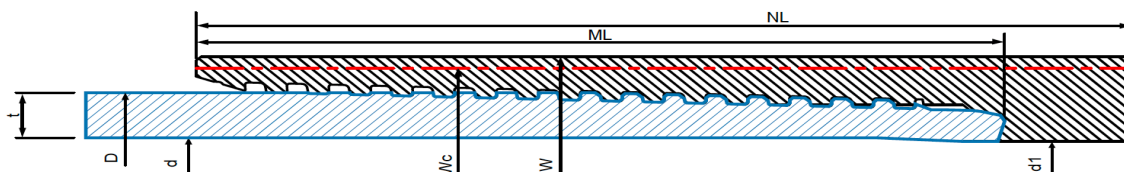


TECHNICAL INFORMATION



HSC MAX[®]

SIZE:	5 1/2"
WEIGHT:	26.00 lb/ft
WALL THICKNESS:	0.476"
DRIFT (API):	4.423"
THREADS/INCH (TPI) :	5



OUTSIDE DIA.(in): 5.500 INSIDE DIA.(in): 4.548 Plain End Weight: 25.56 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)	601	601	676	714	826	826	939
	INTERNAL YIELD PRESSURE (psi)	12120	12120	13630	14390	16660	16660	18930
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	7.513	7.513	7.513	7.513	7.513	7.513	7.513
	COLLAPSE PRESSURE (psi)	12650	12650	14240	15030	17400	17400	19770

PREMIUM THREADED & COUPLED CONNECTION		80	N80	90	95	110	C110	125
CONNECTION	NOMINAL CONNECTION OD (in)	6.249	6.249	6.249	6.249	6.249	6.249	6.249
	NOMINAL CONNECTION ID (in)	4.485	4.485	4.485	4.485	4.485	4.485	4.485
	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)	358	358	402	425	492	492	559

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	601	601	676	714	826	826	939
		COMPRESSION WITH SEALABILITY (klb)	601	601	676	714	826	826	939
	RESISTANCE	INTERNAL PRESSURE (psi)	12120	12120	13630	14390	16660	16660	18930
		EXTERNAL PRESSURE (psi)	12650	12650	14240	15030	17400	17400	19770
	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)	12100	12100	13700	13700	15050	15050	15650
	OPTIMUM (ft.lb)	13400	13400	15200	15200	16650	16650	17350
	MAXIMUM (ft.lb)	14700	14700	16700	16700	18250	18250	19050
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft. lb)	670	670	760	760	840	840	870
	MAXIMUM (ft. lb)	9380	9380	10640	10640	11650	11650	12140
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.