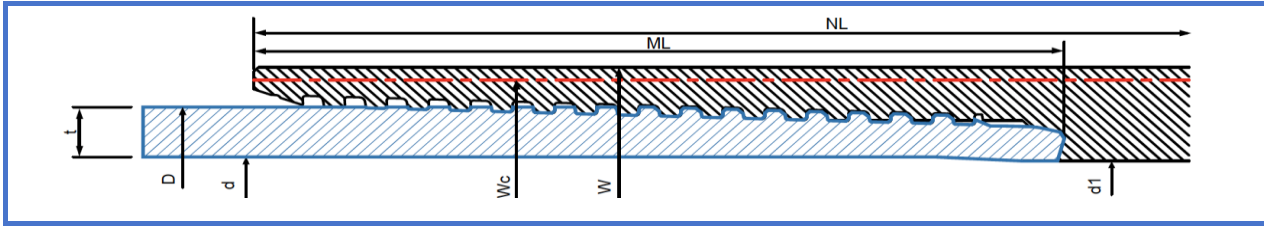


TECHNICAL INFORMATION

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%
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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)			486	546	577	668	759
	INTERNAL YIELD PRESSURE (psi)			11820	13290	14030	16250	18460
	NOMINAL CROSS -SECTIONAL AREA (sq-in)			6.069	6.069	6.069	6.069	6.069
	COLLAPSE PRESSURE (psi)			12360	13910	14680	17000	19320

		PREMIUM THREADED & COUPLED CONNECTION					
CONNECTION	NOMINAL CONNECTION OD (in)		5.67	5.670	5.670	5.670	5.670
	NOMINAL CONNECTION ID (in)		4.283	4.283	4.283	4.283	4.283
	MAKE-UP LOSS (in)		4.19	4.190	4.190	4.190	4.190
	COUPLING LENGTH (in)		10.39	10.390	10.390	10.390	10.390
	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)		282	318	335	388	441

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	486	546	577	668	759
		COMPRESSION (klb)	291	328	346	401	455
	RESISTANCE	INTERNAL PRESSURE (psi)	11820	13290	14030	16250	18460
		EXTERNAL PRESSURE (psi)	12360	13910	14680	17000	19320
	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)	7170	7830	7830	8780	9500
		OPTIMUM (ft.lb)	7960	8700	8700	9750	10500
		MAXIMUM (ft.lb)	8750	9570	9570	10720	11500
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	400	440	440	490	530	
	MAXIMUM (ft.lb)	5570	6090	6090	6820	7350	
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.