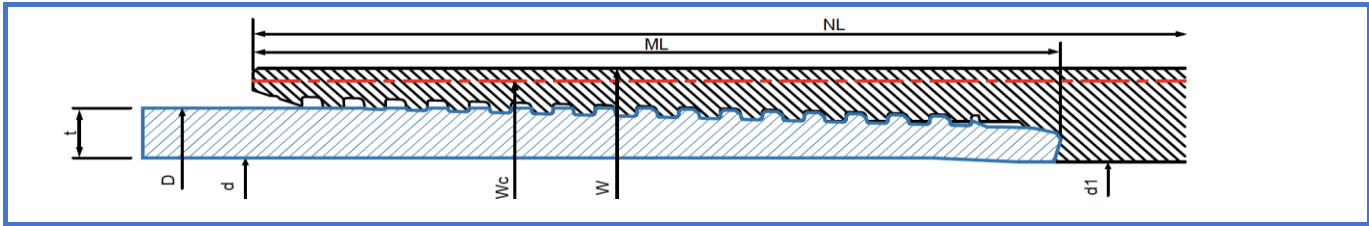


TECHNICAL INFORMATION

HSC MAX



SIZE:	7"
WEIGHT:	32.00 lb/ft
WALL THICKNESS:	0.453"
DRIFT (API):	5.969"
THREADS/INCH (TPI) :	5



OUTSIDE DIA. (in): 7.000 INSIDE DIA. (in): 6.094 Plain End Weight: 31.70 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)	745	839	885	1025	1165	1304
	INTERNAL YIELD PRESSURE (psi)	9060	10190	10760	12460	14160	15860
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	9.317	9.317	9.317	9.317	9.317	9.317
	COLLAPSE PRESSURE (psi)	8600	9380	9740	10780	11710	15120

PREMIUM THREADED & COUPLED CONNECTION		80	90	95	110	125	140	
CONNECTION	NOMINAL CONNECTION OD (in)	7.717	7.717	7.717	7.717	7.717	7.717	
	NOMINAL CONNECTION ID (in)	6.242	6.242	6.242	6.242	6.242	6.242	
	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)	424	477	503	583	662	741	

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	745	839	885	1025	1165	1304
		COMPRESSION (klb)	447	503	531	615	699	783
	RESISTANCE	INTERNAL PRESSURE (psi)	9060	10190	10760	12460	14160	15860
		EXTERNAL PRESSURE (psi)	8600	9380	9740	10780	11710	15120
	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	
MAKE UP	REGULAR	MINIMUM (ft.lb)	10100	11100	11100	12450	13400	14400
		OPTIMUM (ft.lb)	11200	12300	12300	13750	14800	15900
		MAXIMUM (ft.lb)	12300	13500	13500	15050	16200	17400
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	560	620	620	690	740	800	
	MAXIMUM (ft.lb)	7840	8610	8610	9620	10360	11130	
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.