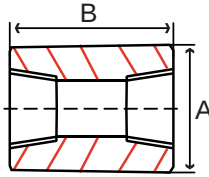


# Forged Carbon Steel Fittings and Outlets

## Specifications

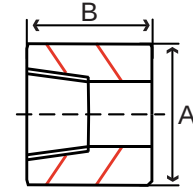
- Forged carbon steel fitting material conforms to ASTM SA105N, NORMALIZED
- Canadian Registration Numbers available at [www.smithcooper.com](http://www.smithcooper.com)
- Forged carbon steel fitting dimensions conform to ASME B16.11
- Forged carbon steel fitting dimensions listed are either minimums or set by the factory per ASME B16.11 contact SCI for exact dimensional information
- NPT threads on forged steel fittings conform to ASME B1.20.1
- Forged carbon steel socket weld inserts conform to MSS-SP-79
- Forged carbon steel unions conform to MSS-SP-83
- Forged carbon steel outlet fittings conform to MSS-SP-97
- Manufacturing facility is ISO 9001:2008

**Fig. 42CP3 – Coupling**



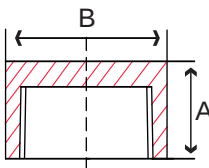
| Size<br>IN | Part Number | A<br>IN | B<br>IN | Master | Weight<br>LB |
|------------|-------------|---------|---------|--------|--------------|
| 1/8        | 42CP3001    | 0.62    | 1.25    | 250    | 0.1          |
| 1/4        | 42CP3002    | 0.75    | 1.38    | 250    | 0.1          |
| 3/8        | 42CP3003    | 0.88    | 1.50    | 200    | 0.1          |
| 1/2        | 42CP3004    | 1.12    | 1.88    | 100    | 0.2          |
| 3/4        | 42CP3006    | 1.33    | 2.00    | 70     | 0.4          |
| 1          | 42CP3010    | 1.75    | 2.38    | 35     | 0.9          |
| 1-1/4      | 42CP3012    | 2.25    | 2.62    | 20     | 1.7          |
| 1-1/2      | 42CP3014    | 2.50    | 3.12    | 15     | 2.3          |
| 2          | 42CP3020    | 3.00    | 3.38    | 10     | 3.0          |
| 2-1/2      | 42CP3024    | 3.62    | 3.62    | 5      | 5.0          |
| 3          | 42CP3030    | 4.25    | 4.25    | 3      | 7.4          |
| 4          | 42CP3040    | 5.50    | 4.75    | 2      | 13.8         |

**Fig. 42HP3 – Half Coupling**



| Size<br>IN | Part Number | A<br>IN | B<br>IN | Master | Weight<br>LB |
|------------|-------------|---------|---------|--------|--------------|
| 1/8        | 42HC3001    | 0.62    | 0.62    | 400    | 0.04         |
| 1/4        | 42HC3002    | 0.75    | 0.69    | 800    | 0.04         |
| 3/8        | 42HC3003    | 0.88    | 0.75    | 500    | 0.06         |
| 1/2        | 42HC3004    | 1.12    | 0.94    | 250    | 0.1          |
| 3/4        | 42HC3006    | 1.33    | 1.00    | 150    | 0.2          |
| 1          | 42HC3010    | 1.75    | 1.17    | 80     | 0.5          |
| 1-1/4      | 42HC3012    | 2.25    | 1.31    | 35     | 0.7          |
| 1-1/2      | 42HC3014    | 2.50    | 1.56    | 30     | 1.1          |
| 2          | 42HC3020    | 3.00    | 1.67    | 20     | 1.5          |
| 2-1/2      | 42HC3024    | 3.62    | 1.81    | 12     | 2.4          |
| 3          | 42HC3030    | 4.25    | 2.12    | 6      | 3.7          |
| 4          | 42HC3040    | 5.50    | 2.37    | 4      | 6.8          |

**Fig. 42C 3 – Cap**



| Size<br>IN | Part Number | A<br>IN | B<br>IN | Master | Weight<br>LB |
|------------|-------------|---------|---------|--------|--------------|
| 1/8        | 42C 3001    | 0.75    | 0.62    | 300    | 0.05         |
| 1/4        | 42C 3002    | 1.00    | 0.75    | 300    | 0.1          |
| 3/8        | 42C 3003    | 1.00    | 0.88    | 250    | 0.1          |
| 1/2        | 42C 3004    | 1.25    | 1.12    | 130    | 0.2          |
| 3/4        | 42C 3006    | 1.44    | 1.33    | 80     | 0.3          |
| 1          | 42C 3010    | 1.62    | 1.75    | 50     | 0.8          |
| 1-1/4      | 42C 3012    | 1.75    | 2.25    | 30     | 1.3          |
| 1-1/2      | 42C 3014    | 1.75    | 2.50    | 25     | 1.5          |
| 2          | 42C 3020    | 1.88    | 3.00    | 15     | 2.4          |
| 2-1/2      | 42C 3024    | 2.38    | 3.62    | 10     | 4.8          |
| 3          | 42C 3030    | 2.56    | 4.25    | 5      | 7.7          |
| 4          | 42C 3040    | 2.69    | 5.50    | 3      | 10.6         |