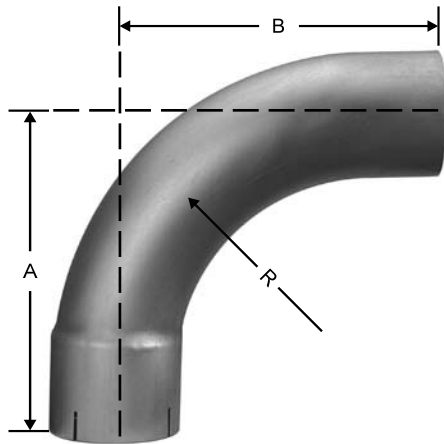


## 90° O.D. - I.D.

- 16 gauge aluminized or chrome plated steel
- One end O.D., one end I.D. slotted

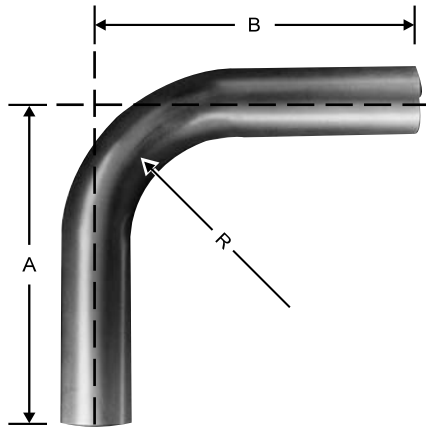


| Diameter O.D.-I.D. |     | Leg Length (A) |     | Leg Length (B) |     | Center Line Radius (R) |     | Aluminized | Chrome  |
|--------------------|-----|----------------|-----|----------------|-----|------------------------|-----|------------|---------|
| in                 | mm  | in             | mm  | in             | mm  | in                     | mm  |            |         |
| 2.00               | 51  | 9.00           | 229 | 9.00           | 229 | 5.00                   | 127 | P207333    |         |
|                    |     | 6.38           | 162 | 6.38           | 162 | 4.00                   | 102 | J008671    |         |
| 2.50               | 64  | 6.25           | 159 | 6.25           | 159 | 4.00                   | 102 | P206339    |         |
|                    |     | 12.00          | 305 | 12.00          | 305 | 5.00                   | 127 | P207335    |         |
| 2.75               | 70  | 6.38           | 162 | 6.38           | 162 | 5.00                   | 127 | P216172    |         |
| 3.00               | 76  | 8.00           | 203 | 8.00           | 203 | 5.00                   | 127 | P206340    |         |
|                    |     | 14.00          | 356 | 14.00          | 356 | 5.00                   | 127 | P206341    |         |
| 3.50               | 89  | 9.00           | 229 | 9.00           | 229 | 5.00                   | 127 | P206342    |         |
|                    |     | 12.00          | 305 | 12.00          | 305 | 5.00                   | 127 | P224669    |         |
|                    |     | 16.00          | 406 | 16.00          | 406 | 5.00                   | 127 | P206343    |         |
| 4.00               | 102 | 8.00           | 203 | 8.00           | 203 | 5.00                   | 127 | J008681    | P224671 |
|                    |     | 10.00          | 254 | 10.00          | 254 | 7.00                   | 178 | P206344    | P207345 |
|                    |     | 18.00          | 457 | 18.00          | 457 | 7.00                   | 178 | P206345    | P206353 |
|                    |     | 25.00          | 635 | 32.00          | 813 | 7.00                   | 178 | P207338    |         |
| 4.50               | 114 | 12.00          | 305 | 12.00          | 305 | 5.00                   | 127 | J190002    |         |
| 5.00               | 127 | 8.50           | 216 | 8.50           | 216 | 5.50                   | 140 | J190003    | J190004 |
|                    |     | 11.00          | 279 | 11.00          | 279 | 5.50                   | 140 | P207339    |         |
|                    |     | 11.00          | 279 | 11.00          | 279 | 8.00                   | 203 |            | J009547 |
|                    |     | 15.00          | 381 | 15.00          | 381 | 10.00                  | 254 | P206347    | P207346 |
|                    |     | 18.00          | 457 | 18.00          | 457 | 8.00                   | 203 |            | P206354 |
|                    |     | 18.00          | 457 | 18.00          | 457 | 10.00                  | 254 | P206348    |         |
| 6.00               | 152 | 25.00          | 635 | 32.00          | 813 | 10.00                  | 254 | P207340    |         |
|                    |     | 15.00          | 381 | 15.00          | 381 | 10.00                  | 254 | P207341    |         |
|                    |     | 26.00          | 660 | 26.00          | 660 | 10.00                  | 254 | P206350    |         |

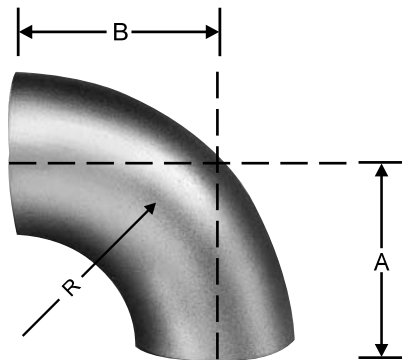
ACCESSORIES

## 90° O.D. - O.D.

- 16 gauge aluminized or chrome plated steel
- Both ends O.D.



