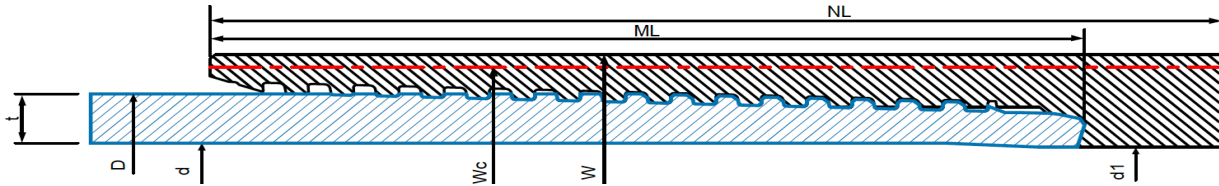


TECHNICAL INFORMATION

HSC MAX[®]



SIZE:	2 3/8"
WEIGHT:	4.60 lb/ft
WALL THICKNESS:	0.190"
DRIFT (API):	1.901"
THREADS/INCH (TPI) :	8



OUTSIDE DIA. (in): 2.375 INSIDE DIA. (in): 1.995 Plain End Weight: 4.44 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)	104	104	117	124	143	143	163
	INTERNAL YIELD PRESSURE (psi)	11200	11200	12600	13300	15400	15400	17500
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	1.304	1.304	1.304	1.304	1.304	1.304	1.304
	COLLAPSE PRESSURE (psi)	11780	11780	13250	13980	16130	16130	17900

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	2.677	2.677	2.677	2.677	2.677	2.677	2.677
	NOMINAL CONNECTION ID (in)	1.957	1.957	1.957	1.957	1.957	1.957	1.957
	MAKE-UP LOSS (in)	2.444	2.444	2.444	2.444	2.444	2.444	2.444
	COUPLING LENGTH (in)	5.910	5.910	5.910	5.910	5.910	5.91	5.910
	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)	52	52	59	62	72	72	82

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	104	104	117	124	143	143	163
		COMPRESSION WITH SEALABILITY (klb)	104	104	117	124	143	143	163
	RESISTANCE	INTERNAL PRESSURE (psi)	11200	11200	12600	13300	15400	15400	17500
		EXTERNAL PRESSURE (psi)	11780	11780	13250	13980	16130	16130	17900
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	154	154	174	183	212	212	241
		WITH SEALABILITY (degree/100ft)	30	30	30	30	30	30	30

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
	REGULAR	MINIMUM (ft. lb)	1110	1110	1170	1170	1240	1240	1310
		OPTIMUM (ft. lb)	1160	1160	1290	1290	1370	1370	1450
		MAXIMUM (ft. lb)	1210	1210	1410	1410	1500	1500	1590
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft. lb)	60	60	70	70	70	70	80
		MAXIMUM (ft. lb)	810	810	900	900	950	950	1010
	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

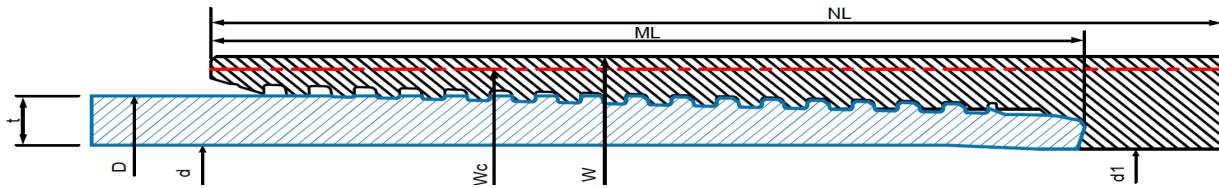
The above information is for reference only, and is subject to change or modification without notice. Please contact HSC for the latest information.

TECHNICAL INFORMATION

HSC MAX®



SIZE:	2 3/8"
WEIGHT:	5.10 lb/ft
WALL THICKNESS:	0.218"
DRIFT (API):	1.845"
THREADS/INCH (TPI) :	8



OUTSIDE DIA. (in): 2.375 INSIDE DIA. (in): 1.939 Plain End Weight: 5.03 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)	118	118	133	140	162	162	185
	INTERNAL YIELD PRESSURE (psi)	12850	12850	14460	15260	17670	17670	20080
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	1.477	1.477	1.477	1.477	1.477	1.477	1.477
	COLLAPSE PRESSURE (psi)	13340	13340	15010	15840	18340	18340	20840

