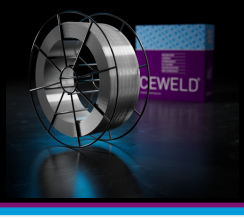

CEWELD NiCrCo 282

certilas® THE FILLER METAL SPECIALIST

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

No Approvals Found

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

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	$R_{P0,2}$ MPa	Rm MPa	A5 (%)		Hardness Rockwell C
760°C±15°C /10h	1100	1450	28		Avg. 40

REDRYING TEMPERATURE

Not required

GAS ACCORDING EN 14175

I1