



CEWELD CuAl8Ni6

TYPE	Copper Aluminum Nickel alloy 2.0923 for GMAW welding							
APPLICATIONS	Desalting installations, CuNiAl ship propellers, cladding against corrosion, cladding against wear, gliding surfaces, shipbuilding, pump building, shafts, guide grooves, tube systems etc.							
PROPERTIES	The weld metal is a Cu-Al-Ni bronze. Sound, pore free deposits on ferrous and non-ferrous base materials. Seawater, wear and corrosion resistance; for example when seawater, cavitation and erosion are simultaneously affecting the weld deposit.							
CLASSIFICATION	AWS	A 5.7: ERCuNiAl						
	EN ISO	24373: Cu 6328 / CuAl9Ni5Fe3Mn2						
	W.Nr.	2.0923						
	F-nr	37						
SUITABLE FOR	CuNiAl, CuAlNi, aluminum bronze, ship propellers, 2.0923, UNS C63000, C630AlBz, Joint welds or building up of aluminum bronze. Cladding (steel) components undergoing metal to metal wear under high pressure. Especially suited for marine environments. The addition of nickel improves corrosion resistance in heat and rough seawater.							
APPROVALS								
WELDING POSITIONS	      							
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	Si	Mn	Fe	Cu	Zn	Pb	Al	Ni+Co
	0.05	2.5	4	Rem.	0.05	0.01	9	5
MECHANICAL PROPERTIES	Heat Treatment		R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness		
	As Welded		400	700	15	250 HB		
REDRYING	Not required							
GAS ACC. EN ISO 14175	I1, I3							



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CUAL8NI6 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663409041