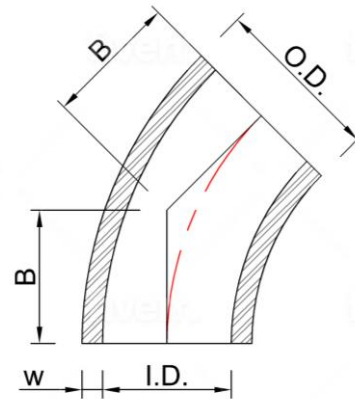


Project Name: \_\_\_\_\_  
Job #: \_\_\_\_\_

**ASTM A403, B16.9**  
**45° ELBOW - LONG RADIUS**



45° LONG RADIUS ELBOWS

Grade:  304L  316L  \_\_\_\_\_  
Seam:  Welded  Seamless  WPWX  
Source:  Import  Domestic  BAA  AIS  \_\_\_\_\_

**DIMENSIONS**

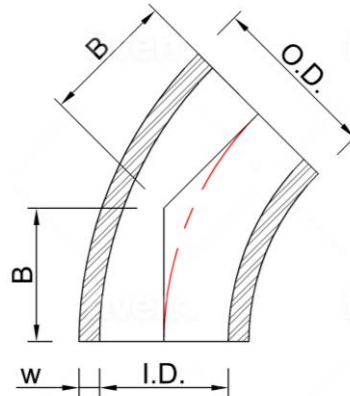
UOM: Inches/LBS

SELECT	NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	CENTER TO FACE (B)	SCHEDULE 5S <input type="checkbox"/> < SELECT			SCHEDULE 10S <input type="checkbox"/> < SELECT		
				Inside Diameter (I.D.)	Wall Thickness (W)	Approx Weight	Inside Diameter (I.D.)	Wall Thickness (W)	Approx Weight
<input type="checkbox"/>	½	0.840	5/8	0.710	0.065	0.06	0.674	0.083	0.07
<input type="checkbox"/>	¾	1.050	7/16	0.920	0.065	0.06	0.884	0.083	0.07
<input type="checkbox"/>	1	1.315	7/8	1.185	0.065	0.12	1.097	0.109	0.19
<input type="checkbox"/>	1 ¼	1.660	1	1.530	0.065	0.19	1.442	0.109	0.25
<input type="checkbox"/>	1 ½	1.900	1 1/8	1.770	0.065	0.25	1.682	0.109	0.38
<input type="checkbox"/>	2	2.375	1 3/8	2.245	0.065	0.31	2.157	0.109	0.56
<input type="checkbox"/>	2 ½	2.875	1 3/4	2.709	0.083	0.75	2.635	0.120	1.06
<input type="checkbox"/>	3	3.500	2	3.334	0.083	1.06	3.260	0.120	1.38
<input type="checkbox"/>	3 ½	4.000	2 1/4	3.834	0.083	1.16	3.760	0.120	1.66
<input type="checkbox"/>	4	4.500	2 1/2	4.334	0.083	1.66	4.260	0.120	2.38
<input type="checkbox"/>	5	5.563	3 1/8	5.345	0.109	3.25	5.295	0.134	4.00
<input type="checkbox"/>	6	6.625	3 3/4	6.407	0.109	5.00	6.357	0.134	6.00
<input type="checkbox"/>	8	8.625	5	8.407	0.109	8.65	8.329	0.148	11.75
<input type="checkbox"/>	10	10.750	6 1/4	10.482	0.134	16.00	10.420	0.165	21.50
<input type="checkbox"/>	12	12.750	7 1/2	12.438	0.156	25.50	12.390	0.180	30.00
<input type="checkbox"/>	14	14.000	8 3/4	13.688	0.156	34.00	13.624	0.188	40.00
<input type="checkbox"/>	16	16.000	10	15.670	0.165	50.00	15.624	0.188	52.50
<input type="checkbox"/>	18	18.000	11 1/4	17.670	0.165	62.50	17.624	0.188	66.00
<input type="checkbox"/>	20	20.000	12 1/2	19.624	0.188	82.50	19.564	0.218	110.00
<input type="checkbox"/>	24	24.000	15	23.564	0.218	140.00	23.500	0.250	155.00

ss wld ftg and pipe conform to ASTM A403 & MSS SP-43; dimensionally, all ftg conform to ASME B16.9 (≠ Wall) & MSS SP-43

