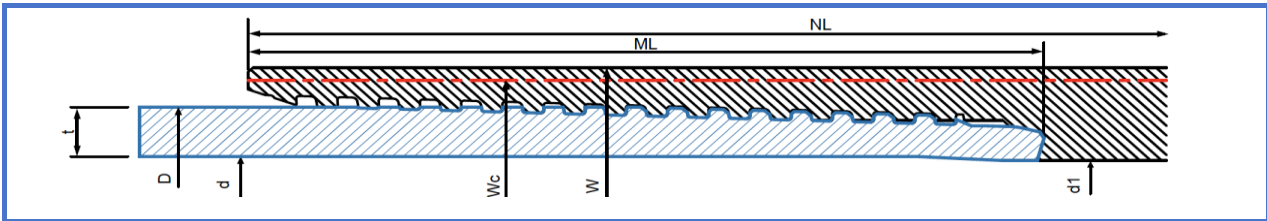


# TECHNICAL INFORMATION

# HSC MAX



SIZE:	2 7/8"
WEIGHT:	11.50 lb/ft
WALL THICKNESS:	0.440"
DRIFT (API):	1.901"
THREADS/INCH (TPI) :	8



OUTSIDE DIA. (in): 2.875    INSIDE DIA. (in): 1.995    Plain End Weight: 11.45 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)	269	303	320	370	421
	INTERNAL YIELD PRESSURE (psi)	21430	24100	25440	29460	33480
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	3.366	3.366	3.366	3.366	3.366
	COLLAPSE PRESSURE (psi)	20740	23330	24630	28520	32410

PREMIUM THREADED & COUPLED CONNECTION		80	90	95	110	125
CONNECTION	NOMINAL CONNECTION OD (in)	3.470	3.470	3.470	3.470	3.470
	NOMINAL CONNECTION ID (in)	1.987	1.987	1.987	1.987	1.987
	MAKE-UP LOSS (in)	3.557	3.557	3.557	3.557	3.557
	COUPLING LENGTH (in)	8.110	8.110	8.110	8.110	8.110
	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)	160	180	190	221	251

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	269	303	320	370	421
		COMPRESSION WITH SEALABILITY (klb)	269	303	320	370	421
	RESISTANCE	INTERNAL PRESSURE (psi)	21430	24100	25440	29460	33480
		EXTERNAL PRESSURE (psi)	20740	23330	24630	28520	32410
	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)	4200	4790	4790	5290	5580
		OPTIMUM (ft.lb)	4660	5320	5320	5870	6190
		MAXIMUM (ft.lb)	5120	5850	5850	6450	6800
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	240	270	270	300	310	
	MAXIMUM (ft.lb)	3260	3720	3720	4100	4330	
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	