



CEWELD NiCrCo 282

TYPE	Nickel based Solid wire, HAYNES 282-Typ (NiCrCoMo) , precipitation hardening, high temperature alloy used for welding similar to composition base alloys.								
APPLICATIONS	CEWELD NiCrCo 282 is a high temperature alloy which is used for welding of nickel-chromium-cobalt-molybdenum alloys (UNS Number N07208). This filler metal can also be used for suitable for critical gas turbine applications found in the combustors, turbine and exhaust sections, and nozzle components, Aerospace components,Springs and fasteners								
PROPERTIES	Very high strength at elevated temperatures Strength is generally comparable or surpassing Waspaloy and approaching R-41 and Alloy 263 hardenable High temperature dynamic applications								
CLASSIFICATION	AWS	A 5.14: ERNiCrCoMo-2 mod							
	EN ISO	18274: S NiZCr20Co10Mo8Ti3							
	F-nr	43							
	FM	6							
SUITABLE FOR	HAYNES® 282® alloy, UNS N07208, SAE AMS 5951 / 5915, ASTM B637								
APPROVALS									
WELDING POSITIONS	     								
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	Cr	Ni	Mo	Ti	Co	Al
	0.06	0.15	0.3	20	57	8.5	2.1	10	1.5
MECHANICAL PROPERTIES	Heat Treatment			R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness		
	760°C±15°C 10h			1100	1450	28	40 HRc		
REDRYING	Not required								
GAS ACC. EN ISO 14175	I1								