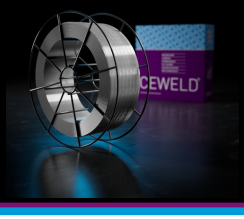


CEWELD Alloy X

certilas® THE FILLER METAL SPECIALIST

TYPE

Nickel based filler metal for welding similar NiCrMo alloys

ANWENDUNGEN

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

EIGENSCHAFTEN

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.

KLASSIFIKATION

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

GEEIGNET FÜR

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

ZULASSUNGEN

SCHWEISSPOSITIONEN

TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)

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

MECHANISCHE GÜTEWERTE

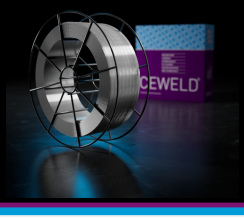
Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V	Hardness
				RT	
As Welded		660	30	100	HRc

RÜCKTROCKNUNG

Not required

GAS ACC. EN ISO 14175

I1



CEWELD Alloy X

ALLOY X 1,14MM

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