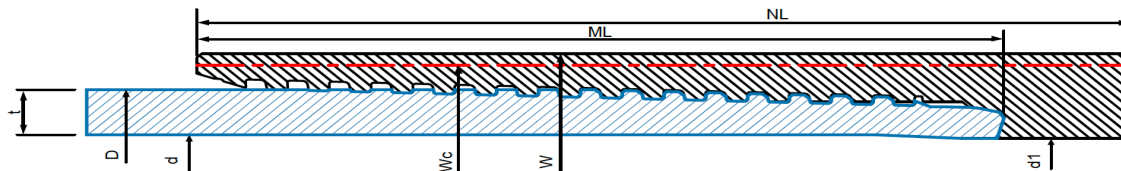


TECHNICAL INFORMATION



HSC MAX[®]

SIZE:	5"
WEIGHT:	20.80 lb/ft
WALL THICKNESS:	0.422"
DRIFT (API):	4.031"
THREADS/INCH (TPI) :	5



OUTSIDE DIA.(in): 5.000 INSIDE DIA.(in): 4.156 Plain End Weight: 20.65 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 STRENGTH (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)	486	486	546	577	668	668	759
	INTERNAL YIELD PRESSURE (psi)	11820	11820	13290	14030	16250	16250	18460
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	6.069	6.069	6.069	6.069	6.069	6.069	6.069
	COLLAPSE PRESSURE (psi)	12360	12360	13910	14680	17000	17000	19320

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	5.670	5.670	5.670	5.670	5.670	5.670	5.670
	NOMINAL CONNECTION ID (in)	4.093	4.093	4.093	4.093	4.093	4.093	4.093
	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)	282	282	318	335	388	388	441

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	486	486	546	577	668	668	759
		COMPRESSION WITH SEALABILITY (klb)	486	486	546	577	668	668	759
	RESISTANCE	INTERNAL PRESSURE (psi)	11820	11820	13290	14030	16250	16250	18460
		EXTERNAL PRESSURE (psi)	12360	12360	13910	14680	17000	17000	19320
	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								
REGULAR	MINIMUM (ft.lb)	9150	9150	10100	10100	11100	11100	12450
	OPTIMUM (ft.lb)	10150	10150	11200	11200	12300	12300	13750
	MAXIMUM (ft.lb)	11150	11150	12300	12300	13500	13500	15050
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	510	510	560	560	620	620	690
	MAXIMUM (ft.lb)	7100	7100	7840	7840	8610	8610	9620
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.