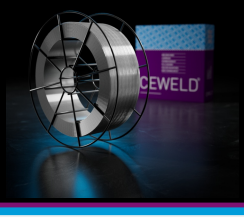


CEWELD NILO Alloy 36

certilas® THE FILLER METAL SPECIALIST

TYPE

Filler metal with extreme low thermal expansion.

ANWENDUNGEN

Welding applications that require the lowest thermal expansion to avoid solidification and reheat cracking.

EIGENSCHAFTEN

NILO Alloy 36 is used for welding NILO Alloy 36, NILO Alloy 36 is formulated to have low thermal expansion characteristics similar to NILO Alloy 36, while providing freedom from solidification and reheat cracking. NILO Alloy 36 is available for Tig, Mig and SAW process.

KLASSIFIKATION

W.Nr. 1.3912, ~1.3990

GEEIGNET FÜR

Invar Alloy 36 / 1.3912 / UNS K93600
NILO Alloy 36, Pernifer 36, Ametek 936, Nicloy 36, Vacodil 36, SimondslnVar136, Invar 36
36Ni. InVar I, 36Nickel, 36Н-Вц

ZULASSUNGEN

SCHWEISSPOSITIONEN

TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)

C	Mn	Ni	Fe	Nb	Ti	Si
0.25	0.5	36	Rem.	1.2	0.25	0.35

MECHANISCHE GÜTEWERTE

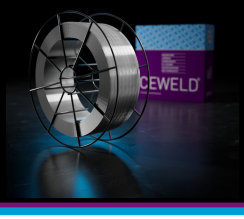
Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V	Hardness
				RT	
As Welded	360	550	25	60	HRc

RÜCKTROCKNUNG

Not required

GAS ACC. EN ISO 14175

I1, I3



CEWELD NILO Alloy 36

NILO ALLOY 36 1,14MM

Packaging	KG/unit	EanCode
BS-300	13,6	8720663417831
BS-300	13,6	8720663417848