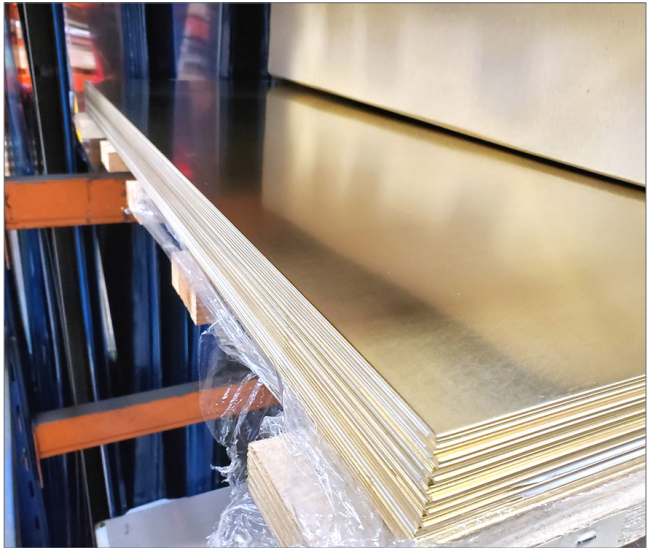




# THAMES STOCKHOLDERS

## CZ108 (CW508L) BRASS ALLOY

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### Key Features

- Good corrosion resistance
- Superior bending properties
- Cold working is excellent and can be easily drawn
- Excellent for soldering and brazing

Material Specifications: C27200, CuZn37, CW508L, CZ108

### \* Chemical Composition (weight, %)

	Cu	Ni	Sn	Pb	Al	Zn	Fe	Other
Min.	62.0							
Max.	64.0	0.30	0.10	0.10	0.05	Bal	0.10	0.10

\* Properties as per BS EN 12163

### \* Mechanical Properties

Tensile, R290	
Tensile Strength	290 MPa, min
Proof Strength	230 MPa, min
Elongation	45% min
Hardness, H070	
Brinell	70 -110 HBW

\* Properties as per BS EN 12163

### Product Overview

Referred to as a brass containing 37% zinc, CZ108 (CW508L) is classified as an alpha brass and is a popular grade due to the material's hot and cold working properties.

The material can be machined but only at a slow speed with very light feeds. CZ108 finds use where severe bending properties are required. It is also known as a high-purity cold-forming brass. Product availability includes sheets and tubes. The Corrosion resistance of the alloy is good to excellent, although the material is unsuitable for use with hydrochloric, nitric and acetic acids and most ammonias.

Our product availability includes sheets and tubes.

### Applications

- General copper smithing work
- Radiator tanks, heat exchangers
- Decorative components



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