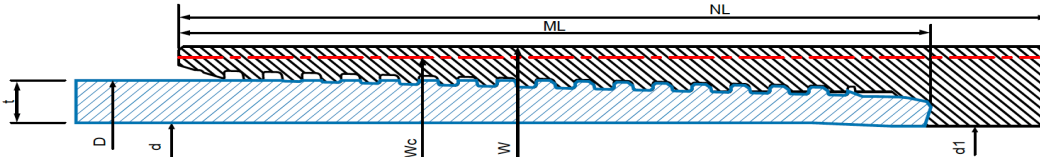


TECHNICAL INFORMATION



HSC MAX®

SIZE:	5"
WEIGHT:	15.00 lb/ft
WALL THICKNESS:	0.296"
DRIFT (API):	4.283"
THREADS/INCH (TPI) :	5



OUTSIDE DIA.(in): 5.000 INSIDE DIA.(in): 4.408 Plain End Weight: 14.88 lb/ft Min. Wall Thickness: 87.5%

MATERIAL YIELD STRENGTH (ksi)		80	N80	90	95	110	C110	125	140
PIPE BODY	MINIMUM YIELD STRENGTH (ksi)	80	80	90	95	110	110	125	140
	MAXIMUM YIELD STRENGTH (ksi)	95	110	105	110	140	120	150	165
	MINIMUM ULTIMATE TENSILE STRENGTH (ksi)	95	100	100	105	125	115	135	150
	PIPE BODY YIELD STRENGTH (klb)	350	350	394	416	481	481	547	612
	INTERNAL YIELD PRESSURE (psi)	8290	8290	9320	9840	11400	11400	12950	14500
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	4.374	4.374	4.374	4.374	4.374	4.374	4.374	4.374
	COLLAPSE PRESSURE (psi)	7250	7250	7830	8110	8860	8860	9480	13030

PREMIUM THREADED & COUPLED CONNECTION									
CONNECTION	NOMINAL CONNECTION OD (in)	5.471	5.471	5.471	5.471	5.471	5.471	5.471	5.471
	NOMINAL CONNECTION ID (in)	4.345	4.345	4.345	4.345	4.345	4.345	4.345	4.345
	MAKE-UP LOSS (in)	4.190	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	10.390
	EFFICIENCY								
	TENSION EFFICIENCY (% pipe body)	100	100	100	100	100	100	100	100
	COMPRESSION EFFICIENCY (% pipe body)	100	100	100	100	100	100	100	100
	INTERNAL PRESSURE (% pipe body)	100	100	100	100	100	100	100	100
	EXTERNAL PRESSURE (% pipe body)	100	100	100	100	100	100	100	100
	MAXIMUM LOAD COUPLING FACE (klb)	171	171	192	203	235	235	267	299

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	350	350	394	416	481	481	547	612
		COMPRESSION WITH SEALABILITY (klb)	350	350	394	416	481	481	547	612
	RESISTANCE	INTERNAL PRESSURE (psi)	8290	8290	9320	9840	11400	11400	12950	14500
		EXTERNAL PRESSURE (psi)	7250	7250	7830	8110	8860	8860	9480	13030
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	73	73	83	87	101	101	115	128
		WITH SEALABILITY (degree/100ft)	20	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)	4950	4950	5480	5480	6060	6060	6510	7170
		OPTIMUM (ft.lb)	5500	5500	6080	6080	6730	6730	7230	7960
		MAXIMUM (ft.lb)	6050	6050	6680	6680	7400	7400	7950	8750
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	280	280	310	310	340	340	370	400
		MAXIMUM (ft.lb)	3850	3850	4250	4250	4710	4710	5060	5570
	DELTA TURN (turns)	MINIMUM	0.010	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	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.