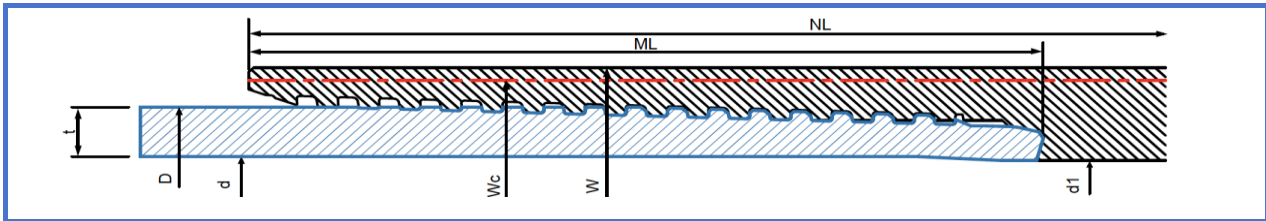


TECHNICAL INFORMATION

HSC MAX



SIZE:	3 1/2"
WEIGHT:	7.70 lb/ft
WALL THICKNESS:	0.216"
DRIFT (API):	2.943"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in):	3.500	INSIDE DIA. (in):	3.068	Plain End Weight:	7.58 lb/ft	Min. Wall Thickness:	87.5%
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		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)	178	201	212	245	279
	INTERNAL YIELD PRESSURE (psi)	8640	9720	10260	11880	13500
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	2.228	2.228	2.228	2.228	2.228
	COLLAPSE PRESSURE (psi)	7870	8540	8850	9730	10500

		PREMIUM THREADED & COUPLED CONNECTION				
CONNECTION	NOMINAL CONNECTION OD (in)	3.847	3.847	3.847	3.847	3.847
	NOMINAL CONNECTION ID (in)	3.022	3.022	3.022	3.022	3.022
	MAKE-UP LOSS (in)	3.032	3.032	3.032	3.032	3.032
	COUPLING LENGTH (in)	7.050	7.050	7.050	7.050	7.050
	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)	92	104	109	127	144

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	178	201	212	245	279
		COMPRESSION WITH SEALABILITY (klb)	178	201	212	245	279
	RESISTANCE	INTERNAL PRESSURE (psi)	8640	9720	10260	11880	13500
		EXTERNAL PRESSURE (psi)	7870	8540	8850	9730	10500
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	105	118	124	144	164
		WITH SEALABILITY	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)	2040	2130	2130	2220	2350
		OPTIMUM (ft.lb)	2260	2360	2360	2460	2610
		MAXIMUM (ft.lb)	2480	2590	2590	2700	2870
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	120	120	120	130	140	
	MAXIMUM (ft.lb)	1580	1650	1650	1720	1820	
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.