



# CEWELD 35-45Nb Tig

**TYPE** Filler metal for heat resistant stainless steel with simmlar composition and high carbon content.

**TOEPASSINGEN** Joining and cladding high heat resistant NiCr-steels of the same kind and Cast steels in a low sulphurous environment.

**EIGENSCHAPPEN** The weld deposit is applicable in a low sulphur, carbon enriching atmosphere up to 1175° C and has an excellent creep strength and a good resistance against carburization and oxidation.

**CLASSIFICATIE**

AWS	18274: S Ni Z (NiCr36Fe15Nb0,8)
EN ISO	14343-A: W Z 35 45 Nb
W.Nr.	~ 1.4889

**GESCHIKT VOOR** 1.4898, GX45NiCrNbSiTi45-35  
Parralloy H46M, Centralloy ET45, Lloyds T80, Lloyds T75MA, Manaurite XT/XTM, E3545Nb-MA

**GOEDKEURINGEN** CE

**LASPOSITIES**



**TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)**

C	Si	Mn	Cr	Ni	Mo	Nb	Cu	Ti	Al	Fe
0.04	1.43	0.97	34.98	45.65	0.02	0.78	0.009	0.79	0.01	15.2

**MECHANISCHE WAARDEN**

Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded	460	690	10	HRc

**HERDROGEN** Not required

**GAS ACC. EN ISO 14175** I1



# CEWELD 35-45Nb Tig

35-45NB TIG 2,4 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663416216