


CEWELD ERTi-5 Tig

TYPE	Titanium Tig welding wire grade 5						
APPLICATIONS	Aerospace, marine, chemical plants, process plants, power generation, oil and gas extraction, medical and sports.						
PROPERTIES	Excellent weldability, and can be heat treated to a higher strength or toughness. Grade 5 is used in aircraft components such as landing gear, wing spars, and compressor blades. Its corrosion resistance is generally comparable to Grade 2 and it is often used in corrosion service where higher strength is required, particularly in shafts, high strength bolting, and keys. The weld deposit is ductile and offers excellent corrosion resistance in oxidizing environments. The unique combination of mechanical strength 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 deposit.						
CLASSIFICATION	AWS	A 5.16: ERTi-5					
	EN ISO	24034: S Ti 6402 / TiAl6V4B					
	F-nr	51					
SUITABLE FOR	Titanium grade 5, UNS R56400, AMS 4954						
APPROVALS	No Approvals Found						
WELDING POSITIONS							
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	V	H	N	O	Al	Ti
	0.02	4	0.01	0.01	0.18	6.2	Rem.
ALL WELD MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} MPa	R _m MPa	A5 (%)			
	As Welded /10h	810	890				
REDRYING TEMPERATURE	Not required						
GAS ACCORDING EN 14175	I1						



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ERTI-5 TIG 1,0 X 1000MM	Type	KG/unit	EANCode
	Tube	2,5	8720663406545
ERTI-5 TIG 1,2 X 1000MM	Type	KG/unit	EANCode
	Tube	2,5	8720663406552
ERTI-5 TIG 1,6 X 1000MM	Type	KG/unit	EANCode
	Tube	2,5	8720663406569
ERTI-5 TIG 2,0 X 1000MM	Type	KG/unit	EANCode
	Tube	2,5	8720663406576
ERTI-5 TIG 2,4 X 1000MM	Type	KG/unit	EANCode
	Tube	2,5	8720663406583