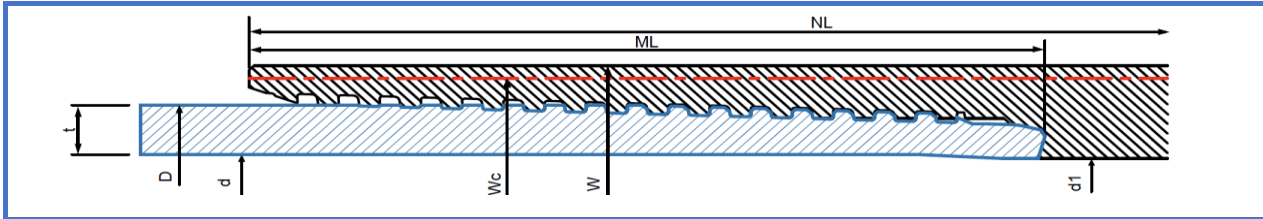


# TECHNICAL INFORMATION

# HSC MAX



SIZE:	3 1/2"
WEIGHT:	14.70 lb/ft
WALL THICKNESS:	0.449"
DRIFT (API):	2.477"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in): 3.500    INSIDE DIA. (in): 2.602    Plain End Weight: 14.64 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)	344	387	409	473	538
	INTERNAL YIELD PRESSURE (psi)	17960	20210	21330	24700	28060
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	4.304	4.304	4.304	4.304	4.304
	COLLAPSE PRESSURE (psi)	17890	20130	21250	24600	27960

PREMIUM THREADED & COUPLED CONNECTION						
CONNECTION	NOMINAL CONNECTION OD (in)	4.143	4.143	4.143	4.143	4.143
	NOMINAL CONNECTION ID (in)	2.589	2.589	2.589	2.589	2.589
	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)	211	237	251	290	330

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	344	387	409	473	538
		COMPRESSION WITH SEALABILITY (klb)	344	387	409	473	538
	RESISTANCE	INTERNAL PRESSURE (psi)	17960	20210	21330	24700	28060
		EXTERNAL PRESSURE (psi)	17890	20130	21250	24600	27960
	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)	6210	6690	6690	6930	7170
		OPTIMUM (ft.lb)	6890	7430	7430	7700	7960
		MAXIMUM (ft.lb)	7570	8170	8170	8470	8750
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	350	380	380	390	400
		MAXIMUM (ft.lb)	4820	5200	5200	5390	5570
	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	