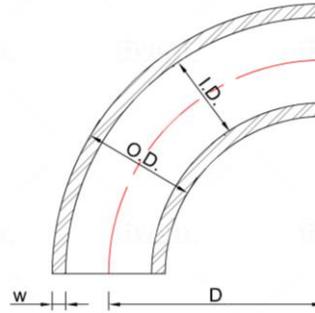


Project Name: \_\_\_\_\_

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

**90° ELBOW - SHORT RADIUS****ASME B16.9 & ASTM A234 WPB**

90° SHORT RADIUS ELBOWS

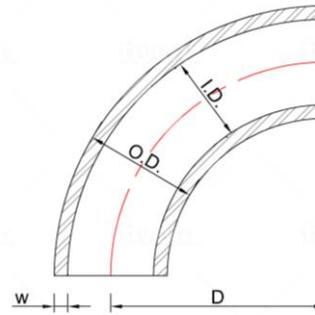
Source:  Import  Domestic  Approved**DIMENSIONS**

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	1.32	1.00	1.049	0.133	40	0.30
1 1/4	1.66	1.25	1.380	0.140	40	0.40
1 1/2	1.90	1.50	1.610	0.145	40	0.50
2	2.38	2.00	2.067	0.154	40	1.00
2 1/2	2.88	2.50	2.469	0.203	40	2.00
3	3.50	3.00	3.068	0.216	40	3.00
3 1/2	4.00	3.50	3.548	0.226	40	4.30
4	4.50	4.00	4.026	0.237	40	6.10
5	5.56	5.00	5.047	0.258	40	9.70
6	6.62	6.00	6.065	0.280	40	16.70
8	8.62	8.00	7.981	0.322	40	32.40
10	10.75	10.00	10.020	0.365	40	56.30
12	12.75	12.00	12.000	0.375	-	79.40
14	14.00	14.00	13.250	0.375	30	104.00
16	16.00	16.00	15.250	0.375	30	129.00
18	18.00	18.00	17.250	0.375	-	163.00
20	20.00	20.00	19.250	0.375	20	210.00
24	24.00	24.00	23.250	0.375	20	297.00
30	30.00	30.00	29.250	0.375	-	470.00
36	36.00	36.00	35.250	0.375	-	692.00
42	42.00	42.00	41.250	0.375	-	967.00
48	48.00	48.00	47.250	0.375	-	1340.00

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

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

**90° ELBOW - SHORT RADIUS****ASME B16.9 & ASTM A234 WPB**

90° SHORT RADIUS ELBOWS

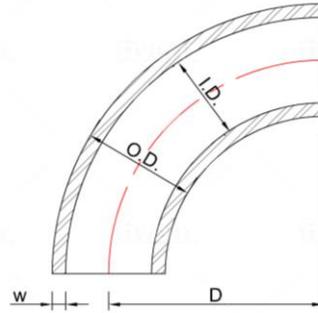
Source:  Import  Domestic  Approved**DIMENSIONS**

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	1.32	1.00	1.049	0.179	80	0.30
1 1/4	1.66	1.25	1.380	0.191	80	0.60
1 1/2	1.90	1.50	1.610	0.200	80	0.80
2	2.38	2.00	2.067	0.218	80	1.50
2 1/2	2.88	2.50	2.469	0.276	80	2.60
3	3.50	3.00	3.068	0.300	80	3.80
3 1/2	4.00	3.50	3.548	0.318	80	5.40
4	4.50	4.00	4.026	0.337	80	7.60
5	5.56	5.00	5.047	0.375	80	13.80
6	6.62	6.00	6.065	0.432	80	22.80
8	8.62	8.00	7.981	0.500	80	47.30
10	10.75	10.00	10.020	0.500	60	71.00
12	12.75	12.00	12.000	0.500	-	104.00
14	14.00	14.00	13.250	0.500	-	137.00
16	16.00	16.00	15.250	0.500	40	171.00
18	18.00	18.00	17.250	0.500	-	214.00
20	20.00	20.00	19.250	0.500	30	277.00
24	24.00	24.00	23.250	0.500	-	390.00
30	30.00	30.00	29.250	0.500	20	632.70
36	36.00	36.00	35.250	0.500	20	913.00
42	42.00	42.00	41.250	0.500	-	1300.00
48	48.00	48.00	47.250	0.500	-	1675.00

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

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

**90° ELBOW - SHORT RADIUS****ASME B16.9 & ASTM A234 WPB**

90° SHORT RADIUS ELBOWS

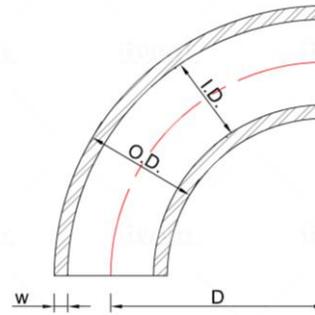
Source:  Import  Domestic  Approved**DIMENSIONS**

