# FONTARGEN A 101 High strength brazing alloy



ISO 17672: Cu 773 DIN EN 1044: CU 305

DIN 8513: L-CuNi10Zn42

EN ISO 3677: B-Cu48ZnNi(Si)-890/920

AWS A 5.8: RBCuZn-A Material-no 2 0711

Composition, typical analysis (% w/w):

C	u .	Ni	Si	Mn	Sn	Zn
4	8	9.5	0.25	< 0.2	< 0.2	Remainder

## Mechanical and physical properties:

Working temperature: 910 °C

Melting range: 890 - 920 °C
Specific gravity: 8.7 g/cm³
Tensile strength: 690 N/mm²
Elonaation: 15 - 20 %

## Characteristics / Applications:

Nickel-bearing filler metal of high strength and good fluidity. Suitable for brazing of steel, cast iron, malleable cast iron, nickel and nickel alloys. Suitable for brazing and hardening in one production step. It is very often used in the steel furniture industry.

#### Heat sources:

Acetylene torch, induction and resistance heating

### Flux:

F 100 - Series Rapidflux - Series

Availability:

Bare rods	Coated rods	Wire	Foil	Preforms	Powder	Paste
$\boxtimes$	$\boxtimes$	$\boxtimes$		$\boxtimes$	$\boxtimes$	$\boxtimes$

13/11/JL/1