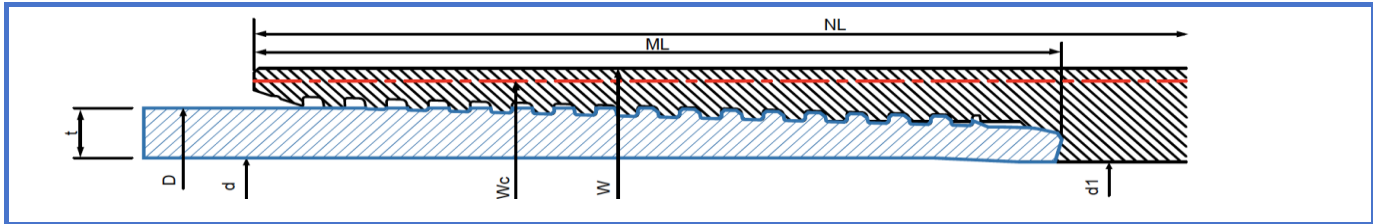


TECHNICAL INFORMATION

HSC MAX



SIZE:	7"
WEIGHT:	41.00 lb/ft
WALL THICKNESS:	0.590"
DRIFT (API):	5.695"
THREADS/INCH (TPI) :	5



OUTSIDE DIA. (in): 7.000 INSIDE DIA. (in): 5.820 Plain End Weight: 40.43 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)	950	1069	1129	1307	1485	1663
	INTERNAL YIELD PRESSURE (psi)	11800	13280	14010	16230	18440	20650
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	11.881	11.881	11.881	11.881	11.881	11.881
	COLLAPSE PRESSURE (psi)	12350	13890	14660	16980	19300	22510

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	7.930	7.930	7.930	7.930	7.930	7.930	
	NOMINAL CONNECTION ID (in)	5.996	5.996	5.996	5.996	5.996	5.996	
	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)	590	664	701	812	923	1033	

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	950	1069	1129	1307	1485	1663
		COMPRESSION (klb)	570	642	677	784	891	998
	RESISTANCE	INTERNAL PRESSURE (psi)	11800	13280	14010	16230	18440	20650
		EXTERNAL PRESSURE (psi)	12350	13890	14660	16980	19300	22510
	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								
MAKE UP	REGULAR	MINIMUM (ft.lb)	16300	18250	18250	19600	20850	20850
		OPTIMUM (ft.lb)	18100	20250	20250	21700	23150	23150
		MAXIMUM (ft.lb)	19900	22250	22250	23800	25450	25450
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	910	1020	1020	1090	1160	1160	
	MAXIMUM (ft.lb)	12670	14170	14170	15190	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.