



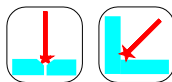
# Titanium grade 23

AWS 5.16: ERTi-9 (6Al-4VELI) AMS4956

## DESCRIPTION

Titanium Grade 23 is similar to Grade 5 but has lower oxygen, nitrogen and iron levels. However it has higher fracture toughness and better ductility than grade 5.

### WELDING POSITIONS



### CURRENT

DC-

### SHIELDING GAS

Argon(I1)/ Ar/He(I3)

## APPLICATIONS

Aerospace-, medicinal-, chemical-, automotive- and marine applications

## MECHANICAL PROPERTIES

<i>R<sub>m</sub></i> (Mpa)	<i>R<sub>p 0,2</sub></i> (Mpa)	<i>A5</i> (%)
1000	810	

## CHEMICAL COMPOSITION(%)

Ti	C	N	H	Fe	O	V	Al
Rest	<0,08	<0,03	<0,15	<0,25	<0,13	3,5-4,5	5,5-6,75

## RPACKAGING

Dimension	1,6x1000	2,0x1000	2,4x1000	3,2x1000	
Kg/hylsa	2,5	2,5	2,5	2,5	
Item code					

## EQUIVALENT FILLER METAL

MIG	Titan grade 23 Mig
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