

# TITANIUM AND TITANIUM ALLOYS

## Available Product Variants

Plates

## Product Description

Bohler L533 is the „Extra Low Interstitials“ version of the classic Ti-6Al-4V alloy with special high purity and lower content of oxygen and iron.

## Applications

- > Medical
- > Motorsport industry
- > Power Generation (Gas/Steam/Nuclear)
- > Orthopedics
- > Medical Instruments & Implants
- > Other Aerospace Components
- > Stomatology
- > Cardiology
- > Other Oil and Gas + CPI components
- > Other Power Generation Components
- > Surgery

## Technical data

Material designation		Standards	
Titan Grade 23	Market grade	ISO 5832-3	EN ISO
Titan Grade 5 ELI		17850	DIN
3.7165	SEL	17860	
R56407	UNS	B265	ASTM
		F136	
		4907	AMS

## Chemical composition (wt. %)

C	V	Al	Fe	N	O	H	Others
max. 0.08	3.5 to 4.5	5.50 to 6.50	max. 0.25	max. 0.03	max. 0.13	max. 0.0125	max. 0.1

Related to ASTM B265

If other available product variants are listed in addition to long products, please note that these may differ in terms of melting process, technical data, delivery and surface condition as well as available product dimensions. For mandatory technical specifications, other requirements and dimensions, please contact our regional voestalpine BÖHLER sales companies. The data contained in this brochure is merely for general information and therefore shall not be binding on the company. We may be bound only through a contract explicitly stipulating such data as binding. Measurement data are laboratory values and can deviate from practical analyses. The manufacture of our products does not involve the use of substances detrimental to health or to the ozone layer.

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ONE STEP AHEAD.