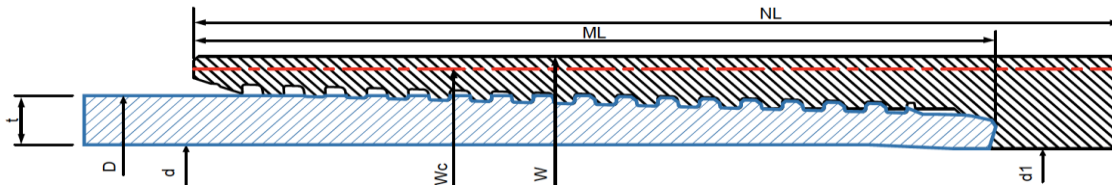


TECHNICAL INFORMATION

HSC MAX



SIZE:	4 1/2"
WEIGHT:	15.10 lb/ft
WALL THICKNESS:	0.337"
DRIFT (API):	3.701"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in): 4.500 INSIDE DIA. (in): 3.826 Plain End Weight: 15.00 lb/ft Min. Wall Thickness: 87.5%

MATERIAL YIELD STRENGTH (ksi)		80	90	95	110	125	140
PIPE BODY	MINIMUM YIELD STRENGTH (ksi)	80	90	95	110	125	140
	MAXIMUM YIELD STRENGTH (ksi)	95	105	110	140	150	165
	MINIMUM ULTIMATE TENSILE STRENGTH (ksi)	95	100	105	125	135	150
	PIPE BODY YIELD STRENGTH (klb)	353	397	419	485	551	617
	INTERNAL YIELD PRESSURE (psi)	10480	11800	12450	14420	16380	18350
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	4.407	4.407	4.407	4.407	4.407	4.407
	COLLAPSE PRESSURE (psi)	11080	12220	12760	14340	15830	18950

PREMIUM THREADED & COUPLED CONNECTION		80	90	95	110	125	140	
CONNECTION	NOMINAL CONNECTION OD (in)	5.042	5.042	5.042	5.042	5.042	5.042	
	NOMINAL CONNECTION ID (in)	3.798	3.798	3.798	3.798	3.798	3.798	
	MAKE-UP LOSS (in)	3.221	3.221	3.221	3.221	3.221	3.221	
	COUPLING LENGTH (in)	7.440	7.440	7.440	7.440	7.440	7.440	
	EFFICIENCY							
	TENSION EFFICIENCY (% pipe body)	100	100	100	100	100	100	
	COMPRESSION EFFICIENCY (% pipe body)	100	100	100	100	100	100	
	INTERNAL PRESSURE (% pipe body)	100	100	100	100	100	100	
	EXTERNAL PRESSURE (% pipe body)	100	100	100	100	100	100	
	MAXIMUM LOAD COUPLING FACE (klb)	214	241	254	295	335	375	

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	353	397	419	485	551	617
		COMPRESSION WITH SEALABILITY (klb)	353	397	419	485	551	617
	RESISTANCE	INTERNAL PRESSURE (psi)	10480	11800	12450	14420	16380	18350
		EXTERNAL PRESSURE (psi)	11080	12220	12760	14340	15830	18950
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	81	92	97	112	127	143
		WITH SEALABILITY(degree/100ft)	30	30	30	30	30	30

RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0		80	90	95	110	125	140	
MAKE UP	REGULAR	MINIMUM (ft.lb)	5550	6010	6010	6460	6890	7180
		OPTIMUM (ft.lb)	6160	6670	6670	7170	7650	7970
		MAXIMUM (ft.lb)	6770	7330	7330	7880	8410	8760
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	310	340	340	360	390	400	
	MAXIMUM (ft.lb)	4310	4660	4660	5010	5350	5570	
DELTA TURN (turns)	MINIMUM	0.010	0.010	0.010	0.010	0.010	0.010	
	MAXIMUM	0.100	0.100	0.100	0.100	0.100	0.100	