



CEWELD CuAl8 Tig

TYPE	Copper aluminium alloy for Tig welding and brazing					
APPLICATIONS	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.					
PROPERTIES	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					
CLASSIFICATION	AWS	A 5.7: ERCuAl-A1				
	EN ISO	24373: Cu 6100 / CuAl7				
	W.Nr.	2.0921				
	F-nr	36				
SUITABLE FOR	Brass, copper, steel, CuZn alloys, Ship propeller, AISI 304, sliding Surface, shafts, bearings etc.					
APPROVALS						
WELDING POSITIONS	      					
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	Si	Mn	Cu	Zn	Pb	Al
	0.08	0.3	Rem.	0.1	0.01	7
MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V	Hardness
	As Welded		430	40	RT	
					100	100 HB
REDRYING	Not required					
GAS ACC. EN ISO 14175	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