



CEWELD NiTi3 Tig

TYPE Solid Nickel based filler metal for TIG welding.

TOEPASSINGEN CEWELD® NiTi 3 is developed for welding and cladding Nickel 200 and Nickel 201. This alloy is also suited for surfacing of steel. Dissimilar welding applications of filler metal NiTi 3 include joining Nickel 200 and 201 to stainless steels, copper-nickel alloys, and Monel alloys. It is also used for joining Monel alloys and copper-nickel alloys to carbon steels, and for joining copper-nickel alloys to Inconel en Incoloy alloys.

EIGENSCHAPPEN The reaction of titanium with carbon maintains a low level of free carbon and enables the filler metal to be used with Nickel 201. The weld metal has good corrosion resistance, particularly in alkali's.

CLASSIFICATIE

AWS	A 5.14: ERNi-1
EN ISO	18274: S Ni 2061(NiTi3)
F-nr	41
FM	6

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 UNS Nr: N 02200 - N 02201
 DIN 17742: Ni 99.6, Ni 99.2, LC-Ni99.6, LC-Ni99
 2.4060 - 2.4061 - 2.4066- 2.4068

GOEDKEURINGEN

LASPOSITIES



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	P	S	Ni	Ti	Fe	Cu
0.09	0.5	0.7	0.01	0.008	96	3	0.2	0.1

MECHANISCHE WAARDEN

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
				RT		
As Welded	200	420	30	120		HRc

HERDROGEN Not required

GAS ACC. EN ISO 14175 11



CEWELD NiTi3 Tig

NIT13 TIG 1,6 X 914MM

Packaging	KG/unit	EanCode
Tube	4,54	8720663417749

NIT13 TIG 2,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663417756

NIT13 TIG 2,4 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663417763

NIT13 TIG 3,2 X 914MM

Packaging	KG/unit	EanCode
Tube	4,54	8720663417770