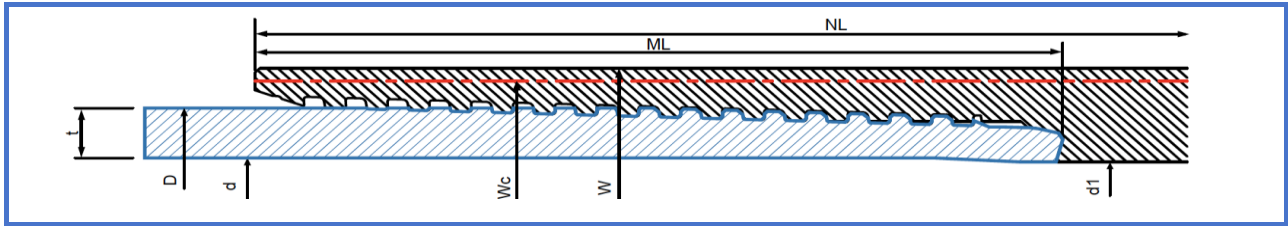


# TECHNICAL INFORMATION

# HSC MAX



SIZE:	14"
WEIGHT:	93.00 lb/ft
WALL THICKNESS:	0.650"
DRIFT (API):	12.513"
THREADS/INCH (TPI) :	4



OUTSIDE DIA. (in): 14.000    INSIDE DIA. (in): 12.700    Plain End Weight: 92.76 lb/ft    Min. Wall Thickness: 87.5%

		MATERIAL YIELD STRENGTH (ksi)				
		80	90	95	110	125
PIPE BODY	MINIMUM YIELD STRENGTH (ksi)	80	90	95	110	125
	MAXIMUM YIELD STRENGTH (ksi)	95	105	110	140	150
	MINIMUM ULTIMATE TENSILE STRENGTH (ksi)	95	100	105	125	135
	PIPE BODY YIELD STRENGTH (klb)	2181	2453	2590	2999	3408
	INTERNAL YIELD PRESSURE (psi)	6500	7310	7720	8940	10160
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	27.261	27.261	27.261	27.261	27.261
	COLLAPSE PRESSURE (psi)	4110	4260	4360	4700	4950

		PREMIUM THREADED & COUPLED CONNECTION				
CONNECTION	NOMINAL CONNECTION OD (in)	15.034	15.034	15.034	15.034	15.034
	NOMINAL CONNECTION ID (in)	12.937	12.937	12.937	12.937	12.937
	MAKE-UP LOSS (in)	6.945	6.945	6.945	6.945	6.945
	COUPLING LENGTH (in)	15.910	15.910	15.910	15.910	15.910
	EFFICIENCY					
	TENSION EFFICIENCY (% pipe body)	100	100	100	100	100
	COMPRESSION EFFICIENCY (% pipe body)	60	60	60	60	60
	INTERNAL PRESSURE (% pipe body)	100	100	100	100	100
	EXTERNAL PRESSURE (% pipe body)	100	100	100	100	100
	MAXIMUM LOAD COUPLING FACE (klb)	1295	1457	1538	1781	2024

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	2181	2453	2590	2999	3408
		COMPRESSION (klb)	1309	1472	1554	1799	2045
	RESISTANCE	INTERNAL PRESSURE (psi)	6500	7310	7720	8940	10160
		EXTERNAL PRESSURE (psi)	4110	4260	4360	4700	4950
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	21	24	25	29	33

		RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0					
MAKE UP	REGULAR	MINIMUM (ft.lb)	27000	27000	27000	27000	27000
		OPTIMUM (ft.lb)	30000	30000	30000	30000	30000
		MAXIMUM (ft.lb)	33000	33000	33000	33000	33000
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	1500	1500	1500	1500	1500
		MAXIMUM (ft.lb)	21000	21000	21000	21000	21000
	DELTA TURN (turns)	MINIMUM	0.010	0.010	0.010	0.010	0.010
MAXIMUM		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.