



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, Gas turbine engines, Industrial furnaces, Chemical processing...								
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, AMS 5754, AMS 5798								
CLASSIFICATION	AWS	A 5.14: ERNiCrMo-2							
	EN ISO	18274: S Ni 6002(NiCr21Fe18Mo9)							
	W.Nr.	2.4665							
	F-nr	43							
	FM	6							
SUITABLE FOR	2.4665 UNS: N06002 Alloy HX, X, AMS 5754, AMS 5798, ASTM B619, Nickel alloys, stainless steel, carbon steel and low alloyed steels.								
APPROVALS									
WELDING POSITIONS	 PA  PB  PC  PD  PE  PF  PG								
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	Cr	Ni	Mo	Fe	W	Co
	0.1	0.8	0.8	22	55	9	19	0.8	2
MECHANICAL PROPERTIES	Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V			Hardness	
	As Welded		660	30	RT			HRc	
REDRYING	Not required								
GAS ACC. EN ISO 14175	I1								



CEWELD Alloy X Tig

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