




# CEWELD CuAl8 Tig

<b>TYPE</b>	Copper aluminium alloy for Tig welding and brazing					
<b>APPLICATIONS</b>	Rebuilding brass ship propellers and cladding surfaces against wear and corrosion attack. Welding galvanized plates or stainless steel sheets and suitable for cladding cast iron and un- and low alloyed steels.					
<b>PROPERTIES</b>	High quality alloyed copper wire for the Tig process (Tig brazing as well). The weld metal is a Copper-Aluminum bronze. Sound, pore free deposits on ferrous and non-ferrous base materials. Excellent corrosion resistance					
<b>CLASSIFICATION</b>	AWS	A 5.7: ERCuAl-A1				
	EN ISO	24373: Cu 6100 / CuAl7				
	W.Nr.	2.0921				
	F-nr	36				
<b>SUITABLE FOR</b>	Brass, copper, steel, CuZn alloys, Ship propeller, AISI 304, sliding Surface, shafts, bearings etc.					
<b>APPROVALS</b>						
<b>WELDING POSITIONS</b>						
<b>TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)</b>	Si	Mn	Cu	Zn	Pb	Al
	0.08	0.3	Rem.	0.1	0.01	7
<b>MECHANICAL PROPERTIES</b>	Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Impact Energy (J) ISO-V RT	Hardness
	As Welded		430	40	100	100 HB
<b>REDRYING</b>	Not required					
<b>GAS ACC. EN ISO 14175</b>	I1, I3					



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CUAL8 TIG 1,6 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663422873
CUAL8 TIG 2,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663422880
CUAL8 TIG 2,4 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663422897
CUAL8 TIG 3,2 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663422903
CUAL8 TIG 4,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663422910