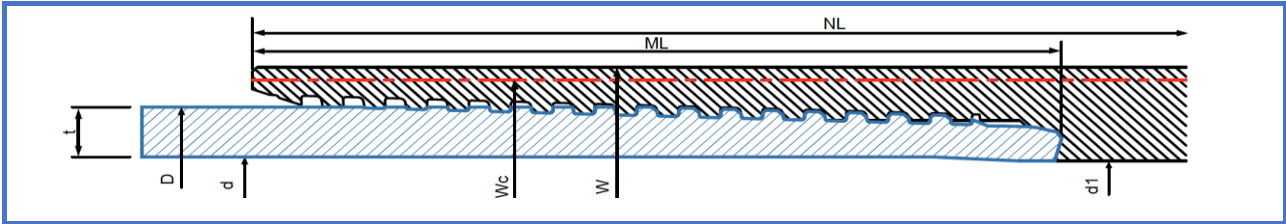


# TECHNICAL INFORMATION

# HSC MAX



SIZE:	5 1/2"
WEIGHT:	26.00 lb/ft
WALL THICKNESS:	0.476"
DRIFT (API):	4.423"
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)	601	676	714	826	939
	INTERNAL YIELD PRESSURE (psi)	12120	13630	14390	16660	18930
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	7.513	7.513	7.513	7.513	7.513
	COLLAPSE PRESSURE (psi)	12650	14230	15020	17390	19760

PREMIUM THREADED & COUPLED CONNECTION							
CONNECTION	NOMINAL CONNECTION OD (in)	6.249	6.249	6.249	6.249	6.249	
	NOMINAL CONNECTION ID (in)	4.690	4.690	4.690	4.690	4.690	
	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)	358	402	425	492	559	

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	601	676	714	826	939
		COMPRESSION (klb)	361	406	428	496	563
	RESISTANCE	INTERNAL PRESSURE (psi)	12120	13630	14390	16660	18930
		EXTERNAL PRESSURE (psi)	12650	14230	15020	17390	19760
	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)	9850	10850	10850	12450	13700
		OPTIMUM (ft.lb)	10850	11950	11950	13750	15200
		MAXIMUM (ft.lb)	11850	13050	13050	15050	16700
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	550	600	600	690	760
		MAXIMUM (ft.lb)	7590	8360	8360	9620	10640
	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.