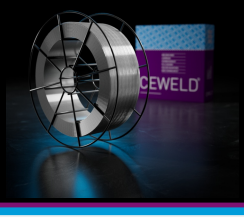

CEWELD NiCrCo 282

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.

ANWENDUNGEN

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

EIGENSCHAFTEN

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

KLASSIFIKATION

AWS	A 5.14: ERNiCrCoMo-2 mod
EN ISO	18274: S NiZCr20Co10Mo8Ti3
F-nr	43
FM	6

GEEIGNET FÜR

HAYNES® 282® alloy, UNS N07208, SAE AMS 5951 / 5915, ASTM B637

ZULASSUNGEN

SCHWEISSPOSITIONEN

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

MECHANISCHE GÜTEWERTE

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

RÜCKTROCKNUNG

Not required

GAS ACC. EN ISO 14175

I1