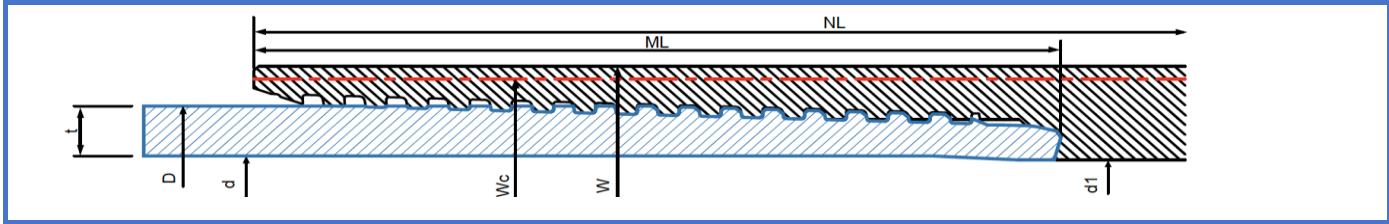


# TECHNICAL INFORMATION

# HSC MAX



SIZE:	8 5/8"
WEIGHT:	36.00 lb/ft
WALL THICKNESS:	0.400"
DRIFT (API):	7.700"
THREADS/INCH (TPI) :	4



OUTSIDE DIA. (in): 8.625    INSIDE DIA. (in): 7.825    Plain End Weight: 35.17 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)	827	930	982	1137	1292	1447
	INTERNAL YIELD PRESSURE (psi)	6490	7300	7710	8930	10140	11360
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	10.336	10.336	10.336	10.336	10.336	10.336
	COLLAPSE PRESSURE (psi)	4100	4250	4350	4690	4930	6580

PREMIUM THREADED & COUPLED CONNECTION		80	90	95	110	125	140	
CONNECTION	NOMINAL CONNECTION OD (in)	9.266	9.266	9.266	9.266	9.266	9.266	
	NOMINAL CONNECTION ID (in)	7.980	7.980	7.980	7.980	7.980	7.980	
	MAKE-UP LOSS (in)	5.603	5.603	5.603	5.603	5.603	5.603	
	COUPLING LENGTH (in)	13.190	13.190	13.190	13.190	13.190	13.190	
	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)	445	501	529	612	696	779	

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	827	930	982	1137	1292	1447
		COMPRESSION (klb)	496	558	589	682	775	868
	RESISTANCE	INTERNAL PRESSURE (psi)	6490	7300	7710	8930	10140	11360
		EXTERNAL PRESSURE (psi)	4100	4250	4350	4690	4930	6580
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	34	38	40	47	53	60

RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0		80	90	95	110	125	140
REGULAR	MINIMUM (ft.lb)	8150	9150	9150	9850	10450	11100
	OPTIMUM (ft.lb)	9050	10150	10150	10850	11550	12300
	MAXIMUM (ft.lb)	9950	11150	11150	11850	12650	13500
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	460	510	510	550	580	620
	MAXIMUM (ft.lb)	6330	7100	7100	7590	8080	8610
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.