

QuBeCu25

DIN EN 1654 – CW101C; (M.- No. old 2.1247) BeCu25/CuBe2

is used for build-up and repair welding in the mould and die industry. Beryllium copper mainly used, where gliding properties, fast heat transmission and high conductance are required in combination.

Recommendation for basic materials

Beryllium copper

Rework

material-typical treatment

Special information

PLEASE NOTE SAFETY DATA SHEET

Material analysis in %

Be	Co	Ni	Fe	Si	Al	Cu
1,9	0,2	0,02	0,06	0,05	0,03	Rest

(test certificates upon request.)

Standard / Mechanical values

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield strength Re	MPa	820 – 1100
Tensile strength Rm	MPa	950 – 1150
Elongation A (Lo = 5do)	%	
Hardness untreated	HB	

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.