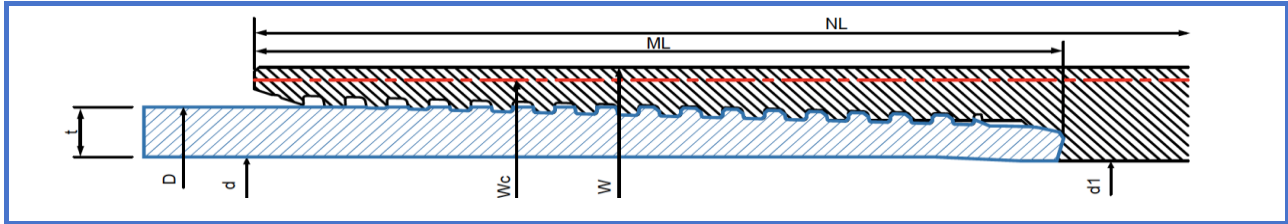


TECHNICAL INFORMATION

HSC MAX



SIZE:	5 1/2"
WEIGHT:	26.80 lb/ft
WALL THICKNESS:	0.500"
DRIFT (API):	4.375"
THREADS/INCH (TPI) :	5



OUTSIDE DIA. (in): 5.500 INSIDE DIA. (in): 4.548 Plain End Weight: 25.56 lb/ft Min. Wall Thickness: 87.5%

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)	628	707	746	864	982
	INTERNAL YIELD PRESSURE (psi)	12730	14320	15110	17500	19890
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	7.854	7.854	7.854	7.854	7.854
	COLLAPSE PRESSURE (psi)	13220	14880	15700	18180	20660

PREMIUM THREADED & COUPLED CONNECTION							
CONNECTION	NOMINAL CONNECTION OD (in)	6.284	6.284	6.284	6.284	6.284	
	NOMINAL CONNECTION ID (in)	4.647	4.647	4.647	4.647	4.647	
	MAKE-UP LOSS (in)	4.382	4.382	4.382	4.382	4.382	
	COUPLING LENGTH (in)	10.750	10.750	10.750	10.750	10.750	
	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)	380	427	451	522	593	

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	628	707	746	864	982
		COMPRESSION (klb)	377	424	448	518	589
	RESISTANCE	INTERNAL PRESSURE (psi)	12730	14320	15110	17500	19890
		EXTERNAL PRESSURE (psi)	13220	14880	15700	18180	20660
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	53	60	63	73	83

RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0							
MAKE UP	REGULAR	MINIMUM (ft.lb)	11000	12400	12400	13700	15200
		OPTIMUM (ft.lb)	12200	13700	13700	15200	16800
		MAXIMUM (ft.lb)	13400	15000	15000	16700	18400
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	610	690	690	760	840
		MAXIMUM (ft.lb)	8540	9590	9590	10640	11760
	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.