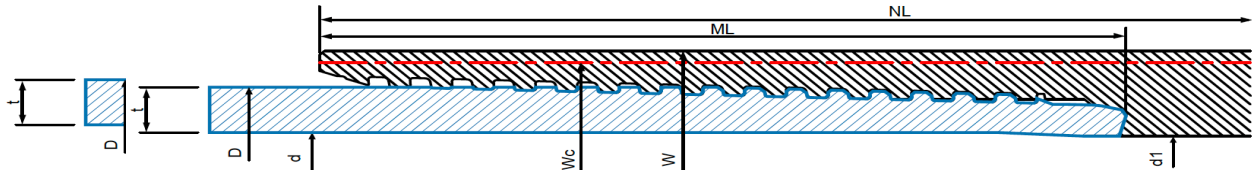


TECHNICAL INFORMATION



HSC MAX®

SIZE:	5"
WEIGHT:	18.00 lb/ft
WALL THICKNESS:	0.362"
DRIFT (API):	4.151"
THREADS/INCH (TPI) :	5



OUTSIDE DIA.(in): 5.000 INSIDE DIA.(in): 4.276 Plain End Weight: 17.95 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)	422	422	475	501	580	580	659
	INTERNAL YIELD PRESSURE (psi)	10140	10140	11400	12040	13940	13940	15840
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	5.275	5.275	5.275	5.275	5.275	5.275	5.275
	COLLAPSE PRESSURE (psi)	10500	10500	11530	12030	13480	13480	14830

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	5.577	5.577	5.577	5.577	5.577	5.577	5.577
	NOMINAL CONNECTION ID (in)	4.213	4.213	4.213	4.213	4.213	4.213	4.213
	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)	230	230	259	273	317	317	360

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	422	422	475	501	580	580	659
		COMPRESSION WITH SEALABILITY (klb)	422	422	475	501	580	580	659
	RESISTANCE	INTERNAL PRESSURE (psi)	10140	10140	11400	12040	13940	13940	15840
		EXTERNAL PRESSURE (psi)	10500	10500	11530	12030	13480	13480	14830
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	73	73	83	87	101	101	115
		WITH SEALABILITY (degree/100ft)	20	20	20	20	20	20	20

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
	REGULAR	MINIMUM (ft.lb)	7170	7170	7830	7830	8780	8780	9500
		OPTIMUM (ft.lb)	7960	7960	8700	8700	9750	9750	10500
		MAXIMUM (ft.lb)	8750	8750	9570	9570	10720	10720	11500
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	400	400	440	440	490	490	530
		MAXIMUM (ft.lb)	5570	5570	6090	6090	6820	6820	7350
	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.