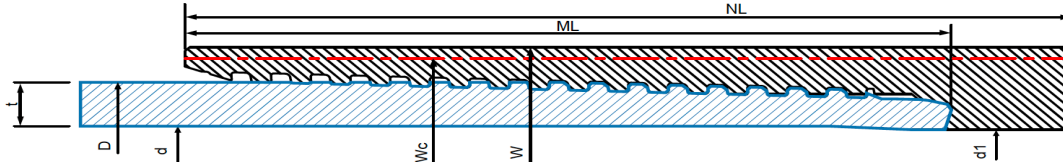


TECHNICAL INFORMATION



HSC MAX®

SIZE:	7"
WEIGHT:	32.00 lb/ft
WALL THICKNESS:	0.453"
DRIFT (API):	5.969"
THREADS/INCH (TPI) :	5



OUTSIDE DIA.(in): 7.000 INSIDE DIA.(in): 6.094 Plain End Weight: 31.70 lb/ft Min. Wall Thickness: 87.5%

MATERIAL YIELD STRENGTH (ksi)		80	N80	90	95	110	C110	125	140
PIPE BODY	MINIMUM YIELD STRENGTH (ksi)	80	80	90	95	110	110	125	140
	MAXIMUM YIELD STRENGTH (ksi)	95	110	105	110	140	120	150	165
	MINIMUM ULTIMATE TENSILE STRENGTH (ksi)	95	100	100	105	125	115	135	150
	PIPE BODY YIELD STRENGTH (klb)	745	745	839	885	1025	1025	1165	1304
	INTERNAL YIELD PRESSURE (psi)	9060	9060	10190	10760	12460	12460	14160	15860
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	9.317	9.317	9.317	9.317	9.317	9.317	9.317	9.317
	COLLAPSE PRESSURE (psi)	8610	8610	9380	9750	10790	10790	11720	15120

PREMIUM THREADED & COUPLED CONNECTION		80	N80	90	95	110	C110	125	140
CONNECTION	NOMINAL CONNECTION OD (in)	7.717	7.717	7.717	7.717	7.717	7.717	7.717	7.717
	NOMINAL CONNECTION ID (in)	6.059	6.059	6.059	6.059	6.059	6.059	6.059	6.059
	MAKE-UP LOSS (in)	4.775	4.775	4.775	4.775	4.775	4.775	4.775	4.775
	COUPLING LENGTH (in)	11.540	11.540	11.540	11.540	11.540	11.540	11.540	11.540
	EFFICIENCY								
	TENSION EFFICIENCY (% pipe body)	100	100	100	100	100	100	100	100
	COMPRESSION EFFICIENCY (% pipe body)	100	100	100	100	100	100	100	100
	INTERNAL PRESSURE (% pipe body)	100	100	100	100	100	100	100	100
	EXTERNAL PRESSURE (% pipe body)	100	100	100	100	100	100	100	100
	MAXIMUM LOAD COUPLING FACE (klb)	424	424	477	503	583	583	662	741

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	745	745	839	885	1025	1025	1165	1304
		COMPRESSION WITH SEALABILITY (klb)	745	745	839	885	1025	1025	1165	1304
	RESISTANCE	INTERNAL PRESSURE (psi)	9060	9060	10190	10760	12460	12460	14160	15860
		EXTERNAL PRESSURE (psi)	8610	8610	9380	9750	10790	10790	11720	15120
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	52	52	59	62	72	72	82	92
		WITH SEALABILITY (degree/100ft)	20	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	140
REGULAR	MINIMUM (ft.lb)	14050	14050	16000	16000	17650	17650	19600	20850
	OPTIMUM (ft.lb)	15550	15550	17700	17700	19550	19550	21700	23150
	MAXIMUM (ft.lb)	17050	17050	19400	19400	21450	21450	23800	25450
SHOULDERING TORQUE (ft.lb)	MINIMUM (ft.lb)	780	780	890	890	980	980	1090	1160
	MAXIMUM (ft.lb)	10880	10880	12390	12390	13680	13680	15190	16200
DELTA TURN (turns)	MINIMUM	0.010	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	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.