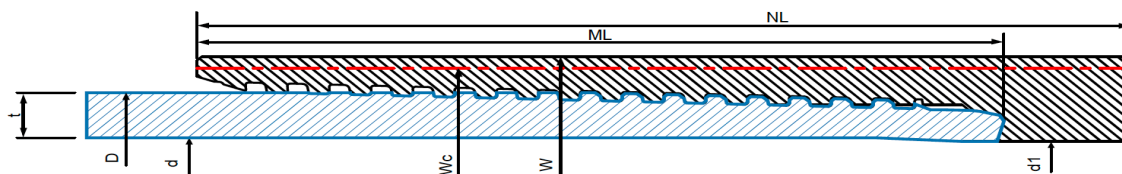


TECHNICAL INFORMATION



HSC MAX[®]

SIZE:	7 3/4"
WEIGHT:	46.10 lb/ft
WALL THICKNESS:	0.595"
DRIFT (API):	6.435"
THREADS/INCH (TPI) :	5



OUTSIDE DIA.(in): 7.750 INSIDE DIA.(in): 6.560 Plain End Weight: 45.51 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)	1070	1070	1204	1271	1471	1471	1672
	INTERNAL YIELD PRESSURE (psi)	10750	10750	12090	12760	14780	14780	16790
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	13.374	13.374	13.374	13.374	13.374	13.374	13.374
	COLLAPSE PRESSURE (psi)	11340	11340	12740	13310	14990	14990	16580

PREMIUM THREADED & COUPLED CONNECTION		80	N80	90	95	110	C110	125
CONNECTION	NOMINAL CONNECTION OD (in)	8.693	8.693	8.693	8.693	8.693	8.693	8.693
	NOMINAL CONNECTION ID (in)	6.558	6.558	6.558	6.558	6.558	6.558	6.558
	MAKE-UP LOSS (in)	4.915	4.915	4.915	4.915	4.915	4.915	4.915
	COUPLING LENGTH (in)	11.850	11.850	11.850	11.850	11.850	11.850	11.850
	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)	661	661	744	785	909	909	1034

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	1070	1070	1204	1271	1471	1471	1672
		COMPRESSION WITH SEALABILITY (klb)	1070	1070	1204	1271	1471	1471	1672
	RESISTANCE	INTERNAL PRESSURE (psi)	10750	10750	12090	12760	14780	14780	16790
		EXTERNAL PRESSURE (psi)	11340	11340	12740	13310	14990	14990	16580
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	47	47	53	56	65	65	74
		WITH SEALABILITY (degree/100ft)	19	19	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
REGULAR	MINIMUM (ft. lb)	20850	20850	20850	20850	20850	20850	20850
	OPTIMUM (ft. lb)	23150	23150	23150	23150	23150	23150	23150
	MAXIMUM (ft. lb)	25450	25450	25450	25450	25450	25450	25450
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft. lb)	1160	1160	1160	1160	1160	1160	1160
	MAXIMUM (ft. lb)	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
	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.