



CEWELD CuNi10Zn42

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. Flux/Paste: CEWELD Universal-Flux			
CLASSIFICATION	AWS EN ISO W.Nr. F-nr	A 5.8: RBCuZn-D 17672: Cu 773 2.0711 35		
SUITABLE FOR	Steels, Galvanized steel, Tempered Cast Iron, Cast iron, Nickel alloys			
APPROVALS				
WELDING POSITIONS				
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	Si 0.1	Ni 10	Cu 48	Zn Rem.
MECHANICAL PROPERTIES	Heat Treatment As Welded	R _{P0,2} (MPa)	R _m (MPa) 785	A5 (%) Hardness 180 HB
REDRYING	Not required			
MELTING RANGE	890 - 920°C			
GAS ACC. EN ISO 14175				