

150# Malleable Fittings • Spec Sheet

CHINESE

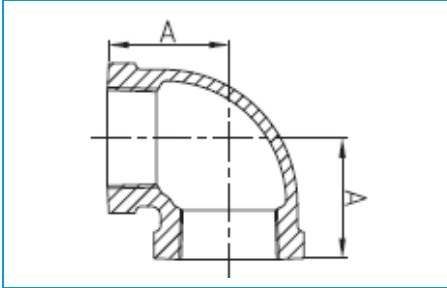


- Black & Galvanized
- Material: ASTM A197/A197M
- Dimensions:
 - ASME B16.3 covering 90° Elbows, 45° Elbows, Couplings, Reducers, 90° Street Elbows, 45° Street Elbows, Caps, Tees
 - ASME B16.39 covering Unions
 - ASME B16.14 covering Bushings, Plugs
- Threads: ASME B1.201
- Available: 1/8" through 6"
- Approvals: UL & FM approved

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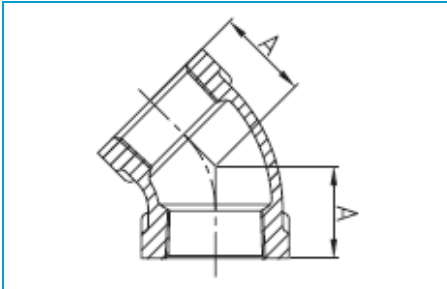
CHINESE

90 Elbow



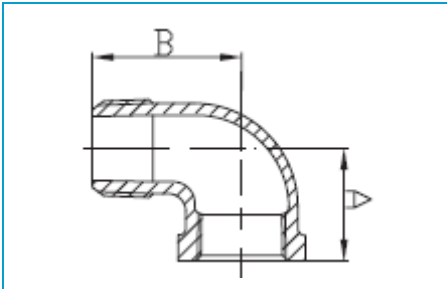
| | | | | | | |
|------|-------|-------|------|-------|------|------|
| Size | 1/8 | 1/4 | 3/8 | 1/2 | 3/4 | 1 |
| A | 0.69 | 0.81 | 0.95 | 1.12 | 1.31 | 1.50 |
| Size | 1-1/4 | 1-1/2 | 2 | 2-1/2 | 3 | 4 |
| A | 1.75 | 1.94 | 2.25 | 2.70 | 3.08 | 3.79 |
| Size | 5 | 6 | | | | |
| A | 4.50 | 5.13 | | | | |

45 Elbow



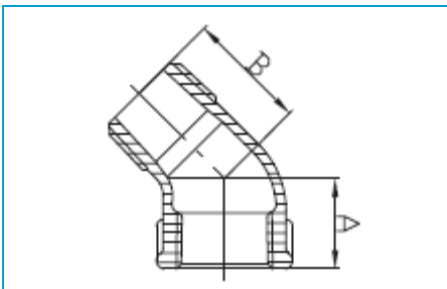
| | | | | | | |
|------|-------|-------|------|-------|------|------|
| Size | 1/8 | 1/4 | 3/8 | 1/2 | 3/4 | 1 |
| A | 0.63 | 0.73 | 0.80 | 0.88 | 0.98 | 1.12 |
| Size | 1-1/4 | 1-1/2 | 2 | 2-1/2 | 3 | 4 |
| A | 1.29 | 1.43 | 1.68 | 1.95 | 2.17 | 2.61 |
| Size | 5 | 6 | | | | |
| A | 3.05 | 3.46 | | | | |

90 Street Elbow



| | | | | | | |
|------|-------|-------|------|-------|------|------|
| Size | 1/8 | 1/4 | 3/8 | 1/2 | 3/4 | 1 |
| A | 0.69 | 0.81 | 0.95 | 1.12 | 1.31 | 1.50 |
| B | 1.00 | 1.19 | 1.44 | 1.62 | 1.89 | 2.14 |
| Size | 1-1/4 | 1-1/2 | 2 | 2-1/2 | 3 | 4 |
| A | 1.75 | 1.94 | 2.25 | 2.70 | 3.08 | 3.79 |
| B | 2.45 | 2.69 | 3.26 | 3.86 | 4.52 | 5.69 |

