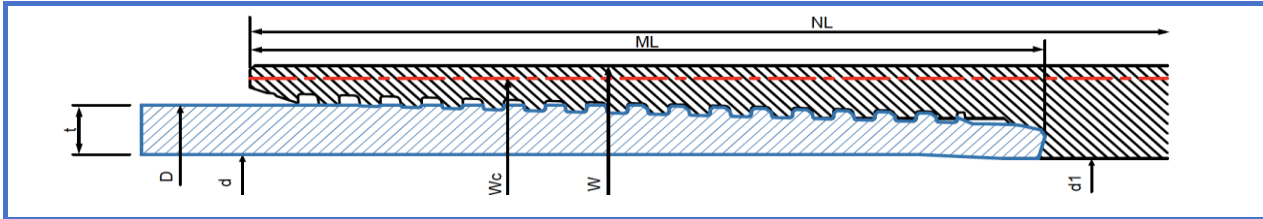


# TECHNICAL INFORMATION

# HSC MAX



SIZE:	4"
WEIGHT:	11.60 lb/ft
WALL THICKNESS:	0.286"
DRIFT (API):	3.303"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in):	4.000	INSIDE DIA. (in):	3.428	Plain End Weight:	11.35 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)	10010	11260	11890	13760	15640	
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	3.337	3.337	3.337	3.337	3.337	
	COLLAPSE PRESSURE (psi)	10270	11270	11760	13150	14460	

		PREMIUM THREADED & COUPLED CONNECTION				
CONNECTION	NOMINAL CONNECTION OD (in)	4.458	4.458	4.458	4.458	4.458
	NOMINAL CONNECTION ID (in)	3.398	3.398	3.398	3.398	3.398
	MAKE-UP LOSS (in)	3.159	3.159	3.159	3.159	3.159
	COUPLING LENGTH (in)	7.320	7.320	7.320	7.320	7.320
	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)	154	173	183	212	241

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)	10010	11260	11890	13760	15640
		EXTERNAL PRESSURE (psi)	10270	11270	11760	13150	14460
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	92	103	109	126	143
		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)	3850	4010	4010	4260	4530
		OPTIMUM (ft.lb)	4280	4460	4460	4730	5030
		MAXIMUM (ft.lb)	4710	4910	4910	5200	5530
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	220	230	230	240	260	
	MAXIMUM (ft.lb)	2990	3120	3120	3310	3520	
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.