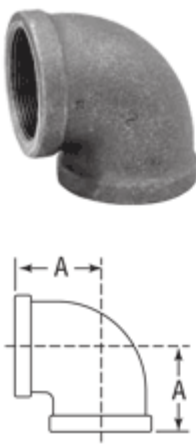
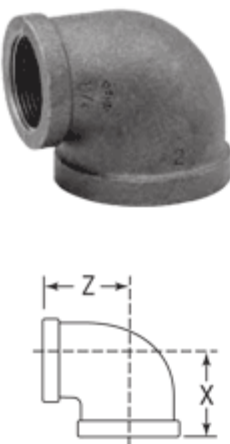


Malleable Iron

Class 150 (Standard)

| FIGURE 1101 90° Elbow | Size | | A | | Unit Weight | | | |
|---|-------------|-----------|-----------|-----------|--------------------|-----------|--------------|-----------|
| | | | | | Black | | Galv. | |
| | NPS | DN | in | mm | lbs | kg | lbs | kg |
|  | 1/8 | 6 | 11/16 | 17 | 0.06 | 0.03 | 0.06 | 0.03 |
| | 1/4 | 8 | 13/16 | 22 | 0.11 | 0.05 | 0.11 | 0.05 |
| | 3/8 | 10 | 15/16 | 24 | 0.17 | 0.08 | 0.17 | 0.08 |
| | 1/2 | 15 | 1 1/8 | 29 | 0.30 | 0.14 | 0.30 | 0.14 |
| | 3/4 | 20 | 1 5/16 | 33 | 0.45 | 0.20 | 0.45 | 0.20 |
| | 1 | 25 | 1 1/2 | 38 | 0.73 | 0.33 | 0.73 | 0.33 |
| | 1 1/4 | 32 | 1 3/4 | 44 | 0.97 | 0.44 | 0.97 | 0.44 |
| | 1 1/2 | 40 | 1 15/16 | 49 | 1.30 | 0.59 | 1.30 | 0.59 |
| | 2 | 50 | 2 1/4 | 57 | 2.06 | 0.93 | 2.06 | 0.93 |
| | 2 1/2 | 65 | 2 11/16 | 68 | 3.55 | 1.61 | 3.55 | 1.61 |
| | 3 | 80 | 3 1/16 | 78 | 5.46 | 2.48 | 5.46 | 2.48 |
| | 3 1/2 | 90 | 3 7/16 | 87 | 7.10 | 3.22 | 7.10 | 3.22 |
| | 4 | 100 | 3 13/16 | 98 | 8.95 | 4.06 | 8.95 | 4.06 |
| | 6 | 150 | 5 1/8 | 130 | 23.00 | 10.43 | 23.00 | 10.43 |

| FIGURE 1101R Reducing Elbow | Size | | | | X | | Z | | Unit Weight | | | |
|---|-------------|-----------|------------|-----------|-----------|-----------|-----------|-----------|--------------------|-----------|--------------|-----------|
| | | | | | | | | | Black | | Galv. | |
| | NPS | DN | NPS | DN | in | mm | in | mm | lbs | kg | lbs | kg |
|  | 1/4 | 8 | 1/8 | 6 | 3/4 | 19 | 3/4 | 19 | 0.10 | 0.05 | 0.10 | 0.05 |
| | 3/8 | 10 | 1/8 | 6 | 13/16 | 22 | 7/8 | 22 | 0.12 | 0.05 | 0.12 | 0.05 |
| | | | 1/4 | 8 | 7/8 | 22 | 15/16 | 24 | 0.14 | 0.06 | 0.14 | 0.06 |
| | 1/2 | 15 | 1/4 | 8 | 1 | 25 | 1 | 25 | 0.19 | 0.09 | 0.19 | 0.09 |
| | | | 3/8 | 10 | 1 1/16 | 27 | 1 1/16 | 27 | 0.22 | 0.10 | 0.22 | 0.10 |
| | 3/4 | 20 | 1/4 | 8 | 1 1/8 | 29 | 1 1/8 | 29 | 0.26 | 0.12 | 0.26 | 0.12 |
| | | | 3/8 | 10 | 1 1/8 | 29 | 1 1/8 | 29 | 0.29 | 0.13 | 0.29 | 0.13 |
| | | | 1/2 | 15 | 1 3/16 | 30 | 1 1/4 | 32 | 0.38 | 0.17 | 0.38 | 0.17 |
| | 1 | 25 | 3/8 | 10 | 1 3/16 | 30 | 1 1/4 | 32 | 0.41 | 0.19 | 0.41 | 0.19 |
| | | | 1/2 | 15 | 1 1/4 | 32 | 1 3/8 | 35 | 0.46 | 0.21 | 0.46 | 0.21 |
| | | | 3/4 | 20 | 1 3/8 | 35 | 1 7/16 | 37 | 0.56 | 0.25 | 0.56 | 0.25 |
| | 1 1/4 | 32 | 1/2 | 15 | 1 3/8 | 35 | 1 9/16 | 40 | 0.61 | 0.28 | 0.61 | 0.28 |
| | | | 3/4 | 20 | 1 7/16 | 37 | 1 5/8 | 41 | 0.71 | 0.32 | 0.71 | 0.32 |
| | | | 1 | 25 | 1 9/16 | 40 | 1 11/16 | 43 | 0.87 | 0.39 | 0.87 | 0.39 |
| | 1 1/2 | 40 | 3/4 | 20 | 1 1/2 | 38 | 1 3/4 | 44 | 0.83 | 0.38 | 0.83 | 0.38 |
| | | | 1 | 25 | 1 5/8 | 41 | 1 13/16 | 47 | 1.02 | 0.46 | 1.02 | 0.46 |
| | | | 1 1/4 | 32 | 1 13/16 | 47 | 1 7/8 | 48 | 1.17 | 0.53 | 1.17 | 0.53 |
| | 2 | 50 | 3/4 | 20 | 1 5/8 | 41 | 2 | 51 | 1.30 | 0.59 | 1.30 | 0.59 |
| | | | 1 | 25 | 1 3/4 | 44 | 2 | 51 | 1.35 | 0.61 | 1.35 | 0.61 |
| | | | 1 1/4 | 32 | 1 7/8 | 48 | 2 1/8 | 54 | 1.53 | 0.69 | 1.53 | 0.69 |
| 1 1/2 | | | 40 | 2 | 51 | 2 1/8 | 54 | 1.75 | 0.79 | 1.75 | 0.79 | |
| 2 1/2 | 65 | 1 1/2 | 40 | 2 3/16 | 56 | 2 1/2 | 64 | 2.50 | 1.13 | 2.50 | 1.13 | |
| | | 2 | 50 | 2 7/16 | 62 | 2 5/8 | 67 | 2.98 | 1.35 | 2.98 | 1.35 | |
| 3 | 80 | 2 | 50 | 2 9/16 | 65 | 2 15/16 | 75 | 3.75 | 1.70 | 3.75 | 1.70 | |
| | | 2 1/2 | 65 | 2 13/16 | 73 | 3 | 76 | 4.30 | 1.95 | 4.30 | 1.95 | |
| 4 | 100 | 3 | 80 | 3 5/16 | 84 | 3 5/8 | 92 | 7.87 | 3.57 | 7.87 | 3.57 | |

Note: See page 17 for pressure-temperature ratings. Galvanized weights may vary. Please contact your Anvil Representative if you need verification.
 All Elbows & Tees 3/4" (10 DN) and Larger are 100% Gas Tested at a Minimum of 100 PSI. (6.9 bar)