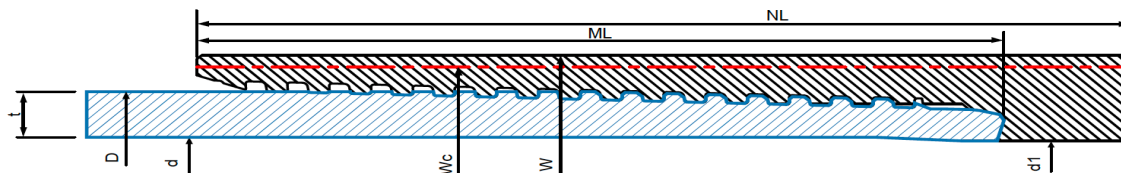


TECHNICAL INFORMATION



HSC MAX[®]

SIZE:	5"
WEIGHT:	23.20 lb/ft
WALL THICKNESS:	0.478"
DRIFT (API):	3.919"
THREADS/INCH (TPI) :	5



OUTSIDE DIA.(in): 5.000 INSIDE DIA.(in): 4.044 Plain End Weight: 23.11 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)	543	543	611	645	747	747	849
	INTERNAL YIELD PRESSURE (psi)	13380	13380	15060	15890	18400	18400	20910
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	6.791	6.791	6.791	6.791	6.791	6.791	6.791
	COLLAPSE PRESSURE (psi)	13830	13830	15560	16430	19020	19020	21620

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	5.751	5.751	5.751	5.751	5.751	5.751	5.751
	NOMINAL CONNECTION ID (in)	3.981	3.981	3.981	3.981	3.981	3.981	3.981
	MAKE-UP LOSS (in)	4.190	4.190	4.190	4.190	4.190	4.190	4.190
	COUPLING LENGTH (in)	10.390	10.390	10.390	10.390	10.390	10.390	10.390
	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)	329	329	370	390	452	452	514

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	543	543	611	645	747	747	849
		COMPRESSION WITH SEALABILITY (klb)	543	543	611	645	747	747	849
	RESISTANCE	INTERNAL PRESSURE (psi)	13380	13380	15060	15890	18400	18400	20910
		EXTERNAL PRESSURE (psi)	13830	13830	15560	16430	19020	19020	21620
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	73	73	83	87	101	101	115
		WITH SEALABILITY (degree/100ft)	20	20	20	20	20	20	20

RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
REGULAR	MINIMUM (ft.lb)	10850	10850	12100	12100	13450	13450	14400
	OPTIMUM (ft.lb)	11950	11950	13400	13400	14850	14850	15900
	MAXIMUM (ft.lb)	13050	13050	14700	14700	16250	16250	17400
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	600	600	670	670	750	750	800
	MAXIMUM (ft.lb)	8360	8360	9380	9380	10390	10390	11130
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.