

ACCESSORIES

ELBOWS

WELDING OF ALUMINIZED MATERIAL

Gas Welding

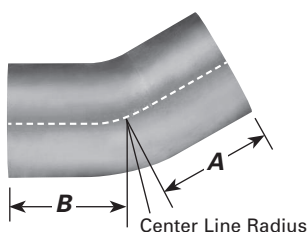
1. Adjust gases until there is a small soft blue flame extending beyond the inner cone $\frac{1}{8}$ " to $\frac{1}{4}$ ".
2. Use an AWS (American Welding Society) Number ER 70S-2 welding rod or the equivalent. This rod has extra elements added to cause the aluminized coating to float on top of the molten puddle away from the inner weld structure.

Tig Welding

Use the same type welding rod as gas welding with argon purge gas.

Mig Welding

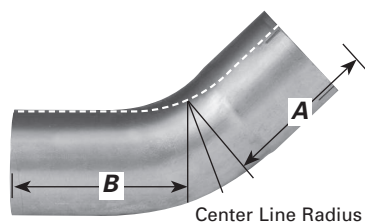
For typical exhaust components, use a copper clad, .035 inch to .045 inch diameter wire. Specifically use a low carbon steel wire, AWS Number 70S-3 or the equivalent.



ALUMINIZED 15° ELBOWS

Both ends are O.D.

P/N	DIAMETER	LENGTH A-B	CENTERLINE RADIUS
10684	4"	2"-2"	4 $\frac{1}{2}$ "
10685	5"	4"-4"	8"



ALUMINIZED 30° ELBOWS

One end is I.D., the other end is O.D.

P/N	DIAMETER	STYLE	LENGTH A-B	CENTERLINE RADIUS
10631	3 $\frac{1}{2}$ "	ID-OD	4"-4"	5"
10632	4"	ID-OD	4"-4"	5"
10633	5"	ID-OD	4"-4"	6"

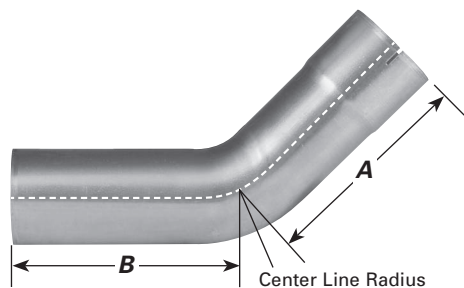
Both ends are O.D.

P/N	DIAMETER	STYLE	LENGTH A-B	CENTERLINE RADIUS
10636	4"	OD-OD	4"-4"	5"
10637	5"	OD-OD	4"-4"	6"

ELBOWS

ALUMINIZED & CHROME 45° ELBOWS

One end is I.D., the other end is O.D.



P/N ALUMINIZED	P/N CHROME	DIAMETER	STYLE	LENGTH A-B	CENTERLINE RADIUS
10311	—	2"	ID-OD	6"-6"	5"
10320	—	2 ¼"	ID-OD	6"-6"	4 ½"
10312	—	2 ½"	ID-OD	6"-6"	4"
10725	—	2 ½"	ID-OD	6"-6"	5"
10318	—	2 ¾"	ID-OD	6"-6"	5"
10313	—	3"	ID-OD	7"-7"	6"
10314	—	3 ½"	ID-OD	8"-8"	7"
10736	—	4"	ID-OD	5"-5"	4"
10726	—	4"	ID-OD	6"-6"	6"
10315	—	4"	ID-OD	9 ¼"-9 ¼"	8"
10727	—	4"	ID-OD	12"-12"	6"
10729	—	5"	ID-OD	7"-7"	8"
10730	809738	5"	ID-OD	8"-8"	10"
10317	—	5"	ID-OD	12"-12"	8"
10731	—	5"	ID-OD	12"-12"	10"
10732	—	5"	ID-OD	15"-15"	8"

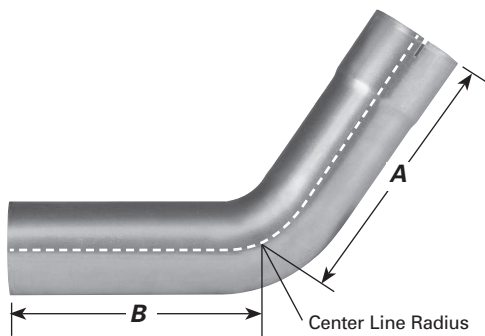
Both ends are O.D.

