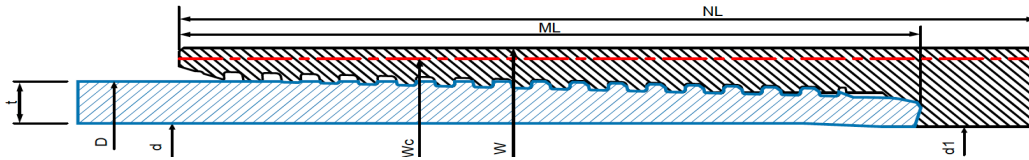


TECHNICAL INFORMATION



HSC MAX®

SIZE:	5 1/2"
WEIGHT:	20.00 lb/ft
WALL THICKNESS:	0.361"
DRIFT (API):	4.653"
THREADS/INCH (TPI) :	5



OUTSIDE DIA.(in): 5.500 INSIDE DIA.(in): 4.778 Plain End Weight: 19.83 lb/ft Min. Wall Thickness: 87.5%

MATERIAL YIELD STRENGTH (ksi)		80	N80	90	95	110	C110	125	140
PIPE BODY	MINIMUM YIELD STRENGTH (ksi)	80	80	90	95	110	110	125	140
	MAXIMUM YIELD STRENGTH (ksi)	95	110	105	110	140	120	150	165
	MINIMUM ULTIMATE TENSILE STRENGTH (ksi)	95	100	100	105	125	115	135	150
	PIPE BODY YIELD STRENGTH (klb)	466	466	525	554	641	641	729	816
	INTERNAL YIELD PRESSURE (psi)	9190	9190	10340	10910	12640	12640	14360	16080
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	5.828	5.828	5.828	5.828	5.828	5.828	5.828	5.828
	COLLAPSE PRESSURE (psi)	8830	8830	9630	10010	11100	11100	12080	15460

PREMIUM THREADED & COUPLED CONNECTION		80	N80	90	95	110	C110	125	140
CONNECTION	NOMINAL CONNECTION OD (in)	6.071	6.071	6.071	6.071	6.071	6.071	6.071	6.071
	NOMINAL CONNECTION ID (in)	4.715	4.715	4.715	4.715	4.715	4.715	4.715	4.715
	MAKE-UP LOSS (in)	4.382	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	10.750
	EFFICIENCY								
	TENSION EFFICIENCY (% pipe body)	100	100	100	100	100	100	100	100
	COMPRESSION EFFICIENCY (% pipe body)	100	100	100	100	100	100	100	100
	INTERNAL PRESSURE (% pipe body)	100	100	100	100	100	100	100	100
	EXTERNAL PRESSURE (% pipe body)	100	100	100	100	100	100	100	100
	MAXIMUM LOAD COUPLING FACE (klb)	248	248	279	295	341	341	388	434

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	466	466	525	554	641	641	729	816
		COMPRESSION WITH SEALABILITY (klb)	466	466	525	554	641	641	729	816
	RESISTANCE	INTERNAL PRESSURE (psi)	9190	9190	10340	10910	12640	12640	14360	16080
		EXTERNAL PRESSURE (psi)	8830	8830	9630	10010	11100	11100	12080	15460
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	67	67	75	79	92	92	104	117
		WITH SEALABILITY (degree/100ft)	20	20	20	20	20	20	20	20

RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0		80	N80	90	95	110	C110	125	140
REGULAR	MINIMUM (ft.lb)	7830	7830	8780	8780	9850	9850	10850	11700
	OPTIMUM (ft.lb)	8700	8700	9750	9750	10850	10850	11950	13000
	MAXIMUM (ft.lb)	9570	9570	10720	10720	11850	11850	13050	14300
SHOULDERING TORQUE (ft.lb)	MINIMUM (ft.lb)	440	440	490	490	550	550	600	650
	MAXIMUM (ft.lb)	6090	6090	6820	6820	7590	7590	8360	9100
DELTA TURN (turns)	MINIMUM	0.010	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	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.