Project Name: \_\_\_\_\_  
 Job #: \_\_\_\_\_

**ASTM A403, B16.9**  
**45° ELBOW - LONG RADIUS**



45° LONG RADIUS ELBOWS

Grade:  304L  316L  \_\_\_\_\_  
 Seam:  Welded  Seamless  WPWX  
 Source:  Import  Domestic  BAA  AIS  \_\_\_\_\_

**DIMENSIONS**

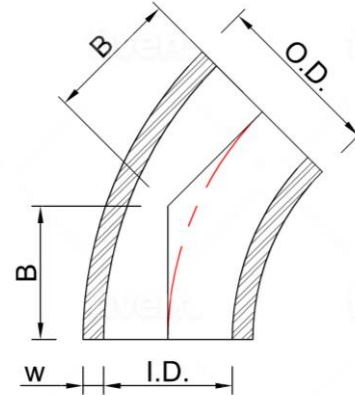
UOM: Inches/LBS

SELECT	NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	CENTER TO FACE (B)	SCHEDULE 40S <input type="checkbox"/> < SELECT			SCHEDULE 80S <input type="checkbox"/> < SELECT		
				Inside Diameter (I.D.)	Wall Thickness (W)	Approx Weight	Inside Diameter (I.D.)	Wall Thickness (W)	Approx Weight
<input type="checkbox"/>	½	0.840	5/8	0.622	0.109	0.09	0.546	0.147	0.12
<input type="checkbox"/>	¾	1.050	7/16	0.824	0.113	0.09	0.742	0.154	0.12
<input type="checkbox"/>	1	1.315	7/8	1.049	0.133	0.25	0.957	0.179	0.31
<input type="checkbox"/>	1 ¼	1.660	1	1.380	0.140	0.38	1.278	0.191	0.50
<input type="checkbox"/>	1 ½	1.900	1 1/8	1.610	0.145	0.50	1.500	0.200	0.63
<input type="checkbox"/>	2	2.375	1 3/8	2.067	0.154	0.88	1.939	0.218	1.13
<input type="checkbox"/>	2 ½	2.875	1 3/4	2.469	0.203	1.69	2.323	0.276	2.19
<input type="checkbox"/>	3	3.500	2	3.068	0.216	2.38	2.900	0.300	3.31
<input type="checkbox"/>	3 ½	4.000	2 1/4	3.548	0.226	3.13	3.364	0.318	4.40
<input type="checkbox"/>	4	4.500	2 1/2	4.026	0.237	4.60	3.826	0.337	6.82
<input type="checkbox"/>	5	5.563	3 1/8	5.047	0.258	7.57	4.813	0.375	10.56
<input type="checkbox"/>	6	6.625	3 3/4	6.065	0.280	12.00	5.761	0.432	18.00
<input type="checkbox"/>	8	8.625	5	7.981	0.322	23.75	7.625	0.500	36.50
<input type="checkbox"/>	10	10.750	6 1/4	10.020	0.365	42.50	9.750	0.500	57.00
<input type="checkbox"/>	12	12.750	7 1/2	12.000	0.375	65.50	11.750	0.500	87.50
<input type="checkbox"/>	14	14.000	8 3/4	13.250	0.375	77.50	13.000	0.500	103.00
<input type="checkbox"/>	16	16.000	10	15.250	0.375	101.00	15.000	0.500	134.00
<input type="checkbox"/>	18	18.000	11 1/4	17.250	0.375	131.00	17.000	0.500	175.00
<input type="checkbox"/>	20	20.000	12 1/2	19.250	0.375	165.00	19.000	0.500	219.00
<input type="checkbox"/>	24	24.000	15	23.250	0.375	232.00	23.000	0.500	308.00

ss wld ftg and pipe conform to ASTM A403 & MSS SP-43; dimensionally, all ftg conform to ASME B16.9  
 (= Wall) & MSS SP-43

Project Name: \_\_\_\_\_  
Job #: \_\_\_\_\_

**ASTM A403, B16.9**  
**45° ELBOW - LONG RADIUS**



45° LONG RADIUS ELBOWS

Grade:  304L  316L  \_\_\_\_\_  
Seam:  Welded  Seamless  WPWX  
Source:  Import  Domestic  BAA  AIS  \_\_\_\_\_

