

# CEWELD NiCrCo 617 Tig

TYPE	Nickel based alloy with high heat resistance combined with excellent mechanical strength	
TOEPASSINGEN	CEWELD NiCrCo 617 is a high temperature alloy which is used for welding of nickel-chromium-cobalt-molybdenum alloys (UNS Number N06617). This filler metal can also be used for overlay cladding where similar alloy is required such as gas turbines and ethylene equipment.	
EIGENSCHAPPEN	Weld metal provides optimum strength and oxidation resistance above 816°C (1500°) up to 1149°F (2100°F), especially when welding on base metals of nickel-iron-chromium alloys.	
CLASSIFICATIE	AWS	A 5.14: ERNiCrCoMo-1
	EN ISO	18274: S Ni 6617(NiCr22Co12Mo9)
	W.Nr.	2.4627
	F-nr	43
	FM	6

**GESCHIKT VOOR** **E Ni 6617(NiCr22Co12Mo), ENiCrCoMo-1, 2.4628**  
 2.4663, 2.4851, 1.4876, 1.4859, 1.4952, 1.4958, 1.4959,  
 NiCr21Co12Mo, NiCr23Co12Mo, NiCr23Fe, X6CrNiNbN 25 20, X5NiCrAlTi 31 20, X8NiCrAlTi 32 21,  
 X10 NiCrAlTi 32 21, GX10 NiCrSiNb 32 20,  
**UNS:** N06601, N06617, N08810, N08811  
 Inconel Alloys 600 and 601, Incoloy Alloys 800 HT and 802 and cast Alloys such as HK-40, HP and HP-45 Modified, Alloy 617,

**GOEDKEURINGEN**

**LASPOSITIES**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

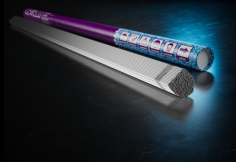
C	Si	Mn	Cr	Ni	Mo	Ti	Fe	Co	Al
0.1	0.8	0.8	22	55	9	0.2	2.5	13	1

**MECHANISCHE WAARDEN**

Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Impact Energy (J) ISO-V		Hardness
				RT		
As Welded	480	760	32	120		HRc

**HERDROGEN** Not required

**GAS ACC. EN ISO 14175** 11



# CEWELD NiCrCo 617 Tig

NICRCo 617 TIG 1,6 X  
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663419682

NICRCo 617 TIG 1,6 X  
914MM

Packaging	KG/unit	EanCode
Tube	4,54	8720663419675

NICRCo 617 TIG 2,0 X  
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663419705

NICRCo 617 TIG 2,0 X  
914MM

Packaging	KG/unit	EanCode
Tube	4,54	8720663419699

NICRCo 617 TIG 2,4 X  
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663419729

NICRCo 617 TIG 2,4 X  
914MM

Packaging	KG/unit	EanCode
Tube	4,54	8720663419712

NICRCo 617 TIG 3,2 X  
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663419743

NICRCo 617 TIG 3,2 X  
914MM

Packaging	KG/unit	EanCode
Tube	4,54	8720663419736