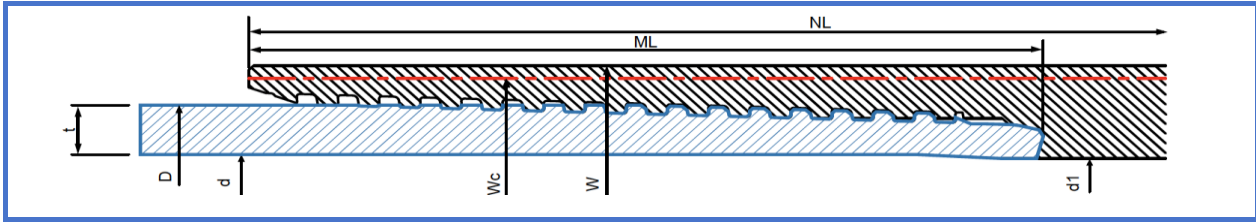


TECHNICAL INFORMATION

HSC MAX



SIZE:	4 1/2"
WEIGHT:	11.60 lb/ft
WALL THICKNESS:	0.250"
DRIFT (API):	3.875"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in):	4.500	INSIDE DIA. (in):	4.000	Plain End Weight:	11.36 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)	267	300	317	367	417	
	INTERNAL YIELD PRESSURE (psi)	7780	8750	9240	10690	12150	
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	3.338	3.338	3.338	3.338	3.338	
	COLLAPSE PRESSURE (psi)	6350	6820	7030	7580	8000	

		PREMIUM THREADED & COUPLED CONNECTION				
CONNECTION	NOMINAL CONNECTION OD (in)	4.903	4.903	4.903	4.903	4.903
	NOMINAL CONNECTION ID (in)	3.952	3.952	3.952	3.952	3.952
	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)	144	162	171	198	225

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	267	300	317	367	417
		COMPRESSION WITH SEALABILITY (klb)	267	300	317	367	417
	RESISTANCE	INTERNAL PRESSURE (psi)	7780	8750	9240	10690	12150
		EXTERNAL PRESSURE (psi)	6350	6820	7030	7580	8000
	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)	3500	3800	3800	4090	4380
		OPTIMUM (ft.lb)	3880	4220	4220	4540	4860
		MAXIMUM (ft.lb)	4260	4640	4640	4990	5340
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	200	220	220	230	250	
	MAXIMUM (ft.lb)	2710	2950	2950	3170	3400	
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.