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	2.719	2.719	2.719	2.719	2.719	2.719	2.719
	NOMINAL CONNECTION ID (in)	1.913	1.913	1.913	1.913	1.913	1.913	1.913
	MAKE-UP LOSS (in)	2.444	2.444	2.444	2.444	2.444	2.444	2.444
	COUPLING LENGTH (in)	5.910	5.910	5.910	5.910	5.910	5.91	5.910
	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)	64	64	72	76	88	88	100

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	118	118	133	140	162	162	185
		COMPRESSION WITH SEALABILITY (klb)	118	118	133	140	162	162	185
	RESISTANCE	INTERNAL PRESSURE (psi)	12850	12850	14460	15260	17670	17670	20080
		EXTERNAL PRESSURE (psi)	13340	13340	15010	15840	18340	18340	20840
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	154	154	174	183	212	212	241
		WITH SEALABILITY (degree/100ft)	30	30	30	30	30	30	30

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
	REGULAR	MINIMUM (ft.lb)	1360	1360	1430	1430	1520	1520	1560
		OPTIMUM (ft.lb)	1430	1430	1580	1580	1680	1680	1730
		MAXIMUM (ft.lb)	1500	1500	1730	1730	1840	1840	1900
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	80	80	80	80	90	90	90
		MAXIMUM (ft.lb)	1000	1000	1100	1100	1170	1170	1210
	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

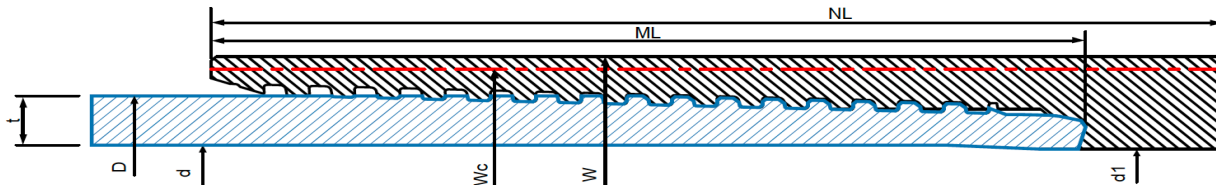
The above information is for reference only, and is subject to change or modification without notice. Please contact HSC for the latest information.

TECHNICAL INFORMATION

HSC MAX®



SIZE:	2 3/8"
WEIGHT:	5.80 lb/ft
WALL THICKNESS:	0.254"
DRIFT (API):	1.773"
THREADS/INCH (TPI) :	8



OUTSIDE DIA. (in): 2.375 INSIDE DIA. (in): 1.867 Plain End Weight: 5.76 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)	135	135	152	161	186	186	212
	INTERNAL YIELD PRESSURE (psi)	14970	14970	16840	17780	20590	20590	23390
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	1.692	1.692	1.692	1.692	1.692	1.692	1.692
	COLLAPSE PRESSURE (psi)	15280	15280	17190	18150	21010	21010	23880

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	2.747	2.747	2.747	2.747	2.747	2.747	2.747
	NOMINAL CONNECTION ID (in)	1.827	1.827	1.827	1.827	1.827	1.827	1.827
	MAKE-UP LOSS (in)	2.891	2.891	2.891	2.891	2.891	2.891	2.891
	COUPLING LENGTH (in)	6.770	6.770	6.770	6.770	6.770	6.77	6.770
	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)	71	71	80	84	98	98	111

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	135	135	152	161	186	186	212
		COMPRESSION WITH SEALABILITY (klb)	135	135	152	161	186	186	212
	RESISTANCE	INTERNAL PRESSURE (psi)	14970	14970	16840	17780	20590	20590	23390
		EXTERNAL PRESSURE (psi)	15280	15280	17190	18150	21010	21010	23880
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	154	154	174	183	212	212	241
		WITH SEALABILITY (degree/100ft)	30	30	30	30	30	30	30

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
	REGULAR	MINIMUM (ft.lb)	1680	1680	1800	1800	1950	1950	2050
		OPTIMUM (ft.lb)	1760	1760	1990	1990	2160	2160	2270
		MAXIMUM (ft.lb)	1840	1840	2180	2180	2370	2370	2490
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	90	90	100	100	110	110	120
		MAXIMUM (ft.lb)	1230	1230	1390	1390	1510	1510	1580
	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

