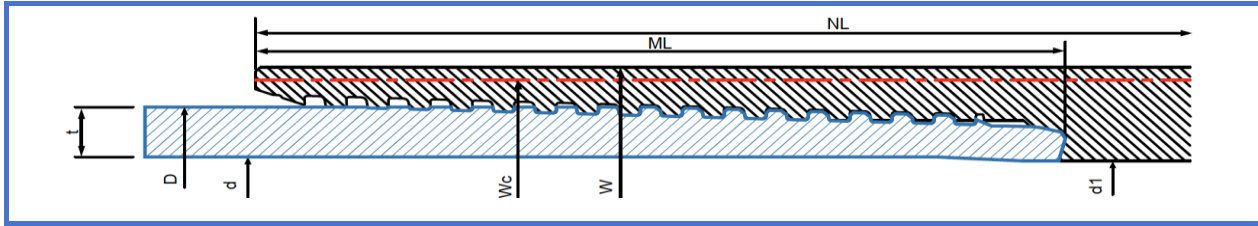


TECHNICAL INFORMATION

HSC MAX



SIZE:	5"
WEIGHT:	21.40 lb/ft
WALL THICKNESS:	0.437"
DRIFT (API):	4.001"
THREADS/INCH (TPI) :	5



OUTSIDE DIA. (in):	5.000	INSIDE DIA. (in):	4.126	Plain End Weight:	21.32 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)			501	564	595	689	783
	INTERNAL YIELD PRESSURE (psi)			12240	13770	14530	16820	19120
	NOMINAL CROSS -SECTIONAL AREA (sq-in)			6.264	6.264	6.264	6.264	6.264
	COLLAPSE PRESSURE (psi)			12760	14360	15150	17550	19940

		PREMIUM THREADED & COUPLED CONNECTION				
CONNECTION	NOMINAL CONNECTION OD (in)	5.691	5.691	5.691	5.691	5.691
	NOMINAL CONNECTION ID (in)	4.255	4.255	4.255	4.255	4.255
	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)	295	332	350	405	461

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	501	564	595	689	783
		COMPRESSION (klb)	301	338	357	413	470
	RESISTANCE	INTERNAL PRESSURE (psi)	12240	13770	14530	16820	19120
		EXTERNAL PRESSURE (psi)	12760	14360	15150	17550	19940
	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)	7470	8460	8460	9150	9850
		OPTIMUM (ft.lb)	8300	9400	9400	10150	10850
		MAXIMUM (ft.lb)	9130	10340	10340	11150	11850
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	420	470	470	510	550
		MAXIMUM (ft.lb)	5810	6580	6580	7100	7590
	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.