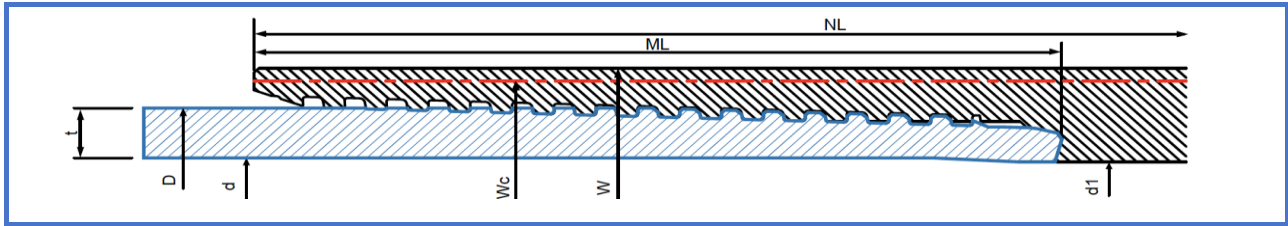


# TECHNICAL INFORMATION

# HSC MAX



SIZE:	13 5/8"
WEIGHT:	88.20 lb/ft
WALL THICKNESS:	0.625"
DRIFT (API):	12.188"
THREADS/INCH (TPI) :	4



OUTSIDE DIA. (in):	13.625	INSIDE DIA. (in):	12.375	Plain End Weight:	86.86 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)	2042	2297	2425	2808	3191
	INTERNAL YIELD PRESSURE (psi)	6420	7220	7630	8830	10030
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	25.525	25.525	25.525	25.525	25.525
	COLLAPSE PRESSURE (psi)	3980	4130	4260	4570	4800

PREMIUM THREADED & COUPLED CONNECTION		80	90	95	110	125	
CONNECTION	NOMINAL CONNECTION OD (in)	14.682	14.682	14.682	14.682	14.682	
	NOMINAL CONNECTION ID (in)	12.614	12.614	12.614	12.614	12.614	
	MAKE-UP LOSS (in)	5.698	5.698	5.698	5.698	5.698	
	COUPLING LENGTH (in)	13.390	13.390	13.390	13.390	13.390	
	EFFICIENCY						
	TENSION EFFICIENCY (% pipe body)	100	100	100	100	100	
	COMPRESSION EFFICIENCY (% pipe body)	60	60	60	60	60	
	INTERNAL PRESSURE (% pipe body)	100	100	100	100	100	
	EXTERNAL PRESSURE (% pipe body)	100	100	100	100	100	
	MAXIMUM LOAD COUPLING FACE (klb)	1296	1458	1539	1782	2025	

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	2042	2297	2425	2808	3191
		COMPRESSION (klb)	1225	1378	1455	1685	1914
	RESISTANCE	INTERNAL PRESSURE (psi)	6420	7220	7630	8830	10030
		EXTERNAL PRESSURE (psi)	3980	4130	4260	4570	4800
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	22	24	26	30	34

RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0		80	90	95	110	125
REGULAR	MINIMUM (ft.lb)	27000	27000	27000	27000	27000
	OPTIMUM (ft.lb)	30000	30000	30000	30000	30000
	MAXIMUM (ft.lb)	33000	33000	33000	33000	33000
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	1500	1500	1500	1500	1500
	MAXIMUM (ft.lb)	21000	21000	21000	21000	21000
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.