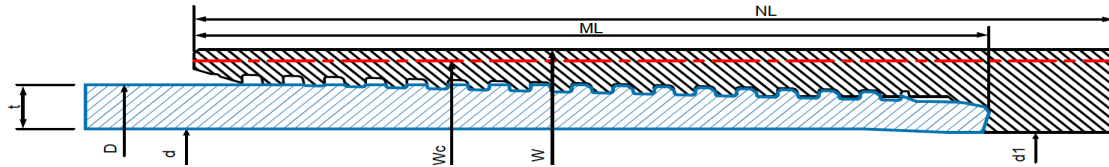


TECHNICAL INFORMATION



HSC MAX®

SIZE:	5 1/2"
WEIGHT:	23.00 lb/ft
WALL THICKNESS:	0.415"
DRIFT (API):	4.545"
THREADS/INCH (TPI) :	5



OUTSIDE DIA.(in): 5.500 INSIDE DIA.(in): 4.670 Plain End Weight: 22.56 lb/ft Min. Wall Thickness: 87.5%

MATERIAL YIELD STRENGTH (ksi)		80	N80	90	95	110	C110	125
PIPE BODY	MINIMUM YIELD STRENGTH (ksi)	80	80	90	95	110	110	125
	MAXIMUM YIELD STRENGTH (ksi)	95	110	105	110	140	120	150
	MINIMUM ULTIMATE TENSILE STRENGTH (ksi)	95	100	100	105	125	115	135
	PIPE BODY YIELD STRENGTH (klb)	530	530	597	630	729	729	829
	INTERNAL YIELD PRESSURE (psi)	10560	10560	11880	12540	14530	14530	16510
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	6.630	6.630	6.630	6.630	6.630	6.630	6.630
	COLLAPSE PRESSURE (psi)	11160	11160	12380	12940	14550	14550	16070

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	6.156	6.156	6.156	6.156	6.156	6.156	6.156
	NOMINAL CONNECTION ID (in)	4.607	4.607	4.607	4.607	4.607	4.607	4.607
	MAKE-UP LOSS (in)	4.382	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	10.750
	EFFICIENCY							
	TENSION EFFICIENCY (% pipe body)	100	100	100	100	100	100	100
	COMPRESSION EFFICIENCY (% pipe body)	100	100	100	100	100	100	100
	INTERNAL PRESSURE (% pipe body)	100	100	100	100	100	100	100
	EXTERNAL PRESSURE (% pipe body)	100	100	100	100	100	100	100
	MAXIMUM LOAD COUPLING FACE (klb)	300	300	338	357	413	413	469

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	530	530	597	630	729	729	829
		COMPRESSION WITH SEALABILITY (klb)	530	530	597	630	729	729	829
	RESISTANCE	INTERNAL PRESSURE (psi)	10560	10560	11880	12540	14530	14530	16510
		EXTERNAL PRESSURE (psi)	11160	11160	12380	12940	14550	14550	16070
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	67	67	75	79	92	92	104
		WITH SEALABILITY (degree/100ft)	20	20	20	20	20	20	20

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
	REGULAR	MINIMUM (ft.lb)	9850	9850	11100	11100	12450	12450	13700
		OPTIMUM (ft.lb)	10850	10850	12300	12300	13750	13750	15200
		MAXIMUM (ft.lb)	11850	11850	13500	13500	15050	15050	16700
	SHOULDERING TORQUE (ft.lb)	MINIMUM (ft.lb)	550	550	620	620	690	690	760
		MAXIMUM (ft.lb)	7590	7590	8610	8610	9620	9620	10640
	DELTA TURN (turns)	MINIMUM	0.010	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	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.