

# For Residential and Commercial Applications

Job Name:

Engineer/Architect:

Job Location:

Wholesaler:

Submittal Date:

Contractor:

## 66 Series Compression x Female Iron Pipe Reducing Adapter

**Use:** For use with instrumentation, hydraulic and pneumatic systems. Designed for use with aluminum, copper and plastic tubing. Not intended for use with steel tubing

\* Plastic tubing requires a plastic insert and sleeve (see 60PT & 63PT submittal forms for details).

### Design Features:

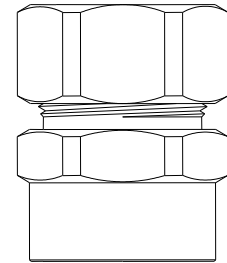
- **Little to no tube preparation.** Compression fittings do not require flaring, soldering or other types of tube preparation
- **Available in a broad range of sizes**
- 

### Operating Specifications:

**Temperature:** -65° - 250°F at maximum operating pressures

**Working Pressure:** See chart below

**Vibration:** Fair vibration resistance



### WORKING PRESSURE

| PSI | Tube O.D. | Tube Wall (Inches) |
|-----|-----------|--------------------|
| 400 | 1/8       | 0.030              |
| 400 | 3/16      | 0.030              |
| 300 | 1/4       | 0.030              |
| 300 | 5/16      | 0.032              |
| 200 | 3/8       | 0.032              |
| 200 | 1/2       | 0.032              |
| 150 | 5/8       | 0.035              |
| 100 | 3/4       | 0.035              |
| 75  | 7/8       | 0.035              |

### Standard Product

#### FITTING MATERIAL SPECIFICATIONS

|                           |         |
|---------------------------|---------|
| <b>Body</b>               | Brass   |
| <b>Compression Sleeve</b> | Brass   |
| <b>Compression Nut</b>    | Brass   |
| <b>Option</b>             | Plating |

### Low-lead Product

#### FITTING MATERIAL SPECIFICATIONS

|                           |                |
|---------------------------|----------------|
| <b>Body</b>               | Low-lead brass |
| <b>Compression Sleeve</b> | Brass          |
| <b>Compression Nut</b>    | Brass          |

### Standard Part Listing:

- ☐ 66-3-2 3/16" OD tube x 1/8" FIP
- ☐ 66-3-2 B 3/16" OD tube x 1/8" FIP, bulk
- ☐ 66-3-2-1 B 3/16" OD tube x 1/8" FIP - body only, bulk

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300.103 66 Series Reducing Adapters - Comp x FIP REV 9.19

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## Standard Part Listing (con't):

