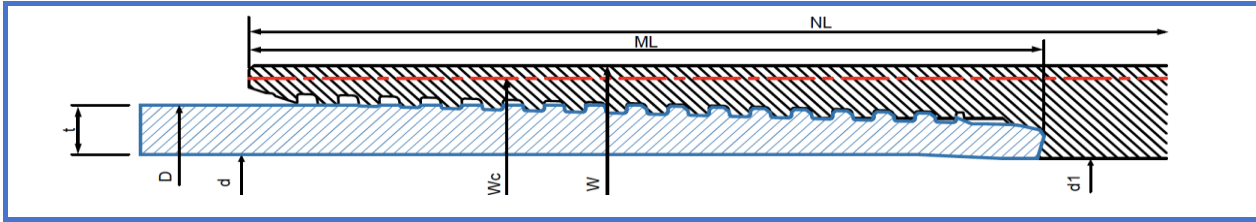


TECHNICAL INFORMATION

HSC MAX



SIZE:	4 1/2"
WEIGHT:	12.60 lb/ft
WALL THICKNESS:	0.271"
DRIFT (API):	3.833"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in): 4.500 INSIDE DIA. (in): 3.958 Plain End Weight: 12.25 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)	288	324	342	396	450	
	INTERNAL YIELD PRESSURE (psi)	8430	9490	10010	11590	13170	
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	3.6	3.6	3.6	3.6	3.6	
	COLLAPSE PRESSURE (psi)	7500	8120	8410	9210	9890	

		PREMIUM THREADED & COUPLED CONNECTION				
CONNECTION	NOMINAL CONNECTION OD (in)	4.937	4.937	4.937	4.937	4.937
	NOMINAL CONNECTION ID (in)	3.913	3.913	3.913	3.913	3.913
	MAKE-UP LOSS (in)	3.221	3.221	3.221	3.221	3.221
	COUPLING LENGTH (in)	7.440	7.440	7.440	7.440	7.440
	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)	162	182	192	222	252

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	288	324	342	396	450
		COMPRESSION WITH SEALABILITY (klb)	288	324	342	396	450
	RESISTANCE	INTERNAL PRESSURE (psi)	8430	9490	10010	11590	13170
		EXTERNAL PRESSURE (psi)	7500	8120	8410	9210	9890
	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)	4000	4340	4340	4680	5010
		OPTIMUM (ft.lb)	4440	4820	4820	5200	5560
		MAXIMUM (ft.lb)	4880	5300	5300	5720	6110
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	230	250	250	260	280	
	MAXIMUM (ft.lb)	3100	3370	3370	3640	3890	
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.