45 Street Elbow

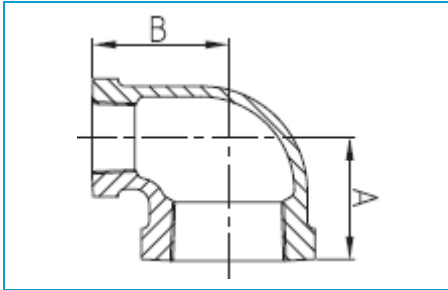


| | | | | | | |
|------|-------|-------|------|-------|------|------|
| Size | 1/8 | 1/4 | 3/8 | 1/2 | 3/4 | 1 |
| A | 0.63 | 0.73 | 0.80 | 0.88 | 0.98 | 1.12 |
| B | 0.83 | 0.94 | 1.03 | 1.15 | 1.29 | 1.47 |
| Size | 1-1/4 | 1-1/2 | 2 | 2-1/2 | 3 | 4 |
| A | 1.29 | 1.43 | 1.68 | 1.95 | 2.17 | 2.61 |
| B | 1.71 | 1.88 | 2.22 | 2.57 | 3.00 | 3.70 |

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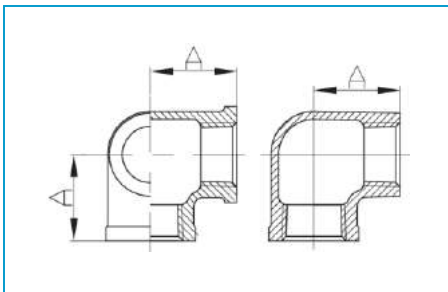
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Reducing Elbow



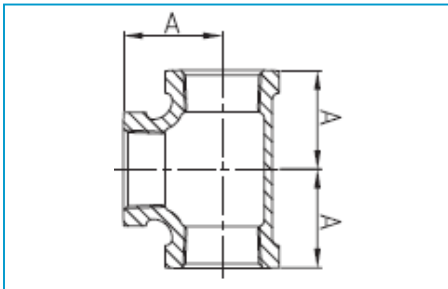
| Size | 1/4x1/8 | 3/8x1/8 | 3/8x1/4 | 1/2x1/4 | 1/2x3/8 | 3/4x1/4 | 3/4x3/8 | 3/4x1/2 |
|------|-------------|---------|-----------|-----------|---------|-----------|-------------|---------|
| A | 0.74 | 0.81 | 0.88 | 0.97 | 1.04 | 1.05 | 1.12 | 1.20 |
| B | 0.76 | 0.85 | 0.90 | 0.98 | 1.03 | 1.08 | 1.13 | 1.22 |
| Size | 1x1/2 | 1x3/4 | 1-1/4x1/2 | 1-1/4x3/4 | 1-1/4x1 | 1-1/2x1/2 | 1-1/2x3/4 | 1-1/2x1 |
| A | 1.26 | 1.37 | 1.34 | 1.45 | 1.58 | 1.38 | 1.52 | 1.65 |
| B | 1.40 | 1.45 | 1.53 | 1.62 | 1.67 | 1.64 | 1.75 | 1.80 |
| Size | 1-1/2x1-1/4 | 2x1/2 | 2x3/4 | 2x1 | 2x1-1/4 | 2x1-1/2 | 2-1/2x1-1/4 | |
| A | 1.82 | 1.48 | 1.60 | 1.73 | 1.90 | 2.02 | 1.99 | |
| B | 1.88 | 1.87 | 1.97 | 2.02 | 2.10 | 2.16 | 2.36 | |
| Size | 2-1/2x1-1/2 | 2-1/2x2 | 3x1-1/2 | 3x2 | 3x2-1/2 | 4x2 | 4x3 | |
| A | 2.16 | 2.39 | 2.29 | 2.52 | 2.83 | 2.72 | 3.30 | |
| B | 2.51 | 2.60 | 2.84 | 2.89 | 2.99 | 3.43 | 3.60 | |

Side Outlet Elbow



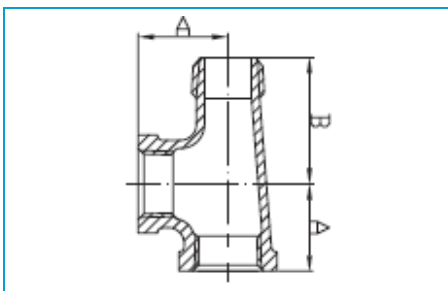
| Size | 1/2 | 3/4 |
|------|------|------|
| A | 1.10 | 1.30 |

Tee



| Size | 1/8 | 1/4 | 3/8 | 1/2 | 3/4 | 1 |
|------|-------|-------|------|-------|------|------|
| A | 0.69 | 0.81 | 0.95 | 1.12 | 1.31 | 1.50 |
| Size | 1-1/4 | 1-1/2 | 2 | 2-1/2 | 3 | 4 |
| A | 1.75 | 1.94 | 2.25 | 2.70 | 3.08 | 3.79 |
| Size | 5 | 6 | | | | |
| A | 4.50 | 5.13 | | | | |

Street Service Tee



| Size | 1/2 | 3/4 | 1 |
|------|------|------|------|
| A | 1.12 | 1.31 | 1.50 |
| B | 1.62 | 1.89 | 2.14 |