**DIMENSIONS**

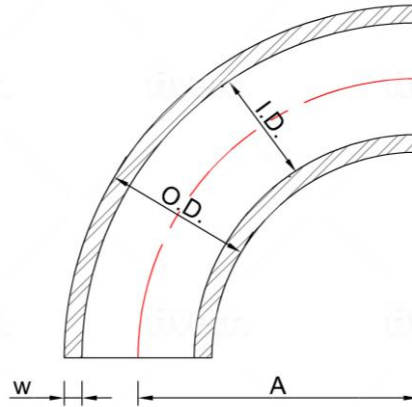
UOM: Inches/LBS

SELECT	NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	CENTER TO FACE (B)	SCHEDULE 160S <input type="checkbox"/> < SELECT			XX STRONG WALL <input type="checkbox"/> < SELECT		
				Inside Diameter (I.D.)	Wall Thickness (W)	Approx Weight	Inside Diameter (I.D.)	Wall Thickness (W)	Approx Weight
<input type="checkbox"/>	½	0.840	5/8	0.464	0.188	0.16	0.252	0.294	0.24
<input type="checkbox"/>	¾	1.050	7/16	0.612	0.219	0.16	0.434	0.308	0.24
<input type="checkbox"/>	1	1.315	7/8	0.815	0.250	0.43	0.599	0.358	0.62
<input type="checkbox"/>	1 ¼	1.660	1	1.160	0.250	0.85	0.896	0.382	1.00
<input type="checkbox"/>	1 ½	1.900	1 1/8	1.338	0.281	0.88	1.100	0.400	1.26
<input type="checkbox"/>	2	2.375	1 3/8	1.689	0.343	1.77	1.503	0.436	2.26
<input type="checkbox"/>	2 ½	2.875	1 3/4	2.125	0.375	2.95	1.771	0.552	4.38
<input type="checkbox"/>	3	3.500	2	2.624	0.438	4.80	2.300	0.600	6.62
<input type="checkbox"/>	3 ½	4.000	2 1/4	-----	-----	-----	2.728	0.636	8.80
<input type="checkbox"/>	4	4.500	2 1/2	3.438	0.531	10.87	3.152	0.674	13.64
<input type="checkbox"/>	5	5.563	3 1/8	4.313	0.625	17.52	4.063	0.750	21.12
<input type="checkbox"/>	6	6.625	3 3/4	5.187	0.719	20.88	4.897	0.864	36.00
<input type="checkbox"/>	8	8.625	5	6.813	0.906	64.24	6.875	0.875	63.87
<input type="checkbox"/>	10	10.750	6 1/4	8.500	1.125	127.00	-----	-----	-----
<input type="checkbox"/>	12	12.750	7 1/2	10.126	1.312	229.00	-----	-----	-----
<input type="checkbox"/>	14	14.000	8 3/4	11.188	1.406	-----	-----	-----	-----
<input type="checkbox"/>	16	16.000	10	12.812	1.594	-----	-----	-----	-----
<input type="checkbox"/>	18	18.000	11 1/4	14.438	1.781	-----	-----	-----	-----
<input type="checkbox"/>	20	20.000	12 1/2	16.062	1.969	-----	-----	-----	-----
<input type="checkbox"/>	24	24.000	15	19.312	2.344	-----	-----	-----	-----

ss wld ftg and pipe conform to ASTM A403 & MSS SP-43; dimensionally, all ftg conform to ASME B16.9 (≠ Wall) & MSS SP-43

Project Name: \_\_\_\_\_  
Job #: \_\_\_\_\_

**ASTM A403, B16.9**  
**90° ELBOW - LONG RADIUS**



90° LONG RADIUS ELBOWS

Grade:  304L  316L  \_\_\_\_\_  
Seam:  Welded  Seamless  WPWX  
Source:  Import  Domestic  BAA  AIS  \_\_\_\_\_

