



# CEWELD AlMg 4.5MnZr Tig

TYPE	Tig filler rods for welding Aluminium Magnesium alloys																						
ANWENDUNGEN	Construction of ships, piping, off-shore, storage tanks, railways and automotive industry.																						
EIGENSCHAFTEN	Special alloy for welding aluminium-magnesium based alloys with maximum 5% Mg. Zirconium added as grain refiner to improve both the bending and corrosion resistance.																						
KLASSIFIKATION	<table border="0"> <tr> <td>AWS</td> <td>A 5.10: ER5087</td> </tr> <tr> <td>EN ISO</td> <td>18273: S Al 5087 (AlMg4,5MnZr(A))</td> </tr> <tr> <td>F-nr</td> <td>22</td> </tr> </table>	AWS	A 5.10: ER5087	EN ISO	18273: S Al 5087 (AlMg4,5MnZr(A))	F-nr	22																
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GEEIGNET FÜR	<p>Aluminium alloys: AlMg4,5Mn, AlZnMgCu1,5, AlMg5, AlMg3, AlMg5, AlMg2Mn0.8, AlMg2,7Mn, AlZn4,5Mg1, AlZnMg4,5Mn, AlZn5,5Mg1, AlZn5,5Mg1,5, G-AlMg3Si, G-AlMg5Si, G-AlMg10, G-AlMgSi1, AlMgSiCu</p> <p>EN AW 5086, EN AW 6060, EN AW 6005A, EN AW , EN AW 6061, EN AW 7020, EN AW 7021, EN AC 51400, EN AC 51300, EN AC 51100, EN AW 5454</p>																						
ZULASSUNGEN	CE																						
SCHWEISSPOSITIONEN																							
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1"> <thead> <tr> <th>Si</th> <th>Mn</th> <th>Cr</th> <th>Ti</th> <th>Fe</th> <th>Cu</th> <th>Zn</th> <th>Al</th> <th>Mg</th> <th>Zr</th> <th>Be</th> </tr> </thead> <tbody> <tr> <td>0.05</td> <td>0.7</td> <td>0.09</td> <td>0.07</td> <td>0.13</td> <td>0.03</td> <td>0.01</td> <td>Rem.</td> <td>4.8</td> <td>0.1</td> <td>0.0001</td> </tr> </tbody> </table>	Si	Mn	Cr	Ti	Fe	Cu	Zn	Al	Mg	Zr	Be	0.05	0.7	0.09	0.07	0.13	0.03	0.01	Rem.	4.8	0.1	0.0001
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RÜCKTROCKNUNG	Not required																						
GAS ACC. EN ISO 14175	11																						