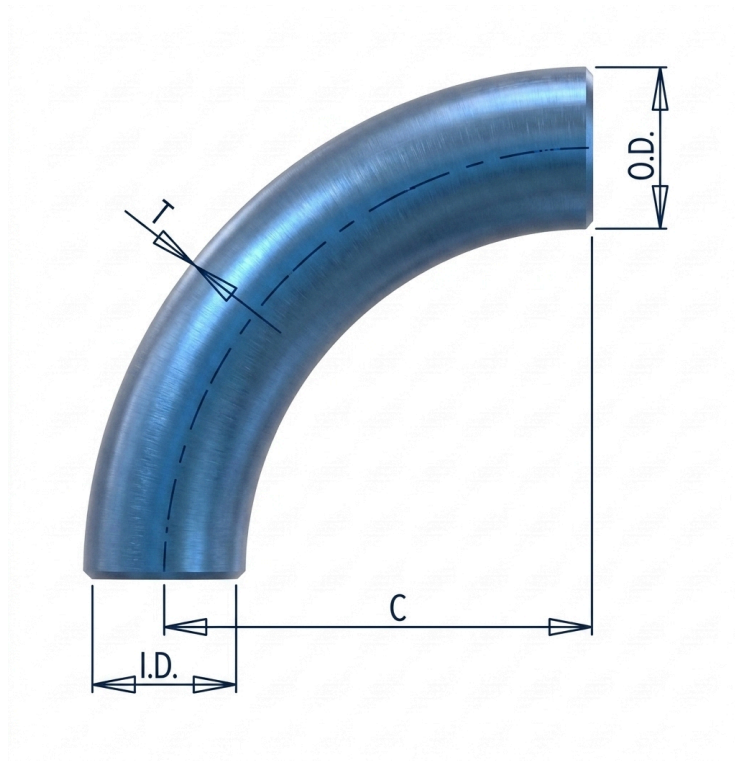


90° 3R Elbows

Butt-Weld Fittings · ASME B16.9 · All Material Grades



AVAILABLE SCHEDULES

STD

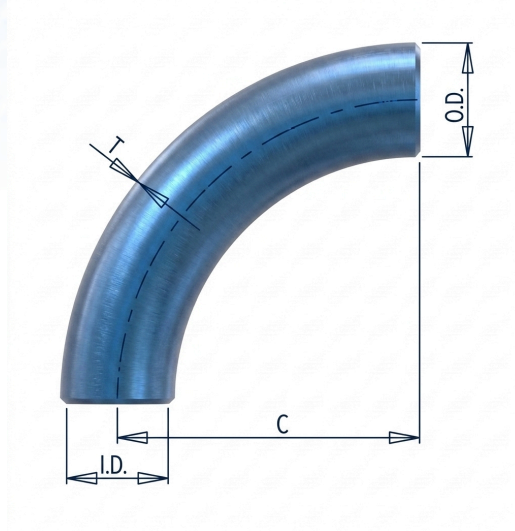
XS

40

80



90° 3R Elbow — Schedule STD



3R RADIUS — SCHEDULE STD

Nom. Pipe Size	Outside Diameter	Inside Diameter	Wall Thickness	Center to End	Pipe Schedule Number	Approx. Weight in Pounds
	<i>O.D.</i>	<i>I.D.</i>	<i>T</i>	<i>C</i>		<i>Lbs.</i>
¾	1.05	0.824	0.113	2.25	40	0.30
1	1.32	1.054	0.133	3.00	40	0.80
1¼	1.66	1.380	0.140	3.75	40	1.10
1½	1.90	1.610	0.145	4.50	40	1.60
2	2.38	2.072	0.154	6.00	40	3.20
2½	2.88	2.474	0.203	7.50	40	6.40
3	3.50	3.068	0.216	9.00	40	9.60
3½	4.00	3.548	0.226	10.50	40	15.00
4	4.50	4.026	0.237	12.00	40	17.80
5	5.56	5.044	0.258	15.00	40	30.00
6	6.62	6.060	0.280	18.00	40	48.00
8	8.62	7.976	0.322	24.00	40	95.00
10	10.75	10.020	0.365	30.00	40	167.00
12	12.75	12.000	0.375	36.00	*	250.00
14	14.00	13.250	0.375	42.00	30	310.00
16	16.00	15.250	0.375	48.00	30	415.00
18	18.00	17.250	0.375	54.00	*	530.00
20	20.00	19.250	0.375	60.00	20	650.00
24	24.00	23.250	0.375	72.00	20	935.00

DIMENSIONS ARE IN INCHES | WEIGHTS ARE IN POUNDS

(A) Manufactured to ASME B16.9 standards.

