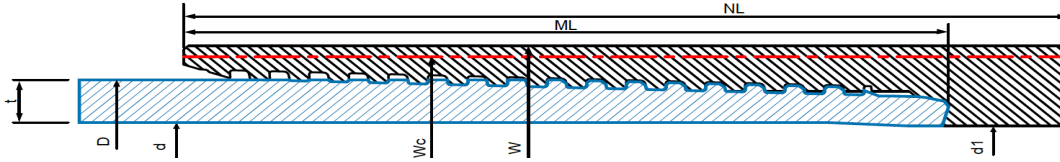


TECHNICAL INFORMATION



HSC MAX®

SIZE:	7 5/8"
WEIGHT:	45.30 lb/ft
WALL THICKNESS:	0.595"
DRIFT (API):	6.310"
THREADS/INCH (TPI) :	5



OUTSIDE DIA.(in): 7.625 INSIDE DIA.(in): 6.435 Plain End Weight: 44.71 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)	1051	1051	1183	1248	1446	1446	1643	1840
	INTERNAL YIELD PRESSURE (psi)	10920	10920	12290	12970	15020	15020	17070	19120
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	13.141	13.141	13.141	13.141	13.141	13.141	13.141	13.141
	COLLAPSE PRESSURE (psi)	11510	11510	12950	13660	15430	15430	17090	20140

PREMIUM THREADED & COUPLED CONNECTION		80	N80	90	95	110	C110	125	140
CONNECTION	NOMINAL CONNECTION OD (in)	8.569	8.569	8.569	8.569	8.569	8.569	8.569	8.569
	NOMINAL CONNECTION ID (in)	6.424	6.424	6.424	6.424	6.424	6.424	6.424	6.424
	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)	652	652	734	775	897	897	1019	1142

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	1051	1051	1183	1248	1446	1446	1643	1840
		COMPRESSION WITH SEALABILITY (klb)	1051	1051	1183	1248	1446	1446	1643	1840
	RESISTANCE	INTERNAL PRESSURE (psi)	10920	10920	12290	12970	15020	15020	17070	19120
		EXTERNAL PRESSURE (psi)	11510	11510	12950	13660	15430	15430	17090	20140
	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)	20850	20850	20850	20850	20850	20850	20850	20850
	OPTIMUM (ft.lb)	23150	23150	23150	23150	23150	23150	23150	23150
	MAXIMUM (ft.lb)	25450	25450	25450	25450	25450	25450	25450	25450
SHOULDERING TORQUE (ft.lb)	MINIMUM (ft.lb)	1160	1160	1160	1160	1160	1160	1160	1160
	MAXIMUM (ft.lb)	16200	16200	16200	16200	16200	16200	16200	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.