

# CARBO S- CuAl8Ni2

# CARBO T- CuAl8Ni2

### International standards

	S = massive wire	T = bare rod
Material No.	2.0922	
AWS A5.17	ER CuNiAl	ER CuNiAl

### Approvals

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### Application notes

Massive CuAl rod or wire for joining CuAlNi (MnFe) alloys (with 7-9 % Al). Also for sea water resistant surfacings on low alloyed steels and steel casts.

### Selector Guide

2.0920 2.0932 2.0936 2.0940 2.0966 2.0969 2.0970  
2.0971 2.0975 2.0978 2.0980

### Mechanical properties of all-weld-metal

(typical values)

Tensile strength R <sub>m</sub> N/mm <sup>2</sup>	Yielding strength R <sub>p0,2</sub> N/mm <sup>2</sup>	Elongation A <sub>5</sub> %	Impact Energy J	Hardness HB
530	270	30	70	140

### Weld metal analysis (typical, wt. %)

Al	Fe	Mn	Ni	Cu
8	2	2,2	2,2	bal

### Gas types EN 439

S = massive wire

I1

T = bare rod

I1

### Current

Diameter mm  
Welding amps (A) min.  
(A) max.

= +					= -				
0,8	1,0	1,2	1,6		1,6	2,0	2,4	3,2	4,0

### coils, weight

K300 15 kg.

10 kg./ carton

Rev. 000