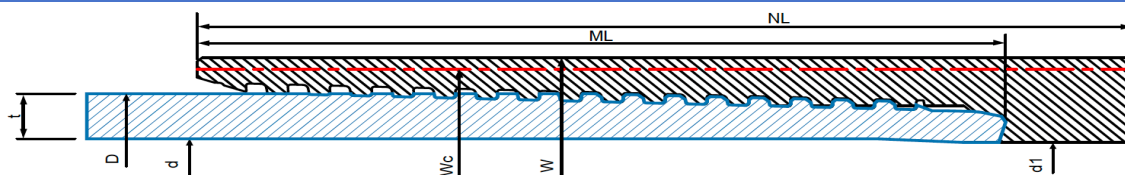


TECHNICAL INFORMATION



HSC MAX[®]

SIZE:	5 1/2"
WEIGHT:	28.40 lb/ft
WALL THICKNESS:	0.530"
DRIFT (API):	4.315"
THREADS/INCH (TPI) :	5



OUTSIDE DIA.(in): 5.500 INSIDE DIA.(in): 4.440 Plain End Weight: 28.16 lb/ft Min. Wall Thickness: 87.5%

MATERIAL		YIELD STRENGTH (ksi)	80	N80	90	95	110	C110	125
PIPE BODY	MINIMUM YIELD STRENGTH (ksi)		80	80	90	95	110	110	125
	MAXIMUM YIELD STRENGTH (ksi)		95	110	105	110	140	120	150
	MINIMUM ULTIMATE TENSILE STRENGTH (ksi)		95	100	100	105	125	115	135
	PIPE BODY YIELD STRENGTH (klb)		662	662	745	786	910	910	1034
	INTERNAL YIELD PRESSURE (psi)		13490	13490	15180	16020	18550	18550	21080
	NOMINAL CROSS -SECTIONAL AREA (sq-in)		8.275	8.275	8.275	8.275	8.275	8.275	8.275
	COLLAPSE PRESSURE (psi)		13930	13930	15670	16540	19150	19150	21760

PREMIUM THREADED & COUPLED CONNECTION									
CONNECTION	NOMINAL CONNECTION OD (in)		6.327	6.327	6.327	6.327	6.327	6.327	6.327
	NOMINAL CONNECTION ID (in)		4.385	4.385	4.385	4.385	4.385	4.385	4.385
	MAKE-UP LOSS (in)		4.382	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	10.750
	EFFICIENCY								
	TENSION EFFICIENCY (% pipe body)		100	100	100	100	100	100	100
	COMPRESSION EFFICIENCY (% pipe body)		100	100	100	100	100	100	100
	INTERNAL PRESSURE (% pipe body)		100	100	100	100	100	100	100
	EXTERNAL PRESSURE (% pipe body)		100	100	100	100	100	100	100
	MAXIMUM LOAD COUPLING FACE (klb)		408	408	459	484	560	560	637

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	662	662	745	786	910	910	1034
		COMPRESSION WITH SEALABILITY (klb)	662	662	745	786	910	910	1034
	RESISTANCE	INTERNAL PRESSURE (psi)	13490	13490	15180	16020	18550	18550	21080
		EXTERNAL PRESSURE (psi)	13930	13930	15670	16540	19150	19150	21760
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	67	67	75	79	92	92	104
		WITH SEALABILITY (degree/100ft)	20	20	20	20	20	20	20

RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0									
REGULAR	MINIMUM (ft.lb)		14050	14050	16000	16000	17650	17650	19600
	OPTIMUM (ft.lb)		15550	15550	17700	17700	19550	19550	21700
	MAXIMUM (ft.lb)		17050	17050	19400	19400	21450	21450	23800
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)		780	780	890	890	980	980	1090
	MAXIMUM (ft.lb)		10880	10880	12390	12390	13680	13680	15190
DELTA TURN (turns)	MINIMUM		0.010	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	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.