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	1.32	1.00	1.054	0.133	40	0.30
1 1/4	1.66	1.25	1.380	0.140	40	0.40
1 1/2	1.90	1.50	1.610	0.145	40	0.50
2	2.38	2.00	2.072	0.154	40	1.00
2 1/2	2.88	2.50	2.474	0.203	40	2.00
3	3.50	3.00	3.068	0.216	40	3.00
3 1/2	4.00	3.50	3.548	0.226	40	4.30
4	4.50	4.00	4.026	0.237	40	6.10
5	5.56	5.00	5.044	0.258	40	9.70
6	6.62	6.00	6.060	0.280	40	16.70
8	8.62	8.00	7.976	0.322	40	32.40
10	10.75	10.00	10.020	0.365	40	56.30
12	12.75	12.00	11.938	0.406	40	80.00
14	14.00	14.00	13.124	0.438	40	105.00
16	16.00	16.00	15.000	0.500	40	130.00
18	18.00	18.00	16.876	0.562	40	165.00
20	20.00	20.00	18.812	0.594	40	215.00
24	24.00	24.00	22.624	0.688	40	300.00

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

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

**90° ELBOW - SHORT RADIUS****ASME B16.9 & ASTM A234 WPB**

90° SHORT RADIUS ELBOWS

Source:  Import  Domestic  Approved**DIMENSIONS**

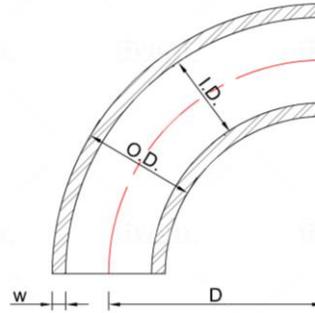
UOM: Inches/LBS

NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	CENTER TO END (A)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	PIPE SCHEDULE (80)	APPROX WEIGHT
1	1.32	1.00	0.962	0.179	80	0.30
1 1/4	1.66	1.25	1.278	0.191	80	0.40
1 1/2	1.90	1.50	1.500	0.200	80	0.50
2	2.38	2.00	1.944	0.218	80	1.00
2 1/2	2.88	2.50	2.328	0.276	80	2.00
3	3.50	3.00	2.900	0.300	80	3.00
3 1/2	4.00	3.50	3.364	0.318	80	4.30
4	4.50	4.00	3.826	0.337	80	6.10
5	5.56	5.00	4.810	0.375	80	9.70
6	6.62	6.00	5.756	0.432	80	16.70
8	8.62	8.00	7.620	0.500	80	32.40
10	10.75	10.00	9.562	0.594	80	56.30
12	12.75	12.00	11.374	0.688	80	80.00
14	14.00	14.00	12.500	0.750	80	105.00
16	16.00	16.00	14.312	0.844	80	130.00
18	18.00	18.00	16.124	0.938	80	165.00
20	20.00	20.00	17.938	1.031	80	215.00
24	24.00	24.00	21.562	1.219	80	300.00

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

## 90° ELBOW - SHORT RADIUS

### ASME B16.9 & ASTM A234 WPB



90° SHORT RADIUS ELBOWS

Source:  Import  Domestic  Approved

### DIMENSIONS

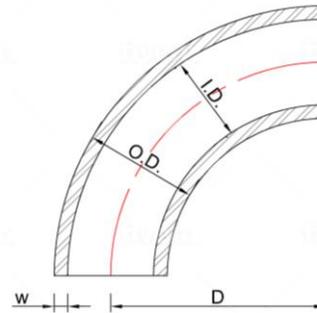
UOM: Inches/LBS

NOMINAL PIPE SIZE	OUTSIDE DIAMETER (O.D.)	CENTER TO END (A)	INSIDE DIAMETER (I.D.)	WALL THICKNESS (W)	PIPE SCHEDULE (160)	APPROX WEIGHT
1	1.32	1.00	0.820	0.250	160	0.50
1 1/4	1.66	1.25	1.160	0.250	160	0.90
1 1/2	1.90	1.50	1.338	0.281	160	1.50
2	2.38	2.00	1.692	0.344	160	2.90
2 1/2	2.88	2.50	2.130	0.375	160	5.50
3	3.50	3.00	2.624	0.438	160	9.80
4	4.50	4.00	3.438	0.531	160	20.00
5	5.56	5.00	4.310	0.625	160	30.00
6	6.62	6.00	5.182	0.719	160	60.00
8	8.62	8.00	6.808	0.906	160	125.00
10	10.75	10.00	8.500	1.125	160	258.00
12	12.75	12.00	10.126	1.312	160	455.00
14	14.00	14.00	11.188	1.406	160	550.00
16	16.00	16.00	12.812	1.594	160	800.00
18	18.00	18.00	14.438	1.781	160	1025.00
20	20.00	20.00	16.062	1.969	160	1295.00
24	24.00	24.00	19.312	2.344	160	1450.00

FITTINGS SR90

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

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

**90° ELBOW - SHORT RADIUS****ASME B16.9 & ASTM A234 WPB**

90° SHORT 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	1.32	1.00	0.604	0.358	-	0.65
1 1/4	1.66	1.25	0.896	0.382	-	1.30
1 1/2	1.90	1.50	1.100	0.400	-	1.70
2	2.38	2.00	1.508	0.436	-	3.20
2 1/2	2.88	2.50	1.776	0.552	-	6.10
3	3.50	3.00	2.300	0.600	-	11.00
4	4.50	4.00	3.152	0.674	-	22.00
5	5.56	5.00	4.060	0.750	-	35.00
6	6.62	6.00	4.892	0.864	-	60.00
8	8.62	8.00	6.870	0.875	-	123.00
10	10.75	10.00	8.750	1.000	140	225.00
12	12.75	12.00	10.750	1.000	120	365.00