

# FONTARGEN A 102

## High strength German silver brazing alloy



ISO 17672	Cu 773 (modified)
DIN EN 1044:	CU 305 (modified)
DIN 8513:	L-CuNi10Zn42 + Ag
EN ISO 3677:	B-Cu48ZnNiAg(Si)-870/900

### Composition, typical analysis (% w/w):

Cu	Ni	Ag	Si	Mn	Sn	Zn
48	9.5	1	0.25	< 0.2	< 0.2	Remainder

### Mechanical and physical properties:

Working temperature:	890 °C
Melting range:	870 - 900 °C
Specific gravity:	8.2 g/cm <sup>3</sup>
Tensile strength:	785 N/mm <sup>2</sup>
Elongation:	17 - 21 %

### Characteristics / Applications:

Nickel-bearing filler metal of high strength and good fluidity. Suitable for gap brazing of steel, cast iron, malleable cast iron, nickel and nickel alloys. This alloy is very well suited for butt joints.

### Heat sources:

Acetylene torch, induction and resistance heating

### Flux:

F 100 - Series  
Rapidflux - Series

### Availability:

Bare rods	Coated rods	Wire	Foil	Preforms	Powder	Paste
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