

## CuNi10ZnF

**CATEGORY** Brazing

**TYPE** CuZnNi high strenght fluxcoated brazing alloy.

**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** High strength brass alloy containing Nickel for more strength and bridging capability during brazing. Due to the special flux coating this type is mostly used in maintenance and repair, the flux coated rod can be bended very well without losing flux.

**CLASSIFICATION**

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

**WELDING POSITIONS:**



**BRAZING ALLOY ANALYSIS %**

Cu	Zn	Si	Ni
48.0	41.8	0.20	10

**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	

**WELDING PARAMETERS / PACKING**

D (mm)	Parameters		Packing
	Length (mm)		kg / tubes / cartons
2.0	500		5 / 10
3.0	500		5 / 10

**REDRYING TEMPERATURE** not required

**NOTE** Also available as bare rod (to be used with Universal flux)