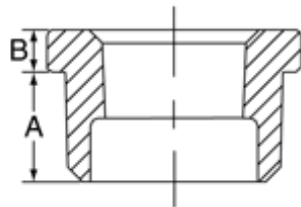
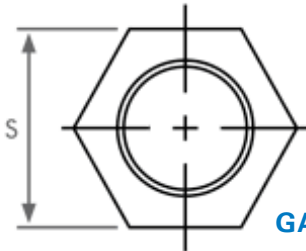


## PRODUCT SPECIFICATIONS

## Malleable Iron Screwed Fittings - Class 150



BLACK



GALVANIZED



### MATERIAL SPECIFICATIONS

Dimensional: Fittings: ASME B16.3  
Unions: ASME B16.39  
Bushings/Plugs: ASME B16.14

Material: ASTM A-197

Galvanizing: ASTM A-153 (Hot Dip Galvanizing)

Threading\*: ASME B1.20.1

Pressure Rating: Fittings: ASME B16.3  
Unions: ASME B16.39  
Bushings/Plugs: ASME B16.14

Pressure Testing: All malleable iron fittings are tested for through wall porosity using an air under water process.

Agency Approvals: All malleable iron fittings and unions are UL Listed and FM Approved.

\* British Standard threading per BS 21 available upon request.



For Listings/Approval Details and Limitations, visit our website at [www.anvil.com](http://www.anvil.com) or contact an Anvil Sales Representative.

### HEX BUSHING

| Nominal Size |          | Dimensions |          |          | Approx. Wt. Each | Hex     |
|--------------|----------|------------|----------|----------|------------------|---------|
|              |          | A          | B        | S        |                  |         |
| In. (mm)     | In. (mm) | In. (mm)   | In. (mm) | In. (mm) | Lbs. (kg)        |         |
| 3/4          | 15       | 0.63       | 0.22     | 1.15     | 0.11             | Outside |
|              | 20       | 16.00      | 5.59     | 29.21    | 0.05             |         |
| 1            | 6        | 0.75       | 0.30     | 1.12     | 0.18             | Inside  |
|              | 10       | 19.05      | 7.62     | 28.45    | 0.08             |         |
|              | 15       | 0.75       | 0.30     | 1.12     | 0.21             | Inside  |
|              | 20       | 19.05      | 7.62     | 28.45    | 0.10             |         |
|              | 25       | 0.75       | 0.30     | 1.12     | 0.20             | Inside  |
|              | 30       | 19.05      | 7.62     | 28.45    | 0.09             |         |
| 1 1/4        | 15       | 0.75       | 0.25     | 1.42     | 0.22             | Outside |
|              | 20       | 19.05      | 6.35     | 36.07    | 0.10             |         |
|              | 25       | 0.75       | 0.25     | 1.42     | 0.18             | Outside |
|              | 30       | 19.05      | 6.35     | 36.07    | 0.08             |         |
|              | 35       | 0.80       | 0.34     | 1.12     | 0.30             | Inside  |
|              | 40       | 20.32      | 8.64     | 28.45    | 0.14             |         |
| 1 1/2        | 10       | 0.80       | 0.34     | 1.12     | 0.28             | Inside  |
|              | 15       | 20.32      | 8.64     | 28.45    | 0.13             |         |
|              | 20       | 0.80       | 0.34     | 1.34     | 0.32             | Inside  |
|              | 25       | 20.32      | 8.64     | 34.04    | 0.15             |         |
|              | 30       | 0.80       | 0.28     | 1.76     | 0.37             | Outside |
|              | 35       | 20.32      | 7.11     | 44.70    | 0.17             |         |
| 1 3/4        | 15       | 0.80       | 0.28     | 1.76     | 0.30             | Outside |
|              | 20       | 20.32      | 7.11     | 44.70    | 0.14             |         |
|              | 25       | 0.83       | 0.37     | 1.12     | 0.38             | Inside  |
|              | 30       | 21.08      | 9.40     | 28.45    | 0.17             |         |
|              | 35       | 0.83       | 0.37     | 1.12     | 0.38             | Inside  |
|              | 40       | 21.08      | 9.40     | 28.45    | 0.17             |         |
| 2            | 15       | 0.83       | 0.37     | 1.34     | 0.40             | Inside  |
|              | 20       | 21.08      | 9.40     | 34.04    | 0.18             |         |
|              | 25       | 0.83       | 0.37     | 1.63     | 0.45             | Inside  |
|              | 30       | 21.08      | 9.40     | 41.40    | 0.20             |         |
|              | 35       | 0.83       | 0.31     | 2.00     | 0.46             | Outside |
|              | 40       | 21.08      | 7.87     | 50.80    | 0.21             |         |
| 2 1/2        | 15       | 0.83       | 0.31     | 2.00     | 0.31             | Outside |
|              | 20       | 21.08      | 7.87     | 50.80    | 0.14             |         |
|              | 25       | 0.88       | 0.41     | 1.12     | 0.54             | Inside  |
|              | 30       | 22.35      | 10.41    | 28.45    | 0.24             |         |
|              | 35       | 0.88       | 0.41     | 1.34     | 0.56             | Inside  |
|              | 40       | 22.35      | 10.41    | 34.04    | 0.25             |         |
| 2 3/4        | 15       | 0.88       | 0.41     | 1.63     | 0.61             | Inside  |
|              | 20       | 22.35      | 10.41    | 41.40    | 0.28             |         |
|              | 25       | 0.88       | 0.41     | 1.95     | 0.65             | Inside  |
|              | 30       | 22.35      | 10.41    | 49.53    | 0.29             |         |
|              | 35       | 0.88       | 0.34     | 2.48     | 0.80             | Outside |
|              | 40       | 22.35      | 8.64     | 62.99    | 0.36             |         |
| 3            | 15       | 0.88       | 0.34     | 2.48     | 0.66             | Outside |
|              | 20       | 22.35      | 8.64     | 62.99    | 0.30             |         |