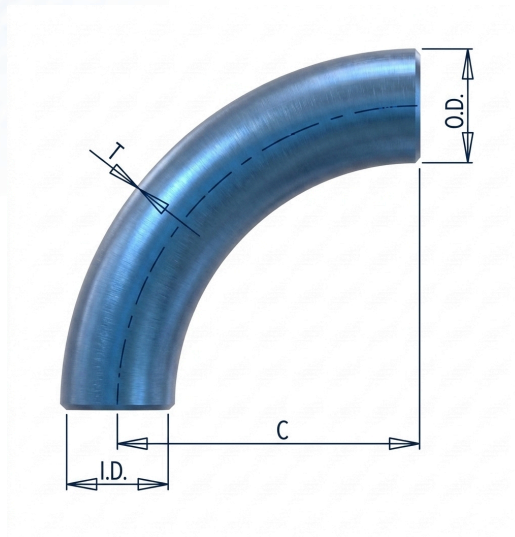
(B) Available in all material grades.

(C) All weights are estimates.

(D) For sizes larger than 24" please call.

* This size and wall thickness are not associated with a standard pipe schedule.

90° 3R Elbow — Schedule XS



3R RADIUS — SCHEDULE XS

Nom. Pipe Size	Outside Diameter	Inside Diameter	Wall Thickness	Center to End	Pipe Schedule Number	Approx. Weight in Pounds
	<i>O.D.</i>	<i>I.D.</i>	<i>T</i>	<i>C</i>		<i>Lbs.</i>
3/4	1.05	0.742	0.154	2.25	80	0.30
1	1.32	0.962	0.179	3.00	80	1.58
1 1/4	1.66	1.278	0.191	3.75	80	2.40
1 1/2	1.90	1.500	0.200	4.50	80	4.20
2	2.38	1.944	0.218	6.00	80	7.60
2 1/2	2.88	2.328	0.276	7.50	80	12.60
3	3.50	2.900	0.300	9.00	80	17.20
3 1/2	4.00	3.364	0.318	10.50	80	22.00
4	4.50	3.826	0.337	12.00	80	25.00
5	5.56	4.810	0.375	15.00	80	45.00
6	6.62	5.756	0.432	18.00	80	70.00
8	8.62	7.620	0.500	24.00	80	145.00
10	10.75	9.750	0.500	30.00	60	225.00
12	12.75	11.750	0.500	36.00	*	320.00
14	14.00	13.000	0.500	42.00	*	405.00
16	16.00	15.000	0.500	48.00	40	540.00
18	18.00	17.000	0.500	54.00	*	700.00
20	20.00	19.000	0.500	60.00	30	845.00
24	24.00	23.000	0.500	72.00	*	1210.00

DIMENSIONS ARE IN INCHES | WEIGHTS ARE IN POUNDS

(A) Manufactured to ASME B16.9 standards.

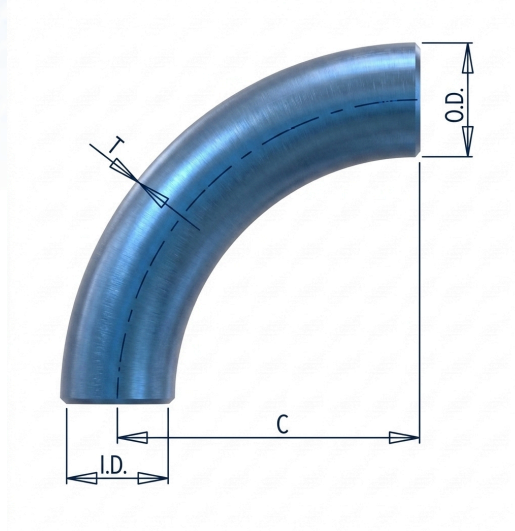
(B) Available in all material grades.

(C) All weights are estimates.

(D) For sizes larger than 24" please call.

* This size and wall thickness are not associated with a standard pipe schedule.

