

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
C	-	0.08
N	-	0.03
O	-	0.18
Fe	-	0.2
H	-	0.015

Typical Mechanical Properties

0.2% Proof Stress	MPA	Min	170
Tensile Strength	MPA	Min	240

