



# CEWELD NiCrO 601

<b>TYPE</b>	Nickel-Chromium-Aluminum alloy for Mig welding alloy 601.								
<b>APPLICATIONS</b>	CEWELD NiCrO 601 is used for severe applications where the exposure temperature can exceed 1150°C (2100°F).								
<b>PROPRIÉTÉS</b>	Excellent resistance against corrosion and oxidation and suitable for applications when exposed to hydrogen sulfide or sulfur dioxide.								
<b>CLASSIFICATION</b>	<table border="0"> <tr> <td>AWS</td> <td>A 5.14: ER NiCrFe-11</td> </tr> <tr> <td>EN ISO</td> <td>18274: S Ni 6601(NiCr23Fe15Al)</td> </tr> <tr> <td>F-nr</td> <td>43</td> </tr> <tr> <td>FM</td> <td>6</td> </tr> </table>	AWS	A 5.14: ER NiCrFe-11	EN ISO	18274: S Ni 6601(NiCr23Fe15Al)	F-nr	43	FM	6
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EN ISO	18274: S Ni 6601(NiCr23Fe15Al)								
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<b>CONVIENT POUR</b>	The nominal composition (wt.-%) of filler metal of this classification is 61 Ni, 23 Cr, 14 Fe, and 1.4 Al. Filler metal of this classification is used for welding nickel-chromium-iron-aluminum alloy (ASTM B 166, B 167, and B 168 having UNS number N06601) to itself and to other high-temperature compositions.								

**AGRÉMENTS**

**POSITIONS DE SOUDAGE**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

C	Si	Mn	Cr	Ni	Fe	Al
0.04	0.24	0.53	22.8	61	13.35	1.4

**PROPRIÉTÉS MÉCANIQUES**

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	648	700	42	60		HRC

**ETUVAGE** Not required

**GAS ACC. EN ISO 14175** I1



# CEWELD NiCro 601

NICRO 601 1,14MM

Packaging	KG/unit	EanCode
BS-300	15	8720663418296