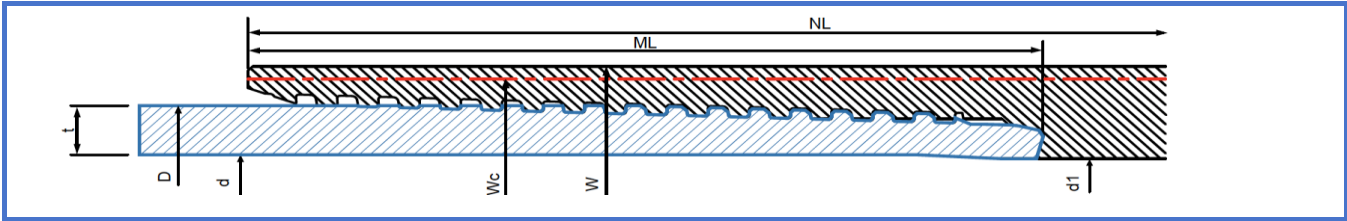


# TECHNICAL INFORMATION

# HSC MAX



SIZE:	7 5/8"
WEIGHT:	45.30 lb/ft
WALL THICKNESS:	0.595"
DRIFT (API):	6.310"
THREADS/INCH (TPI) :	5



OUTSIDE DIA. (in):	7.625	INSIDE DIA. (in):	6.435	Plain End Weight:	44.71 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)	1051	1183	1248	1446	1643	1840	
	INTERNAL YIELD PRESSURE (psi)	10920	12290	12970	15020	17070	19120	
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	13.141	13.141	13.141	13.141	13.141	13.141	
	COLLAPSE PRESSURE (psi)	11510	12950	13670	15440	17100	20140	

		PREMIUM THREADED & COUPLED CONNECTION						
CONNECTION	NOMINAL CONNECTION OD (in)	8.569	8.569	8.569	8.569	8.569	8.569	
	NOMINAL CONNECTION ID (in)	6.622	6.622	6.622	6.622	6.622	6.622	
	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)	652	734	775	897	1019	1142	

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	1051	1183	1248	1446	1643	1840
		COMPRESSION (klb)	631	710	749	867	986	1104
	RESISTANCE	INTERNAL PRESSURE (psi)	10920	12290	12970	15020	17070	19120
		EXTERNAL PRESSURE (psi)	11510	12950	13670	15440	17100	20140
	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)	18900	20850	20850	20850	20850	20850
		OPTIMUM (ft.lb)	21000	23150	23150	23150	23150	23150
		MAXIMUM (ft.lb)	23100	25450	25450	25450	25450	25450
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	1050	1160	1160	1160	1160	1160
		MAXIMUM (ft.lb)	14700	16200	16200	16200	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.