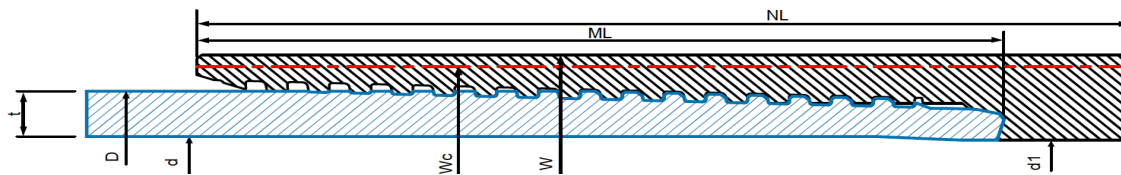


TECHNICAL INFORMATION



HSC MAX®

SIZE:	5"
WEIGHT:	21.40 lb/ft
WALL THICKNESS:	0.437"
DRIFT (API):	4.001"
THREADS/INCH (TPI) :	5



OUTSIDE DIA.(in): 5.000 INSIDE DIA.(in): 4.126 Plain End Weight: 21.32 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)	501	501	564	595	689	689	783
	INTERNAL YIELD PRESSURE (psi)	12240	12240	13770	14530	16820	16820	19120
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	6.264	6.264	6.264	6.264	6.264	6.264	6.264
	COLLAPSE PRESSURE (psi)	12760	12760	14360	15160	17550	17550	19940

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	5.691	5.691	5.691	5.691	5.691	5.691	5.691
	NOMINAL CONNECTION ID (in)	4.063	4.063	4.063	4.063	4.063	4.063	4.063
	MAKE-UP LOSS (in)	4.190	4.190	4.190	4.190	4.190	4.190	4.190
	COUPLING LENGTH (in)	10.390	10.390	10.390	10.390	10.390	10.390	10.390
	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)	295	295	332	350	405	405	461

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	501	501	564	595	689	689	783
		COMPRESSION WITH SEALABILITY (klb)	501	501	564	595	689	689	783
	RESISTANCE	INTERNAL PRESSURE (psi)	12240	12240	13770	14530	16820	16820	19120
		EXTERNAL PRESSURE (psi)	12760	12760	14360	15160	17550	17550	19940
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	73	73	83	87	101	101	115
		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)	9500	9500	10850	10850	11700	11700	13050
	OPTIMUM (ft.lb)	10500	10500	11950	11950	13000	13000	14450
	MAXIMUM (ft.lb)	11500	11500	13050	13050	14300	14300	15850
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	530	530	600	600	650	650	730
	MAXIMUM (ft.lb)	7350	7350	8360	8360	9100	9100	10110
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.