



CEWELD CuAl8Ni2 Tig

TYPE TIG Aluminium / Nickel alloyed copper welding wire

APPLICATIONS 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.

PROPERTIES 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.

CLASSIFICATION EN ISO 24373: Cu 6327 / CuAl8Ni2Fe2Mn2
W.Nr. 2.0922

SUITABLE FOR This filler metal with increased strength and corrosion properties is very 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.

APPROVALS

WELDING POSITIONS



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

MECHANICAL PROPERTIES

Heat Treatment	R _{P0.2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded		590		140 HB

REDRYING Not required

GAS ACC. EN ISO 14175 I1, I3



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