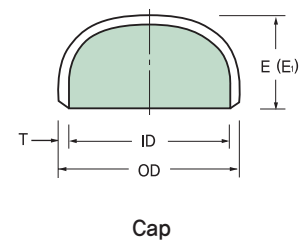
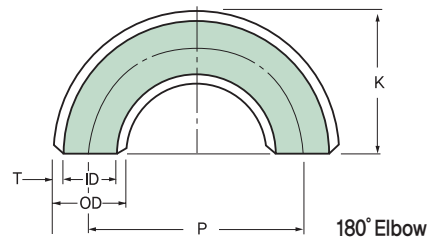


STAINLESS STEEL BUTT-WELDING FITTINGS

• 180° Elbow (Long, Short)

• Cap

Sch5s, Sch10s, Sch40s, Sch80s



ASME B16.9

Unit : inch

| Nominal Pipe Size | Outside Diameter OD | Wall Thickness T | | | | Length E | Limiting Wall Thickness For Length E | Length E _i | Wall Thickness T | | | |
|-------------------------|---------------------------|------------------|-------|-------|-------|-------------|--|--------------------------|------------------|-------|-------|-------|
| | | 5s | 10s | 40s | 80s | | | | Long | | Short | |
| | | | | | | | | | O | K | O | K |
| ½ | 0.840 | 0.065 | 0.083 | 0.109 | 0.147 | 1.00 | 0.18 | 1.00 | 3.00 | 1.88 | - | - |
| ¾ | 1.050 | 0.065 | 0.083 | 0.113 | 0.154 | 1.00 | 0.15 | 1.00 | 3.00 | 1.88 | - | - |
| 1 | 1.315 | 0.065 | 0.109 | 0.133 | 0.179 | 1.50 | 0.18 | 1.50 | 3.00 | 2.19 | 2.00 | 1.62 |
| 1¼ | 1.660 | 0.065 | 0.109 | 0.140 | 0.191 | 1.50 | 0.19 | 1.50 | 3.75 | 2.75 | 2.50 | 2.06 |
| 1½ | 1.900 | 0.065 | 0.109 | 0.145 | 0.200 | 1.50 | 0.20 | 1.50 | 4.50 | 3.25 | 3.00 | 2.44 |
| 2 | 2.375 | 0.065 | 0.109 | 0.154 | 0.218 | 1.50 | 0.22 | 1.75 | 6.00 | 4.19 | 4.00 | 3.19 |
| 2½ | 2.875 | 0.083 | 0.120 | 0.203 | 0.276 | 1.50 | 0.28 | 2.00 | 7.50 | 5.19 | 5.00 | 3.94 |
| 3 | 3.500 | 0.083 | 0.120 | 0.216 | 0.300 | 2.00 | 0.30 | 2.50 | 9.00 | 6.25 | 6.00 | 4.75 |
| 3½ | 4.000 | 0.083 | 0.120 | 0.226 | 0.318 | 2.50 | 0.32 | 3.00 | 10.50 | 7.25 | 7.00 | 5.50 |
| 4 | 4.500 | 0.083 | 0.120 | 0.237 | 0.337 | 2.50 | 0.34 | 3.00 | 12.00 | 8.25 | 8.00 | 6.25 |
| 5 | 5.563 | 0.109 | 0.134 | 0.258 | 0.375 | 3.00 | 0.38 | 3.50 | 15.00 | 10.31 | 10.00 | 7.75 |
| 6 | 6.625 | 0.109 | 0.134 | 0.280 | 0.432 | 3.50 | 0.43 | 4.00 | 18.00 | 12.31 | 12.00 | 9.31 |
| 8 | 8.625 | 0.109 | 0.148 | 0.322 | 0.500 | 4.00 | 0.50 | 5.00 | 24.00 | 16.31 | 16.00 | 12.31 |
| 10 | 10.750 | 0.134 | 0.165 | 0.365 | 0.500 | 5.00 | 0.50 | 6.00 | 30.00 | 20.38 | 20.00 | 15.38 |
| 12 | 12.750 | 0.156 | 0.180 | 0.375 | 0.500 | 6.00 | 0.50 | 7.00 | 36.00 | 24.38 | 24.00 | 18.38 |
| 14 | 14.000 | 0.156 | 0.188 | - | - | 6.50 | 0.50 | 7.50 | 42.00 | 28.00 | 28.00 | 21.00 |
| 16 | 16.000 | 0.165 | 0.188 | - | - | 7.00 | 0.50 | 8.00 | 48.00 | 32.00 | 32.00 | 24.00 |
| 18 | 18.000 | 0.165 | 0.188 | - | - | 8.00 | 0.50 | 9.00 | 54.00 | 36.00 | 36.00 | 27.00 |
| 20 | 20.000 | 0.188 | 0.218 | - | - | 9.00 | 0.50 | 10.00 | 60.00 | 40.00 | 40.00 | 30.00 |
| 22 | 22.000 | 0.188 | 0.218 | - | - | 10.00 | 0.50 | 10.00 | 66.00 | 44.00 | 44.00 | 33.00 |
| 24 | 24.000 | 0.218 | 0.250 | - | - | 10.50 | 0.50 | 12.00 | 72.00 | 48.00 | 48.00 | 36.00 |
| 30 | 30.000 | 0.250 | 0.312 | - | - | 10.50 | - | - | - | - | - | - |