



CEWELD CuNi10ZnF

TYPE	CuZnNi high strength flux coated 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 EN ISO F-nr W.Nr.	A 5.8: RBCuZn-D 17672: Cu 773 106 2.0711										
SUITABLE FOR	Steels, Galvanized steel, Tempered Cast Iron, Cast iron, Nickel alloys											
APPROVALS	No Approvals Found											
WELDING POSITIONS												
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	Si 0.1	Ni 10 Cu 48										
ALL WELD MECHANICAL PROPERTIES	<table border="1"> <thead> <tr> <th>Heat Treatment</th> <th>R_{p0,2} MPa</th> <th>R_m MPa</th> <th>A5 (%)</th> <th>Hardness Brinell Hardness</th> </tr> </thead> <tbody> <tr> <td>As Welded /</td> <td></td> <td>800</td> <td></td> <td>Avg. 180</td> </tr> </tbody> </table>	Heat Treatment	R _{p0,2} MPa	R _m MPa	A5 (%)	Hardness Brinell Hardness	As Welded /		800		Avg. 180	
Heat Treatment	R _{p0,2} MPa	R _m MPa	A5 (%)	Hardness Brinell Hardness								
As Welded /		800		Avg. 180								
REDRYING TEMPERATURE	Not required											
GAS ACCORDING EN 14175	I1											