
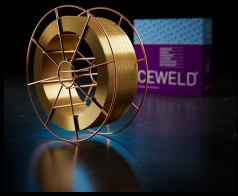




# CEWELD CuAl8Ni6

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						
	F-nr	37						
	W.Nr.	2.0923						
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	No Approvals Found							
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
ALL WELD MECHANICAL PROPERTIES	Heat Treatment	R <sub>P0,2</sub> MPa	R <sub>m</sub> MPa	A <sub>5</sub> (%)	Hardness Brinell Hardness			
	As Welded /	400	700	15	Avg. 250			
REDRYING TEMPERATURE	Not required							
GAS ACCORDING EN 14175	I1, I3							



# CEWELD CuAl8Ni6

CUAL8NI6 1,0MM

Type	KG/unit	EANCode
BS-300	15	8720663409041