**DIMENSIONS**

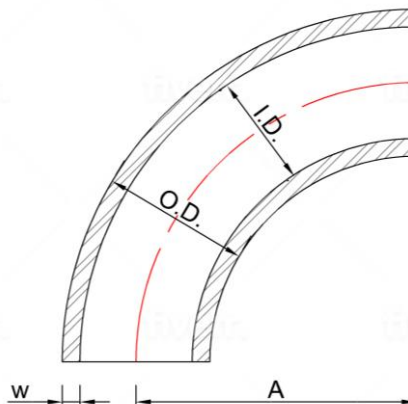
UOM: Inches/LBS

SELECT	NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	CENTER TO FACE (A)	SCHEDULE 5S <input type="checkbox"/> < SELECT			SCHEDULE 10S <input type="checkbox"/> < SELECT		
				Inside Diameter (I.D.)	Wall Thickness (W)	Approx Weight	Inside Diameter (I.D.)	Wall Thickness (W)	Approx Weight
<input type="checkbox"/>	½	0.840	1 ½	0.710	0.065	0.12	0.674	0.083	0.14
<input type="checkbox"/>	¾	1.050	1 ½	0.920	0.065	0.13	0.884	0.083	0.15
<input type="checkbox"/>	1	1.315	1 ½	1.185	0.065	0.19	1.097	0.109	0.30
<input type="checkbox"/>	1 ¼	1.660	1 ⅞	1.530	0.065	0.31	1.442	0.109	0.50
<input type="checkbox"/>	1 ½	1.900	2 ¼	1.770	0.065	0.38	1.682	0.109	0.69
<input type="checkbox"/>	2	2.375	3	2.245	0.065	0.64	2.157	0.109	1.13
<input type="checkbox"/>	2 ½	2.875	3 ¾	2.709	0.083	1.50	2.635	0.120	1.88
<input type="checkbox"/>	3	3.500	4 ½	3.334	0.083	2.00	3.260	0.120	2.69
<input type="checkbox"/>	3 ½	4.000	5 ¼	3.834	0.083	2.62	3.760	0.120	3.75
<input type="checkbox"/>	4	4.500	6	4.334	0.083	3.31	4.260	0.120	4.75
<input type="checkbox"/>	5	5.563	7 ½	5.345	0.109	6.50	5.295	0.134	8.00
<input type="checkbox"/>	6	6.625	9	6.407	0.109	10.00	6.357	0.134	12.00
<input type="checkbox"/>	8	8.625	12	8.407	0.109	17.30	8.329	0.148	23.50
<input type="checkbox"/>	10	10.750	15	10.482	0.134	32.00	10.420	0.165	43.00
<input type="checkbox"/>	12	12.750	18	12.438	0.156	51.00	12.390	0.180	60.00
<input type="checkbox"/>	14	14.000	21	13.688	0.156	68.00	13.624	0.188	80.00
<input type="checkbox"/>	16	16.000	24	15.670	0.165	100.00	15.624	0.188	105.00
<input type="checkbox"/>	18	18.000	27	17.670	0.165	125.00	17.624	0.188	132.00
<input type="checkbox"/>	20	20.000	30	19.624	0.188	165.00	19.564	0.218	220.00
<input type="checkbox"/>	24	24.000	36	23.564	0.218	280.00	23.500	0.250	310.00

ss wld ftg and pipe conform to ASTM A403 & MSS SP-43; dimensionally, all ftg conform to ASME B16.9 (= Wall) & MSS SP-43

Project Name: \_\_\_\_\_  
Job #: \_\_\_\_\_

**ASTM A403, B16.9**  
**90° ELBOW - LONG RADIUS**



90° LONG RADIUS ELBOWS

Grade:  304L  316L  \_\_\_\_\_  
Seam:  Welded  Seamless  WPWX  
Source:  Import  Domestic  BAA  AIS  \_\_\_\_\_