P/N ALUMINIZED	P/N CHROME	DIAMETER	STYLE	LENGTH A-B	CENTERLINE RADIUS
10562	—	2 ½"	OD-OD	6"-6"	5"
10742	—	3"	OD-OD	4"-4"	3"
10564	—	3"	OD-OD	7"-7"	6"
10565	—	3 ½"	OD-OD	8"-8"	7"
10743	—	4"	OD-OD	6"-6"	6"
10566	—	4"	OD-OD	8"-8"	4 ½"
10745	—	4"	OD-OD	12"-12"	6"
10567	—	5"	OD-OD	8"-8"	5 ½"
10746	809752	5"	OD-OD	8"-8"	8"
10747	809753	5"	OD-OD	15"-15"	8"
10748	—	6"	OD-OD	7"-7"	10"

ELBOWS

ALUMINIZED 60° ELBOWS

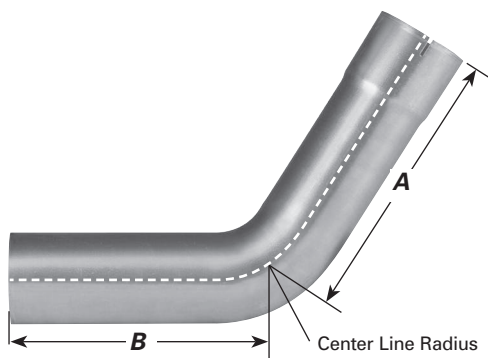
One end is I.D., the other end is O.D.



P/N	DIAMETER	STYLE	LENGTH A-B	CENTERLINE RADIUS
10639	3 1/2"	ID-OD	8"-8"	5"
10640	4"	ID-OD	8"-8"	5"
10641	5"	ID-OD	8"-8"	6"

Both ends are O.D.

P/N	DIAMETER	STYLE	LENGTH A-B	CENTERLINE RADIUS
10644	4"	OD-OD	8"-8"	5"
10645	5"	OD-OD	8"-8"	6"



ALUMINIZED & CHROME 67° ELBOWS

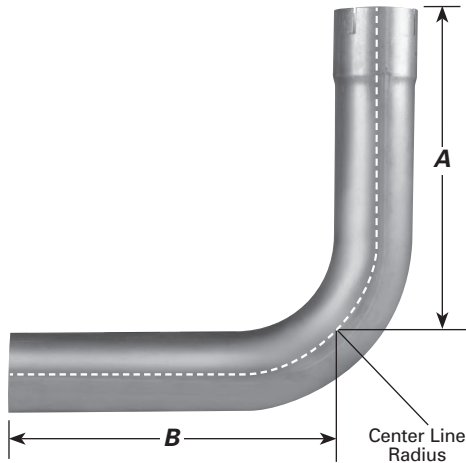
Both ends are O.D.

P/N ALUMINIZED	P/N CHROME	DIAMETER	STYLE	LENGTH A-B	CENTERLINE RADIUS
10560	809530	5"	OD-OD	7 1/2"-11"	8"

ELBOWS

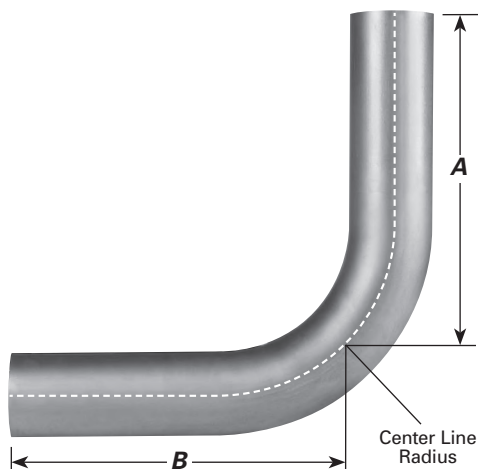
ALUMINIZED & CHROME 90° ELBOWS

One end is I.D., the other end is O.D.



