

## Copper Alloys

## CW624N (CZ130) Bar & Angle

Datasheet Updated  
05 December 2024

### RANGE

Product Form	Size Range	
	From	To
Angle	1/2" x 1/2" x	3" x 3" x 1
EN12167	1/8"	1/4"

### SPECIFICATIONS

Commercial	CZ130
EN	CW624N

A high strength brass alloy with an aesthetically pleasing finish often used for decorative applications.

### CHEMICAL COMPOSITION

EN 12167  
CW624N Brass

Element	% Present
Copper (Cu)	55.00 - 57.00
Lead (Pb)	1.60 - 3.00
Aluminium (Al)	0.05 - 5.00
Zinc (Zn)	Balance

### ALLOY DESIGNATIONS

CZ130/CW624N corresponds to the following designations:

- ISO CuZn43Pb2Al/CuZn43Pb2
- CW623N

### SUPPLIED FORMS

- Bar
- Angle

### APPLICATIONS

- Shopfittings
- Machine parts
- Instruments
- Electrical appliances
- Hinges
- Hot forging fabrications

### CHARACTERISTICS

- High tensile strength
- High corrosion resistance
- Good aesthetic finish

### MECHANICAL PROPERTIES

Property	Value
Proof Stress	150-220 MPa
Tensile Strength	350-420 MPa
Elongation A50 mm	20-30 %
Hardness Vickers	90 to 120 HV

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