|                          |              |                                              |
|--------------------------|--------------|----------------------------------------------|
| <input type="checkbox"/> | 66-3-4       | 3/16" OD tube x 1/4" FIP, bulk               |
| <input type="checkbox"/> | 66-3-4-1 B   | 3/16" OD tube x 1/4" FIP- body only, bulk    |
| <input type="checkbox"/> | 66-4-2       | 1/4" OD tube x 1/8" FIP                      |
| <input type="checkbox"/> | 66-4-2 B     | 1/4" OD tube x 1/8" FIP, bulk                |
| <input type="checkbox"/> | 66-4-2-1 B   | 1/4" OD tube x 1/8" FIP - body only, bulk    |
| <input type="checkbox"/> | 66-4-6       | 1/4" OD tube x 3/8" FIP                      |
| <input type="checkbox"/> | 66-4-6 B     | 1/4" OD tube x 3/8" FIP, bulk                |
| <input type="checkbox"/> | 66-4-6-1 B   | 1/4" OD tube x 3/8" FIP - body only, bulk    |
| <input type="checkbox"/> | 66-4-8       | 1/4" OD tube x 1/2" FIP                      |
| <input type="checkbox"/> | 66-4-8 B     | 1/4" OD tube x 1/2" FIP, bulk                |
| <input type="checkbox"/> | 66-4-8-1 B   | 1/4" OD tube x 1/2" FIP - body only, bulk    |
| <input type="checkbox"/> | 66-5-4       | 5/16" OD tube x 1/4" FIP                     |
| <input type="checkbox"/> | 66-5-4 B     | 5/16" OD tube x 1/4" FIP, bulk               |
| <input type="checkbox"/> | 66-5-4-1 B   | 5/16" OD tube x 1/4" FIP - body only, bulk   |
| <input type="checkbox"/> | 66-5-6       | 5/16" OD tube x 3/8" FIP                     |
| <input type="checkbox"/> | 66-5-6-1 B   | 5/16" OD tube x 3/8" FIP - body only, bulk   |
| <input type="checkbox"/> | 66-6-2       | 3/8" OD tube x 1/8" FIP                      |
| <input type="checkbox"/> | 66-6-2 B     | 3/8" OD tube x 1/8" FIP, bulk                |
| <input type="checkbox"/> | 66-6-2-1 B   | 3/8" OD tube x 1/8" FIP - body only, bulk    |
| <input type="checkbox"/> | 66-6-4       | 3/8" OD tube x 1/4" FIP                      |
| <input type="checkbox"/> | 66-6-4 B     | 3/8" OD tube x 1/4" FIP, bulk                |
| <input type="checkbox"/> | 66-6-4-1 B   | 3/8" OD tube x 1/4" FIP - body only, bulk    |
| <input type="checkbox"/> | 66-6-8       | 3/8" OD tube x 1/2" FIP                      |
| <input type="checkbox"/> | 66-6-8 B     | 3/8" OD tube x 1/2" FIP, bulk                |
| <input type="checkbox"/> | 66-6-8 C     | 3/8" OD tube x 1/2" FIP, chrome plated       |
| <input type="checkbox"/> | 66-6-8 CB    | 3/8" OD tube x 1/2" FIP, chrome plated, bulk |
| <input type="checkbox"/> | 66-6-8-1 B   | 3/8" OD tube x 1/2" FIP - body only, bulk    |
| <input type="checkbox"/> | 66-6-12      | 3/8" OD tube x 3/4" FIP                      |
| <input type="checkbox"/> | 66-6-12-1 B  | 3/8" OD tube x 3/4" FIP - body only, bulk    |
| <input type="checkbox"/> | 66-8-4       | 1/2" OD tube x 1/4" FIP                      |
| <input type="checkbox"/> | 66-8-6       | 1/2" OD tube x 3/8" FIP                      |
| <input type="checkbox"/> | 66-8-6 B     | 1/2" OD tube x 3/8" FIP, bulk                |
| <input type="checkbox"/> | 66-8-6-1 B   | 1/2" OD tube x 3/8" FIP - body only, bulk    |
| <input type="checkbox"/> | 66-8-12      | 1/2" OD tube x 3/4" FIP                      |
| <input type="checkbox"/> | 66-8-12-1 B  | 1/2" OD tube x 3/4" FIP - body only, bulk    |
| <input type="checkbox"/> | 66-10-6      | 5/8" OD tube x 3/8" FIP                      |
| <input type="checkbox"/> | 66-10-6 B    | 5/8" OD tube x 3/8" FIP, bulk                |
| <input type="checkbox"/> | 66-10-6-1 B  | 5/8" OD tube x 3/8" FIP - body only, bulk    |
| <input type="checkbox"/> | 66-10-8      | 5/8" OD tube x 1/2" FIP                      |
| <input type="checkbox"/> | 66-10-8 B    | 5/8" OD tube x 1/2" FIP, bulk                |
| <input type="checkbox"/> | 66-10-8-1 B  | 5/8" OD tube x 1/2" FIP - body only, bulk    |
| <input type="checkbox"/> | 66-10-12     | 5/8" OD tube x 3/4" FIP                      |
| <input type="checkbox"/> | 66-10-12 B   | 5/8" OD tube x 3/4" FIP, bulk                |
| <input type="checkbox"/> | 66-10-12-1 B | 5/8" OD tube x 3/4" FIP - body only, bulk    |

