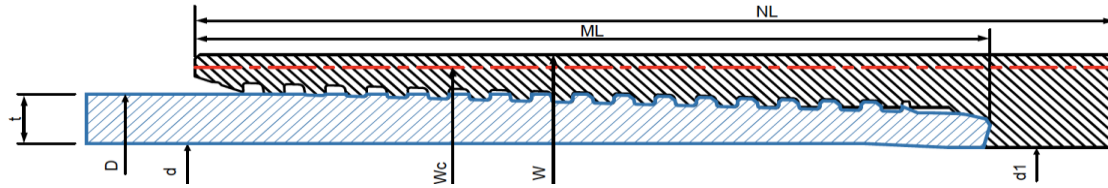


# TECHNICAL INFORMATION

# HSC MAX



SIZE:	2 7/8"
WEIGHT:	7.80 lb/ft
WALL THICKNESS:	0.276"
DRIFT (API):	2.229"
THREADS/INCH (TPI) :	8



OUTSIDE DIA. (in): 2.875    INSIDE DIA. (in): 2.323    Plain End Weight: 7.67 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)	180	203	214	248	282
	INTERNAL YIELD PRESSURE (psi)	13440	15120	15960	18480	21000
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	2.254	2.254	2.254	2.254	2.254
	COLLAPSE PRESSURE (psi)	13890	15620	16490	19090	21700

PREMIUM THREADED & COUPLED CONNECTION		80	90	95	110	125
CONNECTION	NOMINAL CONNECTION OD (in)	3.275	3.275	3.275	3.275	3.275
	NOMINAL CONNECTION ID (in)	2.271	2.271	2.271	2.271	2.271
	MAKE-UP LOSS (in)	3.179	3.179	3.179	3.179	3.179
	COUPLING LENGTH (in)	7.360	7.360	7.360	7.360	7.360
	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)	94	106	112	130	147

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	180	203	214	248	282
		COMPRESSION WITH SEALABILITY (klb)	180	203	214	248	282
	RESISTANCE	INTERNAL PRESSURE (psi)	13440	15120	15960	18480	21000
		EXTERNAL PRESSURE (psi)	13890	15620	16490	19090	21700
	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)	2360	2670	2670	2830	3000
		OPTIMUM (ft.lb)	2620	2960	2960	3140	3330
		MAXIMUM (ft.lb)	2880	3250	3250	3450	3660
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	140	150	150	160	170	
	MAXIMUM (ft.lb)	1830	2070	2070	2190	2330	
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.