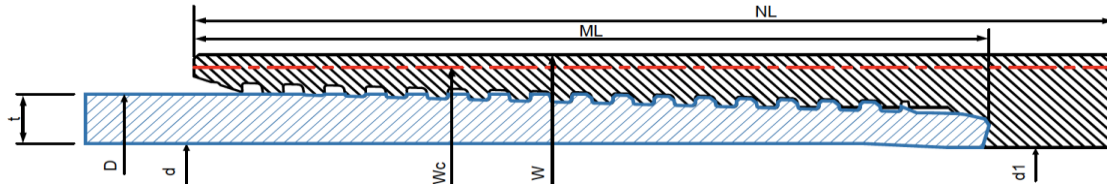


# TECHNICAL INFORMATION

# HSC MAX



SIZE:	2 7/8"
WEIGHT:	6.40 lb/ft
WALL THICKNESS:	0.217"
DRIFT (API):	2.347"
THREADS/INCH (TPI) :	8



OUTSIDE DIA. (in): 2.875    INSIDE DIA. (in): 2.441    Plain End Weight: 6.17 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)	145	163	172	199	227
	INTERNAL YIELD PRESSURE (psi)	10570	11890	12550	14530	16510
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	1.812	1.812	1.812	1.812	1.812
	COLLAPSE PRESSURE (psi)	11170	12390	12940	14550	16070

PREMIUM THREADED & COUPLED CONNECTION		80	90	95	110	125
CONNECTION	NOMINAL CONNECTION OD (in)	3.223	3.223	3.223	3.223	3.223
	NOMINAL CONNECTION ID (in)	2.409	2.409	2.409	2.409	2.409
	MAKE-UP LOSS (in)	2.518	2.518	2.518	2.518	2.518
	COUPLING LENGTH (in)	6.020	6.020	6.020	6.020	6.020
	EFFICIENCY					
	TENSION EFFICIENCY (% pipe body)	100	100	100	100	100
	COMPRESSION EFFICIENCY (% pipe body)	100	100	100	100	100
	INTERNAL PRESSURE (% pipe body)	100	100	100	100	100
	EXTERNAL PRESSURE (% pipe body)	100	100	100	100	100
	MAXIMUM LOAD COUPLING FACE (klb)	77	87	91	106	120

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	145	163	172	199	227
		COMPRESSION WITH SEALABILITY (klb)	145	163	172	199	227
	RESISTANCE	INTERNAL PRESSURE (psi)	10570	11890	12550	14530	16510
		EXTERNAL PRESSURE (psi)	11170	12390	12940	14550	16070
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	128	143	151	175	199
		WITH SEALABILITY(degree/100ft)	30	30	30	30	30

RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0		80	90	95	110	125	
MAKE UP	REGULAR	MINIMUM (ft.lb)	1670	1800	1800	1860	1920
		OPTIMUM (ft.lb)	1850	1990	1990	2060	2130
		MAXIMUM (ft.lb)	2030	2180	2180	2260	2340
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	100	100	100	110	110	
	MAXIMUM (ft.lb)	1290	1390	1390	1440	1490	
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	