

CARBO S- CuSi 3

CARBO T- CuSi 3

International standards

	S = massive wire	T = bare rod
Werkstoff Nr.	2.1461	
DIN 1733	SG – CuSi3	SG – CuSi3
AWS A 5.7	ER CuSi-A	ER CuSi-A

Approvals

Application notes

High quality alloyed copper wire for welding CuMn, CuSiMn and CuZn alloys (Mig brazing as well). Suitable for cladding cast iron and un- and low alloyed steels. Temperature and corrosion resistant. Welding thin plates or galvanized plates in the car industry.

Base material

2.0090, 2.0230, 2.0240, 2.0241, 2.026, 2.0360

Mechanical properties of all-weld-metal

(typical values)

Tensile strength R _m N/mm ²	Yielding strength R _{p0,2} N/mm ²	Impact strength ISO – V J at Rt.° C	Elongation A ₅
350	120	60	40%

Hardness

80 HB

Weld metal analysis

(typical, wt %)

Cu	Mn	Sn	Si	Fe	Zn
Base	1,0	0,10	3,0	0,07	0,1

Gas types EN 439

S = massive wire

I1-I3

T = bare rod

I1

Current

Diameter

mm

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

coils, weight

Rev. 000

B300 15 kg.

10 kg./ carton

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.