P/N ALUMINIZED	P/N CHROME	DIAMETER	LENGTH A-B	CENTERLINE RADIUS
10922	—	1½"	6½"-6½"	4"
10670	—	1¾"	6¼"-6¼"	4"
10301	—	2"	11"-11"	5"
10671	—	2"	6⅝"-6⅝"	4"
10673	—	2¼"	6⅝"-6⅝"	4½"
10302	—	2¼"	10⅞"-10⅞"	5"
10672	—	2½"	6⅝"-6⅝"	4½"
10303	—	2½"	12"-12"	5"
10674	—	2¾"	6⅝"-6⅝"	5"
10675	—	3"	8"-8¼"	6"
10756	—	3"	8½"-8½"	5"
10757	—	3"	10"-12"	5"
10758	—	3"	12"-12"	5"
10304	—	3"	14"-14"	6"
10795	—	3½"	6¼"-6¼"	3½"
10759	—	3½"	9½"-9¾"	5"
10676	—	3½"	9"-9"	4½"
10305	—	3½"	16"-16"	7"
10681	—	4"	8"-8"	4½"
—	809621	4"	10"-10"	5"
10678	—	4"	10"-10"	4½"
10761	809770	4"	12"-12"	6"
10762	—	4"	16"-16"	8"
10306	809406	4"	18"-18"	8"
10764	—	5"	8½"-8½"	6"
10557	809771	5"	11"-11"	6"
10680	809547	5"	11"-11"	7½"
10765	—	5"	15"-15"	8"
10554	809546	5"	15"-15"	10"
10766	—	5"	16½"-16½"	10"
10308	809408	5"	18"-18"	10"
10556	—	6"	15"-15"	10"

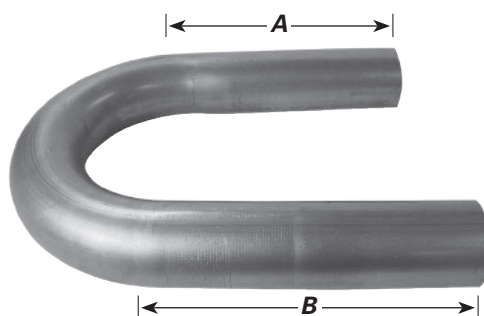
ELBOWS



ALUMINIZED & CHROME 90° ELBOWS

Both ends are O.D.

P/N ALUMINIZED	P/N CHROME	DIAMETER	LENGTH A-B	CENTERLINE RADIUS
10773	—	2"	9"-9"	5"
10774	—	2 ½"	12"-12"	5"
10337	—	3"	3"-3"	3 ½"
10776	—	3"	6"-6"	3"
10777	—	3"	7"-7"	3"
10534	—	3"	10"-10"	6"
10778	—	3"	14"-14"	8"
10794	—	3 ½"	6"-6"	3 ½"
10338	—	3 ½"	4"-4"	4"
10329	—	3 ½"	8"-8"	4"
10535	—	3 ½"	12"-12"	7"
10536	—	3 ½"	16"-16"	7"
10339	—	4"	4 ½"-4 ½"	4 ½"
10780	—	4"	7"-7"	5"
10781	—	4"	8"-8"	4"
10538	—	4"	9"-15"	4 ½"
10783	—	4"	10"-10"	6"
10539	—	4"	12"-12"	5 ½"
10797	—	4"	16"-16"	8"
10537	—	4"	18"-18"	8"
10340	—	5"	5 ½"-5 ½"	5 ½"
10784	—	5"	7 ½"-7 ½"	6"
10785	809795	5"	8 ½"-8 ½"	6"
10786	—	5"	9"-11 ½"	5 ½"
10787	—	5"	8 ½"-12 ½"	6"
10788	—	5"	8 ¾"-14 ¼"	5 ½"
10789	—	5"	9 ½"-9 ½"	6"
10541	—	5"	11"-16"	5 ½"
10791	—	5"	12"-12"	6"
—	809796	5"	12"-12"	8"
10796	—	5"	15"-15"	5 ½"
10540	—	5"	15"-15"	8"
10309	—	5"	20"-20"	8"



