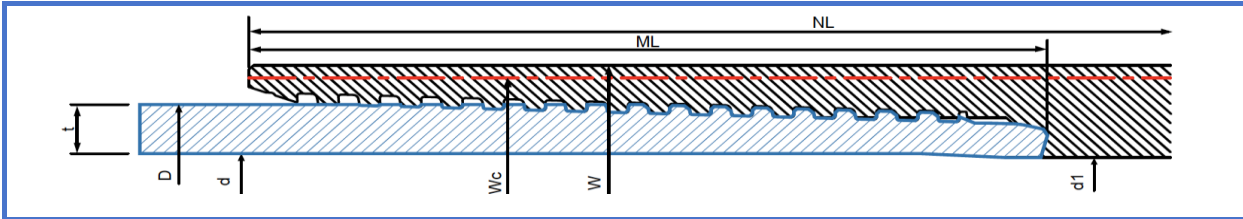


# TECHNICAL INFORMATION

# HSC MAX



SIZE:	5"
WEIGHT:	24.10 lb/ft
WALL THICKNESS:	0.500"
DRIFT (API):	3.875"
THREADS/INCH (TPI) :	5



OUTSIDE DIA. (in): 5.000    INSIDE DIA. (in): 4.000    Plain End Weight: 24.05 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 PRESSURE (ksi)		95	105	110	140	150
	MINIMUM ULTIMATE TENSILE STRENGTH (ksi)		95	100	105	125	135
	PIPE BODY YIELD STRENGTH (klb)		566	636	672	778	884
	INTERNAL YIELD PRESSURE (psi)		14000	15750	16630	19250	21880
	NOMINAL CROSS-SECTIONAL AREA (sq-in)		7.069	7.069	7.069	7.069	7.069
	COLLAPSE PRESSURE (psi)		14400	16200	17100	19800	22500

		PREMIUM THREADED & COUPLED CONNECTION				
CONNECTION	NOMINAL CONNECTION OD (in)	5.782	5.782	5.782	5.782	5.782
	NOMINAL CONNECTION ID (in)	4.141	4.141	4.141	4.141	4.141
	MAKE-UP LOSS (in)	4.19	4.19	4.19	4.19	4.19
	COUPLING LENGTH (in)	10.39	10.39	10.39	10.39	10.39
	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)	347	390	412	477	542

JOINT PERFORMANCE	STRENGTH	TENSION(klb)	566	636	672	778	884
		COMPRESSION (klb)	339	382	403	467	530
	RESISTANCE	INTERNAL PRESSURE (psi)	14000	15750	16630	19250	21880
		EXTERNAL PRESSURE (psi)	14400	16200	17100	19800	22500
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	59	66	70	81	92

		RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0					
MAKE UP	REGULAR	MINIMUM (ft.lb)	9900	11050	11050	12300	13500
		OPTIMUM (ft.lb)	11000	12250	12250	13600	14900
		MAXIMUM (ft.lb)	12100	13450	13450	14900	16300
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	550	620	620	680	750
		MAXIMUM (ft.lb)	7700	8570	8570	9520	10430
	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.