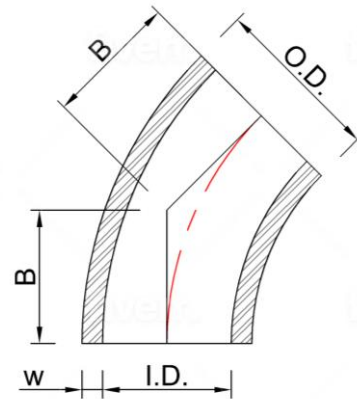


Project Name: _____
Job #: _____

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

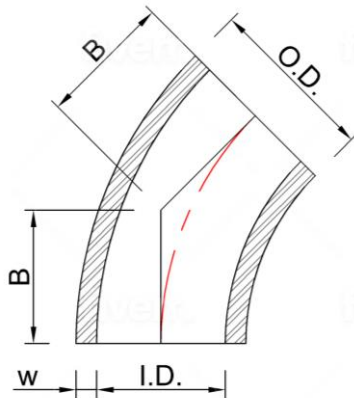
UOM: Inches/LBS

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

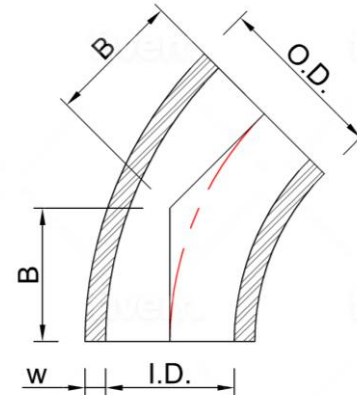
SELECT	NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	CENTER TO FACE (B)	SCHEDULE 40S ☐ < SELECT			SCHEDULE 80S ☐ < SELECT		
				Inside Diameter (I.D.)	Wall Thickness (W)	Approx Weight	Inside Diameter (I.D.)	Wall Thickness (W)	Approx Weight
☐	½	0.840	5/8	0.622	0.109	0.09	0.546	0.147	0.12
☐	¾	1.050	7/16	0.824	0.113	0.09	0.742	0.154	0.12
☐	1	1.315	7/8	1.049	0.133	0.25	0.957	0.179	0.31
☐	1 ¼	1.660	1	1.380	0.140	0.38	1.278	0.191	0.50
☐	1 ½	1.900	1 1/8	1.610	0.145	0.50	1.500	0.200	0.63
☐	2	2.375	1 3/8	2.067	0.154	0.88	1.939	0.218	1.13
☐	2 ½	2.875	1 3/4	2.469	0.203	1.69	2.323	0.276	2.19
☐	3	3.500	2	3.068	0.216	2.38	2.900	0.300	3.31
☐	3 ½	4.000	2 1/4	3.548	0.226	3.13	3.364	0.318	4.40
☐	4	4.500	2 1/2	4.026	0.237	4.60	3.826	0.337	6.82
☐	5	5.563	3 1/8	5.047	0.258	7.57	4.813	0.375	10.56
☐	6	6.625	3 3/4	6.065	0.280	12.00	5.761	0.432	18.00
☐	8	8.625	5	7.981	0.322	23.75	7.625	0.500	36.50
☐	10	10.750	6 1/4	10.020	0.365	42.50	9.750	0.500	57.00
☐	12	12.750	7 1/2	12.000	0.375	65.50	11.750	0.500	87.50
☐	14	14.000	8 3/4	13.250	0.375	77.50	13.000	0.500	103.00
☐	16	16.000	10	15.250	0.375	101.00	15.000	0.500	134.00
☐	18	18.000	11 1/4	17.250	0.375	131.00	17.000	0.500	175.00
☐	20	20.000	12 1/2	19.250	0.375	165.00	19.000	0.500	219.00
☐	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 ☐ < SELECT			XX STRONG WALL ☐ < SELECT		
				Inside Diameter (I.D.)	Wall Thickness (W)	Approx Weight	Inside Diameter (I.D.)	Wall Thickness (W)	Approx Weight
☐	½	0.840	5/8	0.464	0.188	0.16	0.252	0.294	0.24
☐	¾	1.050	7/16	0.612	0.219	0.16	0.434	0.308	0.24
☐	1	1.315	7/8	0.815	0.250	0.43	0.599	0.358	0.62
☐	1 ¼	1.660	1	1.160	0.250	0.85	0.896	0.382	1.00
☐	1 ½	1.900	1 1/8	1.338	0.281	0.88	1.100	0.400	1.26
☐	2	2.375	1 3/8	1.689	0.343	1.77	1.503	0.436	2.26
☐	2 ½	2.875	1 3/4	2.125	0.375	2.95	1.771	0.552	4.38
☐	3	3.500	2	2.624	0.438	4.80	2.300	0.600	6.62
☐	3 ½	4.000	2 1/4	-----	-----	-----	2.728	0.636	8.80
☐	4	4.500	2 1/2	3.438	0.531	10.87	3.152	0.674	13.64
☐	5	5.563	3 1/8	4.313	0.625	17.52	4.063	0.750	21.12
☐	6	6.625	3 3/4	5.187	0.719	20.88	4.897	0.864	36.00
☐	8	8.625	5	6.813	0.906	64.24	6.875	0.875	63.87
☐	10	10.750	6 1/4	8.500	1.125	127.00	-----	-----	-----
☐	12	12.750	7 1/2	10.126	1.312	229.00	-----	-----	-----
☐	14	14.000	8 3/4	11.188	1.406	-----	-----	-----	-----
☐	16	16.000	10	12.812	1.594	-----	-----	-----	-----
☐	18	18.000	11 1/4	14.438	1.781	-----	-----	-----	-----
☐	20	20.000	12 1/2	16.062	1.969	-----	-----	-----	-----
☐	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