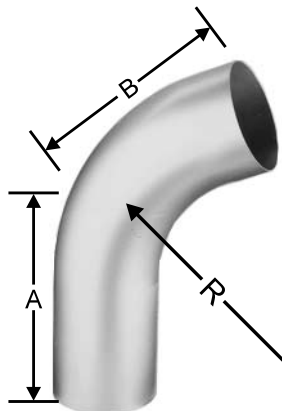
Short Radius 90° Elbow



| Diameter O.D.-O.D. |     | Leg Length (A) |     | Leg Length (B) |     | Center Line Radius (R) |     | Aluminized | Chrome  |
|--------------------|-----|----------------|-----|----------------|-----|------------------------|-----|------------|---------|
| in                 | mm  | in             | mm  | in             | mm  | in                     | mm  |            |         |
| 2.00               | 51  | 9.00           | 229 | 9.00           | 229 | 5.00                   | 127 | P207322    |         |
| 2.25               | 57  | 10.00          | 254 | 10.00          | 254 | 4.00                   | 102 | P216174    |         |
| 2.50               | 64  | 12.00          | 305 | 12.00          | 305 | 5.00                   | 127 | P207324    |         |
| 2.75               | 70  | 12.00          | 305 | 12.00          | 305 | 5.00                   | 127 | P207325    |         |
| 3.00               | 76  | 3.50           | 89  | 3.50           | 89  | 3.00                   | 76  | P206397    |         |
|                    |     | 6.00           | 152 | 6.00           | 152 | 4.00                   | 102 | P207362    |         |
|                    |     | 10.00          | 254 | 10.00          | 254 | 5.00                   | 127 | P207326    |         |
|                    |     | 14.00          | 356 | 14.00          | 356 | 5.00                   | 127 | J190013    |         |
| 3.50               | 89  | 4.00           | 102 | 4.00           | 102 | 4.00                   | 102 | P206398    |         |
|                    |     | 8.00           | 203 | 8.00           | 203 | 4.00                   | 102 | P207363    |         |
|                    |     | 9.00           | 229 | 9.00           | 229 | 5.00                   | 127 | J190014    |         |
|                    |     | 12.00          | 305 | 12.00          | 305 | 5.00                   | 127 | P207327    |         |
|                    |     | 16.00          | 406 | 16.00          | 406 | 5.00                   | 127 | P207328    |         |
| 4.00               | 102 | 4.50           | 114 | 4.50           | 114 | 4.00                   | 102 | P206399    |         |
|                    |     | 8.00           | 203 | 8.00           | 203 | 4.00                   | 102 | P207364    |         |
|                    |     | 9.00           | 229 | 15.00          | 381 | 4.00                   | 102 | P207330    |         |
|                    |     | 12.00          | 305 | 12.00          | 305 | 4.00                   | 102 | P206346    |         |
|                    |     | 18.00          | 457 | 18.00          | 457 | 7.00                   | 178 | P207329    | J190016 |
|                    |     | 25.00          | 635 | 25.00          | 635 | 5.00                   | 127 | J190017    |         |
|                    |     | 5.00           | 127 | 5.50           | 140 | 5.50                   | 140 | 5.50       | 140     |
| 5.00               | 127 | 10.00          | 254 | 10.00          | 254 | 5.50                   | 140 | P207365    |         |
|                    |     | 11.00          | 279 | 16.00          | 406 | 5.50                   | 140 | P207332    |         |
|                    |     | 15.00          | 381 | 15.00          | 381 | 8.00                   | 203 |            | J190019 |
|                    |     | 15.00          | 381 | 15.00          | 381 | 10.00                  | 254 | P207331    |         |
|                    |     | 20.00          | 508 | 20.00          | 508 | 10.00                  | 254 | P206349    |         |
|                    |     | 25.00          | 635 | 25.00          | 635 | 8.00                   | 203 | J190020    |         |
| 6.00               | 152 | 6.50           | 165 | 6.50           | 165 | 6.00                   | 152 | P207361    |         |
|                    |     | 10.00          | 254 | 10.00          | 254 | 6.00                   | 152 | P207366    |         |
|                    |     | 23.00          | 584 | 23.00          | 584 | 10.00                  | 254 | P216175    |         |

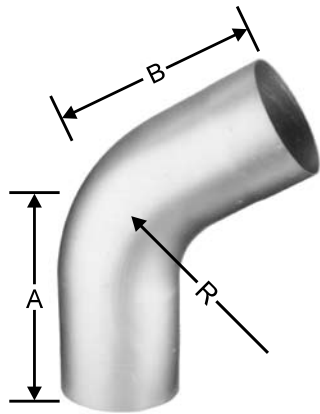
## 67° O.D. - O.D.

