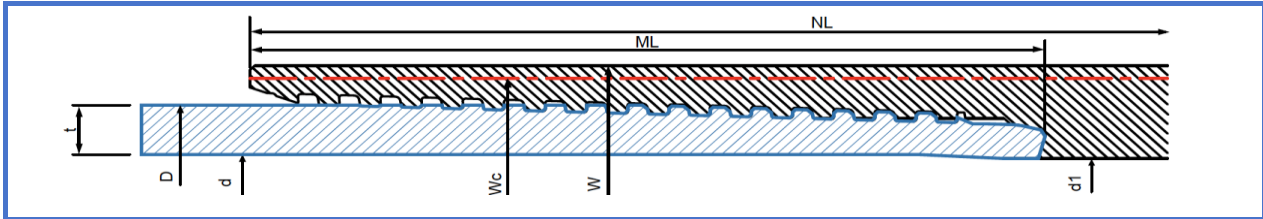


# TECHNICAL INFORMATION

# HSC MAX



SIZE:	3 1/2"
WEIGHT:	10.20 lb/ft
WALL THICKNESS:	0.289"
DRIFT (API):	2.797"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in):	3.500	INSIDE DIA. (in):	2.922	Plain End Weight:	9.92 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)		233	262	277	321	364
	INTERNAL YIELD PRESSURE (psi)		11560	13010	13730	15900	18060
	NOMINAL CROSS-SECTIONAL AREA (sq-in)		2.915	2.915	2.915	2.915	2.915
	COLLAPSE PRESSURE (psi)		12120	13640	14390	16670	18940

		PREMIUM THREADED & COUPLED CONNECTION					
CONNECTION	NOMINAL CONNECTION OD (in)		3.962	3.962	3.962	3.962	3.962
	NOMINAL CONNECTION ID (in)		2.894	2.894	2.894	2.894	2.894
	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)		137	154	163	189	214

		JOINT PERFORMANCE					
STRENGTH	TENSION WITH SEALABILITY (klb)		233	262	277	321	364
	COMPRESSION WITH SEALABILITY (klb)		233	262	277	321	364
RESISTANCE	INTERNAL PRESSURE (psi)		11560	13010	13730	15900	18060
	EXTERNAL PRESSURE (psi)		12120	13640	14390	16670	18940
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)		3200	3330	3330	3500	3710
		OPTIMUM (ft.lb)		3550	3700	3700	3880	4120
		MAXIMUM (ft.lb)		3900	4070	4070	4260	4530
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)		180	190	190	200	210	
	MAXIMUM (ft.lb)		2480	2590	2590	2710	2880	
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.