

QuCu89

DIN EN ISO 24373 S Cu5180; DIN 1733 SG-CuSn6P; W.- Nr.:2.1022; AWS A5.7: ~ERCuSn-A

Build-up, repair and joint welding on copper / tin and copper / zinc alloys. Good sliding properties, build-up and joint welding of these alloys with cast iron, steels and nickel materials.

Recommended for:

Copper/Tin alloys e.g. Bronze with up to 8 % Sn, Copper/Zinc alloys.
Build-up welding on cast iron, copper/tin/zinc/lead cast alloys

Reworking

Material- typical treatment

Material analysis in %

Cu	Sn	P	other
Rest	6,00	0,20	max. 0,50

(test certificates upon request.)

Standard/Mechanical Values

Protective gas	Argon	Values of the pure weld
Temperature	20°C	
Yield point Re	N/mm ²	150
Tensile strength Rm	N/mm ²	300
Elongation A (Lo = 5do)	%	25
Brinell hardness	HB	90

Following standard:

Laser welding wires

rods: 333 mm / 1.000 mm special lengths upon request

spool: K80 / K125 / K250 / SH253 / MA125

The reported values were determined by the manufacturer and / or by a neutral Laboratory.
We cannot guarantee for the accuracy.