- 16 gauge aluminized steel
- Both ends O.D.



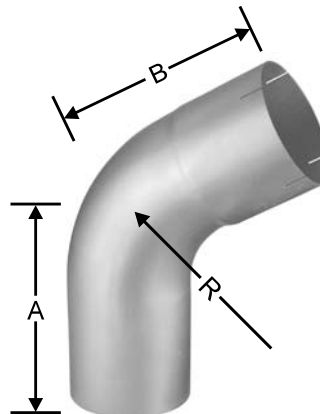
| Diameter O.D.-O.D. |     | Leg Length (A) |     | Leg Length (B) |     | Center Line Radius (R) |     | Part Number |
|--------------------|-----|----------------|-----|----------------|-----|------------------------|-----|-------------|
| in                 | mm  | in             | mm  | in             | mm  | in                     | mm  |             |
| 5.00               | 127 | 7.50           | 191 | 11.00          | 279 | 8.00                   | 203 | J009560     |

## 60° O.D. - O.D.



- 16 gauge aluminized steel
- Both ends O.D.

## 60° O.D. - I.D.



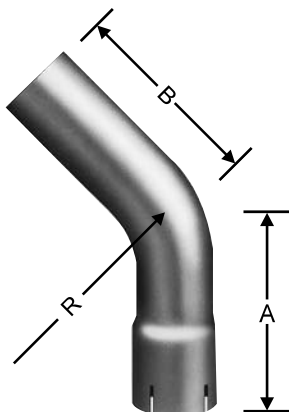
- 16 gauge aluminized steel
- One end O.D., one end I.D. slotted

| Diameter O.D.-O.D. |     | Leg Length (A & B) |     | Center Line Radius (R) |     | Part Number |
|--------------------|-----|--------------------|-----|------------------------|-----|-------------|
| in                 | mm  | in                 | mm  | in                     | mm  |             |
| 4.00               | 102 | 8.00               | 203 | 5.00                   | 127 | J009644     |
| 5.00               | 127 | 8.00               | 203 | 5.50                   | 140 | J009645     |

| Diameter O.D.-I.D. |     | Leg Length (A & B) |     | Center Line Radius (R) |     | Part Number |
|--------------------|-----|--------------------|-----|------------------------|-----|-------------|
| in                 | mm  | in                 | mm  | in                     | mm  |             |
| 3.50               | 89  | 8.00               | 203 | 5.00                   | 127 | J009639     |
| 4.00               | 102 | 8.00               | 203 | 5.00                   | 127 | J009640     |
| 5.00               | 127 | 8.00               | 203 | 5.50                   | 140 | J009641     |

## 45° O.D. - I.D.

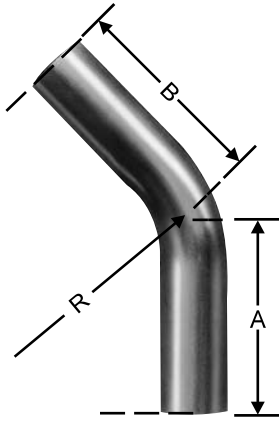
- 16 gauge aluminized or chrome plated steel
- One end O.D., one end I.D. slotted



| Diameter O.D.-I.D. |     | Leg Length (A & B) |     | Center Line Radius (R) |     | Aluminized | Chrome  |
|--------------------|-----|--------------------|-----|------------------------|-----|------------|---------|
| in                 | mm  | in                 | mm  | in                     | mm  |            |         |
| 2.00               | 51  | 6.00               | 152 | 5.00                   | 127 | P207356    |         |
| 2.50               | 64  | 6.00               | 152 | 4.00                   | 102 | P206279    |         |
| 3.00               | 76  | 7.00               | 178 | 5.00                   | 127 | P206280    |         |
| 3.50               | 89  | 8.00               | 203 | 5.00                   | 127 | P206281    |         |
| 4.00               | 102 | 8.00               | 203 | 7.00                   | 178 |            | P206285 |
|                    |     | 9.25               | 235 | 8.00                   | 203 | P206282    |         |
|                    |     | 12.00              | 305 | 5.00                   | 127 | J190023    |         |
| 5.00               | 127 | 8.00               | 203 | 8.00                   | 203 | J190025    | P206286 |
|                    |     | 12.00              | 305 | 8.00                   | 203 | P206283    |         |
|                    |     | 15.00              | 381 | 5.50                   | 140 | J190027    |         |
| 6.00               | 152 | 8.00               | 203 | 6.00                   | 152 | P207359    |         |

