



# CEWELD 4370 Ti

<b>TYPE</b>	Rutile basic stainless steel electrode for dissimilar welding and bufferlayers ( Type 4370 )										
<b>APPLICATIONS</b>	CEWELD® 4370 Ti is for joint welding of difficult-to-weld steels, has a high plasticity and is therefore very well suited for buffer layers before surfacing and for welding of dissimilar steels.										
<b>PROPERTIES</b>	CEWELD® 4370 Ti has excellent weldability, scale and corrosion resistance up to 850°C, as well as extremely high elongation and impact values required for critical welding applications.										
<b>CLASSIFICATION</b>	<table border="0"> <tr> <td>AWS</td> <td>A 5.4: E 307-16</td> </tr> <tr> <td>EN ISO</td> <td>3581-A: E 18 8 Mn R 12</td> </tr> <tr> <td>W.Nr.</td> <td>1.4370</td> </tr> <tr> <td>F-nr</td> <td>5</td> </tr> <tr> <td>FM</td> <td>5</td> </tr> </table>	AWS	A 5.4: E 307-16	EN ISO	3581-A: E 18 8 Mn R 12	W.Nr.	1.4370	F-nr	5	FM	5
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EN ISO	3581-A: E 18 8 Mn R 12										
W.Nr.	1.4370										
F-nr	5										
FM	5										
<b>SUITABLE FOR</b>	<p><b>19% Cr / 9% Ni / 7% Mn, ISO 15608: 8.1 Cr ≤ 19 %</b>            1.3401, 1.5637, 1.5680, 1.4370            X 20 Cr 13, X 8 Cr 17, X 22 CrNi 17, X 5 CrNi 17, G-X 20 Cr 14 mix S355            42CrMo4, C45, 42MnV7, X120Mn12, 10 Ni 14, 12 Ni 19 etc.            ASTM 307, 304, (409, 403, 405, 410, 420, 430, 440, 501, 502)            Amor, Z 120 M 12 ,</p>										

**APPROVALS** CE

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)**

C	Si	Mn	P	S	Cr	Ni	Mo
0.12	0.5	5.1	0.012	0.015	19	9	0.5

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Impact Energy (J) ISO-V		Hardness
				RT		
As Welded	370	600	40	70		300 HB

**REDRYING** 300°C / 2 hr

**GAS ACC.** EN ISO 14175



# CEWELD 4370 Ti

4370 TI 2,5 X 300MM

Packaging	KG/unit	EanCode
Can	2,4	8720663416223

4370 TI 3,2 X 350MM

Packaging	KG/unit	EanCode
Can	2,6	8720663416247

4370 TI 4,0 X 350MM

Packaging	KG/unit	EanCode
Can	2,8	8720663416278

4370 TI 5,0 X 350MM

Packaging	KG/unit	EanCode
Can	2,8	8720663416308