**DIMENSIONS**

UOM: Inches/LBS

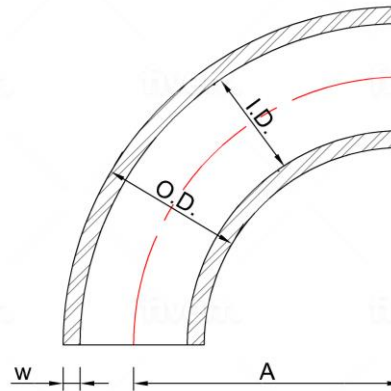
SELECT	NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	CENTER TO FACE (A)	SCHEDULE 40S <input type="checkbox"/> < SELECT			SCHEDULE 80S <input type="checkbox"/> < SELECT		
				Inside Diameter (I.D.)	Wall Thickness (W)	Approx Weight	Inside Diameter (I.D.)	Wall Thickness (W)	Approx Weight
<input type="checkbox"/>	½	0.840	1 ½	0.622	0.109	0.18	0.546	0.147	0.23
<input type="checkbox"/>	¾	1.050	1 ½	0.824	0.113	0.19	0.742	0.154	0.25
<input type="checkbox"/>	1	1.315	1 ½	1.049	0.133	0.35	0.957	0.179	0.48
<input type="checkbox"/>	1 ¼	1.660	1 ⅞	1.380	0.140	0.56	1.278	0.191	0.88
<input type="checkbox"/>	1 ½	1.900	2 ¼	1.610	0.145	0.88	1.500	0.200	1.13
<input type="checkbox"/>	2	2.375	3	2.067	0.154	1.56	1.939	0.218	2.00
<input type="checkbox"/>	2 ½	2.875	3 ¾	2.469	0.203	3.00	2.323	0.276	4.00
<input type="checkbox"/>	3	3.500	4 ½	3.068	0.216	4.81	2.900	0.300	6.56
<input type="checkbox"/>	3 ½	4.000	5 ¼	3.548	0.226	6.25	3.364	0.318	8.80
<input type="checkbox"/>	4	4.500	6	4.026	0.237	9.19	3.826	0.337	13.63
<input type="checkbox"/>	5	5.563	7 ½	5.047	0.258	15.13	4.813	0.375	21.13
<input type="checkbox"/>	6	6.625	9	6.065	0.280	24.00	5.761	0.432	36.00
<input type="checkbox"/>	8	8.625	12	7.981	0.322	47.50	7.625	0.500	73.00
<input type="checkbox"/>	10	10.750	15	10.020	0.365	85.00	9.750	0.500	114.00
<input type="checkbox"/>	12	12.750	18	12.000	0.375	131.00	11.750	0.500	175.00
<input type="checkbox"/>	14	14.000	21	13.250	0.375	155.00	13.000	0.500	206.00
<input type="checkbox"/>	16	16.000	24	15.250	0.375	202.00	15.000	0.500	269.00
<input type="checkbox"/>	18	18.000	27	17.250	0.375	269.00	17.000	0.500	350.00
<input type="checkbox"/>	20	20.000	30	19.250	0.375	330.00	19.000	0.500	439.00
<input type="checkbox"/>	24	24.000	36	23.250	0.375	464.00	23.000	0.500	617.00

ss wld ftg and pipe conform to ASTM A403 & MSS SP-43; dimensionally, all ftg conform to ASME B16.9  
(≠ Wall) & MSS SP-43

Project Name: \_\_\_\_\_

Job #: \_\_\_\_\_

**ASTM A403, B16.9**  
**90° ELBOW - LONG RADIUS**



90° LONG RADIUS ELBOWS

Grade:  304L     316L     \_\_\_\_\_  
 Seam:  Welded     Seamless     WPWX  
 Source:  Import     Domestic     BAA     AIS     \_\_\_\_\_