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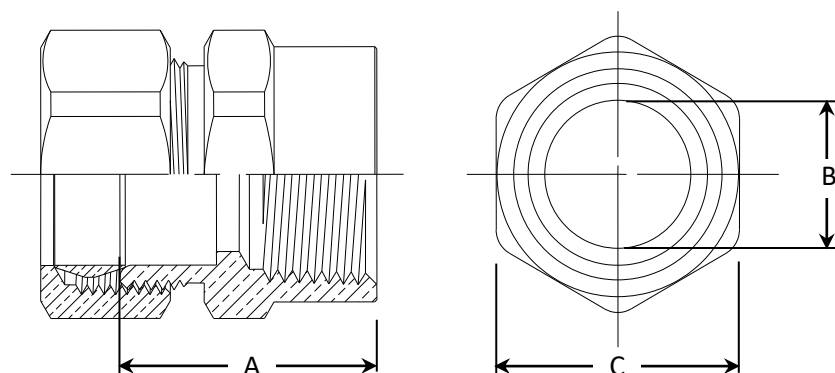
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**Standard Part Listing (con't):**

- ☐ 66-12-8      3/4" OD tube x 1/2" FIP
- ☐ 66-12-8-1 B    3/4" OD tube x 1/2" FIP - body only, bulk
- ☐ 66-14-8      7/8" OD tube x 1/2" FIP
- ☐ 66-14-12     7/8" OD tube x 3/4" FIP
- ☐ 66-14-12-1 B   7/8" OD tube x 3/4" FIP - body only, bulk

**Low-lead Part Listing:**

- ☐ 66-6-2X      3/8" OD tube x 1/8" FIP
- ☐ 66-6-2-1X B   3/8" OD tube x 1/8" FIP - body only, bulk
- ☐ 66-6-8X      3/8" OD tube x 1/2" FIP
- ☐ 66-6-8X B    3/8" OD tube x 1/2" FIP, bulk
- ☐ 66-6-8-1X B   3/8" OD tube x 1/2" FIP - body only, bulk
- ☐ 66-10-8X     5/8" OD tube x 1/2" FIP
- ☐ 66-10-8-1X B   5/8" OD tube x 1/2" FIP - body only, bulk



| PART DIMENSIONS (Inches) |        |        |        |
|--------------------------|--------|--------|--------|
| Model                    | DIM. A | DIA. B | DIM. C |
| 66-3-4                   | 0.96   | 0.125  | 11/16  |
| 66-4-2                   | 0.87   | 0.187  | 1/2    |
| 66-4-6                   | 1.03   | 0.187  | 3/4    |
| 66-4-8                   | 1.20   | 0.19   | 1      |
| 66-5-4                   | 0.92   | 0.25   | 5/8    |
| 66-5-6                   | 0.99   | 0.312  | 13/16  |
| 66-6-2                   | 0.89   | 0.316  | 9/16   |
| 66-6-4                   | 0.88   | 0.343  | 11/16  |
| 66-6-8                   | 1.00   | 0.343  | 7/8    |
| 66-6-12                  | 1.187  | 0.312  | 1-5/32 |

| PART DIMENSIONS (Inches) |        |        |        |
|--------------------------|--------|--------|--------|
| Model                    | DIM. A | DIA. B | DIM. C |
| 66-8-4                   | 1.08   | 0.41   | 11/16  |
| 66-8-6                   | 0.91   | 0.406  | 3/4    |
| 66-8-12                  | 1.25   | 0.406  | 1-5/32 |
| 66-10-6                  | 1.06   | 0.50   | 13/16  |
| 66-10-8                  | 1.11   | 0.531  | 1      |
| 66-10-12                 | 1.56   | 0.50   | 1-1/4  |
| 66-12-8                  | 1.25   | 0.562  | 1-1/16 |
| 66-14-8                  | 1.25   | 0.75   | 1-1/4  |
| 66-14-12                 | 1.25   | 0.75   | 1-1/4  |

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