CEWELD CuAl8Ni6 Tig

certilas® THE FILLER METAL SPECIALIST

TYPE	Copper Aluminium Nickel alloy for GTAW welding (Tig)
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, aluminium bronze, ship propellers, 2.0923, 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 heated 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)	Rm (MPa)	A5 (%)	Hardness
As Welded	400	700	15	200 HB

RÜCKTROCKNUNG

Not required

GAS ACC. EN ISO 14175

I1, I3

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	Packaging	KG/unit	EanCode
CUAL8NI6 TIG 10,0 X 100MM	Tube	5	8720663409256
CUAL8NI6 TIG 12,0 X 100MM	Tube	5	8720663409263
CUAL8NI6 TIG 2,0 X 1000MM	Tube	5	8720663409102
CUAL8NI6 TIG 2,4 X 1000MM	Tube	5	8720663409119
CUAL8NI6 TIG 3,2 X 1000MM	Tube	5	8720663409126
CUAL8NI6 TIG 6,0 X 1000MM	Tube	5	8720663409133
CUAL8NI6 TIG 8,0 X 1000MM	Tube	5	8720663409249