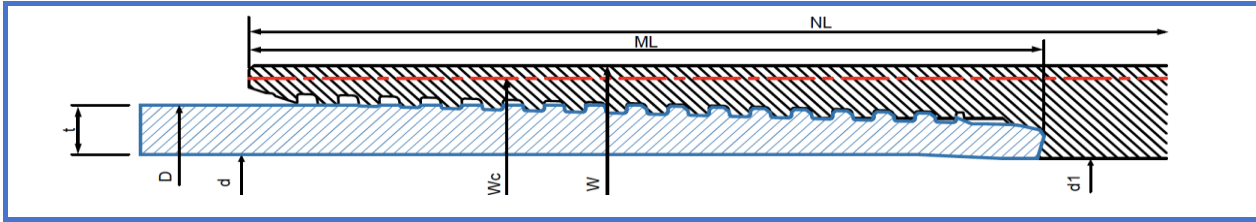


# TECHNICAL INFORMATION

# HSC MAX



SIZE:	4"
WEIGHT:	16.50 lb/ft
WALL THICKNESS:	0.430"
DRIFT (API):	3.015"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in): 4.000    INSIDE DIA. (in): 3.140    Plain End Weight: 16.41 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)	386	434	458	531	603	
	INTERNAL YIELD PRESSURE (psi)	15050	16930	17870	20690	23520	
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	4.823	4.823	4.823	4.823	4.823	
	COLLAPSE PRESSURE (psi)	15350	17270	18230	21110	23990	

		PREMIUM THREADED & COUPLED CONNECTION				
CONNECTION	NOMINAL CONNECTION OD (in)	4.623	4.623	4.623	4.623	4.623
	NOMINAL CONNECTION ID (in)	3.106	3.106	3.106	3.106	3.106
	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)	229	258	272	315	358

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	386	434	458	531	603
		COMPRESSION WITH SEALABILITY (klb)	386	434	458	531	603
	RESISTANCE	INTERNAL PRESSURE (psi)	15050	16930	17870	20690	23520
		EXTERNAL PRESSURE (psi)	15350	17270	18230	21110	23990
	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)	7400	7740	7740	8010	8280
		OPTIMUM (ft.lb)	8220	8600	8600	8900	9200
		MAXIMUM (ft.lb)	9040	9460	9460	9790	10120
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	420	430	430	450	460
		MAXIMUM (ft.lb)	5750	6020	6020	6230	6440
	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	

The above information is for reference only, and is subject to change or modification without notice. Please contact HSC for the latest information.