



CEWELD CuAl8Ni6

TYPE	Copper Aluminum Nickel alloy for GMAW welding							
ANWENDUNGEN	Desalting installations, CuNiAl ship propellers, cladding against corrosion, cladding against wear, gliding surfaces, shipbuilding, pump building, shafts, guide grooves, tube systems etc.							
EIGENSCHAFTEN	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.							
KLASSIFIKATION	AWS	A 5.7: ERCuNiAl						
	EN ISO	24373: Cu 6328 / CuAl9Ni5Fe3Mn2						
	W.Nr.	2.0923						
	F-nr	37						
GEEIGNET FÜR	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.							
ZULASSUNGEN								
SCHWEISSPOSITIONEN								
TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)	Si	Mn	Fe	Cu	Zn	Pb	Al	Ni+Co
	0.05	2.5	4	Rem.	0.05	0.01	9	5
MECHANISCHE GÜTEWERTE	Heat Treatment		R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness		
	As Welded		400	700	15	250 HB		
RÜCKTROCKNUNG	Not required							
GAS ACC. EN ISO 14175	I1, I3							



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CUAL8NI6 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663409041