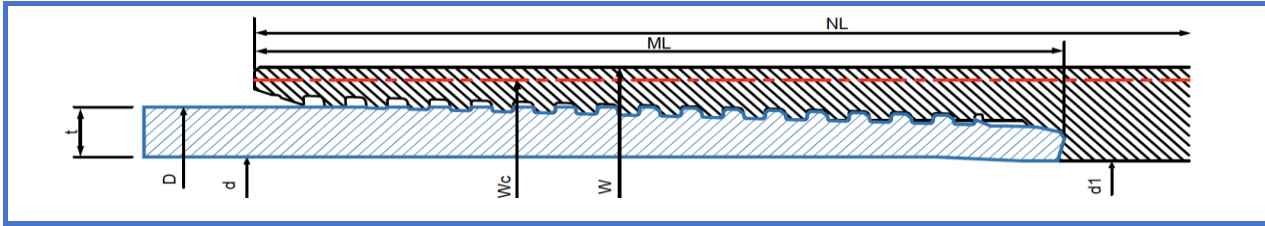


TECHNICAL INFORMATION

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%
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		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)			543	611	645	747	849
	INTERNAL YIELD PRESSURE (psi)			13380	15060	15890	18400	20910
	NOMINAL CROSS -SECTIONAL AREA (sq-in)			6.791	6.791	6.791	6.791	6.791
	COLLAPSE PRESSURE (psi)			13830	15560	16430	19020	21620

		PREMIUM THREADED & COUPLED CONNECTION				
CONNECTION	NOMINAL CONNECTION OD (in)	5.751	5.751	5.751	5.751	5.751
	NOMINAL CONNECTION ID (in)	4.181	4.181	4.181	4.181	4.181
	MAKE-UP LOSS (in)	4.19	4.190	4.190	4.190	4.190
	COUPLING LENGTH (in)	10.39	10.390	10.390	10.390	10.390
	EFFICIENCY					
	TENSION EFFICIENCY (% pipe body)	100	100	100	100	100
	COMPRESSION EFFICIENCY (% 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)	329	370	390	452	514

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	543	611	645	747	849
		COMPRESSION (klb)	326	367	387	448	509
	RESISTANCE	INTERNAL PRESSURE (psi)	13380	15060	15890	18400	20910
		EXTERNAL PRESSURE (psi)	13830	15560	16430	19020	21620
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	59	66	70	81	92

		RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0					
MAKE UP	REGULAR	MINIMUM (ft.lb)	8780	9500	9500	10850	12100
		OPTIMUM (ft.lb)	9750	10500	10500	11950	13400
		MAXIMUM (ft.lb)	10720	11500	11500	13050	14700
SHOULDERING TORQUE (ft.lb)	MINIMUM (ft.lb)	490	530	530	600	670	
	MAXIMUM (ft.lb)	6820	7350	7350	8360	9380	
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	

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