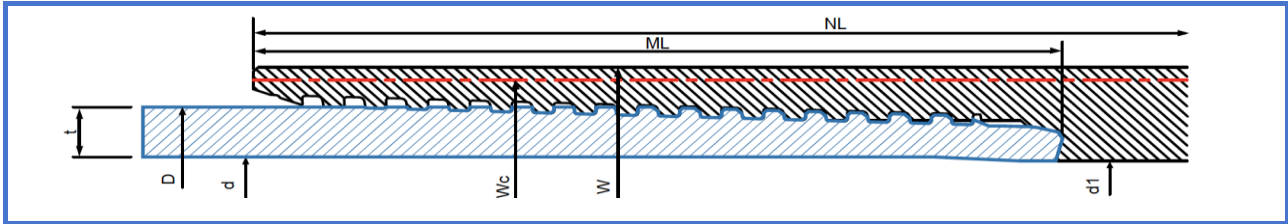


TECHNICAL INFORMATION

HSC MAX



SIZE:	5 1/2"
WEIGHT:	29.70 lb/ft
WALL THICKNESS:	0.562"
DRIFT (API):	4.251"
THREADS/INCH (TPI) :	5



OUTSIDE DIA. (in): 5.500 INSIDE DIA. (in): 4.376 Plain End Weight: 29.67 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)	697	785	828	959	1090
	INTERNAL YIELD PRESSURE (psi)	14310	16090	16990	19670	22350
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	8.718	8.718	8.718	8.718	8.718
	COLLAPSE PRESSURE (psi)	14680	16510	17430	20180	22940

PREMIUM THREADED & COUPLED CONNECTION		80	90	95	110	125	
CONNECTION	NOMINAL CONNECTION OD (in)	6.373	6.373	6.373	6.373	6.373	
	NOMINAL CONNECTION ID (in)	4.535	4.535	4.535	4.535	4.535	
	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)	436	491	518	600	682	

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	697	785	828	959	1090
		COMPRESSION (klb)	418	471	497	575	654
	RESISTANCE	INTERNAL PRESSURE (psi)	14310	16090	16990	19670	22350
		EXTERNAL PRESSURE (psi)	14680	16510	17430	20180	22940
	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		80	90	95	110	125	
MAKE UP	REGULAR	MINIMUM (ft.lb)	13500	15200	15200	16850	18600
		OPTIMUM (ft.lb)	14900	16800	16800	18650	20600
		MAXIMUM (ft.lb)	16300	18400	18400	20450	22600
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	750	840	840	940	1030	
	MAXIMUM (ft.lb)	10430	11760	11760	13050	14420	
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.