CARBO WELD
SCHWEISSMATERIALIEN GMBH

CARBO S- CuAl 8
CARBO T- CuAl 8

International standards

	S = massive wire	T = bare rod
Werkstoff Nr.	2.0921	
DIN 8575	SG CuAl 8	WSG CuAl 8
AWS SFA-5.28	ER CuAl-A2	ER CuAl-A2

Approvals --- ---

Application notes

Massive wire for joint of Copper-Aluminium alloys and copper to copper. Joints.
Also for platings of low alloyed steels and cast iron.

Mechanical properties of all-weld-metal

(typical values)

Tensile strength R_m N/mm²	Yielding strength $R_{p0,2}$ N/mm²	Elongation A_5 %	Impact strength ISO – V J at -40° C
430	200	>25	100

Hardness 100 HB

Weld metal analysis
(typical, wt %)

Cu	Al
Base	8

Gas types EN 439

S = massive wire	T = bare rod
I1-I3	I1

Current

		S = massive wire = +				T = bare rod = –				
Diameter	mm	0,8	1,0	1,2	1,6	1,6	2,0	2,4	3,2	4,0
Welding amps	(A) min.									
	(A) max.									

coils, weight B300 15 kg. 10 kg./ carton

Rev. 000

Statements on composition and application are just for the applier's information. Statements on mechanical properties always refer to the all-weld-metal according to valid standards. Carbo-Weld may change the characteristics of its products without notice. We recommend the applier to check our products for their special application autonomously.