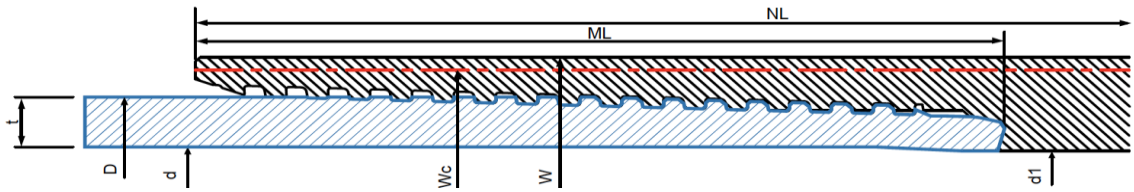
TECHNICAL INFORMATION

HSC MAX

SIZE:	5 1/2"
WEIGHT:	14.00 lb/ft
WALL THICKNESS:	0.244"
DRIFT (API):	4.887"
THREADS/INCH (TPI) :	5



OUTSIDE DIA. (in): 5.500 **INSIDE DIA. (in):** 5.012 **Plain End Weight:** 13.71 lb/ft **Min. Wall Thickness:** 87.5%

	MATERIAL YIELD STRENGTH (ksi)	80	90	95	110	125
PIPE BODY	MINIMUM YIELD STRENGTH (ksi)	80	90	95	110	125
	MAXIMUM YIELD STRENGTH (ksi)	95	105	110	140	150
	MINIMUM ULTIMATE TENSILE STRENGTH (ksi)	95	100	105	125	135
	PIPE BODY YIELD STRENGTH (klb)	322	363	383	443	504
	INTERNAL YIELD PRESSURE (psi)	6210	6990	7380	8540	9700
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	4.029	4.029	4.029	4.029	4.029
	COLLAPSE PRESSURE (psi)	3620	3860	3970	4230	4400

	PREMIUM THREADED & COUPLED CONNECTION					
CONNECTION	NOMINAL CONNECTION OD (in)	5.876	5.876	5.876	5.876	5.876
	NOMINAL CONNECTION ID (in)	4.931	4.931	4.931	4.931	4.931
	MAKE-UP LOSS (in)	4.382	4.382	4.382	4.382	4.382
	COUPLING LENGTH (in)	10.750	10.750	10.750	10.750	10.750
	EFFICENCY					
	TENSION EFFICENCY (% pipe body)	100	100	100	100	100
	COMPRESSION EFFICENCY (% pipe body)	60	60	60	60	60
	INTERNAL PRESSURE (% pipe body)	100	100	100	100	100
	EXTERNAL PRESSURE (% pipe body)	100	100	100	100	100
	MAXIMUM LOAD COUPLING FACE (klb)	131	147	156	180	205

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	322	363	383	443	504
		COMPRESSION (klb)	193	218	230	266	302
	RESISTANCE	INTERNAL PRESSURE (psi)	6210	6990	7380	8540	9700
		EXTERNAL PRESSURE (psi)	3620	3860	3970	4230	4400
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	53	60	63	73	83

	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0						
MAKE UP	REGULAR	MINIMUM (ft.lb)	4040	4560	4560	5080	5670
		OPTIMUM (ft.lb)	4480	5060	5060	5640	6290
		MAXIMUM (ft.lb)	4920	5560	5560	6200	6910
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	230	260	260	290	320
		MAXIMUM (ft.lb)	3130	3540	3540	3940	4400
	DELTA TURN (turns)	MINIMUM	0.010	0.010	0.010	0.010	0.010
		MAXIMUM	0.100	0.100	0.100	0.100	0.100