

TITANIUM AND TITANIUM ALLOYS

Available Product Variants

Plates

Product Description

Bohler L511 is a non-alloyed grade with high corrosion resistance in various environments and excellent ductility with good mechanical properties.

Properties

- Good strength at high elongation and excellent corrosion resistance in strong oxidizing and mild reducing environments.
- Good weldability and low thermal expansion, biocompatible

Applications

- > Medical
- > Medical Instruments & Implants
- > Other Oil and Gas + CPI comps.
- > CPI (incl. LNG, Urea)
- > Comp. for Chemical plants (incl. LNG, FGD, Urea, LDPE, etc.)

Technical data

Material designation		Standards	
3.7025	SEL	B265	ASTM
R50250	UNS	F67	
Grade 1	Market grade	17850	DIN
		17860	
		ISO 5832-2	EN ISO
		VdTÜV-WB230/1	Others

Chemical composition (wt. %)

C	Fe	N	O	H	Others
max. 0.08	max. 0.20	max. 0.03	max. 0.18	max. 0.015	max. 0.1

Related to ASTM B265

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.