



CEWELD Alloy X Tig

TYPE	CEWELD Alloy X is a nickel- chromium-iron-molybdenum alloy wire rod																		
APPLICATIONS	CEWELD Alloy X Tig is a nickel- chromium-iron-molybdenum alloy that possesses an exceptional combination of oxidation resistance, fabricability and high-temperature strength. It has also been found to be exceptionally resistant to stress-corrosion cracking in petrochemical applications.																		
PROPERTIES	CEWELD Alloy X Tig exhibits good ductility after prolonged exposure at temperatures of 1200, 1400, 1600°F (650, 760 and 870°C) for 16,000 hours. Suitable for joining and cladding Nickel alloys, stainless steel, carbon steel and low alloyed steels. UNS: N06002																		
CLASSIFICATION	<table border="0"> <tr> <td>AWS</td> <td>A 5.14: ERNiCrMo-2</td> </tr> <tr> <td>EN ISO</td> <td>18274: S Ni 6002(NiCr21Fe18Mo9)</td> </tr> <tr> <td>F-nr</td> <td>43</td> </tr> <tr> <td>FM</td> <td>6</td> </tr> <tr> <td>W.Nr.</td> <td>2.4665</td> </tr> </table>	AWS	A 5.14: ERNiCrMo-2	EN ISO	18274: S Ni 6002(NiCr21Fe18Mo9)	F-nr	43	FM	6	W.Nr.	2.4665								
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EN ISO	18274: S Ni 6002(NiCr21Fe18Mo9)																		
F-nr	43																		
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W.Nr.	2.4665																		
SUITABLE FOR	Alloy HX, X, Nickel alloys, stainless steel, carbon steel and low alloyed steels. UNS: N06002																		
APPROVALS	No Approvals Found																		
WELDING POSITIONS																			
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1"> <thead> <tr> <th>C</th> <th>Si</th> <th>Mn</th> <th>Cr</th> <th>Ni</th> <th>Mo</th> <th>Fe</th> <th>W</th> <th>Co</th> </tr> </thead> <tbody> <tr> <td>0.1</td> <td>0.8</td> <td>0.8</td> <td>22</td> <td>55</td> <td>9</td> <td>19</td> <td>0.8</td> <td>2</td> </tr> </tbody> </table>	C	Si	Mn	Cr	Ni	Mo	Fe	W	Co	0.1	0.8	0.8	22	55	9	19	0.8	2
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ALL WELD MECHANICAL PROPERTIES	<table border="1"> <thead> <tr> <th>Heat Treatment</th> <th>R_{P0,2} MPa</th> <th>R_m MPa</th> <th>A₅ (%)</th> <th>Impact Energy (J) ISO-V RT</th> </tr> </thead> <tbody> <tr> <td>As Welded /</td> <td></td> <td>660</td> <td>30</td> <td>100</td> </tr> </tbody> </table>	Heat Treatment	R _{P0,2} MPa	R _m MPa	A ₅ (%)	Impact Energy (J) ISO-V RT	As Welded /		660	30	100								
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As Welded /		660	30	100															
REDRYING TEMPERATURE	Not required																		
GAS ACCORDING EN 14175	I1																		



CEWELD Alloy X Tig

ALLOY X TIG 0,8 X 914MM	Type	KG/unit	EANCode
	Tube	0,91	8720663420299
ALLOY X TIG 1,14 X 914MM	Type	KG/unit	EANCode
	Tube	4,54	8720663420312
ALLOY X TIG 1,6 X 914MM	Type	KG/unit	EANCode
	Tube	4,54	8720663420329
ALLOY X TIG 2,4 X 914MM	Type	KG/unit	EANCode
	Tube	4,54	8720663420336