ALUMINIZED 180° Mandrel U-Bends

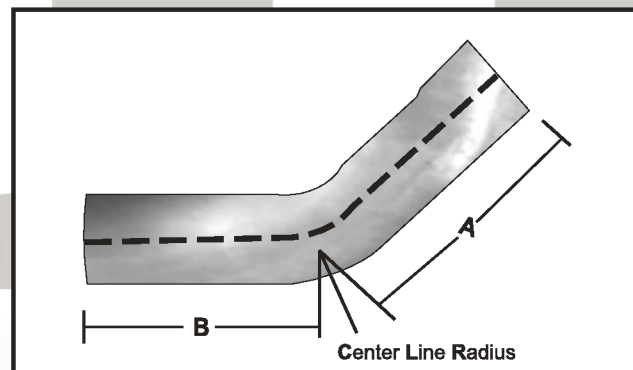
Both ends are O.D.

P/N ALUMINIZED	P/N CHROME	DIAMETER	LENGTH A-B	CENTERLINE RADIUS
U21208	—	2 ½"	8"-8"	4 ½"
U30008	—	3"	8"-8"	5 ½"

UNIVERSAL ELBOWS



45 and 90 Degree Elbows

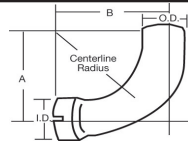


Jones Part No.	Degree Bend	Diameter	Length A	Length B	CLR
JE10313	45	3"	7"	7"	6"
JE10314	45	3 1/2"	8"	8"	7"
JE10736	45	4"	5"	5"	4"
JE10315	45	4"	9 1/4"	9 1/4"	8"
JE10729	45	5"	7"	7"	8"
JE10672	90	2 1/2"	6 3/8"	6 3/8"	4 1/2"
JE10675	90	3"	8"	8 1/4"	6"
JE10757	90	3"	10"	12"	5"
JE10681	90	4"	8"	8"	4.5
JE10678	90	4"	10"	10"	8"
JE10764	90	5"	8 1/2"	8 1/2"	6"
JE10557	90	5"	11"	11"	5 1/2"
JE10320	45	2 1/4"	6"	6"	4"
JE10312	45	2 1/2"	6 3/8"	6 3/8"	4 1/2"
JE10673	90	2 1/4"	6"	6"	4 1/2"

