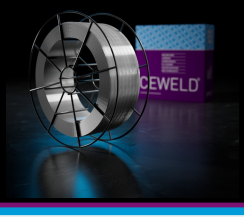


CEWELD Alloy X

certilas® THE FILLER METAL SPECIALIST

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

PROPERTIES

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)
F-nr	43
FM	6
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 (%)

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

ALL WELD MECHANICAL PROPERTIES

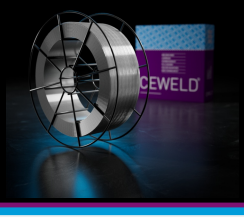
Heat Treatment	$R_{P0,2}$ MPa	Rm MPa	A5 (%)	Impact Energy (J) ISO-V RT
As Welded /		660	30	100

REDRYING TEMPERATURE

Not required

GAS ACCORDING EN 14175

I1



CEWELD Alloy X

ALLOY X 0,89MM

Type	KG/unit	EANCode
Tube	14,29	

ALLOY X 1,14MM

Type	KG/unit	EANCode
BS-300	13,6	8720663420305