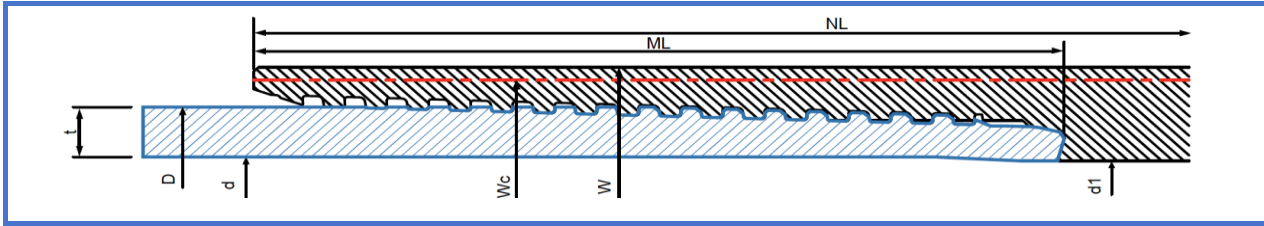


TECHNICAL INFORMATION

HSC MAX



SIZE:	5"
WEIGHT:	20.30 lb/ft
WALL THICKNESS:	0.408"
DRIFT (API):	4.059"
THREADS/INCH (TPI) :	5



OUTSIDE DIA. (in):	5.000	INSIDE DIA. (in):	4.184	Plain End Weight:	20.03 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)			471	530	559	647	736
	INTERNAL YIELD PRESSURE (psi)			11420	12850	13570	15710	17850
	NOMINAL CROSS -SECTIONAL AREA (sq-in)			5.886	5.886	5.886	5.886	5.886
	COLLAPSE PRESSURE (psi)			11990	13490	14240	16490	18550

		PREMIUM THREADED & COUPLED CONNECTION				
CONNECTION	NOMINAL CONNECTION OD (in)	5.648	5.648	5.648	5.648	5.648
	NOMINAL CONNECTION ID (in)	4.307	4.307	4.307	4.307	4.307
	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)	270	304	321	372	422

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	471	530	559	647	736
		COMPRESSION (klb)	283	318	336	388	441
	RESISTANCE	INTERNAL PRESSURE (psi)	11420	12850	13570	15710	17850
		EXTERNAL PRESSURE (psi)	11990	13490	14240	16490	18550
	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)	6510	7170	7170	8150	8780
		OPTIMUM (ft.lb)	7230	7960	7960	9050	9750
		MAXIMUM (ft.lb)	7950	8750	8750	9950	10720
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	370	400	400	460	490	
	MAXIMUM (ft.lb)	5060	5570	5570	6330	6820	
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.