

Introduction

CuAl9Ni5 is used to join or repair groove and cast nickel aluminium bronze materials. It is best for the fabrication or repair the ship fittings, propellers and other components which is affected by salt and brackish water.

Standard: BS EN14640

Chemical & Physical Properties

Class	Alloy	Cu	Al	Fe	Mn	Ni	other	Solids Temperature	Density	Elongation	Liquids Temperature	Tensile Strength	Brinell Hardness
Cu6328	CuAl9Ni5	Bal.	9	3.8	1	4.5	<0.5	1015°C	7.5kg/dm ³	10%	1045°C	450N/mm ²	150HB

Applications

- Welding casting
- Propellers, bearing weights, valves, pumps and pipe system
- Very good corrosion resistance to seawater

Standard Dimensions

Wire	Diameter (mm)	Tolerance (mm)
	1.6, 2.0, 3.17	+ 0 / - 0.05

Other sizes (diameter and wire weight) can be manufactured accordingly to the requirements of customers.

Packaging

Spool	15kgs / spool (D300 spool)
Coil	20 - 400kgs / coil