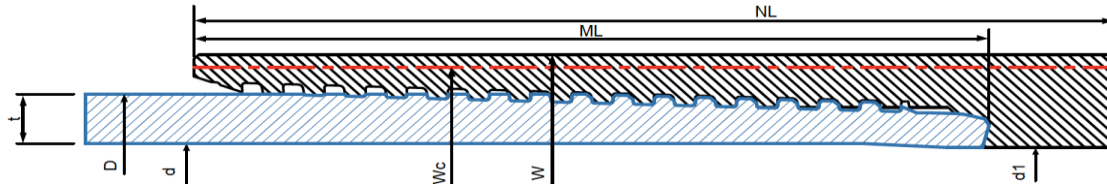


# TECHNICAL INFORMATION

# HSC MAX



SIZE:	3 1/2"
WEIGHT:	18.35 lb/ft
WALL THICKNESS:	0.575"
DRIFT (API):	2.225"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in): 3.500    INSIDE DIA. (in): 2.350    Plain End Weight: 17.98 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)		423	476	502	581	661
	INTERNAL YIELD PRESSURE (psi)		23000	25880	27310	31630	35940
	NOMINAL CROSS -SECTIONAL AREA (sq-in)		5.284	5.284	5.284	5.284	5.284
	COLLAPSE PRESSURE (psi)		21970	24710	26090	30210	34320

		PREMIUM THREADED & COUPLED CONNECTION				
CONNECTION	NOMINAL CONNECTION OD (in)	4.272	4.272	4.272	4.272	4.272
	NOMINAL CONNECTION ID (in)	2.368	2.368	2.368	2.368	2.368
	MAKE-UP LOSS (in)	4.260	4.260	4.260	4.260	4.260
	COUPLING LENGTH (in)	9.530	9.530	9.530	9.530	9.530
	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)	265	299	315	365	415

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	423	476	502	581	661
		COMPRESSION WITH SEALABILITY (klb)	423	476	502	581	661
	RESISTANCE	INTERNAL PRESSURE (psi)	23000	25880	27310	31630	35940
		EXTERNAL PRESSURE (psi)	21970	24710	26090	30210	34320
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	105	118	124	144	164
		WITH SEALABILITY(degree/100ft)	30	30	30	30	30

		RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0					
MAKE UP	REGULAR	MINIMUM (ft.lb)	8040	9040	9040	9610	9930
		OPTIMUM (ft.lb)	8930	10040	10040	10680	11030
		MAXIMUM (ft.lb)	9820	11040	11040	11750	12130
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	450	510	510	540	560
		MAXIMUM (ft.lb)	6250	7020	7020	7470	7720
	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.