CEWELD Alloy X Tig

certilas® THE FILLER METAL SPECIALIST

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

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)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V	Hardness
				RT	
As Welded		660	30	100	HRc

REDRYING

Not required

GAS ACC. EN ISO 14175

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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