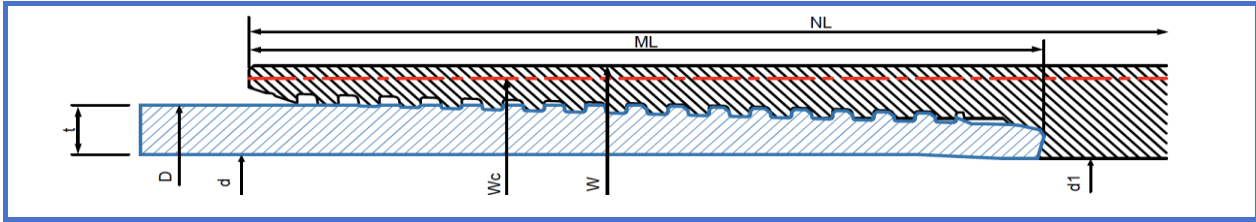


TECHNICAL INFORMATION

HSC MAX



SIZE:	4 1/2"
WEIGHT:	17.00 lb/ft
WALL THICKNESS:	0.380"
DRIFT (API):	3.615"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in): 4.500 INSIDE DIA. (in): 3.740 Plain End Weight: 16.74 lb/ft Min. Wall Thickness: 87.5%

		MATERIAL YIELD STRENGTH (ksi)	80	90	95	110	125
PIPE BODY	MINIMUM YIELD STRENGTH (ksi)		80	90	95	110	125
	MAXIMUM YIELD STRENGTH (ksi)		95	105	110	140	150
	MINIMUM ULTIMATE TENSILE STRENGTH (ksi)		95	100	105	125	135
	PIPE BODY YIELD STRENGTH (klb)		393	443	467	541	615
	INTERNAL YIELD PRESSURE (psi)		11820	13300	14040	16260	18470
	NOMINAL CROSS -SECTIONAL AREA (sq-in)		4.918	4.918	4.918	4.918	4.918
	COLLAPSE PRESSURE (psi)		12370	13920	14690	17010	19330

		PREMIUM THREADED & COUPLED CONNECTION					
CONNECTION	NOMINAL CONNECTION OD (in)		5.063	5.063	5.063	5.063	5.063
	NOMINAL CONNECTION ID (in)		3.680	3.680	3.680	3.680	3.680
	MAKE-UP LOSS (in)		4.041	4.041	4.041	4.041	4.041
	COUPLING LENGTH (in)		9.090	9.090	9.090	9.090	9.090
	EFFICIENCY						
	TENSION EFFICIENCY (% pipe body)		100	100	100	100	100
	COMPRESSION EFFICIENCY (% pipe body)		100	100	100	100	100
	INTERNAL PRESSURE (% pipe body)		100	100	100	100	100
	EXTERNAL PRESSURE (% pipe body)		100	100	100	100	100
	MAXIMUM LOAD COUPLING FACE (klb)		225	253	267	309	351

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	393	443	467	541	615
		COMPRESSION WITH SEALABILITY (klb)	393	443	467	541	615
	RESISTANCE	INTERNAL PRESSURE (psi)	11820	13300	14040	16260	18470
		EXTERNAL PRESSURE (psi)	12370	13920	14690	17010	19330
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	81	92	97	112	127
		WITH SEALABILITY(degree/100ft)	30	30	30	30	30

		RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0					
MAKE UP	REGULAR	MINIMUM (ft.lb)	6620	7140	7140	7650	8150
		OPTIMUM (ft.lb)	7350	7930	7930	8500	9050
		MAXIMUM (ft.lb)	8080	8720	8720	9350	9950
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	370	400	400	430	460
		MAXIMUM (ft.lb)	5140	5550	5550	5950	6330
	DELTA TURN (turns)	MINIMUM	0.010	0.010	0.010	0.010	0.010
MAXIMUM		0.100	0.100	0.100	0.100	0.100	