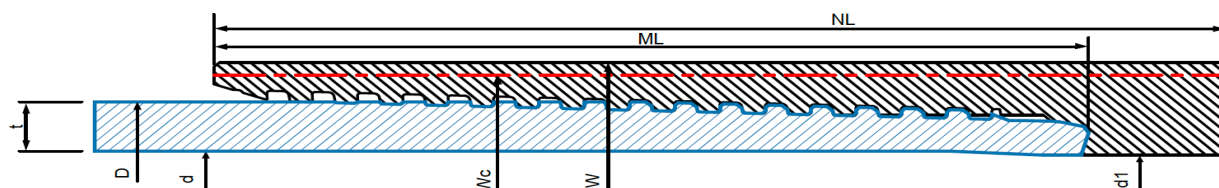
The above information is for reference only, and is subject to change or modification without notice. Please contact HSC for the latest information.

TECHNICAL INFORMATION

HSC MAX[®]



SIZE:	2 3/8"
WEIGHT:	6.30 lb/ft
WALL THICKNESS:	0.280"
DRIFT (API):	1.721"
THREADS/INCH (TPI) :	8



OUTSIDE DIA. (in): 2.375 INSIDE DIA. (in): 1.815 Plain End Weight: 6.27 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)	147	147	166	175	203	203	230
	INTERNAL YIELD PRESSURE (psi)	16510	16510	18570	19600	22690	22690	25790
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	1.843	1.843	1.843	1.843	1.843	1.843	1.843
	COLLAPSE PRESSURE (psi)	16640	16640	18720	19760	22880	22880	26000

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	2.782	2.782	2.782	2.782	2.782	2.782	2.782
	NOMINAL CONNECTION ID (in)	1.783	1.783	1.783	1.783	1.783	1.783	1.783
	MAKE-UP LOSS (in)	2.891	2.891	2.891	2.891	2.891	2.891	2.891
	COUPLING LENGTH (in)	6.770	6.770	6.770	6.770	6.770	6.77	6.770
	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)	81	81	91	96	111	111	126

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	147	147	166	175	203	203	230
		COMPRESSION WITH SEALABILITY (klb)	147	147	166	175	203	203	230
	RESISTANCE	INTERNAL PRESSURE (psi)	16510	16510	18570	19600	22690	22690	25790
		EXTERNAL PRESSURE (psi)	16640	16640	18720	19760	22880	22880	26000
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	154	154	174	183	212	212	241
		WITH SEALABILITY (degree/100ft)	30	30	30	30	30	30	30

RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
REGULAR	MINIMUM (ft.lb)	1940	1940	2070	2070	2230	2230	2340
	OPTIMUM (ft.lb)	2040	2040	2290	2290	2470	2470	2600
	MAXIMUM (ft.lb)	2140	2140	2510	2510	2710	2710	2860
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	110	110	120	120	130	130	130
	MAXIMUM (ft.lb)	1420	1420	1600	1600	1720	1720	1820
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

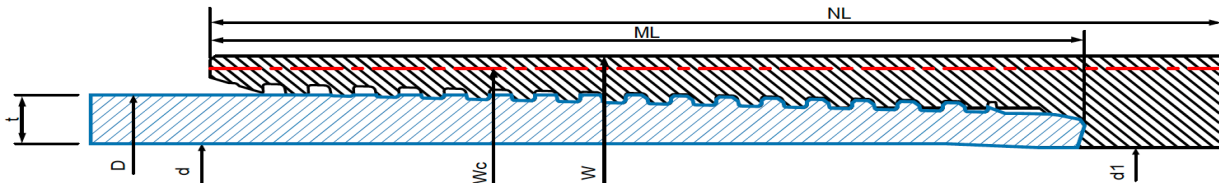
The above information is for reference only, and is subject to change or modification without notice. Please contact HSC for the latest information.

TECHNICAL INFORMATION

HSC MAX®



SIZE:	2 3/8"
WEIGHT:	6.60 lb/ft
WALL THICKNESS:	0.295"
DRIFT (API):	1.691"
THREADS/INCH (TPI) :	8



OUTSIDE DIA. (in): 2.375 INSIDE DIA. (in): 1.785 Plain End Weight: 6.56 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)	154	154	174	183	212	212	241
	INTERNAL YIELD PRESSURE (psi)	17390	17390	19560	20650	23910	23910	27170
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	1.928	1.928	1.928	1.928	1.928	1.928	1.928
	COLLAPSE PRESSURE (psi)	17410	17410	19580	20670	23930	23930	27200

