










# CEWELD NiTi3 Tig

TYPE	Solid Nickel based filler metal for TIG welding.								
APPLICATIONS	CEWELD® NiTi 3 is developed for welding and cladding Nickel 200 and Nickel 201. This alloy is also suited for surfacing of steel. Dissimilar welding applications of filler metal NiTi 3 include joining Nickel 200 and 201 to stainless steels, copper-nickel alloys, and Monel alloys. It is also used for joining Monel alloys and copper-nickel alloys to carbon steels, and for joining copper-nickel alloys to Inconel en Incoloy alloys.								
PROPERTIES	The reaction of titanium with carbon maintains a low level of free carbon and enables the filler metal to be used with Nickel 201. The weld metal has good corrosion resistance, particularly in alkali's.								
CLASSIFICATION	AWS	A 5.14: ERNi-1							
	EN ISO	18274: S Ni 2061(NiTi3)							
	F-nr	41							
	FM	6							
SUITABLE FOR	<b>Ni 2061 (NiTi3)</b> <b>W.Nr:</b> 2.4060, 2.4061, 2.4062, 2.4066, 2.4068, 2.4106, 2.4108, 2.4109, 2.4110, 2.4116, 2.4122, 2.4128, 2.4170, 2.4175 <b>Ni</b> 99.6 ; <b>Ni</b> 99.2 ; <b>LC-Ni</b> 99.6 ; <b>LC-Ni</b> 99, <b>Ni</b> 99.4Fe, <b>NiMn</b> 1, <b>NiMn</b> 1C, <b>NiMn</b> 1,5, <b>NiMn</b> 2, <b>NiMn</b> 3Al, <b>NiMn</b> 5, <b>NiAl</b> 4Ti, <b>G-Ni</b> 95, <b>G-Ni</b> 93C <b>ASTM</b> B160, B161, B162, B163 <b>UNS:</b> N02200, N02201, N02205 <b>Alloy:</b> 200, 201, 205, Monell								
APPROVALS	No Approvals Found								
WELDING POSITIONS	      								
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	P	S	Ni	Ti	Fe	Cu
	0.09	0.5	0.7	0.01	0.008	96	3	0.2	0.1
ALL WELD MECHANICAL PROPERTIES	Heat Treatment	R <sub>P0,2</sub> MPa	R <sub>m</sub> MPa	A <sub>5</sub> (%)	Impact Energy (J) ISO-V RT				
	As Welded /	200	420	30	120				
REDRYING TEMPERATURE	Not required								
GAS ACCORDING EN 14175	I1								



# CEWELD NiTi3 Tig

NIT13 TIG 1,6 X 914MM

Type	KG/unit	EANCode
Tube	4,54	8720663417749

NIT13 TIG 2,0 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663417756

NIT13 TIG 2,4 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663417763

NIT13 TIG 3,2 X 914MM

Type	KG/unit	EANCode
Tube	4,54	8720663417770