**DIMENSIONS**

UOM: Inches/LBS

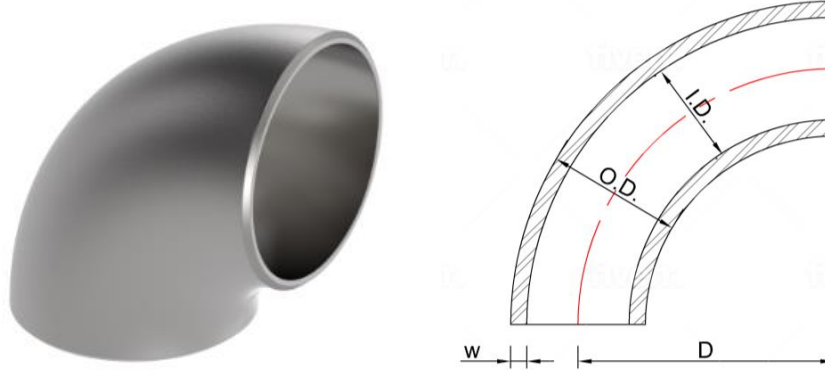
SELECT	NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	CENTER TO FACE (A)	SCHEDULE 160S <input type="checkbox"/> < SELECT			XX STRONG WALL <input type="checkbox"/> < SELECT		
				Inside Diameter (I.D.)	Wall Thickness (W)	Approx Weight	Inside Diameter (I.D.)	Wall Thickness (W)	Approx Weight
<input type="checkbox"/>	½	0.840	1 ½	0.464	0.188	0.29	0.252	0.294	0.46
<input type="checkbox"/>	¾	1.050	1 ½	0.612	0.219	0.35	0.434	0.308	0.50
<input type="checkbox"/>	1	1.315	1 ½	0.815	0.250	0.67	0.599	0.358	0.96
<input type="checkbox"/>	1 ¼	1.660	1 ¾	1.160	0.250	1.15	0.896	0.382	1.76
<input type="checkbox"/>	1 ½	1.900	2 ¼	1.338	0.281	1.59	1.100	0.400	2.26
<input type="checkbox"/>	2	2.375	3	1.689	0.343	3.14	1.503	0.436	4.00
<input type="checkbox"/>	2 ½	2.875	3 ¾	2.125	0.375	5.44	1.771	0.552	8.00
<input type="checkbox"/>	3	3.500	4 ½	2.624	0.438	9.58	2.300	0.600	13.12
<input type="checkbox"/>	3 ½	4.000	5 ¼	-----	-----	-----	2.728	0.636	17.60
<input type="checkbox"/>	4	4.500	6	3.438	0.531	21.53	3.152	0.674	27.26
<input type="checkbox"/>	5	5.563	7 ½	4.313	0.625	35.29	4.063	0.750	42.26
<input type="checkbox"/>	6	6.625	9	5.187	0.719	56.76	4.897	0.864	72.00
<input type="checkbox"/>	8	8.625	12	6.813	0.906	132.00	6.875	0.875	127.00
<input type="checkbox"/>	10	10.750	15	8.500	1.125	256.00	-----	-----	-----
<input type="checkbox"/>	12	12.750	18	10.126	1.312	458.00	-----	-----	-----
<input type="checkbox"/>	14	14.000	21	11.188	1.406	-----	-----	-----	-----
<input type="checkbox"/>	16	16.000	24	12.812	1.594	-----	-----	-----	-----
<input type="checkbox"/>	18	18.000	27	14.438	1.781	-----	-----	-----	-----
<input type="checkbox"/>	20	20.000	30	16.062	1.969	-----	-----	-----	-----
<input type="checkbox"/>	24	24.000	36	19.312	2.344	-----	-----	-----	-----

ss wld ftg and pipe conform to ASTM A403 & MSS SP-43; dimensionally, all ftg conform to ASME B16.9 (≠ Wall) & MSS SP-43

Project Name: \_\_\_\_\_  
 Job #: \_\_\_\_\_

# ASTM A403, B16.9

## 90° ELBOW – SHORT RADIUS



90° SHORT RADIUS ELBOWS

Grade:  304L     316L     \_\_\_\_\_  
 Seam:     Welded     Seamless     WPWX  
 Source:  Import     Domestic     BAA     AIS     \_\_\_\_\_

