

# Brass

NATURAL

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## CHARACTERISTICS

Tensile Strength (MPa) 380

Hardness Supplied (HB) 85 - 110

Machinability Rating %

## DESCRIPTION

Free Cutting brass is significantly improved form of 60/40 brass. Uniform lead distribution suppresses the brittle phases which cause tool wear.

## EQUIVALENTS

ASTM	AISI	BS	UNS		Cu	Al	Zn	Pb
		CZ121	C38510	MIN	56	-	Remainder	2.5
				MAX	60	-	Remainder	4.5

## CHEMICAL ANALYSIS (%)

## NOTES

C38510 brass will weather to a warm bronze colour. It has good corrosion resistance to fresh water but should not be used in contact with ammonia compounds or be immersed in salt water.

## APPLICATIONS

Builders hardware and architectural application in sections.  
Electrical connections. Nuts, bolts and screw threads.

*WARNING: While all care has been taken to provide accurate information here, it should be noted that it is for a guide only and any information must be checked by the manufacturer before being relied upon.*

# EDCON STEEL

### Sydney Metro

Blacktown 15 Carling Road Kings Park  
Brookvale 10/9-13 Winbourne Road Brookvale  
Revesby 122 Milperra Road Revesby

### Rural

Bathurst 51 Sydney Road Raglan  
Orange 23 Leewood Drive Orange

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