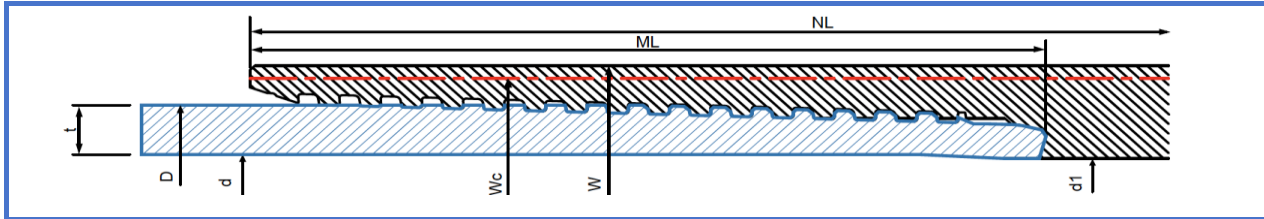


# TECHNICAL INFORMATION

# HSC MAX



SIZE:	4"
WEIGHT:	13.20 lb/ft
WALL THICKNESS:	0.330"
DRIFT (API):	3.215"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in):	4.000	INSIDE DIA. (in):	3.340	Plain End Weight:	12.95 lb/ft	Min. Wall Thickness:	87.5%
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		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)	304	342	361	419	476	
	INTERNAL YIELD PRESSURE (psi)	11550	12990	13720	15880	18050	
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	3.805	3.805	3.805	3.805	3.805	
	COLLAPSE PRESSURE (psi)	12110	13620	14380	16650	18910	

		PREMIUM THREADED & COUPLED CONNECTION				
CONNECTION	NOMINAL CONNECTION OD (in)	4.526	4.526	4.526	4.526	4.526
	NOMINAL CONNECTION ID (in)	3.327	3.327	3.327	3.327	3.327
	MAKE-UP LOSS (in)	3.159	3.159	3.159	3.159	3.159
	COUPLING LENGTH (in)	7.320	7.320	7.320	7.320	7.320
	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)	185	208	219	254	289

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	304	342	361	419	476
		COMPRESSION WITH SEALABILITY (klb)	304	342	361	419	476
	RESISTANCE	INTERNAL PRESSURE (psi)	11550	12990	13720	15880	18050
		EXTERNAL PRESSURE (psi)	12110	13620	14380	16650	18910
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	92	103	109	126	143
		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)	4730	4940	4940	5220	5550
		OPTIMUM (ft.lb)	5250	5480	5480	5790	6160
		MAXIMUM (ft.lb)	5770	6020	6020	6360	6770
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	270	280	280	290	310
		MAXIMUM (ft.lb)	3670	3830	3830	4050	4310
	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	