### DIMENSIONS

UOM: Inches/LBS

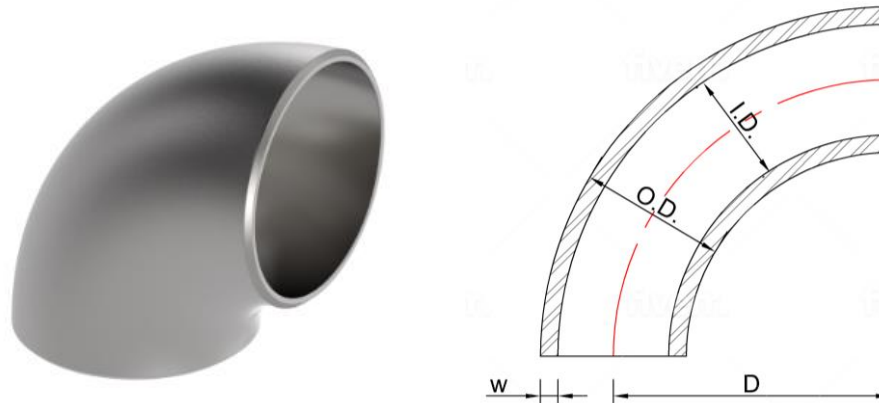
SELECT	NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	CENTER TO FACE (A)	SCHEDULE 5S <input type="checkbox"/> < SELECT			SCHEDULE 10S <input type="checkbox"/> < SELECT		
				Inside Diameter (I.D.)	Wall Thickness (W)	Approx Weight	Inside Diameter (I.D.)	Wall Thickness (W)	Approx Weight
<input type="checkbox"/>	1	1.315	1	1.185	0.065	0.17	1.097	0.109	0.23
<input type="checkbox"/>	1 ¼	1.660	1 ¼	1.530	0.065	0.31	1.442	0.109	0.38
<input type="checkbox"/>	1 ½	1.900	1 ½	1.770	0.065	0.43	1.682	0.109	0.49
<input type="checkbox"/>	2	2.375	2	2.245	0.065	0.63	2.157	0.109	0.81
<input type="checkbox"/>	2 ½	2.875	2 ½	2.709	0.083	1.25	2.635	0.120	1.36
<input type="checkbox"/>	3	3.500	3	3.334	0.083	1.75	3.260	0.120	2.17
<input type="checkbox"/>	3 ½	4.000	3 ½	3.834	0.083	2.35	3.760	0.120	3.05
<input type="checkbox"/>	4	4.500	4	4.334	0.083	3.12	4.260	0.120	3.79
<input type="checkbox"/>	5	5.563	5	5.345	0.109	4.94	5.295	0.134	6.12
<input type="checkbox"/>	6	6.625	6	6.407	0.109	7.75	6.357	0.134	9.15
<input type="checkbox"/>	8	8.625	8	8.407	0.109	15.44	8.329	0.148	17.63
<input type="checkbox"/>	10	10.750	10	10.482	0.134	27.40	10.420	0.165	35.00
<input type="checkbox"/>	12	12.750	12	12.438	0.156	35.00	12.390	0.180	40.00
<input type="checkbox"/>	14	14.000	14	13.688	0.156	44.00	13.624	0.188	52.00
<input type="checkbox"/>	16	16.000	16	15.670	0.165	65.00	15.624	0.188	68.00
<input type="checkbox"/>	18	18.000	18	17.670	0.165	81.00	17.624	0.188	86.00
<input type="checkbox"/>	20	20.000	20	19.624	0.188	107.00	19.564	0.218	143.00
<input type="checkbox"/>	24	24.000	24	23.564	0.218	182.00	23.500	0.250	202.00

ss wld ftg and pipe conform to ASTM A403 & MSS SP-43; dimensionally, all ftg conform to ASME B16.9  
 (= Wall) & MSS SP-43

Project Name: \_\_\_\_\_  
Job #: \_\_\_\_\_

## ASTM A403, B16.9

### 90° ELBOW - SHORT RADIUS



90° SHORT RADIUS ELBOWS

Grade:  304L     316L     \_\_\_\_\_  
 Seam:  Welded     Seamless     WPWX  
 Source:  Import     Domestic     BAA     AIS     \_\_\_\_\_

## DIMENSIONS

UOM: Inches/LBS

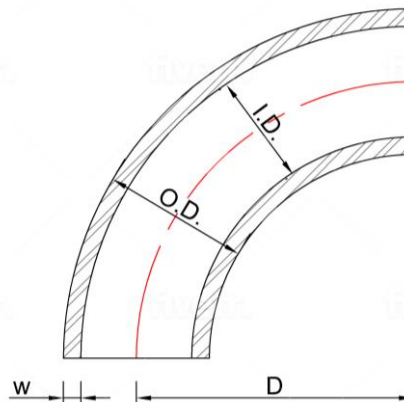
SELECT	NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	CENTER TO FACE (A)	SCHEDULE 40S <input type="checkbox"/> <- SELECT			SCHEDULE 80S <input type="checkbox"/> <- SELECT		
				Inside Diameter (I.D.)	Wall Thickness (W)	Approx Weight	Inside Diameter (I.D.)	Wall Thickness (W)	Approx Weight
<input type="checkbox"/>	1	1.315	1	1.049	0.133	0.26	0.957	0.179	0.38
<input type="checkbox"/>	1 ¼	1.660	1 ¼	1.380	0.140	0.45	1.278	0.191	0.63
<input type="checkbox"/>	1 ½	1.900	1 ½	1.610	0.145	0.63	1.500	0.200	0.88
<input type="checkbox"/>	2	2.375	2	2.067	0.154	1.13	1.939	0.218	1.55
<input type="checkbox"/>	2 ½	2.875	2 ½	2.469	0.203	2.25	2.323	0.276	2.88
<input type="checkbox"/>	3	3.500	3	3.068	0.216	3.31	2.900	0.300	4.20
<input type="checkbox"/>	3 ½	4.000	3 ½	3.548	0.226	4.54	3.364	0.318	5.35
<input type="checkbox"/>	4	4.500	4	4.026	0.237	6.88	3.826	0.337	9.06
<input type="checkbox"/>	5	5.563	5	5.047	0.258	11.63	4.813	0.375	16.10
<input type="checkbox"/>	6	6.625	6	6.065	0.280	17.50	5.761	0.432	26.00
<input type="checkbox"/>	8	8.625	8	7.981	0.322	37.60	7.625	0.500	54.80
<input type="checkbox"/>	10	10.750	10	10.020	0.365	63.00	9.750	0.500	99.80
<input type="checkbox"/>	12	12.750	12	12.000	0.375	80.00	11.750	0.500	125.00
<input type="checkbox"/>	14	14.000	14	13.250	0.375	101.00	13.000	0.500	135.00
<input type="checkbox"/>	16	16.000	16	15.250	0.375	131.00	15.000	0.500	175.00
<input type="checkbox"/>	18	18.000	18	17.250	0.375	175.00	17.000	0.500	228.00
<input type="checkbox"/>	20	20.000	20	19.250	0.375	215.00	19.000	0.500	285.00
<input type="checkbox"/>	24	24.000	24	23.250	0.375	302.00	23.000	0.500	401.00

