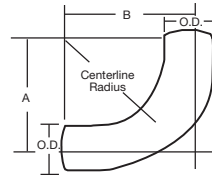


## 90° ELBOWS



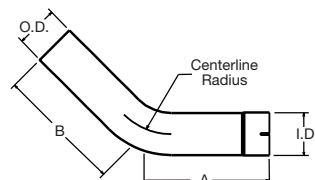
| Style ID-OD |                       |      |        |        |            |
|-------------|-----------------------|------|--------|--------|------------|
| Dia.        | Centerline Length A-B | Rad. | ALZ.   | Chrome | Stain-less |
| 1½          | 6⅝-6⅝                 | 4    | 41231  | -      | -          |
| 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+ | 29146+ | -          |
|             | 10-10                 | 8    | 41367+ | -      | -          |
|             | 12-12                 | 6    | 41472  | 29109  | -          |
|             | 15-9                  | 4    | 52415+ | -      | -          |
|             | 16-16                 | 8    | 53094+ | 29211+ | 52059      |
|             | 18-18                 | 8    | 42937+ | -      | -          |
|             | 22-36                 | 6    | 44449+ | -      | -          |
|             | 25-32                 | 8    | 43168+ | -      | -          |
| 4½          | 13-13                 | 6    | 42356+ | -      | -          |
| 5           | 8½-8½                 | 6    | 41769  | -      | -          |
|             | 9½-9½                 | 5½   | 42763+ | 29108+ | -          |
|             | 10-10                 | 8    | -      | 29212+ | -          |
|             | 11½-26¾               | 5½   | 43613  | -      | -          |
|             | 12-12                 | 6    | 41532+ | 29210+ | -          |
|             | 13-16                 | 8    | -      | 29152+ | -          |
|             | 15-15                 | 5½   | 42272+ | -      | -          |
|             | 15-15                 | 8    | 42858+ | 29147+ | -          |
|             | 16½-16½               | 10   | 43348+ | -      | -          |
|             | 18-18                 | 10   | 42938+ | -      | -          |
|             | 32-25                 | 8    | 43438+ | -      | -          |
| 6           | 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+  | -       |
|             | 10-10                 | 6    | 41434+  | -       |
|             | 14-14                 | 8    | 42344+  | -       |
| 3½          | 3½-3½                 | 3½   | 41222+  | -       |
|             | 6-6                   | 3½   | 41537+  | -       |
|             | 6½-6½                 | 3½   | 41637+  | -       |
|             | 12-12                 | 7    | 41435   | -       |
|             | 16-16                 | 8    | 42288+  | -       |
| 4           | 4-4                   | 4    | 41223+  | -       |
|             | 7-7                   | 5    | 41256+  | 29103+  |
|             | 7½-7½                 | 6    | 51039+  | -       |
|             | 8-5                   | 4    | 41778+  | -       |
|             | 8-8                   | 4    | 41474+  | -       |
|             | 8-8                   | 5    | 51059+  | -       |
|             | 8¼-10½                | 4    | 52138+  | -       |
|             | 9-9                   | 6    | 52413+  | -       |
|             | 9-16                  | 5    | 42936+  | -       |
|             | 10-10                 | 5    | 51060+  | -       |
|             | 10-10                 | 6    | 52119+  | 29127   |
|             | 10-13½                | 6    | 42407+  | -       |
|             | 10-31                 | 4    | 53603+  | -       |
|             | 12-12                 | 5    | 41638+  | -       |
|             | 12-12                 | 6    | 41473+  | -       |
|             | 16-16                 | 8    | 43698+  | -       |
|             | 18-18                 | 8    | 42857   | -       |
| 5           | 22½-30                | 8    | 44112+  | -       |
|             | 5-5                   | 5½   | 41224+  | -       |
|             | 7½-13½                | 5½   | 42253+  | -       |
|             | 8-9                   | 5    | 52375+  | -       |
|             | 8¼-12½                | 6    | -       | 29252+  |
|             | 8½-8½                 | 6    | 41538+  | -       |
|             | 8½-11                 | 6    | 52429+X | 29257+X |
|             | 8¾-14¼                | 5½   | 42186   | -       |
|             | 9-9                   | 5½   | 51056+  | -       |
|             | 9-11½                 | 5½   | 53095   | -       |
|             | 9½-9½                 | 6    | 41832+  | 29151+  |
|             | 10-16                 | 6    | 42147+  | -       |
|             | 10½-8½                | 6    | -       | 29254+  |
| 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+  | -       |
|             | 12-12                 | 10   | 41560+  | -       |
|             | 15-15                 | 10   | 42562+  | -       |