90° 3R Elbow — Schedule 40



3R RADIUS — SCHEDULE 40

Nom. Pipe Size	Outside Diameter	Inside Diameter	Wall Thickness	Center to End	Pipe Schedule Number	Approx. Weight in Pounds
	<i>O.D.</i>	<i>I.D.</i>	<i>T</i>	<i>C</i>		<i>Lbs.</i>
3/4	1.05	0.824	0.113	2.25	40	0.30
1	1.32	1.054	0.133	3.00	40	0.80
1 1/4	1.66	1.380	0.140	3.75	40	1.10
1 1/2	1.90	1.610	0.145	4.50	40	1.60
2	2.38	2.072	0.154	6.00	40	3.20
2 1/2	2.88	2.474	0.203	7.50	40	6.40
3	3.50	3.068	0.216	9.00	40	9.60
3 1/2	4.00	3.548	0.226	10.50	40	15.00
4	4.50	4.026	0.237	12.00	40	17.80
5	5.56	5.044	0.258	15.00	40	30.00
6	6.62	6.060	0.280	18.00	40	48.00
8	8.62	7.976	0.322	24.00	40	95.00
10	10.75	10.020	0.365	30.00	40	167.00
12	12.75	11.938	0.406	36.00	40	205.00
14	14.00	13.124	0.438	42.00	40	305.00
16	16.00	15.000	0.500	48.00	40	540.00
18	18.00	16.876	0.562	54.00	40	740.00
20	20.00	18.812	0.594	60.00	40	950.00
24	24.00	22.624	0.688	72.00	40	1400.00

DIMENSIONS ARE IN INCHES | WEIGHTS ARE IN POUNDS

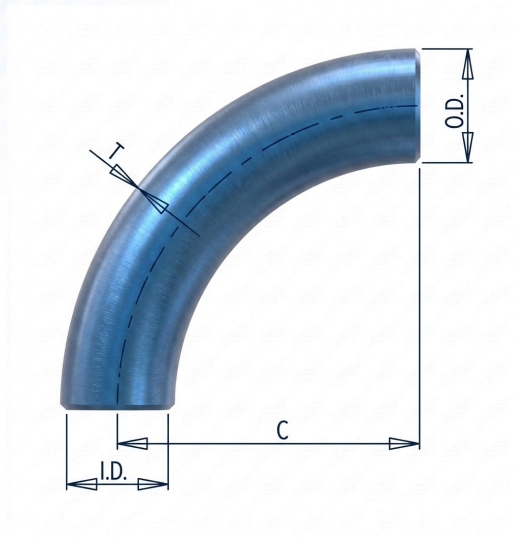
(A) Manufactured to ASME B16.9 standards.

(B) Available in all material grades.

(C) All weights are estimates.

(D) For sizes larger than 24" please call.

90° 3R Elbow — Schedule 80



3R RADIUS — SCHEDULE 80

Nom. Pipe Size	Outside Diameter	Inside Diameter	Wall Thickness	Center to End	Pipe Schedule Number	Approx. Weight in Pounds
	<i>O.D.</i>	<i>I.D.</i>	<i>T</i>	<i>C</i>		<i>Lbs.</i>
¾	1.05	0.742	0.154	2.25	80	0.30
1	1.32	0.962	0.179	3.00	80	1.58
1¼	1.66	1.278	0.191	3.75	80	2.40
1½	1.90	1.500	0.200	4.50	80	4.20
2	2.38	1.944	0.218	6.00	80	7.60
2½	2.88	2.328	0.276	7.50	80	12.60
3	3.50	2.900	0.300	9.00	80	17.20
3½	4.00	3.364	0.318	10.50	80	22.00
4	4.50	3.826	0.337	12.00	80	25.00
5	5.56	4.810	0.375	15.00	80	45.00
6	6.62	5.756	0.432	18.00	80	70.00
8	8.62	7.620	0.500	24.00	80	145.00
10	10.75	9.562	0.594	30.00	80	200.00
12	12.75	11.374	0.688	36.00	80	320.00
14	14.00	12.500	0.750	42.00	80	600.00
16	16.00	14.312	0.844	48.00	80	810.00
18	18.00	16.124	0.938	54.00	80	1020.00
20	20.00	17.938	1.031	60.00	80	1400.00
24	24.00	21.562	1.219	72.00	80	1800.00

DIMENSIONS ARE IN INCHES | WEIGHTS ARE IN POUNDS

(A) Manufactured to ASME B16.9 standards.

(B) Available in all material grades.

(C) All weights are estimates.