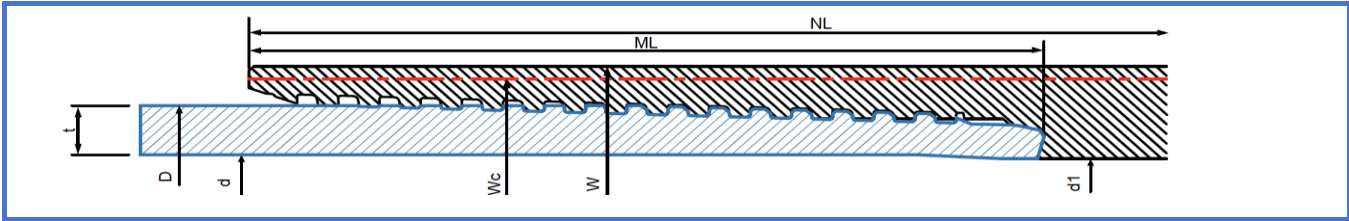


TECHNICAL INFORMATION

HSC MAX



SIZE:	7 5/8"
WEIGHT:	29.70 lb/ft
WALL THICKNESS:	0.375"
DRIFT (API):	6.750"
THREADS/INCH (TPI) :	5



OUTSIDE DIA. (in):	7.625	INSIDE DIA. (in):	6.875	Plain End Weight:	29.06 lb/ft	Min. Wall Thickness:	87.5%
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		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)	683	769	811	940	1068	1196	
	INTERNAL YIELD PRESSURE (psi)	6890	7750	8180	9470	10760	12050	
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	8.541	8.541	8.541	8.541	8.541	8.541	
	COLLAPSE PRESSURE (psi)	4790	5030	5130	5350	5670	7910	

		PREMIUM THREADED & COUPLED CONNECTION						
CONNECTION	NOMINAL CONNECTION OD (in)	8.213	8.213	8.213	8.213	8.213	8.213	
	NOMINAL CONNECTION ID (in)	6.919	6.919	6.919	6.919	6.919	6.919	
	MAKE-UP LOSS (in)	4.868	4.868	4.868	4.868	4.868	4.868	
	COUPLING LENGTH (in)	11.730	11.730	11.730	11.730	11.730	11.730	
	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)	352	396	418	484	550	616	

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	683	769	811	940	1068	1196
		COMPRESSION (klb)	410	461	487	564	641	717
	RESISTANCE	INTERNAL PRESSURE (psi)	6890	7750	8180	9470	10760	12050
		EXTERNAL PRESSURE (psi)	4790	5030	5130	5350	5670	7910
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	38	43	46	53	60	67

		RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0						
MAKE UP	REGULAR	MINIMUM (ft.lb)	8460	9850	9850	11100	11700	12700
		OPTIMUM (ft.lb)	9400	10850	10850	12300	13000	14100
		MAXIMUM (ft.lb)	10340	11850	11850	13500	14300	15500
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	470	550	550	620	650	710
		MAXIMUM (ft.lb)	6580	7590	7590	8610	9100	9870
	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.