



# CEWELD ER 110 Ti

TYPE	Massieve lasdraad met hoge vloeigrens voor fijnkorrelige staalsoorten.																		
TOEPASSINGEN	Kraanbouw, jack ups, hijsen, booreilanden, pijpleidingen, platforms enz.																		
EIGENSCHAPPEN	Extreem scheurbestendige legering met hoge mechanische eigenschappen en uitstekende laseigenschappen. Hoge slagvastheid bij temperaturen onder nul tot -60 °C. Lasbaar met Co2 en Mixed gas.																		
CLASSIFICATIE	<table border="0"> <tr> <td>AWS</td> <td>A 5.28: ER 110S-G</td> </tr> <tr> <td>EN ISO</td> <td>16834-A: G Z 69 6 M21 Mn4Ni1,5CrMo</td> </tr> <tr> <td>F-nr</td> <td>6</td> </tr> <tr> <td>FM</td> <td>2</td> </tr> </table>	AWS	A 5.28: ER 110S-G	EN ISO	16834-A: G Z 69 6 M21 Mn4Ni1,5CrMo	F-nr	6	FM	2										
AWS	A 5.28: ER 110S-G																		
EN ISO	16834-A: G Z 69 6 M21 Mn4Ni1,5CrMo																		
F-nr	6																		
FM	2																		
GESCHIKT VOOR	<p><b>Reh &lt; 690 MPa Iso 15608: 3.2 ( 460 &lt; Reh ≤ 690 MPa)</b>            1.8914, 1.8927, 1.8931, 1.8928, 1.7147, 1.7149, 1.8734            S620Q, S620QL, S690Q, S690QL, S620QL1-S690QL1, 20MnCr65, 28CrMn4-3            L480 - L550, X65, X80, X90, X100            ASTM A 514 Gr. F, H, Q; A 709 Gr. 100 Type B, E, F, H, Q; A 709 Gr. HPS 100W            Weldox 700, Dillimax 690, Hardox, Naxtra 63, Naxtra 70, Optim 700 mc plus, Weldox 500, Hardox,            Domex 460 MC, Domex 500 MC, Domex 550 MC, Domex 600 MC, Domex 650 MC, Domex 700 MC,            Hardox 400, XAR 400, Dillidur 400, Oceanfit 100, Oceanfit 690, alform plate 620 M, 700 M, aldur 620            Q, 620 QL, 620 QL1, aldur 700 Q, 700 QL, 700 QL1</p>																		
GOEDKEURINGEN	TÜV, CE, Lloyds, DNV																		
LASPOSITIES																			
TYPICAL CHEMICAL ANALYSIS OF THE FILLER 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> <th>Ti</th> </tr> </thead> <tbody> <tr> <td>0.09</td> <td>0.6</td> <td>1.65</td> <td>0.01</td> <td>0.01</td> <td>0.25</td> <td>1.4</td> <td>0.45</td> <td>0.07</td> </tr> </tbody> </table>	C	Si	Mn	P	S	Cr	Ni	Mo	Ti	0.09	0.6	1.65	0.01	0.01	0.25	1.4	0.45	0.07
C	Si	Mn	P	S	Cr	Ni	Mo	Ti											
0.09	0.6	1.65	0.01	0.01	0.25	1.4	0.45	0.07											
MECHANISCHE WAARDEN	<table border="1"> <thead> <tr> <th rowspan="2">Heat Treatment</th> <th rowspan="2">R<sub>p0,2</sub> (MPa)</th> <th rowspan="2">R<sub>m</sub> (MPa)</th> <th rowspan="2">A<sub>5</sub> (%)</th> <th colspan="2">Impact Energy (J) ISO-V</th> <th rowspan="2">Hardness</th> </tr> <tr> <th>-40°C</th> <th>-60°C</th> </tr> </thead> <tbody> <tr> <td>As Welded</td> <td>710</td> <td>790</td> <td>18</td> <td>70</td> <td>55</td> <td>HRc</td> </tr> </tbody> </table>	Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Impact Energy (J) ISO-V		Hardness	-40°C	-60°C	As Welded	710	790	18	70	55	HRc		
Heat Treatment	R <sub>p0,2</sub> (MPa)					R <sub>m</sub> (MPa)	A <sub>5</sub> (%)		Impact Energy (J) ISO-V		Hardness								
		-40°C	-60°C																
As Welded	710	790	18	70	55	HRc													
HERDROGEN	Not required																		
GAS ACC. EN ISO 14175	M21																		



# CEWELD ER 110 Ti

ER 110 TI 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663417213

ER 110 TI 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663417282