



CEWELD Alloy 230 Tig

TYPE Nickel based Tig filler metal for welding similar NiCrW alloys.

APPLICATIONS 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.

PROPERTIES 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.

CLASSIFICATION

AWS	A 5.14: ERNiCrWMo-1
EN ISO	18274: S Ni 6231 (NiCr22W14Mo2)
F-nr	43
FM	6
W.Nr.	2.4733

SUITABLE FOR Haynes Alloy 230

APPROVALS No Approvals Found

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	Cr	Ni	Mo	W	Co	Al
	0.1	0.4	0.5	22	57	2	14	4	0.3

ALL WELD MECHANICAL PROPERTIES	Heat Treatment	R _{P0.2} MPa	R _m MPa	A ₅ (%)
	As Welded /	490	785	48

REDRYING TEMPERATURE Not required

GAS ACCORDING EN 14175 I1



CEWELD Alloy 230 Tig

ALLOY 230 TIG 2,4 X 914MM	Type	KG/unit	EANCode
	Tube	2,25	8720663420152
ALLOY 230 TIG 2.0 X 914MM	Type	KG/unit	EANCode
	Tube	4.50	8720663424235