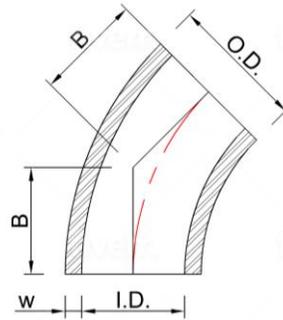


Project Name: _____
 Job #: _____

45° ELBOW - LONG RADIUS

ASME B16.9 & ASTM A234 WPB



45° LONG RADIUS ELBOWS

Source: Import Domestic Approved

DIMENSIONS

UOM: Inches/LBS

NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	CENTER TO END (A)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	PIPE SCHEDULE (STD)	APPROX WEIGHT
1/2	0.84	0.62	0.622	0.109	40	0.09
3/4	1.05	0.75	0.824	0.113	40	0.10
1	1.32	0.88	1.049	0.133	40	0.22
1 1/4	1.66	1.00	1.380	0.140	40	0.33
1 1/2	1.90	1.12	1.610	0.145	40	0.43
2	2.38	1.38	2.067	0.154	40	0.85
2 1/2	2.88	1.75	2.469	0.203	40	1.70
3	3.50	2.00	3.068	0.216	40	2.50
3 1/2	4.00	2.25	3.548	0.226	40	3.40
4	4.50	2.50	4.026	0.237	40	4.50
5	5.56	3.12	5.047	0.258	40	7.50
6	6.62	3.75	6.065	0.280	40	11.70
8	8.62	5.00	7.981	0.322	40	23.30
10	10.75	6.25	10.020	0.365	40	40.90
12	12.75	7.50	12.000	0.375	-	61.40
14	14.00	8.75	13.250	0.375	30	78.10
16	16.00	10.00	15.250	0.375	30	101.00
18	18.00	11.25	17.250	0.375	-	128.00
20	20.00	12.50	19.250	0.375	20	159.00
24	24.00	15.00	23.250	0.375	20	231.00
30	30.00	18.50	29.250	0.375	-	358.00
36	36.00	22.25	35.250	0.375	-	518.00
42	42.00	26.00	41.250	0.375	-	707.00
48	48.00	29.88	47.250	0.375	-	1000.00

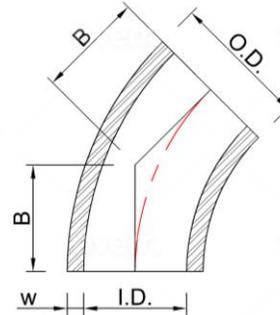
FITTINGS LR45

Project Name: _____

Job #: _____

45° ELBOW - LONG RADIUS

ASME B16.9 & ASTM A234 WPB



45° LONG RADIUS ELBOWS

Source: Import Domestic Approved

DIMENSIONS

UOM: Inches/LBS

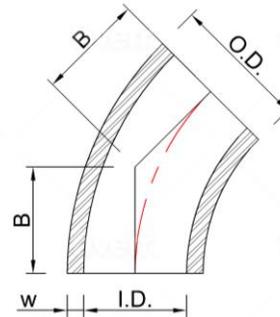
NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	CENTER TO END (A)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	PIPE SCHEDULE (XS)	APPROX WEIGHT
1/2	0.84	0.62	0.546	0.147	80	0.15
3/4	1.05	0.75	0.742	0.154	80	0.16
1	1.32	0.88	0.957	0.179	80	0.28
1 1/4	1.66	1.00	0.278	0.191	80	0.45
1 1/2	1.90	1.12	1.500	0.200	80	0.61
2	2.38	1.38	1.939	0.218	80	1.20
2 1/2	2.88	1.75	2.323	0.276	80	2.00
3	3.50	2.00	2.900	0.300	80	3.30
3 1/2	4.00	2.25	3.364	0.318	80	4.50
4	4.50	2.50	3.820	0.337	80	6.20
5	5.56	3.12	4.813	0.375	80	10.50
6	6.62	3.75	5.761	0.432	80	17.00
8	8.62	5.00	7.625	0.500	80	34.30
10	10.75	6.25	9.750	0.500	60	53.50
12	12.75	7.50	11.750	0.500	-	77.60
14	14.00	8.75	13.000	0.500	-	100.00
16	16.00	10.00	15.000	0.500	40	134.00
18	18.00	11.25	17.000	0.500	-	170.00
20	20.00	12.50	19.000	0.500	30	209.00
24	24.00	15.00	23.000	0.500	-	302.00
30	30.00	18.50	29.000	0.500	20	475.10
36	36.00	22.25	35.000	0.500	20	686.10
42	42.00	26.00	41.000	0.500	-	936.10
48	48.00	29.88	47.000	0.500	-	1250.00

