



CEWELD Alloy X

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	 PA  PB  PC  PD  PE  PF  PG									
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)	R _m (MPa)	A ₅ (%)	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