



# CEWELD CuAl8Ni2

TYPE	Mig Aluminium / Nickel alloyed copper welding wire																
ANWENDUNGEN	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.																
EIGENSCHAFTEN	CEWELD® CuAl8Ni2 is a special alloyed copper wire for the MIG 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.																
KLASSIFIKATION	EN ISO            24373: Cu 6327 / CuAl8Ni2Fe2Mn2 W.Nr.            2.0922 F-nr              36																
GEEIGNET FÜR	This filler metal with increased strenght and corrosion properties is verry wel suited for Ship propellers, shipbuilding, pump building, shafts, guide grooves etc. W.Nrs: 2.0916,2.0920, 2.0928, 2.0932, 2.0936, 2.0940, 2.0960, 2.0962, 2.0966, 2.0970, 2.0978, 2.0980.																
ZULASSUNGEN																	
SCHWEISSPOSITIONEN																	
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td>Si</td> <td>Mn</td> <td>Fe</td> <td>Cu</td> <td>Zn</td> <td>Pb</td> <td>Al</td> <td>Ni+Co</td> </tr> <tr> <td>0.1</td> <td>2</td> <td>2</td> <td>Rem.</td> <td>0.1</td> <td>0.01</td> <td>8.5</td> <td>2</td> </tr> </table>	Si	Mn	Fe	Cu	Zn	Pb	Al	Ni+Co	0.1	2	2	Rem.	0.1	0.01	8.5	2
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MECHANISCHE GÜTEWERTE	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td>Heat Treatment</td> <td>R<sub>p0,2</sub> (MPa)</td> <td>R<sub>m</sub> (MPa)</td> <td>A5 (%)</td> <td>Hardness</td> </tr> <tr> <td>As Welded</td> <td></td> <td>530</td> <td></td> <td>140 HB</td> </tr> </table>	Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A5 (%)	Hardness	As Welded		530		140 HB						
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As Welded		530		140 HB													
RÜCKTROCKNUNG	Not required																
GAS ACC. EN ISO 14175	I1, I3																



# CEWELD CuAl8Ni2

CUAL8NI2 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663409164

CUAL8NI2 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663409171

CUAL8NI2 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663409270
BS-300	15	8720663409300