

DT-CuAl 8

Copper Alloy MIG/MAG-Wire TIG – Rods

Specifications:

DIN 1733: SG – CuAl 8
Alloy-No. 2.0921
AWS A-5.7 ER CuAl-A 1

Application:

CuAl-wire/rod for joining copper-aluminium (7-9% Al) and copper-copper alloys (aluminium bronzes).
Iso for surfacing un- and low-alloyed steels and steel casts.

Chemical Composition

Al: 8 Cu: bal

Element by weight (%):

Mechanical Properties:

(typical)

0,2%Elongation (Rp0,2)	200 N/mm ²
Tensile Strength (Rm)	430 N/mm ²
Elongation (A)(Lo=5do)	40%
Impact energy (Av)	100 J
HB	100 Brinell

Approvals:

on demand

Shielding Atmosphere:

TIG-rods	(EN439) I 1
MIG/MAG-wire	(EN439) I 1

Selector Guide:

2.0920	2.0932	equivalent/comparable	
2.0936	2.0940	2.0962	not equivalent/comparable

Packaging:

MIG/MAG: spools D 100 / D 200 / K 200 / K 300
TIG: 10-kg-boxes