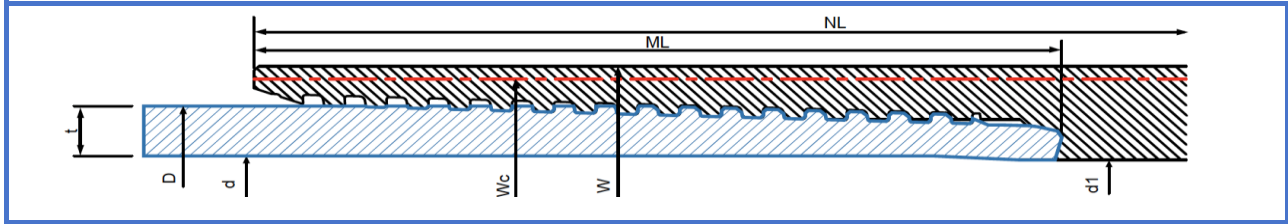


TECHNICAL INFORMATION

HSC MAX



SIZE:	5 3/4"
WEIGHT:	21.80 lb/ft
WALL THICKNESS:	0.375"
DRIFT (API):	4.875"
THREADS/INCH (TPI) :	5



OUTSIDE DIA. (in): 5.750 INSIDE DIA. (in): 5.000 Plain End Weight: 21.55 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)	507	570	602	697	792
	INTERNAL YIELD PRESSURE (psi)	9130	10270	10840	12550	14270
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	6.335	6.335	6.335	6.335	6.335
	COLLAPSE PRESSURE (psi)	8730	9520	9890	10960	11920

PREMIUM THREADED & COUPLED CONNECTION							
CONNECTION	NOMINAL CONNECTION OD (in)	6.382	6.382	6.382	6.382	6.382	
	NOMINAL CONNECTION ID (in)	5.090	5.090	5.090	5.090	5.090	
	MAKE-UP LOSS (in)	3.772	3.772	3.772	3.772	3.772	
	COUPLING LENGTH (in)	9.530	9.530	9.530	9.530	9.530	
	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)	298	335	353	409	465	

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	507	570	602	697	792
		COMPRESSION (klb)	304	342	361	418	475
	RESISTANCE	INTERNAL PRESSURE (psi)	9130	10270	10840	12550	14270
		EXTERNAL PRESSURE (psi)	8730	9520	9890	10960	11920
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	51	57	61	70	80

RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0							
MAKE UP	REGULAR	MINIMUM (ft.lb)	7630	8640	8640	9670	10750
		OPTIMUM (ft.lb)	8480	9610	9610	10750	11950
		MAXIMUM (ft.lb)	9320	10570	10570	11820	13140
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	430	490	490	540	600
		MAXIMUM (ft.lb)	5930	6720	6720	7520	8360
	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.