FITTINGS LR45

Project Name: _____
 Job #: _____

45° ELBOW - LONG RADIUS

ASME B16.9 & ASTM A234 WPB



45° LONG RADIUS ELBOWS

Source: Import Domestic Approved

DIMENSIONS

UOM: Inches/LBS

NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	CENTER TO END (A)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	PIPE SCHEDULE (40)	APPROX WEIGHT
1/2	0.84	0.62	0.622	0.109	40	0.09
3/4	1.05	0.75	0.824	0.113	40	0.10
1	1.32	0.88	1.054	0.133	40	0.22
1 1/4	1.66	1.00	1.380	0.140	40	0.33
1 1/2	1.90	1.12	1.610	0.145	40	0.43
2	2.38	1.38	2.072	0.154	40	0.85
2 1/2	2.88	1.75	2.474	0.203	40	1.70
3	3.50	2.00	3.068	0.216	40	2.50
3 1/2	4.00	2.25	3.548	0.226	40	3.40
4	4.50	2.50	4.026	0.237	40	4.50
5	5.56	3.12	5.044	0.258	40	7.50
6	6.62	3.75	6.060	0.280	40	11.70
8	8.62	5.00	7.976	0.322	40	23.30
10	10.75	6.25	10.020	0.365	40	40.90
12	12.75	7.50	11.938	0.406	40	65.00
14	14.00	8.75	13.124	0.438	40	80.00
16	16.00	10.00	15.000	0.500	40	105.00
18	18.00	11.25	16.786	0.562	40	130.00
20	20.00	12.50	18.812	0.594	40	165.00
24	24.00	15.00	22.624	0.688	40	235.00

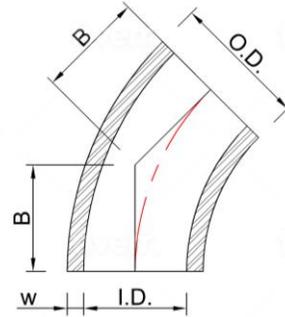
FITTINGS LR45

Project Name: _____
 Job #: _____

45° ELBOW - LONG RADIUS

ASME B16.9 & ASTM A234 WPB

FITTINGS LR45



45° LONG RADIUS ELBOWS

Source: Import Domestic Approved

DIMENSIONS

UOM: Inches/LBS

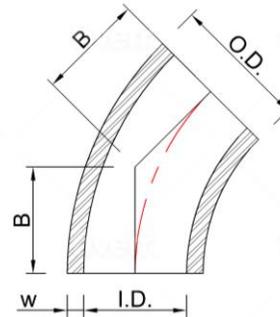
NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	CENTER TO END (A)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	PIPE SCHEDULE (80)	APPROX WEIGHT
1/2	0.84	0.62	0.546	0.147	80	0.15
3/4	1.05	0.75	0.742	0.154	80	0.16
1	1.32	0.88	0.962	0.179	80	0.28
1 1/4	1.66	1.00	1.278	0.191	80	0.45
1 1/2	1.90	1.12	1.500	0.200	80	0.61
2	2.38	1.38	1.944	0.218	80	1.20
2 1/2	2.88	1.75	2.328	0.276	80	2.00
3	3.50	2.00	2.900	0.300	80	3.30
3 1/2	4.00	2.25	3.364	0.318	80	4.50
4	4.50	2.50	3.826	0.337	80	6.20
5	5.56	3.12	4.810	0.375	80	10.50
6	6.62	3.75	5.756	0.432	80	17.00
8	8.62	5.00	7.620	0.500	80	34.30
10	10.75	6.25	9.562	0.594	80	55.00
12	12.75	7.50	11.374	0.688	80	80.00
14	14.00	8.75	12.500	0.750	80	100.00
16	16.00	10.00	14.312	0.844	80	135.00
18	18.00	11.25	16.124	0.938	80	175.00
20	20.00	12.50	17.938	1.031	80	210.00
24	24.00	15.00	21.562	1.219	80	305.00



