



Black Hawk Metals

The preferred supplier of
Brass, Bronze, Cast iron & Copper.

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Letter of Conformance

Aluminium BRONZE – Alloy C95400

Our material has been manufactured, tested & inspected, and is in compliance with BS1400-
C95400 as specified below

| TYPICAL CHEMICAL COMPOSITION % | |
|---------------------------------------|---------|
| Element | Nominal |
| Copper (Cu) | 84 |
| Tin (Sn) | 0.1 |
| Lead (Pb) | 0.1 |
| Zinc (Zn) | 0.25 |
| Nickel (Ni) | 0.5 |
| Silicon (Si) | 0.05 |
| Aluminium (Al) | 10.5 |
| Phosphor (P) | 0.05 |

Typical Mechanical Properties

| | |
|---------------------------|---------|
| Ultimate Tensile Strength | 610 MPa |
| Elongation | 13 % |
| Typical Hardness | 120 BHN |
| Machinability | 60 % |
| Yield Strength | 240 MPa |

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