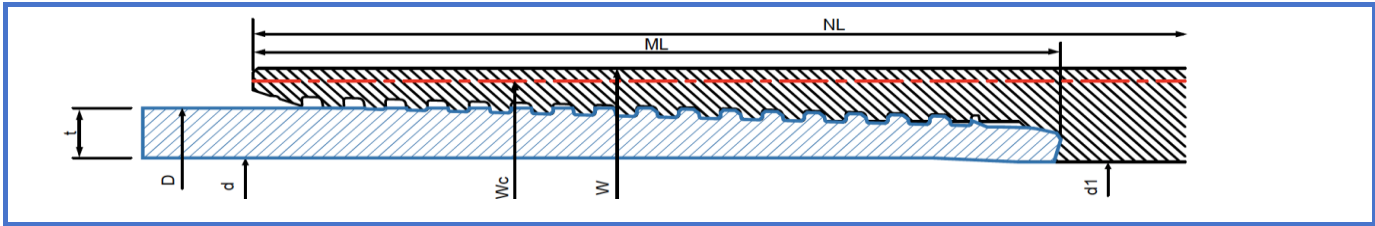


TECHNICAL INFORMATION

HSC MAX



SIZE:	7"
WEIGHT:	42.70 lb/ft
WALL THICKNESS:	0.625"
DRIFT (API):	5.625"
THREADS/INCH (TPI) :	5



OUTSIDE DIA. (in): 7.000 INSIDE DIA. (in): 5.750 Plain End Weight: 42.59 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)	1001	1127	1189	1377	1565	1752
	INTERNAL YIELD PRESSURE (psi)	12500	14060	14840	17190	19530	21880
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	12.517	12.517	12.517	12.517	12.517	12.517
	COLLAPSE PRESSURE (psi)	13010	14640	15450	17890	20330	24390

PREMIUM THREADED & COUPLED CONNECTION		80	90	95	110	125	140	
CONNECTION	NOMINAL CONNECTION OD (in)	7.981	7.981	7.981	7.981	7.981	7.981	
	NOMINAL CONNECTION ID (in)	5.933	5.933	5.933	5.933	5.933	5.933	
	MAKE-UP LOSS (in)	4.775	4.775	4.775	4.775	4.775	4.775	
	COUPLING LENGTH (in)	11.540	11.540	11.540	11.540	11.540	11.540	
	EFFICIENCY							
	TENSION EFFICIENCY (% pipe body)	100	100	100	100	100	100	
	COMPRESSION EFFICIENCY (% pipe body)	60	60	60	60	60	60	
	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)	631	710	750	868	986	1105	

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	1001	1127	1189	1377	1565	1752
		COMPRESSION (klb)	601	676	713	826	939	1051
	RESISTANCE	INTERNAL PRESSURE (psi)	12500	14060	14840	17190	19530	21880
		EXTERNAL PRESSURE (psi)	13010	14640	15450	17890	20330	24390
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	42	47	50	58	65	73

RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0		80	90	95	110	125	140
REGULAR	MINIMUM (ft.lb)	18250	20850	20850	20850	20850	20850
	OPTIMUM (ft.lb)	20250	23150	23150	23150	23150	23150
	MAXIMUM (ft.lb)	22250	25450	25450	25450	25450	25450
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	1020	1160	1160	1160	1160	1160
	MAXIMUM (ft.lb)	14170	16200	16200	16200	16200	16200
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

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