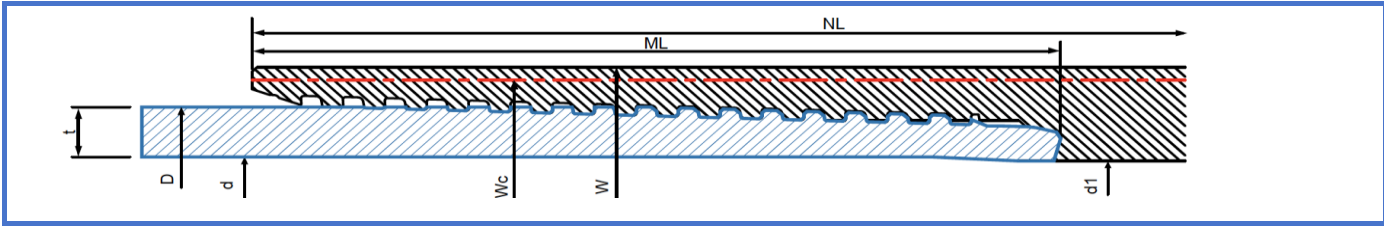


# TECHNICAL INFORMATION

# HSC MAX



SIZE:	5 1/2"
WEIGHT:	17.00 lb/ft
WALL THICKNESS:	0.304"
DRIFT (API):	4.767"
THREADS/INCH (TPI) :	5



OUTSIDE DIA. (in): 5.500    INSIDE DIA. (in): 4.892    Plain End Weight: 16.89 lb/ft    Min. Wall Thickness: 87.5%

MATERIAL YIELD STRENGTH (ksi)		80	90	95	110	125	140
PIPE BODY	MINIMUM YIELD STRENGTH (ksi)	80	90	95	110	125	140
	MAXIMUM YIELD STRENGTH (ksi)	95	105	110	140	150	165
	MINIMUM ULTIMATE TENSILE STRENGTH (ksi)	95	100	105	125	135	150
	PIPE BODY YIELD STRENGTH (klb)	397	447	471	546	620	695
	INTERNAL YIELD PRESSURE (psi)	7740	8710	9190	10640	12090	13540
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	4.962	4.962	4.962	4.962	4.962	4.962
	COLLAPSE PRESSURE (psi)	6290	6740	6940	7480	7890	11340

PREMIUM THREADED & COUPLED CONNECTION		80	90	95	110	125	140	
CONNECTION	NOMINAL CONNECTION OD (in)	5.979	5.979	5.979	5.979	5.979	5.979	
	NOMINAL CONNECTION ID (in)	4.895	4.895	4.895	4.895	4.895	4.895	
	MAKE-UP LOSS (in)	4.382	4.382	4.382	4.382	4.382	4.382	
	COUPLING LENGTH (in)	10.750	10.750	10.750	10.750	10.750	10.750	
	EFFICIENCY							
	TENSION EFFICIENCY (% pipe body)	100	100	100	100	100	100	
	COMPRESSION EFFICIENCY (% pipe body)	60	60	60	60	60	60	
	INTERNAL PRESSURE (% pipe body)	100	100	100	100	100	100	
	EXTERNAL PRESSURE (% pipe body)	100	100	100	100	100	100	
	MAXIMUM LOAD COUPLING FACE (klb)	192	216	228	264	300	335	

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	397	447	471	546	620	695
		COMPRESSION (klb)	238	268	283	327	372	417
	RESISTANCE	INTERNAL PRESSURE (psi)	7740	8710	9190	10640	12090	13540
		EXTERNAL PRESSURE (psi)	6290	6740	6940	7480	7890	11340
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	53	60	63	73	83	93

RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0		80	90	95	110	125	140
REGULAR	MINIMUM (ft.lb)	4880	5540	5540	6190	6840	7470
	OPTIMUM (ft.lb)	5420	6150	6150	6870	7590	8300
	MAXIMUM (ft.lb)	5960	6760	6760	7550	8340	9130
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	280	310	310	350	380	420
	MAXIMUM (ft.lb)	3790	4300	4300	4800	5310	5810
DELTA TURN (turns)	MINIMUM	0.010	0.010	0.010	0.010	0.010	0.010
	MAXIMUM	0.100	0.100	0.100	0.100	0.100	0.100

The above information is for reference only, and is subject to change or modification without notice. Please contact HSC for the latest information.