








CEWELD ERTi-1 Tig

TYPE	Solid Titanium welding wire Grade 1 (purest grade)					
APPLICATIONS	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.					
PROPERTIES	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.					
CLASSIFICATION	AWS EN ISO F-nr	A 5.16: ERTi-1 24034: S Ti 0100 / Ti99,8 51				
SUITABLE FOR	ER Ti-1 is the purest grade and is suitable for welding Titanium grade 1, 2, 3 and 4. With the restriction that the mechanical properties are much less than Grade 2, 3 and 4. The weld deposit is ductile and offers excellent corrosion resistance in oxidizing environments. This alloy finds his applications in chemical industry and offers excellent Weldability.					
APPROVALS	No Approvals Found					
WELDING POSITIONS	<div></div>					
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C 0.02	H 0.003	N 0.01	O 0.03	Fe 0.02	Ti Rem.
ALL WELD MECHANICAL PROPERTIES	Heat Treatment As Welded /	R _{P0,2} MPa 250	R _m MPa 320	A5 (%) 24		
REDRYING TEMPERATURE	Not required					
GAS ACCORDING EN 14175	I1					



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