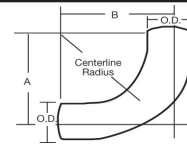


*All Ends are ID / OD

ACCESSORIES



90° ELBOWS



Style ID-OD					
Dia.	Centerline Length A-B	Rad.	ALZ.	Chrome	Stain-less
1½	6⅝-6⅝	4	41231	-	-
1¾	6⅝-6⅝	4	41000	-	-
1⅞	6⅝-6⅝	4	41230	-	-
2	6⅝-6⅝	4	41001	-	-
	7⅞-6⅝	4	41154	-	-
	9-9	4½	41558+	-	-
2¼	6-6	4	41098+	-	-
2½	6¼-6¼	4	41002	-	-
	12-12	5	41441	-	-
2¾	6⅝-6⅝	5	41099	-	-
	12-12	5	41442+	-	-
3	8-8	6	41365+	-	-
	10-12	5	41535+	-	-
	12-12	5	41534+	-	-
	14-14	8	42759+	-	-
	14-14	6	42445+	-	-
3½	6½-6½	3½	41633+	-	-
	10¼-10¼	5	41768	-	-
	9-9	7	41366+	-	-
	16-16	5	42185+	-	-
4	6-6	4	41630+	-	-
	8½-13	5	42085	-	-
	10-10	5	41378+	-	-
	10-10	8	41367+	-	-
	12-12	6	41472	29109	-
	15-9	4	52415+	-	-
	16-16	8	53094+	-	52059
	18-18	8	42937+	-	-
4½	25-32	8	43168+	-	-
	13-13	6	42356+	-	-
	8½-8½	6	41769	-	-
	9½-9½	5½	42763+	29108+	-
	11½-26¾	5½	43613	-	-
	12-12	6	41532+	29210+	-
	15-15	5½	42272+	-	-
	15-15	8	42858+	-	-
	16½-16½	10	43348+	-	-
	18-18	10	42938+	-	-
5	32-25	8	43438+	-	-
	12-12	10	52058	-	-
	15-15	10	42944+	-	-
	26-26	10	44569+	-	-

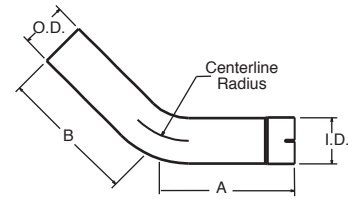
Style OD-OD				
Dia.	Centerline Length A-B	Rad.	ALZ	Chrome
2	9-9	4½	41631+	-
2¼	12-12	5	41762	-
2½	12-12	5	41432+	-
2¾	12-12	5	41433+	-
3	3-3	3	41221+	-
	6-6	3	41685+	-
	7-7	3	41536+	-
	8-16	5	52569+	-
	10-10	6	41434+	-
3½	14-14	8	42344+	-
	3½-3½	3½	41222+	-
	6-6	3½	41537+	-
	6½-6½	3½	41637+	-
	12-12	7	41435	-
4	16-16	8	42288+	-
	4-4	4	41223+	-
	7-7	5	41256+	-
	8-5	4	41778+	-
	8-8	4	41474+	-
	8¼-10½	4	52138+	-
	9-16	5	42936+	-
	10-10	5	51060+	-
	10-10	6	52119+	29127
	10-13½	6	42407+	-
5	12-12	5	41638+	-
	12-12	6	41473+	-
	16-16	8	43698+	-
	18-18	8	42857	-
	22½-30	8	44112+	-
	5-5	5½	41224+	-
	7½-13½	5½	42253+	-
	8-9	5	52375+	-
	8½-12½	6	42081	-
	8½-8½	6	41538+	-
	8½-11	6	52429+X	-
	8¾-14¼	5½	42186	-
	9-11½	5½	53095	-
	9½-9½	6	41832+	-
	10-16	6	42147+	-
6	11-9	6	51057+	-
	11-16	5½	42125+	-
	12-12	6	41436+	-
	15-15	5½	42274+	-
	12-12	8	-	29121+
	15-15	8	42939+	-
	17½-17½	10	43699+	-
	18-18	10	42940+	-
	6½-6½	6½	41583+	-
	10-10	10	41559+	-
6	12-12	10	41560+	-
	15-15	10	42562+	-

