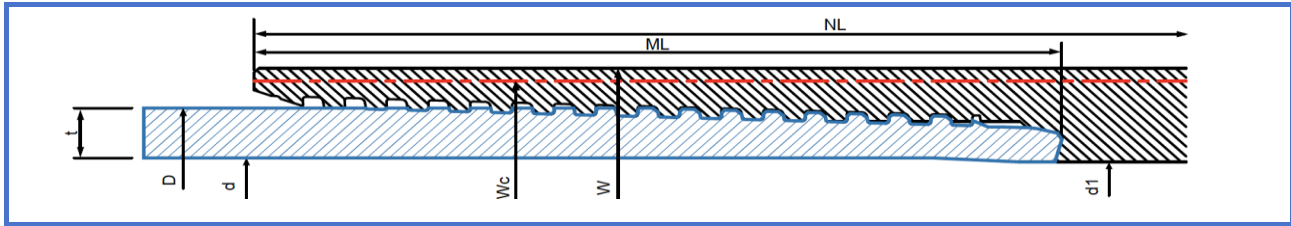


# TECHNICAL INFORMATION

# HSC MAX



SIZE:	14"
WEIGHT:	82.50 lb/ft
WALL THICKNESS:	0.562"
DRIFT (API):	12.689"
THREADS/INCH (TPI) :	4



OUTSIDE DIA. (in): 14.000    INSIDE DIA. (in): 12.876    Plain End Weight: 80.73 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)	1898	2135	2254	2610	2966
	INTERNAL YIELD PRESSURE (psi)	5620	6320	6670	7730	8780
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	23.726	23.726	23.726	23.726	23.726
	COLLAPSE PRESSURE (psi)	2940	3090	3150	3270	3300

		PREMIUM THREADED & COUPLED CONNECTION				
CONNECTION	NOMINAL CONNECTION OD (in)	14.882	14.882	14.882	14.882	14.882
	NOMINAL CONNECTION ID (in)	13.096	13.096	13.096	13.096	13.096
	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)	1068	1202	1269	1469	1669

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	1898	2135	2254	2610	2966
		COMPRESSION (klb)	1139	1281	1352	1566	1779
	RESISTANCE	INTERNAL PRESSURE (psi)	5620	6320	6670	7730	8780
		EXTERNAL PRESSURE (psi)	2940	3090	3150	3270	3300
	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)	26050	27000	27000	27000	27000
		OPTIMUM (ft.lb)	28950	30000	30000	30000	30000
		MAXIMUM (ft.lb)	31850	33000	33000	33000	33000
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	1450	1500	1500	1500	1500
		MAXIMUM (ft.lb)	20260	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.