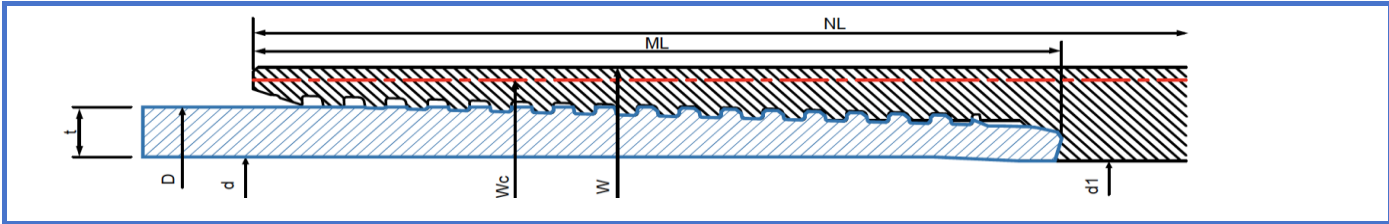


TECHNICAL INFORMATION

HSC MAX



SIZE:	5 1/2"
WEIGHT:	23.00 lb/ft
WALL THICKNESS:	0.415"
DRIFT (API):	4.545"
THREADS/INCH (TPI) :	5



OUTSIDE DIA. (in): 5.500 INSIDE DIA. (in): 4.670 Plain End Weight: 22.56 lb/ft Min. Wall Thickness: 87.5%

MATERIAL YIELD STRENGTH (ksi)		80	90	95	110	125	140
PIPE BODY	MINIMUM YIELD STRENGTH (ksi)	80	90	95	110	125	140
	MAXIMUM YIELD STRENGTH (ksi)	95	105	110	140	150	165
	MINIMUM ULTIMATE TENSILE STRENGTH (ksi)	95	100	105	125	135	150
	PIPE BODY YIELD STRENGTH (klb)	530	597	630	729	829	928
	INTERNAL YIELD PRESSURE (psi)	10560	11880	12540	14530	16510	18490
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	6.630	6.630	6.630	6.630	6.630	6.630
	COLLAPSE PRESSURE (psi)	11160	12380	12930	14540	16060	19160

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	6.156	6.156	6.156	6.156	6.156	6.156	
	NOMINAL CONNECTION ID (in)	4.801	4.801	4.801	4.801	4.801	4.801	
	MAKE-UP LOSS (in)	4.382	4.382	4.382	4.382	4.382	4.382	
	COUPLING LENGTH (in)	10.750	10.750	10.750	10.750	10.750	10.750	
	EFFICIENCY							
	TENSION EFFICIENCY (% pipe body)	100	100	100	100	100	100	
	COMPRESSION EFFICIENCY (% pipe body)	60	60	60	60	60	60	
	INTERNAL PRESSURE (% pipe body)	100	100	100	100	100	100	
	EXTERNAL PRESSURE (% pipe body)	100	100	100	100	100	100	
	MAXIMUM LOAD COUPLING FACE (klb)	300	338	357	413	469	525	

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	530	597	630	729	829	928
		COMPRESSION (klb)	318	358	378	438	497	557
	RESISTANCE	INTERNAL PRESSURE (psi)	10560	11880	12540	14530	16510	18490
		EXTERNAL PRESSURE (psi)	11160	12380	12930	14540	16060	19160
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	53	60	63	73	83	93

RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
MAKE UP	REGULAR	MINIMUM (ft.lb)	7470	8150	8150	9500	10100	11100
		OPTIMUM (ft.lb)	8300	9050	9050	10500	11200	12300
		MAXIMUM (ft.lb)	9130	9950	9950	11500	12300	13500
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	420	460	460	530	560	620	
	MAXIMUM (ft.lb)	5810	6330	6330	7350	7840	8610	
DELTA TURN (turns)	MINIMUM	0.010	0.010	0.010	0.010	0.010	0.010	
	MAXIMUM	0.100	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.