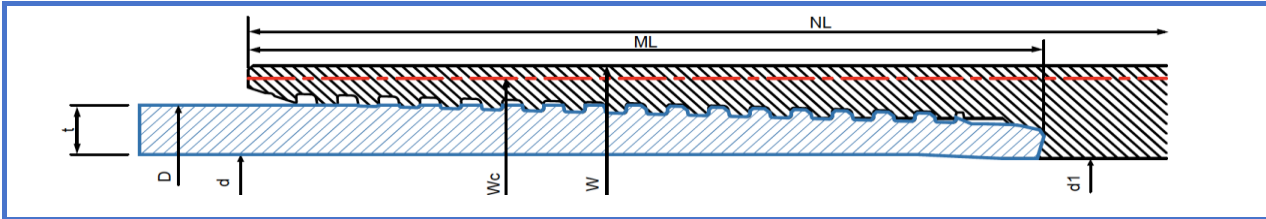


TECHNICAL INFORMATION

HSC MAX



SIZE:	3 1/2"
WEIGHT:	13.70 lb/ft
WALL THICKNESS:	0.413"
DRIFT (API):	2.549"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in):	3.500	INSIDE DIA. (in):	2.674	Plain End Weight:	13.63 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)	320	360	380	441	501
	INTERNAL YIELD PRESSURE (psi)	16520	18590	19620	22720	25810
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	4.005	4.005	4.005	4.005	4.005
	COLLAPSE PRESSURE (psi)	16650	18730	19770	22900	26020

		PREMIUM THREADED & COUPLED CONNECTION				
CONNECTION	NOMINAL CONNECTION OD (in)	4.095	4.095	4.095	4.095	4.095
	NOMINAL CONNECTION ID (in)	2.648	2.648	2.648	2.648	2.648
	MAKE-UP LOSS (in)	3.819	3.819	3.819	3.819	3.819
	COUPLING LENGTH (in)	8.620	8.620	8.620	8.620	8.620
	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)	191	215	227	263	299

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	320	360	380	441	501
		COMPRESSION WITH SEALABILITY (klb)	320	360	380	441	501
	RESISTANCE	INTERNAL PRESSURE (psi)	16520	18590	19620	22720	25810
		EXTERNAL PRESSURE (psi)	16650	18730	19770	22900	26020
	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)	5610	6020	6020	6230	6440
		OPTIMUM (ft.lb)	6230	6680	6680	6920	7150
		MAXIMUM (ft.lb)	6850	7340	7340	7610	7860
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	320	340	340	350	360
		MAXIMUM (ft.lb)	4360	4670	4670	4840	5000
	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.