



CEWELD Alloy X

TYPE	Nickel based filler metal for welding similar NiCrMo alloys																			
APPLICATIONS	CEWELD® Alloy X 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, Gas turbine engines, Industrial furnaces, Chemical processing...																			
PROPERTIES	CEWELD® Alloy X 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, AMS 5754, AMS 5798																			
CLASSIFICATION	<table><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>W.Nr.</td><td>2.4665</td></tr><tr><td>F-nr</td><td>43</td></tr><tr><td>FM</td><td>6</td></tr></table>										AWS	A 5.14: ERNiCrMo-2	EN ISO	18274: S Ni 6002(NiCr21Fe18Mo9)	W.Nr.	2.4665	F-nr	43	FM	6
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W.Nr.	2.4665																			
F-nr	43																			
FM	6																			
SUITABLE FOR	<p>2.4665 UNS: N06002 Alloy HX, X, AMS 5754, AMS 5798, ASTM B619, Nickel alloys, stainless steel, carbon steel and low alloyed steels.</p>																			
APPROVALS																				
WELDING POSITIONS																				
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	Cr	Ni	Mo	Fe	W	Co	Cu										
	0.1	0.8	0.9	22	50	9	19	0.8	2	0.4										
MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Impact Energy (J) ISO-V				Hardness											
	As Welded		660	30	RT				HRc											
REDRYING	Not required																			
GAS ACC. EN ISO 14175	I1																			



CEWELD Alloy X

ALLOY X 1,14MM

Packaging	KG/unit	EanCode
BS-300	13,6	8720663420305