

# Titanium Grade 1 Sheet and Plate - ASTM B265

## *Typical Applications*

Desalination

Plate Frame Heat Exchangers

Dimensionally Stable Anodes

Marine Equipment



*Titanium Grade 1 has the lowest strength and best formability of the commercially pure grades.*

In addition it has excellent corrosion resistance in highly oxidising and mildly reducing environments.

## **Related Products**

**6246**

**6Al4V Bar**

**6Al4V Sheet**

**Grade 1 Sheet Plate**

**Grade 2 Bar**

**Grade 2 Sheet Plate**

**Grade 2 Tube Welded**

**Grade 3 Sheet Plate**

Grade 4 Bar

Grade 4 Sheet Plate

Grade 9 Tube

## Technical specification

### *Related Specifications*

ASTM B265

### *Chemical Composition (WT %)*

	Min	Max
<b>C</b>	-	0.08
<b>N</b>	-	0.03
<b>O</b>	-	0.18
<b>Fe</b>	-	0.2
<b>H</b>	-	0.015

### *Typical Mechanical Properties*

<b>0.2% Proof Stress</b>	MPA	Min	170
<b>Tensile Strength</b>	MPA	Min	240



