



# Black Hawk Metals

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

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## Data Sheet

### LG2 Bronze – Alloy C83600

All BHM material has been manufactured, tested & inspected, and is in compliance with BS1400-C83600 as specified below

<b>TYPICAL CHEMICAL COMPOSITION %</b>	
Element	Nominal
Copper (Cu)	Balance
Tin (Sn)	4.55
Lead (Pb)	5.70
Zinc (Zn)	5.85
Nickel (Ni)	0.5
Silicon (Si)	0.02
Aluminium (Al)	0.01
Phosphor (P)	0.05

### Typical Mechanical Properties

Ultimate Tensile Strength	280 MPa
Elongation	30 %
Typical Hardness	70 BHN
Machinability	84 %
Proof Strength	115 MPa

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