



CEWELD Alloy X Tig

TYPE

APPLICATIONS

PROPRIÉTÉS

CLASSIFICATION

CONVIENT POUR

AGRÉMENTS

POSITIONS DE SOUDAGE

ANALYSE CHIMIQUE
TYPIQUE DU MÉTAL
D'APPORT (%)

PROPRIÉTÉS MÉCANIQUES

ETUVAGE

GAS ACC. EN ISO 14175

CEWELD Alloy X is a nickel- chromium-iron-molybdenum alloy wire rod

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.

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

AWS
EN ISO
W.Nr.
F-nr
FM

A 5.14: ERNiCrMo-2
18274: S Ni 6002(NiCr21Fe18Mo9)
2.4665
43
6

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

 PA

 PB

 PC

 PD

 PE

 PF

 PG

C	Si	Mn	Cr	Ni	Mo	Fe	W	Co
0.1	0.8	0.8	22	55	9	19	0.8	2

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Impact Energy (J) ISO-V		Hardness
				RT		
As Welded		660	30	100		HRc

Not required

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