CEWELD CuAl8Ni2 Tig

certilas® THE FILLER METAL SPECIALIST

TYPE

TIG Aluminium / Nickel alloyed copper welding wire

TOEPASSINGEN

Joint welds or building up of aluminum bronze. Cladding 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.

EIGENSCHAPPEN

Special alloyed copper wire for the TIG process. The weld metal is a Cu-Al-Ni bronze. Sound, pore free deposits on ferrous and non-ferrous base materials. Excellent resistance to cavitations and stress corrosion cracking.

CLASSIFICATIE

EN ISO 24373: Cu 6327 / CuAl8Ni2Fe2Mn2

GESCHIKT VOOR

This filler metal with increased strength and corrosion properties is verry well suited for Ship propellers, shipbuilding, pump building, shafts, guide grooves etc. W.Nr: 2.0916,2.0920, 2.0928, 2.0932, 2.0936, 2.0940, 2.0960, 2.0962, 2.0966, 2.0970, 2.0978, 2.0980.

GOEDKEURINGEN

LASPOSITIES

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

Si	Mn	Fe	Cu	Zn	Pb	Al	Ni+Co
0.1	2	2	Rem.	0.1	0.01	8.5	2.5

MECHANISCHE WAARDEN

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded		530		140 HB

HERDROGEN

Not required

GAS ACC. EN ISO 14175

I1, I3

CEWELD CuAl8Ni2 Tig

certilas® THE FILLER METAL SPECIALIST

	Packaging	KG/unit	EanCode
CUAL8NI2 TIG 10 X 1000MM	Tube	5	8720663424495
CUAL8NI2 TIG 12 X 1000MM	Tube	5	8720663424488
CUAL8NI2 TIG 2,0 X 1000MM	Tube	5	8720663409188
CUAL8NI2 TIG 2,4 X 1000MM	Tube	5	8720663409201
CUAL8NI2 TIG 3,2 X 1000MM	Tube	5	8720663409195
CUAL8NI2 TIG 4,0 X 1000MM	Tube	5	8720663409218
CUAL8NI2 TIG 5,0 X 1000MM	Tube	5	8720663409225
CUAL8NI2 TIG 6,0 X 1000MM	Tube	5	8720663409232
CUAL8NI2 TIG 8,0 X 1000MM	Tube	5	8720663424501