### HEX BUSHING

| Nominal Size |          | Dimensions |          |          | Approx. Wt. Each | Hex     |
|--------------|----------|------------|----------|----------|------------------|---------|
|              |          | A          | B        | S        |                  |         |
| In. (mm)     | In. (mm) | In. (mm)   | In. (mm) | In. (mm) | Lbs. (kg)        |         |
| 2 1/2        | 30       | 1.07       | 0.44     | 1.63     | 0.98             | Inside  |
|              | 35       | 27.18      | 11.18    | 41.40    | 0.44             |         |
|              | 40       | 1.07       | 0.44     | 1.95     | 1.04             | Inside  |
|              | 45       | 27.18      | 11.18    | 49.53    | 0.47             |         |
|              | 50       | 1.07       | 0.44     | 2.39     | 1.10             | Inside  |
|              | 55       | 27.18      | 11.18    | 60.71    | 0.50             |         |
| 3            | 15       | 1.07       | 0.44     | 2.68     | 1.38             | Outside |
|              | 20       | 27.18      | 11.18    | 68.07    | 0.63             |         |
|              | 25       | 1.07       | 0.37     | 2.98     | 0.97             | Outside |
|              | 30       | 27.18      | 9.40     | 75.69    | 0.44             |         |
|              | 35       | 1.13       | 0.48     | 1.95     | 1.48             | Inside  |
|              | 40       | 28.70      | 12.19    | 49.53    | 0.67             |         |
| 3 1/2        | 15       | 1.13       | 0.48     | 2.39     | 1.57             | Inside  |
|              | 20       | 28.70      | 12.19    | 60.71    | 0.71             |         |
|              | 25       | 1.13       | 0.48     | 2.68     | 1.62             | Inside  |
|              | 30       | 28.70      | 12.19    | 68.07    | 0.73             |         |
|              | 35       | 1.13       | 0.48     | 3.28     | 2.10             | Outside |
|              | 40       | 28.70      | 12.19    | 83.31    | 0.95             |         |
| 4            | 15       | 1.13       | 0.40     | 3.86     | 1.84             | Outside |
|              | 20       | 28.70      | 10.16    | 98.04    | 0.83             |         |
|              | 25       | 1.18       | 0.43     | 4.62     | 2.10             | Outside |
|              | 30       | 29.97      | 10.92    | 117.35   | 0.95             |         |
|              | 35       | 1.22       | 0.67     | 1.63     | 2.48             | Inside  |
|              | 40       | 30.99      | 17.02    | 41.40    | 1.12             |         |
| 4 1/2        | 15       | 1.22       | 0.60     | 1.95     | 2.60             | Inside  |
|              | 20       | 30.99      | 15.24    | 49.53    | 1.18             |         |
|              | 25       | 1.22       | 0.60     | 2.39     | 2.74             | Inside  |
|              | 30       | 30.99      | 15.24    | 60.71    | 1.24             |         |
|              | 35       | 1.22       | 0.60     | 2.68     | 2.81             | Inside  |
|              | 40       | 30.99      | 15.24    | 68.07    | 1.27             |         |
| 5            | 15       | 1.22       | 0.60     | 3.28     | 2.91             | Inside  |
|              | 20       | 30.99      | 15.24    | 83.31    | 1.32             |         |
|              | 25       | 1.22       | 0.60     | 3.86     | 2.98             | Inside  |
|              | 30       | 30.99      | 15.24    | 98.04    | 1.35             |         |
|              | 35       | 1.22       | 0.50     | 4.62     | 2.93             | Outside |
|              | 40       | 30.99      | 12.70    | 117.35   | 1.33             |         |

## PRODUCT SPECIFICATIONS

## Steel Screwed Fittings

**BLACK**



**GALVANIZED**



| Nominal Pipe Size |        | Overall Length |    | Width Across Flats |    | Unit Weight |      |
|-------------------|--------|----------------|----|--------------------|----|-------------|------|
| NPS               | DN     | in             | mm | in                 | mm | lbs         | kg   |
| 1/4 x 1/8         | 8 x 6  | 0.625          | 16 | 0.625              | 16 | 0.02        | 0.01 |
| 3/8 x 1/8         | 10 x 6 | 0.750          | 19 | 0.687              | 17 | 0.05        | 0.02 |
| 3/8 x 1/4         | 10 x 8 | 0.750          | 19 | 0.687              | 17 | 0.03        | 0.01 |

All dimensions listed are nominal. MAINLINE<sup>®</sup> reserves the right to make product and material changes at any time without notice.



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