

CEWELD Alloy 230

TYPE	Nickel based Mig filler metal for welding similar NiCrW alloys.								
TOEPASSINGEN	In the chemical process industry, CEWELD® Alloy 230 is used for catalyst grid supports in ammonia burners, high-strength thermocouple protection tubes, high-temperature heat exchangers, ducts, high-temperature bellows, and various other key process internals. In the industrial heating industry, applications for 230 alloy include furnace retorts, chains and fixtures, burner flame shrouds, recuperator internals, dampers, nitriding furnace internals, heat-treating baskets, grates, trays, sparger tubes, thermocouple protection tubes, cyclone internals, and many more.								
EIGENSCHAPPEN	CEWELD® Alloy 230 combines properties which make it ideally suited for a wide variety of component applications in the aerospace and power industries. It is used for combustion cans, transition ducts, flame holders, thermocouple sheaths, and other important gas turbine components.								
CLASSIFICATIE	AWS	A 5.14: ERNiCrWMo-1							
	EN ISO	18274: S Ni 6231(NiCr22W14Mo2)							
	W.Nr.	2.4733							
	F-nr	43							
	FM	6							
GESCHIKT VOOR	UNS-Nummer: N06230 Haynes Alloy 230, ASTM: B435, B564, B572, B619, B622, B626, B366, 5981 AMS: 5878, 5839 Haynes 25 alloy								
GOEDKEURINGEN	CE								
LASPOSITIES	  								
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C	Si	Mn	Cr	Ni	Mo	W	Co	Al
	0.1	0.4	0.5	22	57	2	14	4	0.3
MECHANISCHE WAARDEN	Heat Treatment			R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness		
	As Welded			490	780	45	HRc		
HERDROGEN	Not required								
GAS ACC. EN ISO 14175	I1								