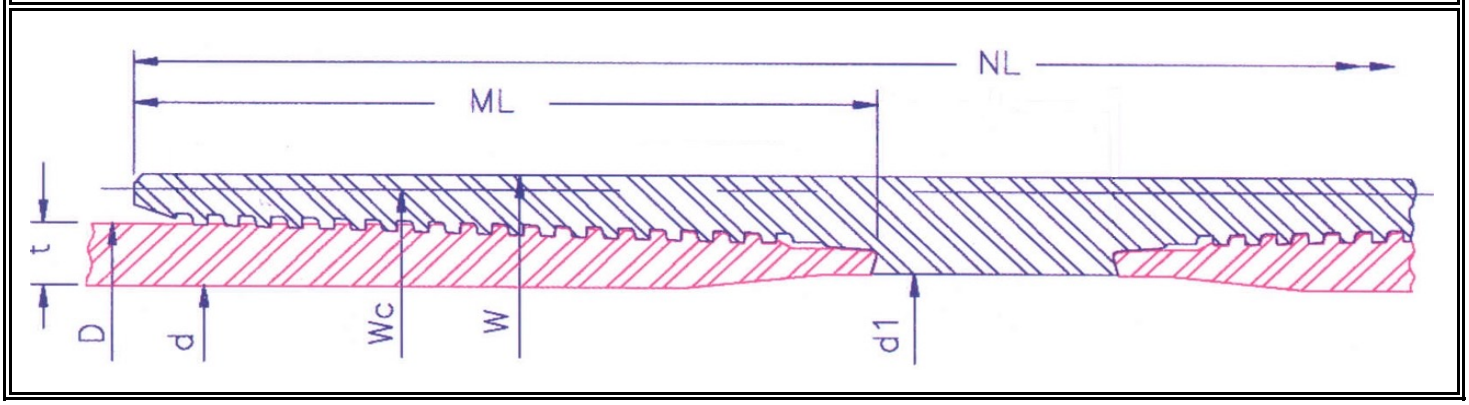
TECHNICAL INFORMATION

HSC High Sealed & Coupled

CASING

SIZE:	**273.05mm (10 3/4")**
NOMINAL WEIGHT:	**67.71 kg/m (45.50 lb/ft)**
WALL THICKNESS:	**10.16mm (0.400")**
THREADS PER INCH:	**5**



PIPE BODY

OUTSIDE DIA. (mm)	**D**	273.05	**INSIDE DIA. (mm)**		**d**	252.73	**DRIFT DIA. (mm)**	248.77	**PLAIN END WT (kg/m)**			65.81
GRADE			**55**	**N80**	**80**	**90**	**95**	**C110**	**110**	**C125**	**125**	**140**	**150**
COLLAPSE RESISTANCE (MPa)			14.4	17	17	17.6	17.8	18	18	18	18	18	18
INTERNAL YIELD PRESSURE (MPa)			24.7	35.9	35.9	40.4	42.7	49.4	49.4	56.1	56.1	62.9	67.3
BODY YIELD STRENGTH (kN)			3182	4628	4628	5207	5496	6364	6364	7232	7232	8100	8678
ULTIMATE STRENGTH (kN)			5496	5785	5496	5785	6075	6653	7232	7521	7810	8678	9257
YIELD TORQUE (N.m)			232840	338680	338680	381020	402180	465690	465690	529190	529190	592690	635030

MAKE UP

RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0												
REGULAR (N.m)	**MINIMUM**	14170	17220	17220	18570	18570	19520	19520	19520	19520	19520	19520
	OPTIMUM	15660	19120	19120	20610	20610	21560	21560	21560	21560	21560	21560
	MAXIMUM	17150	21020	21020	22640	22640	23590	23590	23590	23590	23590	23590
SPECIAL CLEARANCE (N.m)	**MINIMUM**	14170	17220	17220	18570	18570	19520	19520	19520	19520	19520	19520
	OPTIMUM	15660	19120	19120	20610	20610	21560	21560	21560	21560	21560	21560
	MAXIMUM	17150	21020	21020	22640	22640	23590	23590	23590	23590	23590	23590

CONNECTION

COLLAPSE RESISTANCE (MPa)		14.4	17	17	17.6	17.8	18	18	18	18	18
INTERNAL YIELD PRESSURE (MPa)		24.7	35.9	35.9	40.4	42.7	49.4	49.4	56.1	56.1	62.9	67.3
MAXIMUM LOAD OF COUPLING FACE (kN)	**REGULAR**	3559	5177	5177	5824	6148	7119	7119	8090	8090	9060	9707
	S.C.	1328	1932	1932	2173	2294	2656	2656	3018	3018	3381	3622
		PARTING LOAD (kN)										
REGULAR COUPLING		4143	4878	4728	5112	5379	6031	6331	6833	6983	7785	8320
S.C. COUPLING		4143	4714	4479	4714	4950	5422	5893	6129	6365	7072	7543

		OUTSIDE DIA. (mm)	**INSIDE DIA. (mm)**	**WEIGHT (kg)**	**JOINT EFFICIENCY (%)**	**30' JOINT MUD DISPLACEMENT (m^3)**
COUPLING OUTSIDE DIAMETER	**W**	299.01	256.79	34.55	156	0.08034
	Wc	286.21	256.79	19.21	86	0.07839
COUPLING LENGTH (mm)	**NL**	332.49	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**	141.96				