

## CuNi10Zn42

**CATEGORY** Brazing

**TYPE** CuZnNi alloyed brazing alloy with excellent strength

**APPLICATIONS** Joining: Steels, Galvanized steel, Tempered Cast Iron, Cast iron, Nickel alloys etc... This alloy is mainly used in the furniture and the bicycle industry for high strength joining of steels, also is this alloy recommended for rebuilding cock wheels due to the good sliding properties.

**PROPERTIES** Good flowing high strength Ni-brass alloy containing Nickel for more strength and bridging capability during brazing with excellent rebuilding properties.

**CLASSIFICATION**

AWS	A 5.8: RB CuZn-D
EN ISO	17672: CU 773
DIN: W.Nr.	2.0711
DIN	8513: L-CuZn10Zn42

**APPROVALS** CE approved

**WELDING POSITIONS:**



**BRAZING ALLOY ANALYSIS %**

Cu	Zn	Ni	Si
48.0	41.8	10	0.20

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>p0,2</sub> (N/mm <sup>2</sup> )	R <sub>m</sub> (N/mm <sup>2</sup> )	A <sub>5</sub> (%)	Impact Energy (J) ISO-V		Melting range °C	Hardness HRC / HV
				-20°C	-40°C		
untreated		800				890-920	

**PARAMETERS / PACKING**

Parameters		Packing	
D (mm)	Length (mm)	kg / tubes	kg / Carton
2.0	500 / 1000	5	25
3.0	500 / 1000	5	25

**REDRYING TEMPERATURE** not required

**NOTE** Also available as fluxcoated version