

## Appendix VI

### Metallurgy and Metalworking Bibliography

The special focus of the Davistown Museum bibliographies in the *Hand Tools in History* series is ferrous metallurgy from the early Iron Age to the beginning of the modern era. Numerous references pertaining to modern iron- and steelmaking technologies are included in our bibliographies, which are nonetheless *not* intended to be a complete survey of important references on this topic.

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- The information on the alloys is extracted from: Mackenzie's *Five Thousand Receipts in All the Useful and Domestic Arts*, Kay's edition, Philadelphia, 1829.
- "*Bronze*. Melt in a clean crucible 7 pounds of pure copper: when fused, throw into it 3 pounds of tin. These metals will combine, forming bronze, which, from the exactness of the impression which it takes from a mould, has, in ancient and modern times, been generally used in the formation of busts, medals, and statues." pg. 30.
- "*Bell metal*. Melt together 6 parts of copper, and 2 of tin: These proportions are the most approved for bells throughout Europe, and in China. In the union of the two metals above mentioned, the combination is so complete, that the specific gravity of the alloy is greater than that of the two metals combined." pg. 30.

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- Recommended for visitors to the Davistown Museum's Center for the Study of Early Tools library.
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