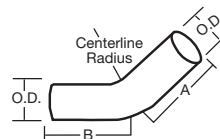
# ACCESSORIES

## 45° ELBOWS

| Style ID-OD |            |       |            |        |               |                 |
|-------------|------------|-------|------------|--------|---------------|-----------------|
| Diameter    | Bend Angle | Style | Length A-B | Radius | ALZ. Part No. | Chrome Part No. |
| 1½          | 45         | ID-OD | 6-6        | 4      | 41733         | —               |
| 1¾          | 45         | ID-OD | 6-6        | 4      | 41734         | —               |
| 1⅞          | 45         | ID-OD | 6-6        | 4      | 41735         | —               |
| 2           | 45         | ID-OD | 6-6        | 4      | 41187         | —               |
| 2¼          | 45         | ID-OD | 6-6        | 4½     | 41188         | —               |
| 2½          | 45         | ID-OD | 6-6        | 5      | 41189         | —               |
| 2¾          | 45         | ID-OD | 6-6        | 5      | 41439         | —               |
| 3           | 45         | ID-OD | 7-7        | 6      | 42760+        | —               |
| 3½          | 45         | ID-OD | 8-8        | 7      | 42761+        | —               |
| 4           | 45         | ID-OD | 5-5        | 4      | 41639+        | —               |
|             | 45         | ID-OD | 6-6        | 6      | 41686+        | —               |
|             | 45         | ID-OD | 9¼-9¼      | 5      | —             | 29113+          |
|             | 45         | ID-OD | 9⅝-9⅝      | 8      | 42758+        | —               |
|             | 45         | ID-OD | 12-12      | 6      | 42246+        | 29143+          |
| 5           | 45         | ID-OD | 6-6        | 5½     | 41640+        | —               |
|             | 45         | ID-OD | 7-7        | 8      | 42355+        | —               |
|             | 45         | ID-OD | 8-8        | 10     | 41477+        | 29220+          |
|             | 45         | ID-OD | 12-12      | 8      | 42855+        | —               |
|             | 45         | ID-OD | 12-12      | 10     | 42453+        | 29200+          |
|             | 45         | ID-OD | 15-15      | 8      | 53042+        | —               |
| 6           | 45         | ID-OD | 7-7        | 10     | 42053+        | —               |

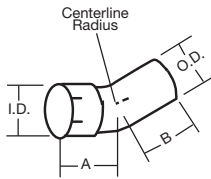


| Style OD-OD |            |       |            |        |               |                 |
|-------------|------------|-------|------------|--------|---------------|-----------------|
| Diameter    | Bend Angle | Style | Length A-B | Radius | ALZ. Part No. | Chrome Part No. |
| 2½          | 45         | OD-OD | 6-6        | 4      | 41438+        | —               |
| 2¾          | 45         | OD-OD | 6-6        | 5      | 41440         | —               |
| 3           | 45         | OD-OD | 4-4        | 3      | 41641+        | —               |
|             | 45         | OD-OD | 7-7        | 6      | 41428+        | —               |
| 3½          | 45         | OD-OD | 8-8        | 7      | 41429+        | —               |
| 4           | 45         | OD-OD | 6-6        | 6      | 41632+        | —               |
|             | 45         | OD-OD | 8-8        | 5      | 41430+        | —               |
|             | 45         | OD-OD | 8-8        | 8      | 41475+        | —               |
|             | 45         | OD-OD | 12-12      | 6      | 42247+        | —               |
| 5           | 45         | OD-OD | 8 - 13     | 6      | 52406+        | —               |
|             | 45         | OD-OD | 8-8        | 5½     | 41612+        | —               |
|             | 45         | OD-OD | 8-8        | 8      | 41431+        | —               |
|             | 45         | OD-OD | 8-8        | 10     | 41476+        | —               |
|             | 45         | OD-OD | 15-15      | 8      | 42249+        | —               |
|             | 45         | OD-OD | 7-7        | 10     | 52134+        | —               |
| 6           | 45         | OD-OD | 6-12       | 6      | 52406+        | —               |



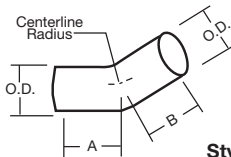
ALZ Aluminized + Mandrel Bent

## MISCELLEANEOUS 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         | –               |
| 1⅞          | 20         | ID-OD | 6-6        | 4      | 41815         | –               |
| 2           | 20         | ID-OD | 6-6        | 4      | 41816         | –               |
| 2¼          | 20         | ID-OD | 6-6        | 4      | 41817         | –               |
| 2½          | 20         | ID-OD | 6-6        | 4      | 41437+        | –               |
| 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 | 4½ - 3     | 6      | 41833+        | –               |
|             | 35         | ID-OD | 7 - 4      | 6      | 51046+        | –               |
|             | 60         | ID-OD | 6 - 5      | 6      | 51037+        | –               |
|             | 60         | ID-OD | 8 - 8      | 6      | 41628+        | –               |
|             | 70         | ID-OD | 7½ - 11    | 8      | 42252+        | –               |
|             | 85         | ID-OD | 12 - 14½   | 8      | –             | 29253+          |



Style OD-OD

| Style OD-OD |            |       |            |        |               |                 |
|-------------|------------|-------|------------|--------|---------------|-----------------|
| Diameter    | Bend Angle | Style | Length A-B | Radius | ALZ. Part No. | Chrome Part No. |
| 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 | 7½ - 27    | 5      | 53199+        | –               |
|             | 80         | OD-OD | 8 - 13     | 5      | 52391+        | –               |
|             | 80         | OD-OD | 8 - 13     | 6      | 52392+        | –               |
|             | 92         | OD-OD | 13 - 12    | 6      | 52414+        | –               |
|             | 15         | OD-OD | 4 - 4      | 8      | 41217+        | –               |
| 5           | 28         | OD-OD | 26 - 11    | 8      | 53594+        | –               |
|             | 30         | OD-OD | 4 - 4      | 6      | 41616+        | –               |
|             | 57         | OD-OD | 7 - 10     | 8      | –             | 29261+          |
|             | 60         | OD-OD | 8 - 8      | 6      | 41624+        | –               |
|             | 67         | OD-OD | 7½ - 11    | 8      | 42856+        | 29209+          |

ALZ Aluminized + Mandrel Bent

ACCESSORIES

TECH-FIT

HEAVY DUTY TRUCK  
GVW 7-8

APPLICATION  
BY ENGINE

MEDIUM  
DUTY TRUCK  
GVW 3-6

SCHOOL  
BUS

AGRICULTURAL

MUFFLER  
SPECS

O.E. CROSS  
REFERENCE