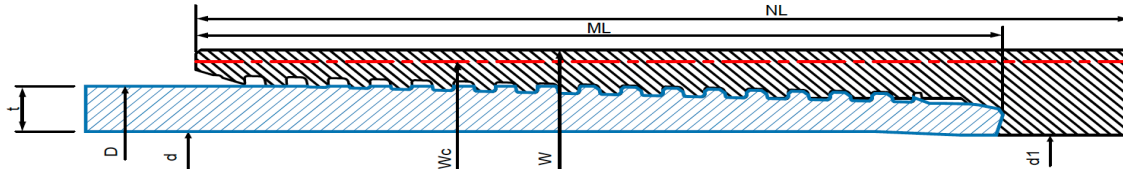


TECHNICAL INFORMATION



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	N80	90	95	110	C110	125
PIPE BODY	MINIMUM YIELD STRENGTH (ksi)	80	80	90	95	110	110	125
	MAXIMUM YIELD PRESSURE (ksi)	95	110	105	110	140	120	150
	MINIMUM ULTIMATE TENSILE STRENGTH (ksi)	95	100	100	105	125	115	135
	PIPE BODY YIELD STRENGTH (klb)	566	566	636	672	778	778	884
	INTERNAL YIELD PRESSURE (psi)	14000	14000	15750	16630	19250	19250	21880
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	7.069	7.069	7.069	7.069	7.069	7.069	7.069
	COLLAPSE PRESSURE (psi)	14400	14400	16200	17100	19800	19800	22500

PREMIUM THREADED & COUPLED CONNECTION		80	N80	90	95	110	C110	125
CONNECTION	NOMINAL CONNECTION OD (in)	5.782	5.782	5.782	5.782	5.782	5.782	5.782
	NOMINAL CONNECTION ID (in)	3.937	3.937	3.937	3.937	3.937	3.937	3.937
	MAKE-UP LOSS (in)	4.190	4.190	4.190	4.190	4.190	4.190	4.190
	COUPLING LENGTH (in)	10.390	10.390	10.390	10.390	10.390	10.390	10.390
	EFFICIENCY							
	TENSION EFFICIENCY (% pipe body)	100	100	100	100	100	100	100
	COMPRESSION EFFICIENCY (% pipe body)	100	100	100	100	100	100	100
	INTERNAL PRESSURE (% pipe body)	100	100	100	100	100	100	100
	EXTERNAL PRESSURE (% pipe body)	100	100	100	100	100	100	100
	MAXIMUM LOAD COUPLING FACE (klb)	347	347	390	412	477	477	542

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	566	566	636	672	778	778	884
		COMPRESSION WITH SEALABILITY (klb)	566	566	636	672	778	778	884
	RESISTANCE	INTERNAL PRESSURE (psi)	14000	14000	15750	16630	19250	19250	21880
		EXTERNAL PRESSURE (psi)	14400	14400	16200	17100	19800	19800	22500
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	73	73	83	87	101	101	115
		WITH SEALABILITY (degree/100ft)	20	20	20	20	20	20	20

RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0		80	N80	90	95	110	C110	125
REGULAR	MINIMUM (ft.lb)	11700	11700	13050	13050	14400	14400	15650
	OPTIMUM (ft.lb)	13000	13000	14450	14450	15900	15900	17350
	MAXIMUM (ft.lb)	14300	14300	15850	15850	17400	17400	19050
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	650	650	730	730	800	800	870
	MAXIMUM (ft.lb)	9100	9100	10110	10110	11130	11130	12140
DELTA TURN (turns)	MINIMUM	0.010	0.010	0.010	0.010	0.010	0.010	0.010
	MAXIMUM	0.100	0.100	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.