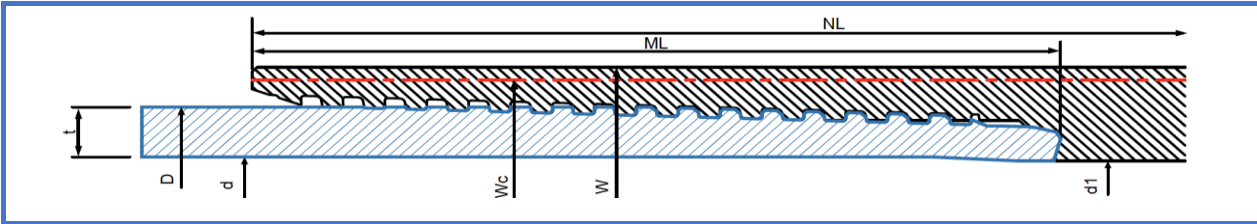


# TECHNICAL INFORMATION

# HSC MAX



SIZE:	5"
WEIGHT:	18.00 lb/ft
WALL THICKNESS:	0.362"
DRIFT (API):	4.151"
THREADS/INCH (TPI) :	5



OUTSIDE DIA. (in):	5.000	INSIDE DIA. (in):	4.276	Plain End Weight:	17.95 lb/ft	Min. Wall Thickness:	87.5%
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		MATERIAL YIELD STRENGTH (ksi)		90	95	110	125	140
PIPE BODY	MINIMUM YIELD STRENGTH (ksi)			90	95	110	125	140
	MAXIMUM YIELD STRENGTH (ksi)			105	110	140	150	165
	MINIMUM ULTIMATE TENSILE STRENGTH (ksi)			100	105	125	135	150
	PIPE BODY YIELD STRENGTH (klb)			475	501	580	659	739
	INTERNAL YIELD PRESSURE (psi)			11400	12040	13940	15840	17740
	NOMINAL CROSS -SECTIONAL AREA (sq-in)			5.275	5.275	5.275	5.275	5.275
	COLLAPSE PRESSURE (psi)			11520	12030	13470	14820	18000

		PREMIUM THREADED & COUPLED CONNECTION				
CONNECTION	NOMINAL CONNECTION OD (in)	5.577	5.577	5.577	5.577	5.577
	NOMINAL CONNECTION ID (in)	4.391	4.391	4.391	4.391	4.391
	MAKE-UP LOSS (in)	4.190	4.190	4.190	4.190	4.190
	COUPLING LENGTH (in)	10.390	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)	259	273	317	360	403

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	475	501	580	659	739
		COMPRESSION (klb)	285	301	348	396	443
	RESISTANCE	INTERNAL PRESSURE (psi)	11400	12040	13940	15840	17740
		EXTERNAL PRESSURE (psi)	11520	12030	13470	14820	18000
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	66	70	81	92	103

		RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0					
MAKE UP	REGULAR	MINIMUM (ft.lb)	5540	5540	6190	6840	7170
		OPTIMUM (ft.lb)	6150	6150	6870	7590	7960
		MAXIMUM (ft.lb)	6760	6760	7550	8340	8750
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	310	310	350	380	400	
	MAXIMUM (ft.lb)	4300	4300	4800	5310	5570	
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.