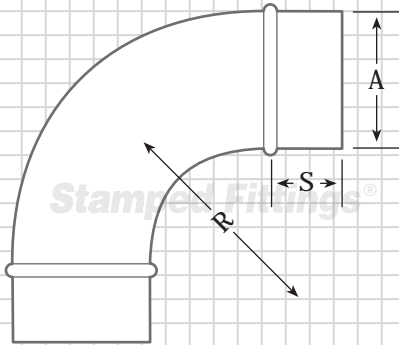
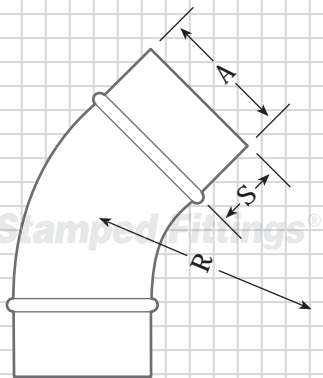


90° Die Stamped 1.0 CLR Flangeless Elbow (DSE190)



45° Die Stamped 1.0 CLR Flangeless Elbow (DSE145)



Key

A = Diameter
 R = 1A (centerline radius)
 S = 2"

Materials Available

- n Galvanized (4" - 10"), 24 ga.
- n Galvanized (12"), 22 ga.

Flangeless elbows are continuously stitch welded on the throat and heel from end to end (past the bead).

Dimensions

| (A) | 90° (R) | Wt. Per 90° Elbow | 45° (R) | Wt. Per 45° Elbow |
|-----|---------|-------------------|---------|-------------------|
| 4" | 4.0" | 0.8# | 4.0" | 0.5# |
| 5" | 5.0" | 1.0# | 5.0" | 0.6# |
| 6" | 6.0" | 1.4# | 6.0" | 1.0# |
| 7" | 7.0" | 2.0# | 7.0" | 1.2# |
| 8" | 8.0" | 2.4# | 8.0" | 1.6# |
| 9" | 9.0" | 3.0# | 9.0" | 2.0# |
| 10" | 10.0" | 3.8# | 10.0" | 2.6# |
| 12" | 12.0" | 7.0# | 12.0" | 4.0# |