



## PRODUCT INFORMATION

### SIFMIG 328

EN 14640 Cu 6100 (CuAl8),  
BS: 2901 C28  
AWS A5.7 ERCuAl-AI

## DESCRIPTION

This is a 92/8 aluminium bronze wire suitable for welding materials of a similar composition and copper alloys. It is ideal for MIG Brazing dissimilar metal joints and maintenance applications. Recommended for use as a surfacing metal for wear-resistant surfaces having relatively light loads, for resistance to corrosive media such as salt.

## WELDING POSITIONS



Suitable for use in the ship building and offshore industries, power generation, repair and maintenance, and the chemical industry. Particularly useful in the maintenance of car parts and tools, bearings in general, and galvanized steel sheets.

## TYPICAL WELD METAL COMPOSITION

Al	8 %
Cu	Bal

## TYPICAL MECHANICAL PROPERTIES

Melting Point	1030 °C
Ult Tensile Strength	430 N/mm <sup>2</sup>
Hardness	85

## MATERIAL TO BE WELDED

Can be used on aluminium bronze alloys: CuAl8 Fe3, CuAl10 FeMn2, CuAl9 Mn9 and cast aluminium bronzes G-CuAl8, G-CuAl10Ni. A small amount of pre-heat/warming may be required prior to brazing, depending on the material thickness and aluminium content.

## AVAILABLE FORMATS

SPOOLED WIRE (MIG / GMAW)			
Dia		4.0kg	12.5kg
0.8mm		WO320840A	WO320812A
1.0mm		WO321040A	WO321012A
1.2mm		WO321240A	WO321212A

Current Amps: 40-220
Current DC: +
Shielding Gas: Pure Argon (0-15 lpm)

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email **service@wholeweld.co.uk**



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