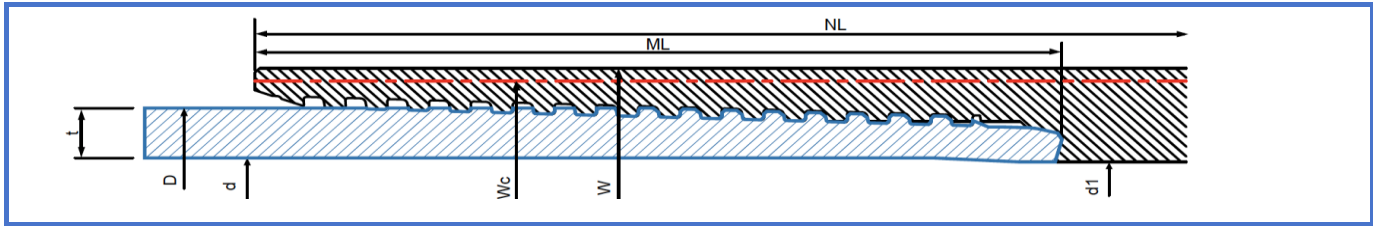


# TECHNICAL INFORMATION

# HSC MAX



SIZE:	7"
WEIGHT:	29.00 lb/ft
WALL THICKNESS:	0.408"
DRIFT (API):	6.059"
THREADS/INCH (TPI) :	5



OUTSIDE DIA. (in): 7.000    INSIDE DIA. (in): 6.184    Plain End Weight: 28.75 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)	676	760	803	929	1056	1183
	INTERNAL YIELD PRESSURE (psi)	8160	9180	9690	11220	12750	14280
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	8.449	8.449	8.449	8.449	8.449	8.449
	COLLAPSE PRESSURE (psi)	7030	7580	7840	8530	9110	12670

PREMIUM THREADED & COUPLED CONNECTION		80	90	95	110	125	140	
CONNECTION	NOMINAL CONNECTION OD (in)	7.644	7.644	7.644	7.644	7.644	7.644	
	NOMINAL CONNECTION ID (in)	6.324	6.324	6.324	6.324	6.324	6.324	
	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)	367	413	436	505	574	643	

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	676	760	803	929	1056	1183
		COMPRESSION (klb)	406	456	482	558	634	710
	RESISTANCE	INTERNAL PRESSURE (psi)	8160	9180	9690	11220	12750	14280
		EXTERNAL PRESSURE (psi)	7030	7580	7840	8530	9110	12670
	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)	8460	9150	9150	10450	11100	11700
		OPTIMUM (ft.lb)	9400	10150	10150	11550	12300	13000
		MAXIMUM (ft.lb)	10340	11150	11150	12650	13500	14300
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	470	510	510	580	620	650	
	MAXIMUM (ft.lb)	6580	7100	7100	8080	8610	9100	
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.