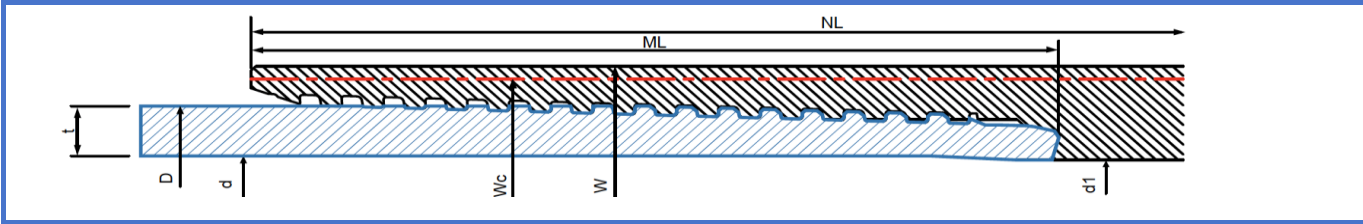


TECHNICAL INFORMATION

HSC MAX



SIZE:	7"
WEIGHT:	38.00 lb/ft
WALL THICKNESS:	0.540"
DRIFT (API):	5.795"
THREADS/INCH (TPI) :	5



OUTSIDE DIA. (in): 7.000 INSIDE DIA. (in): 5.920 Plain End Weight: 37.29 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)	877	986	1041	1205	1370	1534
	INTERNAL YIELD PRESSURE (psi)	10800	12150	12830	14850	16880	18900
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	10.959	10.959	10.959	10.959	10.959	10.959
	COLLAPSE PRESSURE (psi)	11390	12810	13430	15130	16740	19810

PREMIUM THREADED & COUPLED CONNECTION		80	90	95	110	125	140	
CONNECTION	NOMINAL CONNECTION OD (in)	7.853	7.853	7.853	7.853	7.853	7.853	
	NOMINAL CONNECTION ID (in)	6.086	6.086	6.086	6.086	6.086	6.086	
	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)	529	596	629	728	827	926	

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	877	986	1041	1205	1370	1534
		COMPRESSION (klb)	526	592	625	723	822	921
	RESISTANCE	INTERNAL PRESSURE (psi)	10800	12150	12830	14850	16880	18900
		EXTERNAL PRESSURE (psi)	11390	12810	13430	15130	16740	19810
	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)	14050	15650	15650	17000	18900	20200
		OPTIMUM (ft.lb)	15550	17350	17350	18800	21000	22400
		MAXIMUM (ft.lb)	17050	19050	19050	20600	23100	24600
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	780	870	870	940	1050	1120	
	MAXIMUM (ft.lb)	10880	12140	12140	13160	14700	15680	
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.