



CEWELD L-Ag40Sn

TYPE	High silver containing cadmium free brazing alloy										
ANWENDUNGEN	Brazing a weight range of different metals in maintenance and repair with excellent strength, Boiler making, tubing, cooling equipment etc. Do not use this alloy above working temperatures of 200 °C .										
EIGENSCHAFTEN	Universal silver brazing alloy without Cadmium with extreme low operating temperature and high mechanical properties. Due to the addition of Sn. this alloy will show a bright looking joint and is more capillary then the standard silver brazing alloys. Flux/Paste: CEWELD Super-Flux										
KLASSIFIKATION	AWS A 5.8: BAg-28 EN ISO 17672: Ag 140										
GEEIGNET FÜR	Brazing: Steels, Copper, Copper alloys, Stainless steel, Nickel and Nickel alloys. Also suitable for dissimilar joints between these metals.										
ZULASSUNGEN											
SCHWEISSPOSITIONEN											
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 25%;">Cu</th> <th style="width: 25%;">Zn</th> <th style="width: 25%;">Sn</th> <th style="width: 25%;">Ag</th> </tr> </thead> <tbody> <tr> <td>30</td> <td>28</td> <td>2</td> <td>40</td> </tr> </tbody> </table>	Cu	Zn	Sn	Ag	30	28	2	40		
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MECHANISCHE GÜTEWERTE	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 25%;">Heat Treatment</th> <th style="width: 25%;">R_{P0,2} (MPa)</th> <th style="width: 25%;">R_m (MPa)</th> <th style="width: 25%;">A₅ (%)</th> <th style="width: 25%;">Hardness</th> </tr> </thead> <tbody> <tr> <td>As Welded</td> <td></td> <td>400</td> <td></td> <td>HRc</td> </tr> </tbody> </table>	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness	As Welded		400		HRc
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As Welded		400		HRc							
RÜCKTROCKNUNG	Not required										
MELTING RANGE	650 - 710°C										
GAS ACC. EN ISO 14175											