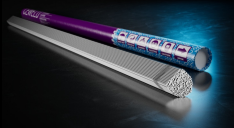


CEWELD ERTi-1 Tig

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	<table border="0"> <tr> <td>AWS</td> <td>A 5.16: ERTi-1</td> </tr> <tr> <td>EN ISO</td> <td>24034: S Ti 0100 / Ti99,8</td> </tr> <tr> <td>F-nr</td> <td>51</td> </tr> <tr> <td>W.Nr.</td> <td>3.7026</td> </tr> </table>	AWS	A 5.16: ERTi-1	EN ISO	24034: S Ti 0100 / Ti99,8	F-nr	51	W.Nr.	3.7026				
AWS	A 5.16: ERTi-1												
EN ISO	24034: S Ti 0100 / Ti99,8												
F-nr	51												
W.Nr.	3.7026												
SUITABLE FOR	<p>3.7025, ~3.7035, ~3.7065 Titan Grade 1, 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.</p>												
APPROVALS	No Approvals Found												
WELDING POSITIONS													
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>C</th> <th>H</th> <th>N</th> <th>O</th> <th>Fe</th> <th>Ti</th> </tr> </thead> <tbody> <tr> <td>0.02</td> <td>0.003</td> <td>0.01</td> <td>0.03</td> <td>0.02</td> <td>Rem.</td> </tr> </tbody> </table>	C	H	N	O	Fe	Ti	0.02	0.003	0.01	0.03	0.02	Rem.
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0.02	0.003	0.01	0.03	0.02	Rem.								
ALL WELD MECHANICAL PROPERTIES	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Heat Treatment</th> <th>R_{P0,2} MPa</th> <th>R_m MPa</th> <th>A₅ (%)</th> </tr> </thead> <tbody> <tr> <td>As Welded /</td> <td>250</td> <td>320</td> <td>24</td> </tr> </tbody> </table>	Heat Treatment	R _{P0,2} MPa	R _m MPa	A ₅ (%)	As Welded /	250	320	24				
Heat Treatment	R _{P0,2} MPa	R _m MPa	A ₅ (%)										
As Welded /	250	320	24										
REDRYING TEMPERATURE	Not required												
GAS ACCORDING EN 14175	I1												



CEWELD ERTi-1 Tig

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