Project Name: _____
 Job #: _____

45° ELBOW - LONG RADIUS

ASME B16.9 & ASTM A234 WPB



45° LONG RADIUS ELBOWS

Source: Import Domestic Approved

DIMENSIONS

UOM: Inches/LBS

NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	CENTER TO END (A)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	PIPE SCHEDULE (160)	APPROX WEIGHT
1/2	0.84	0.62	0.464	0.188	160	1.80
3/4	1.05	0.75	0.612	0.219	160	2.00
1	1.32	0.88	0.820	0.250	160	3.00
1 1/4	1.66	1.00	1.160	0.250	160	3.50
1 1/2	1.90	1.12	1.338	0.281	160	3.70
2	2.38	1.38	1.692	0.344	160	5.00
2 1/2	2.88	1.75	2.130	0.375	160	3.70
3	3.50	2.00	2.624	0.438	160	5.60
4	4.50	2.50	3.438	0.531	160	5.60
5	5.56	3.12	4.310	0.625	160	15.00
6	6.62	3.75	5.182	0.719	160	28.00
8	8.62	5.00	6.808	0.906	160	48.00
10	10.75	6.25	8.500	1.125	160	72.00
12	12.75	7.50	10.126	1.312	160	98.00
14	14.00	8.75	11.188	1.406	160	130.00
16	16.00	10.00	12.812	1.594	160	180.00
18	18.00	11.25	14.438	1.781	160	260.00
20	20.00	12.50	16.062	1.969	160	390.00
24	24.00	15.00	19.312	2.344	160	560.00

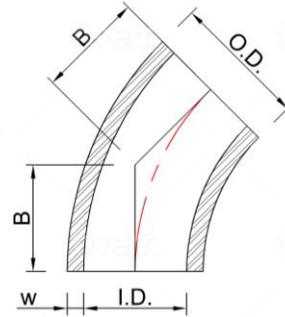
FITTINGS LR45

Project Name: _____
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45° ELBOW - LONG RADIUS

ASME B16.9 & ASTM A234 WPB

FITTINGS LR45



45° LONG RADIUS ELBOWS

Source: Import Domestic Approved

DIMENSIONS

UOM: Inches/LBS

NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	CENTER TO END (A)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	PIPE SCHEDULE (XXS)	APPROX WEIGHT
1/2	0.84	0.62	0.252	0.294	-	1.80
3/4	1.05	0.75	0.434	0.308	-	2.00
1	1.32	0.88	0.604	0.358	-	3.00
1 1/4	1.66	1.00	0.896	0.382	-	3.50
1 1/2	1.90	1.12	1.100	0.400	-	3.70
2	2.38	1.38	1.508	0.436	-	5.00
2 1/2	2.88	1.75	1.776	0.552	-	3.70
3	3.50	2.00	2.300	0.600	-	6.00
4	4.50	2.50	3.152	0.674	-	10.40
5	5.56	3.12	4.060	0.750	-	19.20
6	6.62	3.75	4.892	0.864	-	30.00
8	8.62	5.00	6.870	0.875	-	50.00
10	10.75	6.25	8.750	1.000	140	75.00
12	12.75	7.50	10.750	1.000	120	95.00