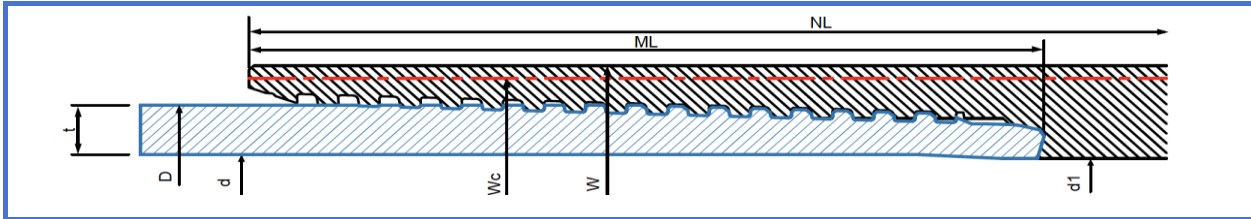


# TECHNICAL INFORMATION

# HSC MAX



SIZE:	2 3/8"
WEIGHT:	5.10 lb/ft
WALL THICKNESS:	0.218"
DRIFT (API):	1.845"
THREADS/INCH (TPI) :	8



OUTSIDE DIA. (in):2.375 INSIDE DIA. (in):1.939 Plain End Weight: 5.03 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)	118	133	140	162	185
	INTERNAL YIELD PRESSURE (psi)	12850	14460	15260	17670	20080
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	1.477	1.477	1.477	1.477	1.477
	COLLAPSE PRESSURE (psi)	13340	15010	15840	18340	20840

PREMIUM THREADED & COUPLED CONNECTION		80	90	95	110	125
CONNECTION	NOMINAL CONNECTION OD (in)	2.719	2.719	2.719	2.719	2.719
	NOMINAL CONNECTION ID (in)	1.913	1.913	1.913	1.913	1.913
	MAKE-UP LOSS (in)	2.444	2.444	2.444	2.444	2.444
	COUPLING LENGTH (in)	5.910	5.910	5.910	5.910	5.910
	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)	64	72	76	88	100

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	118	133	140	162	185
		COMPRESSION WITH SEALABILITY (klb)	118	133	140	162	185
	RESISTANCE	INTERNAL PRESSURE (psi)	12850	14460	15260	17670	20080
		EXTERNAL PRESSURE (psi)	13340	15010	15840	18340	20840
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	154	174	183	212	241
		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)	1360	1430	1430	1520	1560
		OPTIMUM (ft.lb)	1430	1580	1580	1680	1730
		MAXIMUM (ft.lb)	1500	1730	1730	1840	1900
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	80	80	80	90	90	
	MAXIMUM (ft.lb)	1000	1100	1100	1170	1210	
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.