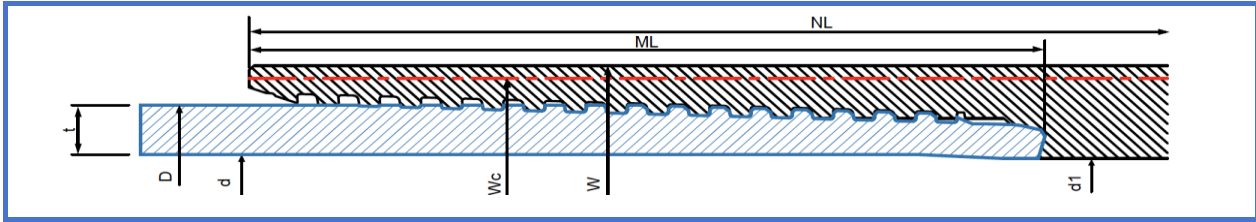


TECHNICAL INFORMATION

HSC MAX



SIZE:	4 1/2"
WEIGHT:	17.70 lb/ft
WALL THICKNESS:	0.402"
DRIFT (API):	3.571"
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)	414	466	492	569	647	
	INTERNAL YIELD PRESSURE (psi)	12510	14070	14850	17200	19540	
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	5.175	5.175	5.175	5.175	5.175	
	COLLAPSE PRESSURE (psi)	13020	14640	15460	17900	20340	

		PREMIUM THREADED & COUPLED CONNECTION				
CONNECTION	NOMINAL CONNECTION OD (in)	5.096	5.096	5.096	5.096	5.096
	NOMINAL CONNECTION ID (in)	3.641	3.641	3.641	3.641	3.641
	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)	242	272	287	332	378

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	414	466	492	569	647
		COMPRESSION WITH SEALABILITY (klb)	414	466	492	569	647
	RESISTANCE	INTERNAL PRESSURE (psi)	12510	14070	14850	17200	19540
		EXTERNAL PRESSURE (psi)	13020	14640	15460	17900	20340
	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)	7190	7740	7740	8280	8900
		OPTIMUM (ft.lb)	7980	8600	8600	9200	9800
		MAXIMUM (ft.lb)	8770	9460	9460	10120	10700
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	400	430	430	460	490	
	MAXIMUM (ft.lb)	5580	6020	6020	6440	6860	
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	