



CEWELD Alloy X

TYPE Nickel based filler metal for welding similar NiCrMo alloys

APPLICATIONS Suitable for joining and cladding Nickel alloys, stainless steel, carbon steel and low alloyed steels. UNS: N06002

PROPRIÉTÉS 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. CEWELD Alloy X exhibits good ductility after prolonged exposure at temperatures of 1200, 1400, 1600F (650, 760 and 870°C) for 16,000 hours.

CLASSIFICATION

AWS	A 5.14: ERNiCrMo-2
EN ISO	18274: S Ni 6002(NiCr21Fe18Mo9)
W.Nr.	2.4665
F-nr	43
FM	6

CONVIENT POUR 2.4665
UNS: N06002
Alloy HX, X, AMS 5754, AMS 5798, ASTM B619, Nickel alloys, stainless steel, carbon steel and low alloyed steels.

AGRÉMENTS

POSITIONS DE SOUDAGE



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

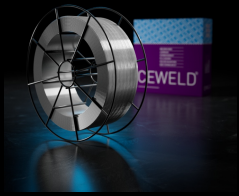
C	Si	Mn	Cr	Ni	Mo	Fe	W	Co	Cu
0.1	0.8	0.9	22	50	9	19	0.8	2	0.4

PROPRIÉTÉS MÉCANIQUES

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
				RT		
As Welded		660	30	100		HRC

ETUVAGE Not required

GAS ACC. EN ISO 14175 11



CEWELD Alloy X

ALLOY X 1,14MM

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