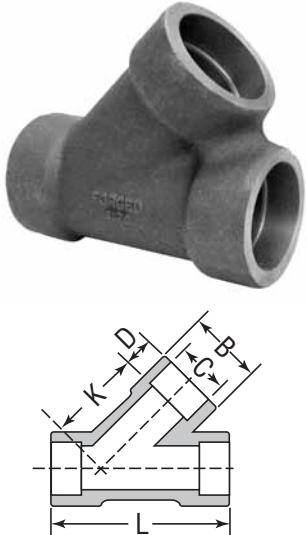
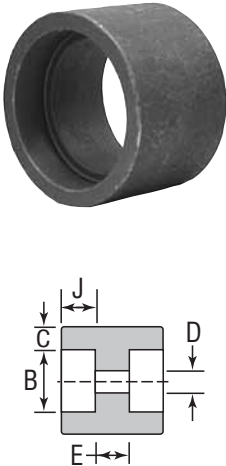


FORGED STEEL FITTINGS

Forged Steel Fittings

Class 3000 Socket Weld

| FIGURE 2158 Laterals | Size | | B | | C | | D | | K | | L | | Unit Weight | |
|--------------------------------|---|-----|------|-------|-------|-------|-------|-------|-------|--------|-------|--------|-------------|------|
| | NPS | DN | in | mm | in | mm | in | mm | in | mm | in | mm | lbs | kg |
| |  | 1/2 | 15 | 1.31 | 33.27 | 0.855 | 21.72 | 0.375 | 8.89 | 2.125 | 54.66 | 3.000 | 76.20 | 1.00 |
| | 3/4 | 20 | 1.56 | 39.62 | 1.065 | 27.05 | 0.500 | 12.70 | 2.563 | 65.10 | 3.563 | 90.50 | 1.50 | 0.68 |
| | 1 | 25 | 1.84 | 46.74 | 1.330 | 33.78 | 0.500 | 12.70 | 3.000 | 76.2 | 4.125 | 104.78 | 2.38 | 1.07 |
| | 1 1/4 | 32 | 2.22 | 56.39 | 1.675 | 41.91 | 0.500 | 12.70 | 3.500 | 88.90 | 4.810 | 122.17 | 3.75 | 1.69 |
| | 1 1/2 | 40 | 2.50 | 63.50 | 1.915 | 49.53 | 0.500 | 12.70 | 3.940 | 100.08 | 5.375 | 135.89 | 4.13 | 1.91 |
| | 2 | 50 | 3.03 | 79.96 | 2.406 | 61.11 | 0.625 | 16.51 | 4.750 | 120.65 | 6.440 | 163.58 | 6.29 | 2.83 |

| FIGURE 2154 Couplings | Size | | B Socket Dia. | | C Minimum | | D Bore Dia. | | E | | J Socket Depth Minimum | | Unit Weight | |
|---------------------------------|---|-----|------------------|----------------|--------------|-------|----------------|----------------|------------|------|------------------------------|------|-------------|------|
| | NPS | DN | in | mm | in | mm | in | mm | in | mm | in | mm | lbs | kg |
| |  | 1/8 | 6 | .440 .420 | 11.2 10.8 | 0.125 | 3.18 | .299 .239 | 7.6 6.1 | 0.25 | 6.5 | 0.38 | 9.5 | 0.08 |
| | 1/4 | 8 | .575 .555 | 14.6 14.2 | 0.130 | 3.30 | .394 .334 | 10.0 8.5 | 0.25 | 6.5 | 0.38 | 9.5 | 0.10 | 0.05 |
| | 3/8 | 10 | .710 .690 | 18.0 17.6 | 0.138 | 3.50 | .523 .463 | 13.3 11.8 | 0.25 | 6.5 | 0.38 | 9.5 | 0.16 | 0.07 |
| | 1/2 | 15 | .875 .855 | 22.2 21.8 | 0.161 | 4.09 | .652 .592 | 16.6 15.0 | 0.38 | 9.5 | 0.38 | 9.5 | 0.21 | 0.10 |
| | 3/4 | 20 | 1.085 1.065 | 27.6 27.2 | 0.168 | 4.27 | .854 .794 | 21.7 20.2 | 0.38 | 9.5 | 0.50 | 12.5 | 0.40 | 0.18 |
| | 1 | 25 | 1.350 1.330 | 34.3 33.9 | 0.196 | 4.98 | 1.079 1.019 | 27.4 25.9 | 0.50 | 12.5 | 0.50 | 12.5 | 0.55 | 0.25 |
| | 1 1/4 | 32 | 1.695 1.675 | 43.1 42.7 | 0.208 | 5.28 | 1.410 1.350 | 35.8 34.3 | 0.50 | 12.5 | 0.50 | 12.5 | 0.75 | 0.34 |
| | 1 1/2 | 40 | 1.935 1.915 | 49.2 48.8 | 0.218 | 5.54 | 1.640 1.580 | 41.6 40.1 | 0.50 | 12.5 | 0.50 | 12.5 | 1.10 | 0.50 |
| | 2 | 50 | 2.426 2.406 | 61.7 61.2 | 0.238 | 6.04 | 2.097 2.037 | 53.3 51.7 | 0.75 | 19.0 | 0.62 | 16.0 | 1.65 | 0.75 |
| | 2 1/2 | 65 | 2.931 2.906 | 74.4 73.9 | 0.302 | 7.67 | 2.529 2.409 | 64.2 61.2 | 0.75 | 19.0 | 0.62 | 16.0 | 3.25 | 1.47 |
| | 3 | 80 | 3.560 3.535 | 90.3 89.8 | 0.327 | 8.30 | 3.128 3.008 | 79.4 76.4 | 0.75 | 19.0 | 0.62 | 16.0 | 5.10 | 2.31 |
| | 4 | 100 | 4.570 4.545 | 115.7 115.2 | 0.368 | 9.35 | 4.086 3.966 | 103.8 100.7 | 0.75 | 19.0 | 0.75 | 19.0 | 7.50 | 3.40 |

Note: When the pipe is seated against the bottom of the socket prior to welding, to prevent possible cracking of the fillet welds, it is recommended that the pipe be withdrawn approximately 1/8 in (1.6mm) away from contact with the bottom of the socket before starting the weld.

Average of socket wall thickness around periphery shall be no less than listed values. The minimum values are permitted in localized areas.