## 45° O.D. - O.D.

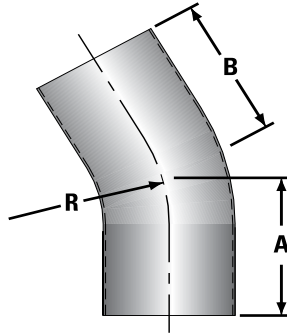
- 16 gauge aluminized or chrome plated steel
- Both ends O.D.



| Diameter O.D.-O.D. |     | Leg Length (A) |     | Leg Length (B) |     | Center Line Radius (R) |     | Aluminized | Chrome  |
|--------------------|-----|----------------|-----|----------------|-----|------------------------|-----|------------|---------|
| in                 | mm  | in             | mm  | in             | mm  | in                     | mm  |            |         |
| 2.00               | 51  | 6.00           | 152 | 6.00           | 152 | 5.00                   | 127 | P207347    |         |
| 2.50               | 64  | 6.00           | 152 | 6.00           | 152 | 5.00                   | 127 | P207349    |         |
| 2.75               | 70  | 6.00           | 152 | 6.00           | 152 | 5.00                   | 127 | P207350    |         |
| 3.00               | 76  | 7.00           | 178 | 7.00           | 178 | 5.00                   | 127 | P207351    |         |
| 3.50               | 89  | 8.00           | 203 | 8.00           | 203 | 5.00                   | 127 | P207352    |         |
| 4.00               | 102 | 8.00           | 203 | 8.00           | 203 | 4.00                   | 102 | P207353    |         |
| 5.00               | 127 | 8.00           | 203 | 8.00           | 203 | 5.50                   | 140 | P207354    | P216169 |
|                    |     | 15.00          | 381 | 15.00          | 381 | 8.00                   | 203 | P224674    |         |
| 6.00               | 152 | 8.00           | 203 | 8.00           | 203 | 6.00                   | 152 | P207355    |         |

## 30° O.D. - O.D.

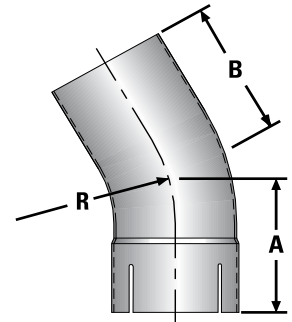
- 16 gauge aluminized steel
- Both ends O.D.



| Diameter O.D.-O.D. |     | Leg Length (A & B) |     | Center Line Radius (R) |     | Part Number |
|--------------------|-----|--------------------|-----|------------------------|-----|-------------|
| in                 | mm  | in                 | mm  | in                     | mm  |             |
| 3.50               | 89  | 4.00               | 102 | 5.00                   | 127 | J009635     |
| 4.00               | 102 | 4.00               | 102 | 5.00                   | 127 | J009636     |
| 5.00               | 127 | 4.00               | 102 | 5.50                   | 140 | J009637     |

## 30° O.D. - I.D.

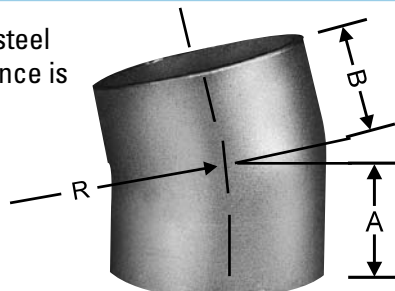
- 16 gauge aluminized steel
- One end O.D., one end I.D. slotted



| Diameter O.D.-I.D. |     | Leg Length (A & B) |     | Center Line Radius (R) |     | Part Number |
|--------------------|-----|--------------------|-----|------------------------|-----|-------------|
| in                 | mm  | in                 | mm  | in                     | mm  |             |
| 3.50               | 89  | 4.00               | 102 | 5.00                   | 127 | J009631     |
| 4.00               | 102 | 4.00               | 102 | 5.00                   | 127 | J009632     |
| 5.00               | 127 | 4.00               | 102 | 5.50                   | 140 | J009633     |

## 15° O.D. - O.D.

- 16 gauge aluminized steel
- For use where clearance is a problem



| Diameter O.D.-O.D. |     | Leg Length (A & B) |     | Center Line Radius (R) |     | Part Number |
|--------------------|-----|--------------------|-----|------------------------|-----|-------------|
| in                 | mm  | in                 | mm  | in                     | mm  |             |
| 3.00               | 76  | 1.75               | 44  | 5.00                   | 127 | P206393     |
| 3.50               | 89  | 1.75               | 44  | 5.00                   | 127 | P206394     |
| 4.00               | 102 | 2.00               | 51  | 4.00                   | 102 | P206395     |
| 5.00               | 127 | 4.00               | 102 | 5.50                   | 140 | P206396     |