



Black Hawk Metals

*The preferred supplier of
Brass, Bronze, Cast Iron & Copper.*

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Data Sheet

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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