



CEWELD AA B960

TYPE	Medium alloyed, high-strength flux-cored wire for M21 shielding gas																
TOEPASSINGEN	Crane-, plant-, craft- and steel construction, pipe work, foundries.																
EIGENSCHAPPEN	AA B960 is a seamless high basic flux cored wire that offers a absolute crack resistant weld metal conditioned by the high-basic slag. Therefore, suitable for the economic processing of high-strength, low temperature fine-grained structural steels with Yield strength >960 MPa. X-ray-proof weld deposit with low spatter loss. Stable mechanical properties of the weld metal also at high heat input up to E<18 kJ/cm. Low hydrogen content HD< 3 ml/100g even after long storage.																
CLASSIFICATIE	<table border="0"> <tr> <td>AWS</td> <td>A 5.29: E120T5-K4M H4</td> </tr> <tr> <td>EN ISO</td> <td>18276-A: T 89 4 Mn2NiCrMo B M21 3 H5</td> </tr> <tr> <td>F-nr</td> <td>6</td> </tr> <tr> <td>FM</td> <td>4</td> </tr> </table>	AWS	A 5.29: E120T5-K4M H4	EN ISO	18276-A: T 89 4 Mn2NiCrMo B M21 3 H5	F-nr	6	FM	4								
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GESCHIKT VOOR	<p>Reh ≤ 960 MPa ISO 15608: ~3.1, 3.2 (Reh > 690 MPa) 1.8796, 1.8925, 1.8940, 1.8983, 1.8797, 1.8933, 1.8934, 1.8941, 1.8997 S690Q-S890Q, S690QL-S890QL, S960Q, S960QL, S720MC ASTM A 709 Gr. 100 Type B, E, F, H, Q, HPS 100W N-A-XTRA M 700, PAS 700, alform 700 M, alform 900 x-treme, alform® 960 x-treme, Strenx 700-960, DILLIMAX 700-960</p>																
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TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	<table border="1"> <thead> <tr> <th>C</th> <th>Si</th> <th>Mn</th> <th>P</th> <th>S</th> <th>Cr</th> <th>Ni</th> <th>Mo</th> </tr> </thead> <tbody> <tr> <td>0.05</td> <td>0.4</td> <td>1.6</td> <td>0.015</td> <td>0.015</td> <td>0.5</td> <td>2.2</td> <td>0.5</td> </tr> </tbody> </table>	C	Si	Mn	P	S	Cr	Ni	Mo	0.05	0.4	1.6	0.015	0.015	0.5	2.2	0.5
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GAS ACC. EN ISO 14175	M21																