



CEWELD ERTi-1 Tig

TYPE	Solid Titanium welding wire Grade 1 (purest grade)					
TOEPASSINGEN	CEWELD ERTi-1 Grade 1 is the lowest strength unalloyed (or Commercially Pure-CP) grade. Grade 1 is used in applications where ductility is paramount, such as explosive cladding, loose linings, expanded metal, and deep drawing applications. It is also used in electrolytic applications like coated anode substrates for production of chlorine and sodium chlorate.					
EIGENSCHAPPEN	The weld deposit is ductile and offers excellent corrosion resistance in oxidizing environments. The purity and corrosion resistance makes the alloy a preferred choice in many applications to prevent or solve problems. The wire is cleaned in a very special way to obtain porosity free and a ductile weld deposits.					
CLASSIFICATIE	AWS	A 5.16: ERTi-1				
	EN ISO	24034: S Ti 0100 / Ti99,8				
	W.Nr.	3.7026				
	F-nr	51				
GESCHIKT VOOR	3.7025, ~3.7035, ~3.7065 Titan Grade 1, ~Grad2, Grad3, ~ Grad4					
GOEDKEURINGEN						
LASPOSITIES	      					
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	H	N	O	Fe	Ti
	0.02	0.004	0.01	0.05	0.05	Rem.
MECHANISCHE WAARDEN	Heat Treatment		R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness
	As Welded		250	320	24	HRc
HERDROGEN	Not required					
GAS ACC. EN ISO 14175	I1					



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ERTI-1 TIG 1,2 X 1000MM	Packaging	KG/unit	EanCode
	Tube	2,5	8720663406330
ERTI-1 TIG 1,6 X 1000MM	Packaging	KG/unit	EanCode
	Tube	2,5	8720663406347
ERTI-1 TIG 2,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	2,5	8720663406354
ERTI-1 TIG 2,4 X 1000MM	Packaging	KG/unit	EanCode
	Tube	2,5	8720663406361