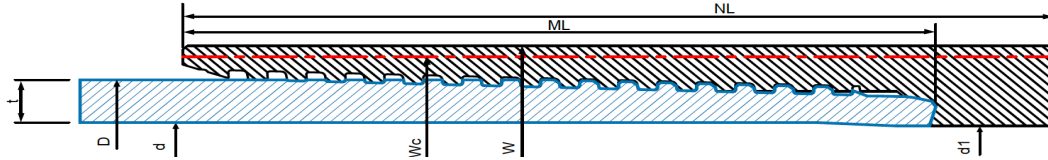


TECHNICAL INFORMATION



HSC MAX®

SIZE:	7 5/8"
WEIGHT:	29.70 lb/ft
WALL THICKNESS:	0.375"
DRIFT (API):	6.750"
THREADS/INCH (TPI) :	5



OUTSIDE DIA.(in): 7.625 INSIDE DIA.(in): 6.875 Plain End Weight: 29.06 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)	683	683	769	811	940	940	1068	1196
	INTERNAL YIELD PRESSURE (psi)	6890	6890	7750	8180	9470	9470	10760	12050
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	8.541	8.541	8.541	8.541	8.541	8.541	8.541	8.541
	COLLAPSE PRESSURE (psi)	4790	4790	5030	5140	5350	5350	5670	7910

PREMIUM THREADED & COUPLED CONNECTION		80	N80	90	95	110	C110	125	140
CONNECTION	NOMINAL CONNECTION OD (in)	8.213	8.213	8.213	8.213	8.213	8.213	8.213	8.213
	NOMINAL CONNECTION ID (in)	6.809	6.809	6.809	6.809	6.809	6.809	6.809	6.809
	MAKE-UP LOSS (in)	4.868	4.868	4.868	4.868	4.868	4.868	4.868	4.868
	COUPLING LENGTH (in)	11.730	11.730	11.730	11.730	11.730	11.730	11.730	11.730
	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)	352	352	396	418	484	484	550	616

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	683	683	769	811	940	940	1068	1196
		COMPRESSION WITH SEALABILITY (klb)	683	683	769	811	940	940	1068	1196
	RESISTANCE	INTERNAL PRESSURE (psi)	6890	6890	7750	8180	9470	9470	10760	12050
		EXTERNAL PRESSURE (psi)	4790	4790	5030	5140	5350	5350	5670	7910
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	48	48	54	57	66	66	75	84
		WITH SEALABILITY (degree/100ft)	19	19	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)	13050	13050	15050	15050	16650	16650	18600	20200
	OPTIMUM (ft.lb)	14450	14450	16650	16650	18450	18450	20600	22400
	MAXIMUM (ft.lb)	15850	15850	18250	18250	20250	20250	22600	24600
SHOULDERING TORQUE (ft.lb)	MINIMUM (ft.lb)	730	730	840	840	930	930	1030	1120
	MAXIMUM (ft.lb)	10110	10110	11650	11650	12910	12910	14420	15680
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.