ss wld ftg and pipe conform to ASTM A403 & MSS SP-43; dimensionally, all ftg conform to ASME B16.9 (= Wall) & MSS SP-43

Project Name: \_\_\_\_\_  
Job #: \_\_\_\_\_

## ASTM A403, B16.9

### 90° ELBOW – SHORT RADIUS



90° SHORT RADIUS ELBOWS

Grade:  304L     316L     \_\_\_\_\_  
 Seam:  Welded     Seamless     WPWX  
 Source:  Import     Domestic     BAA     AIS     \_\_\_\_\_

## DIMENSIONS

UOM: Inches/LBS

SELECT	NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	CENTER TO FACE (A)	SCHEDULE 160S <input type="checkbox"/> < SELECT			XX STRONG WALL <input type="checkbox"/> < SELECT		
				Inside Diameter (I.D.)	Wall Thickness (W)	Approx Weight	Inside Diameter (I.D.)	Wall Thickness (W)	Approx Weight
<input type="checkbox"/>	1	1.315	1	0.815	0.250	0.53	0.599	0.358	0.76
<input type="checkbox"/>	1 ¼	1.660	1 ¼	1.160	0.250	0.82	0.896	0.382	1.26
<input type="checkbox"/>	1 ½	1.900	1 ½	1.338	0.281	1.23	1.100	0.400	1.76
<input type="checkbox"/>	2	2.375	2	1.689	0.343	2.43	1.503	0.436	3.10
<input type="checkbox"/>	2 ½	2.875	2 ½	2.125	0.375	3.88	1.771	0.552	5.76
<input type="checkbox"/>	3	3.500	3	2.624	0.438	6.09	2.300	0.600	8.40
<input type="checkbox"/>	3 ½	4.000	3 ½	-----	-----	-----	2.728	0.636	10.70
<input type="checkbox"/>	4	4.500	4	3.438	0.531	14.22	3.152	0.674	18.12
<input type="checkbox"/>	5	5.563	5	4.313	0.625	26.72	4.063	0.750	32.20
<input type="checkbox"/>	6	6.625	6	5.187	0.719	43.16	4.897	0.864	52.00
<input type="checkbox"/>	8	8.625	8	6.813	0.906	99.18	6.875	0.875	109.00
<input type="checkbox"/>	10	10.750	10	8.500	1.125	224.00	-----	-----	-----
<input type="checkbox"/>	12	12.750	12	10.126	1.312	327.00	-----	-----	-----
<input type="checkbox"/>	14	14.000	14	11.188	1.406	-----	-----	-----	-----
<input type="checkbox"/>	16	16.000	16	12.812	1.594	-----	-----	-----	-----
<input type="checkbox"/>	18	18.000	18	14.438	1.781	-----	-----	-----	-----
<input type="checkbox"/>	20	20.000	20	16.062	1.969	-----	-----	-----	-----
<input type="checkbox"/>	24	24.000	24	19.312	2.344	-----	-----	-----	-----

ss wld fgt and pipe conform to ASTM A403 & MSS SP-43; dimensionally, all fgt conform to ASME B16.9 (= Wall) & MSS SP-43