ALZ Aluminized + Mandrel Bent X w/Mounting Stud

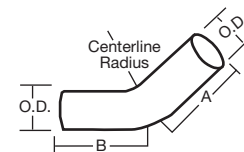
ACCESSORIES

45° ELBOWS

Style ID-OD				
Diameter	Length A-B	Radius	ALZ. Part No.	Chrome Part No.
1½	6-6	4	41733	—
1¾	6-6	4	41734	—
1⅞	6-6	4	41735	—
2	6-6	4	41187	—
2¼	6-6	4½	41188	—
2½	6-6	4	41437+	—
		5	41189	—
2¾	6-6	5	41439	—
3	7-7	6	42760+	—
3½	8-8	7	42761+	—
4	5-5	4	41639+	—
	6-6	6	41686+	—
	9⅝-9⅝	8	42758+	—
	12-12	6	42246+	—
5	6-6	5½	41640+	—
	7-7	8	42355+	—
	8-8	10	41477+	—
	12-12	8	42855+	—
	12-12	10	42453+	—
	15-15	8	53042+	—

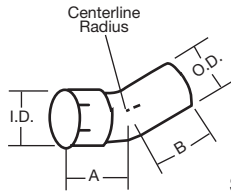


Style OD-OD				
Diameter	Length A-B	Radius	ALZ. Part No.	Chrome Part No.
2½	6-6	4	41438+	—
2¾	6-6	5	41440	—
3	4-4	3	41641+	—
	7-7	6	41428+	—
	8-16	5	52567+	—
3½	8-8	7	41429+	—
	8-16	5	52568+	—
4	6-6	6	41632+	—
	8-8	5	41430+	—
	8-8	8	41475+	—
	12-12	6	42247+	—
	12-18	6	53935+	—
5	8 - 13	6	52406+	—
	8-8	5½	41612+	—
	8-8	8	41431+	—
	8-8	10	41476+	—
	15-15	8	42249+	—
6	7-7	10	52134+	—



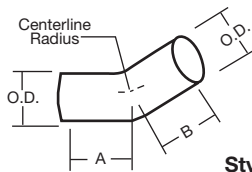
ACCESSORIES

MISCELLANEOUS ELBOWS



Style ID-OD

Style ID-OD						
Diameter	Bend Angle	Style	Length A-B	Radius	ALZ. Part No.	Chrome Part No.
1½	20	ID-OD	6-6	4	41813	-
1¾	20	ID-OD	6-6	4	41814	-
2	20	ID-OD	6-6	4	41816	-
2¼	20	ID-OD	6-6	4	41817	-
3½	30	ID-OD	4-4	5	41618+	-
	60	ID-OD	8-8	5	41626+	-
4	30	ID-OD	4 - 4	5	41619+	-
	30	ID-OD	5 - 4	6	51049+	-
	60	ID-OD	8 - 8	5	41627+	-
	85	ID-OD	20 - 13	6	52393+	-
5	30	ID-OD	4 - 4	6	41620+	-
	30	ID-OD	5 - 5	6	51050+	-
	35	ID-OD	7 - 4	6	51046+	-
	60	ID-OD	8 - 8	6	41628+	-
	70	ID-OD	7½ - 11	8	42252+	-



Style OD-OD

Style OD-OD						
Diameter	Bend Angle	Style	Length A-B	Radius	ALZ. Part No.	Chrome Part No.
3	15	OD-OD	6-6	5	51118	-
	30	OD-OD	6-6	5	51119+	-
	60	OD-OD	6-6	5	51125+	-
3½	30	OD-OD	4-4	5	41614	-
	60	OD-OD	8-8	5	41622+	-
4	15	OD-OD	2 - 2	8	41204+	-
	30	OD-OD	4 - 4	5	41615+	-
	60	OD-OD	8 - 8	5	41623+	-
	80	OD-OD	8 - 13	5	52391+	-
	92	OD-OD	13 - 12	6	52414+	-
5	15	OD-OD	4 - 4	8	41217+	-
	28	OD-OD	26 - 11	8	53594+	-
	30	OD-OD	4 - 4	6	41616+	-
	60	OD-OD	8 - 8	6	41624+	-
	67	OD-OD	7½ - 11	8	42856+	29209+

GENERAL INFORMATION

PASSENGER CAR

LIGHT TRUCK

MUFFLER SPECS.

OPTIONAL MUFFLERS

ACCESSORIES

FOOTNOTES