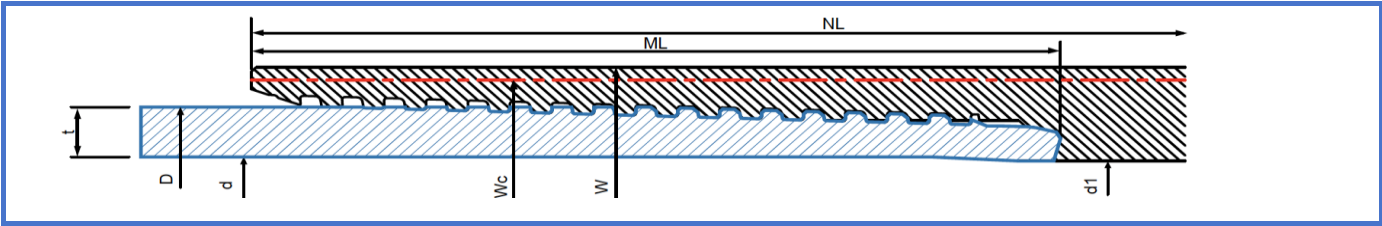


# TECHNICAL INFORMATION

# HSC MAX



SIZE:	5 1/2"
WEIGHT:	20.00 lb/ft
WALL THICKNESS:	0.361"
DRIFT (API):	4.653"
THREADS/INCH (TPI) :	5



OUTSIDE DIA. (in): 5.500    INSIDE DIA. (in): 4.778    Plain End Weight: 19.83 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)	466	525	554	641	729	816
	INTERNAL YIELD PRESSURE (psi)	9190	10340	10910	12640	14360	16080
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	5.828	5.828	5.828	5.828	5.828	5.828
	COLLAPSE PRESSURE (psi)	8830	9630	10020	11100	12080	15460

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	6.071	6.071	6.071	6.071	6.071	6.071	
	NOMINAL CONNECTION ID (in)	4.895	4.895	4.895	4.895	4.895	4.895	
	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)	248	279	295	341	388	434	

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	466	525	554	641	729	816
		COMPRESSION (klb)	280	315	332	385	437	490
	RESISTANCE	INTERNAL PRESSURE (psi)	9190	10340	10910	12640	14360	16080
		EXTERNAL PRESSURE (psi)	8830	9630	10020	11100	12080	15460
	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)	5860	6510	6510	6840	7470	8150
		OPTIMUM (ft.lb)	6510	7230	7230	7590	8300	9050
		MAXIMUM (ft.lb)	7160	7950	7950	8340	9130	9950
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	330	370	370	380	420	460
		MAXIMUM (ft.lb)	4550	5060	5060	5310	5810	6330
	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.