

ES S221

Type Copper-Zinc rods

OAW

RBCuZn-A

ESWECO
The Art of Welding

Description

ES S221 is our bronze (brass) brazing rod with excellent fluidity used for joining and surfacing steels, grey and malleable cast iron, copper, bronze, brass and nickel and nickel alloys.

Suitable for locksmithing, manufacturing and repairing of metal bodyworks, pipe joints and galvanized sheets, manufacturing and repairing of hydraulic equipment, and for ornaments, jewelry, etc.

Specially formulated to include tin which offers better mechanical properties and good corrosion resistance.

ES S221 produces poreless joints, color matching with brass.

Applications:

Shipyards/offshore

Construction works

Car industry/assembling

Bicycle industry

Office furniture industry

Marine equipment



Classifications

SFA/AWS A5.8	RB CuZnA
EN 1044:	Cu 302
DIN 8513:	L-CuZn39Sn

Typical all weld metal composition, %

Cu	Si	Sn	Zn
58.7	0.19	0.72	bal

Typical mech. Properties all weld metal

Weld metal hardness, a w	≤80 HB
Tensile strength, MPa	≥490
Elongation, %	≥35

Welding parameters

Diameter, mm

2.5

Length, mm

1000

Weight of rods/box, kg

5.0