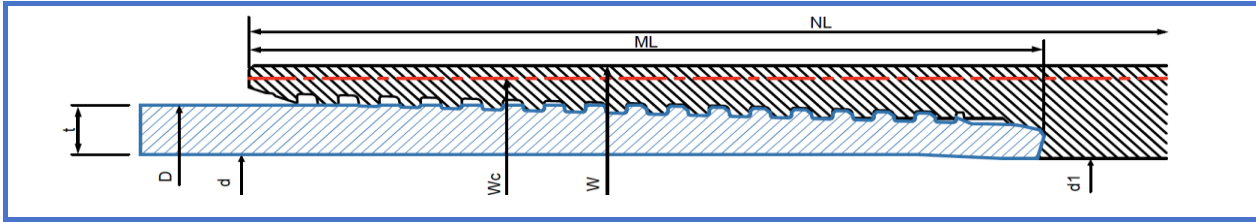


TECHNICAL INFORMATION

HSC MAX



SIZE:	4 1/2"
WEIGHT:	23.70 lb/ft
WALL THICKNESS:	0.560"
DRIFT (API):	3.255"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in): 4.500 INSIDE DIA. (in): 3.380 Plain End Weight: 23.59 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)		555	624	659	763	867
	INTERNAL YIELD PRESSURE (psi)		17420	19600	20690	23960	27220
	NOMINAL CROSS -SECTIONAL AREA (sq-in)		6.932	6.932	6.932	6.932	6.932
	COLLAPSE PRESSURE (psi)		17430	19610	20700	23970	27240

		PREMIUM THREADED & COUPLED CONNECTION					
CONNECTION	NOMINAL CONNECTION OD (in)		5.289	5.289	5.289	5.289	5.289
	NOMINAL CONNECTION ID (in)		3.350	3.350	3.350	3.350	3.350
	MAKE-UP LOSS (in)		4.545	4.545	4.545	4.545	4.545
	COUPLING LENGTH (in)		10.080	10.080	10.080	10.080	10.080
	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)		342	385	407	471	535

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	555	624	659	763	867
		COMPRESSION WITH SEALABILITY (klb)	555	624	659	763	867
	RESISTANCE	INTERNAL PRESSURE (psi)	17420	19600	20690	23960	27220
		EXTERNAL PRESSURE (psi)	17430	19610	20700	23970	27240
	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)	11450	11750	11750	12600	13450
		OPTIMUM (ft.lb)	12650	13050	13050	14000	14850
		MAXIMUM (ft.lb)	13850	14350	14350	15400	16250
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	640	660	660	700	750
		MAXIMUM (ft.lb)	8850	9130	9130	9800	10390
	DELTA TURN (turns)	MINIMUM	0.010	0.010	0.010	0.010	0.010
MAXIMUM		0.130	0.130	0.130	0.130	0.130	

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