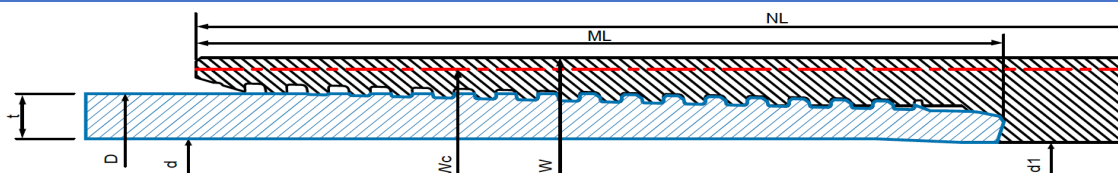


TECHNICAL INFORMATION



HSC MAX[®]

SIZE:	5 1/2"
WEIGHT:	26.80 lb/ft
WALL THICKNESS:	0.500"
DRIFT (API):	4.375"
THREADS/INCH (TPI) :	5



OUTSIDE DIA.(in): 5.500 INSIDE DIA.(in): 4.500 Plain End Weight: 26.72 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)	628	628	707	746	864	864	982
	INTERNAL YIELD PRESSURE (psi)	12730	12730	14320	15110	17500	17500	19890
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	7.854	7.854	7.854	7.854	7.854	7.854	7.854
	COLLAPSE PRESSURE (psi)	13220	13220	14880	15700	18180	18180	20660

PREMIUM THREADED & COUPLED CONNECTION		80	N80	90	95	110	C110	125
CONNECTION	NOMINAL CONNECTION OD (in)	6.284	6.284	6.284	6.284	6.284	6.284	6.284
	NOMINAL CONNECTION ID (in)	4.437	4.437	4.437	4.437	4.437	4.437	4.437
	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)	380	380	427	451	522	522	593

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	628	628	707	746	864	864	982
		COMPRESSION WITH SEALABILITY (klb)	628	628	707	746	864	864	982
	RESISTANCE	INTERNAL PRESSURE (psi)	12730	12730	14320	15110	17500	17500	19890
		EXTERNAL PRESSURE (psi)	13220	13220	14880	15700	18180	18180	20660
	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		80	N80	90	95	110	C110	125
REGULAR	MINIMUM (ft.lb)	13050	13050	14650	14650	16300	16300	18250
	OPTIMUM (ft.lb)	14450	14450	16250	16250	18100	18100	20250
	MAXIMUM (ft.lb)	15850	15850	17850	17850	19900	19900	22250
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft. lb)	730	730	820	820	910	910	1020
	MAXIMUM (ft. lb)	10110	10110	11370	11370	12670	12670	14170
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.