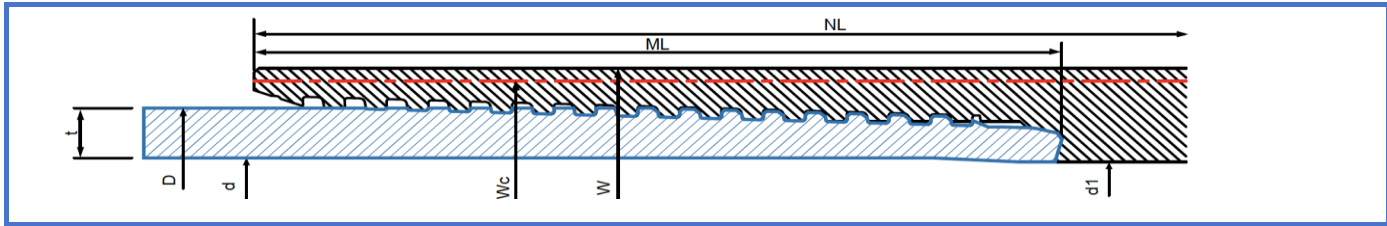


# TECHNICAL INFORMATION

# HSC MAX



SIZE:	8 5/8"
WEIGHT:	40.00 lb/ft
WALL THICKNESS:	0.450"
DRIFT (API):	7.625"
THREADS/INCH (TPI) :	4



OUTSIDE DIA. (in): 8.625    INSIDE DIA. (in): 7.725    Plain End Weight: 39.33 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)	925	1040	1098	1271	1445	1618
	INTERNAL YIELD PRESSURE (psi)	7300	8220	8670	10040	11410	12780
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	11.557	11.557	11.557	11.557	11.557	11.557
	COLLAPSE PRESSURE (psi)	5520	5870	6020	6390	6630	9490

PREMIUM THREADED & COUPLED CONNECTION		80	90	95	110	125	140	
CONNECTION	NOMINAL CONNECTION OD (in)	9.351	9.351	9.351	9.351	9.351	9.351	
	NOMINAL CONNECTION ID (in)	7.889	7.889	7.889	7.889	7.889	7.889	
	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)	524	589	622	720	819	917	

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	925	1040	1098	1271	1445	1618
		COMPRESSION (klb)	555	624	659	763	867	971
	RESISTANCE	INTERNAL PRESSURE (psi)	7300	8220	8670	10040	11410	12780
		EXTERNAL PRESSURE (psi)	5520	5870	6020	6390	6630	9490
	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)	11100	12450	12450	13700	15050	16300
	OPTIMUM (ft.lb)	12300	13750	13750	15200	16650	18100
	MAXIMUM (ft.lb)	13500	15050	15050	16700	18250	19900
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	620	690	690	760	840	910
	MAXIMUM (ft.lb)	8610	9620	9620	10640	11650	12670
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.