



CEWELD ERTi-1 Tig

TYPE	Solid Titanium welding wire Grade 1 (purest grade)					
ANWENDUNGEN	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.					
EIGENSCHAFTEN	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.					
KLASSIFIKATION	AWS EN ISO W.Nr. F-nr	A 5.16: ERTi-1 24034: S Ti 0100 / Ti99,8 3.7026 51				
GEEIGNET FÜR	3.7025, ~3.7035, ~3.7065 Titan Grade 1, ~Grad2, Grad3, ~ Grad4					
ZULASSUNGEN						
SCHWEISSPOSITIONEN	      					
TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)	C	H	N	O	Fe	Ti
	0.02	0.004	0.01	0.05	0.05	Rem.
MECHANISCHE GÜTEWERTE	Heat Treatment		R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness
	As Welded		250	320	24	HRc
RÜCKTROCKNUNG	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