PREMIUM THREADED & COUPLED CONNECTION		80	N80	90	95	110	C110	125
CONNECTION	NOMINAL CONNECTION OD (in)	2.802	2.802	2.802	2.802	2.802	2.802	2.802
	NOMINAL CONNECTION ID (in)	1.760	1.760	1.760	1.760	1.760	1.760	1.760
	MAKE-UP LOSS (in)	2.891	2.891	2.891	2.891	2.891	2.891	2.891
	COUPLING LENGTH (in)	6.770	6.770	6.770	6.770	6.770	6.770	6.770
	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)	86	86	97	103	119	119	135

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	154	154	174	183	212	212	241
		COMPRESSION WITH SEALABILITY (klb)	154	154	174	183	212	212	241
	RESISTANCE	INTERNAL PRESSURE (psi)	17390	17390	19560	20650	23910	23910	27170
		EXTERNAL PRESSURE (psi)	17410	17410	19580	20670	23930	23930	27200
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	154	154	174	183	212	212	241
		WITH SEALABILITY (degree/100ft)	30	30	30	30	30	30	30

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)	2090	2090	2210	2210	2390	2390	2520
	OPTIMUM (ft.lb)	2190	2190	2450	2450	2650	2650	2790
	MAXIMUM (ft.lb)	2290	2290	2690	2690	2910	2910	3060
SHOULDERING TORQUE (ft.lb)	MINIMUM (ft.lb)	110	110	130	130	140	140	140
	MAXIMUM (ft.lb)	1530	1530	1710	1710	1850	1850	1950
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

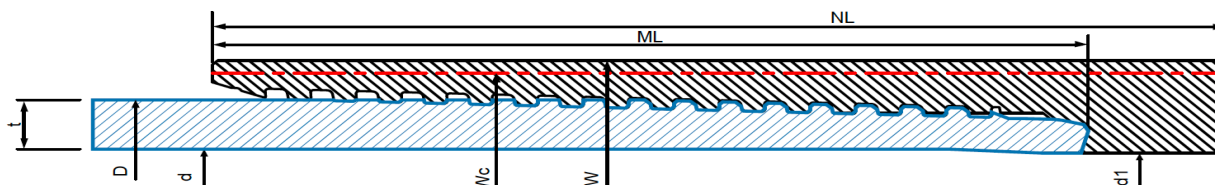
The above information is for reference only, and is subject to change or modification without notice. Please contact HSC for the latest information.

TECHNICAL INFORMATION



HSC MAX®

SIZE:	2 3/8"
WEIGHT:	7.35 lb/ft
WALL THICKNESS:	0.336"
DRIFT (API):	1.609"
THREADS/INCH (TPI) :	8



OUTSIDE DIA. (in): 2.375 INSIDE DIA. (in): 1.703 Plain End Weight: 7.32 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)	172	172	194	204	237	237	269
	INTERNAL YIELD PRESSURE (psi)	19810	19810	22280	23520	27230	27230	30950
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	2.152	2.152	2.152	2.152	2.152	2.152	2.152
	COLLAPSE PRESSURE (psi)	19430	19430	21860	23080	26720	26720	30360

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	2.853	2.853	2.853	2.853	2.853	2.853	2.853
	NOMINAL CONNECTION ID (in)	1.693	1.693	1.693	1.693	1.693	1.693	1.693
	MAKE-UP LOSS (in)	2.891	2.891	2.891	2.891	2.891	2.891	2.891
	COUPLING LENGTH (in)	6.770	6.770	6.770	6.770	6.770	6.77	6.770
	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)	101	101	114	120	139	139	158

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	172	172	194	204	237	237	269
		COMPRESSION WITH SEALABILITY (klb)	172	172	194	204	237	237	269
	RESISTANCE	INTERNAL PRESSURE (psi)	19810	19810	22280	23520	27230	27230	30950
		EXTERNAL PRESSURE (psi)	19430	19430	21860	23080	26720	26720	30360
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	154	154	174	183	212	212	241
		WITH SEALABILITY (degree/100ft)	30	30	30	30	30	30	30

MAKE UP		RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
		REGULAR	MINIMUM (ft.lb)	2490	2490	2640	2640	2840	2840	2980
			OPTIMUM (ft.lb)	2620	2620	2930	2930	3150	3150	3310
			MAXIMUM (ft.lb)	2750	2750	3220	3220	3460	3460	3640
		SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	140	140	150	150	160	160	170
			MAXIMUM (ft.lb)	1830	1830	2050	2050	2200	2200	2310
		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.