



Ph 07 3423 5300  
www.georgeweston.com.au

## MATERIAL DATA SHEET

### 385 BRASS

**Commonly known as:-** 385; Free cutting brass; architectural bronze

**Typical Applications:-** A free cutting, high speed turning and screwing 60/40 brass conforming to AS1567 used in the manufacture of fittings and machined components on high speed CNC mills and lathes.

#### Chemical Composition %

To AS 2738.2

Element		Nominal
Copper	Cu	58.0
Lead	Pb	3.5
Zinc	Zn	Balance

#### Mechanical Properties – Drawn (typical)

Ultimate Tensile Strength	400 MPa
Yield Strength	200 MPa
Elongation	20%
Typical Hardness	130 HV
Machinability	100% (free machining brass = 100%)

#### Similar Specifications

UNS C38510; BSI CZ121

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