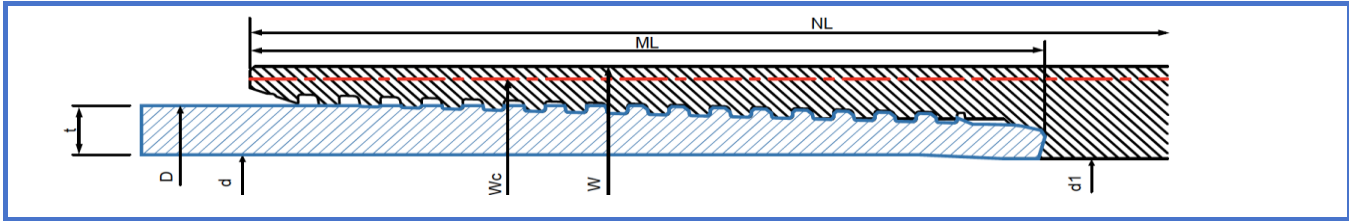


# TECHNICAL INFORMATION

# HSC MAX



SIZE:	7 5/8"
WEIGHT:	33.70 lb/ft
WALL THICKNESS:	0.430"
DRIFT (API):	6.640"
THREADS/INCH (TPI) :	5



OUTSIDE DIA. (in):	7.625	INSIDE DIA. (in):	6.765	Plain End Weight:	33.07 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)	778	875	923	1069	1215	1361	
	INTERNAL YIELD PRESSURE (psi)	7900	8880	9380	10860	12340	13820	
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	9.720	9.720	9.720	9.720	9.720	9.720	
	COLLAPSE PRESSURE (psi)	6560	7050	7280	7870	8340	11960	

		PREMIUM THREADED & COUPLED CONNECTION						
CONNECTION	NOMINAL CONNECTION OD (in)	8.306	8.306	8.306	8.306	8.306	8.306	
	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)	428	482	509	589	669	750	

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	778	875	923	1069	1215	1361
		COMPRESSION (klb)	467	525	554	642	729	816
	RESISTANCE	INTERNAL PRESSURE (psi)	7900	8880	9380	10860	12340	13820
		EXTERNAL PRESSURE (psi)	6560	7050	7280	7870	8340	11960
	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)	9150	10450	10450	11700	12450	13400
		OPTIMUM (ft.lb)	10150	11550	11550	13000	13750	14800
		MAXIMUM (ft.lb)	11150	12650	12650	14300	15050	16200
	SHOULDERING TORQUE (ft.lb)	MINIMUM (ft.lb)	510	580	580	650	690	740
		MAXIMUM (ft.lb)	7100	8080	8080	9100	9620	10360
	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.