



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	 PA  PB  PC  PD  PE  PF  PG							
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)	A5 (%)	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