

QuCu81

EN ISO 24373: S Cu 6327 (CuAl8Ni2Fe2Mn2); M.- No.: 2.0922

is used for joining and plating of CuAl-bronzes, joining CuAl-bronzes with steel, as well as welding different materials together. Plating of steels or cast iron materials. Good sliding qualities, sea water and cavitations resistance.

Recommendation for

Cu-Al bronzes, plating cast and steel materials, as well as joining different materials.

Rework

Material- typical treatment

Material analysis in %

Mn	AL	Fe	Ni	Cu
1,80	8,70	1,30	2,30	Rest

(test certificates upon request.)

Standard/Mechanical Values

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield strength Re	MPa	270
Tensile strength Rm	MPa	530
Elongation A (Lo = 5do)	%	30
Hardness untreated	HB	140

Following standard:

Laser welding wires

rods: 333 mm / 1.000 mm

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.