



Ti Gr 7 / 3.7235

Due to the high palladium content, Titanium Grade 7 is very resistant to corrosion. Thus, for example, titanium grade 7 is resistant to salt water and is suitable for handling chlorides media. In addition, Titanium Grade 7 is resistant to erosion or impacts.

Characteristics of Titanium Gr 7

Temperature Range	Material for wet corrosion
Melting Range	1670°C
Density	4.51 g/cm ³
ISO-V notch impact toughness at -59°C	Across < 62 J/cm ² lengthwise < 83 J/cm ²

Filler metal (for welding with titanium Gr 7)

As filler material for titanium grade 7 bare wire of the same titanium group should be used

Delivery program

Sheets and Plates: 5 – 14 mm

With short delivery time:

plates or sheets, tubes, flanges, forged or die-cut rings and round blanks, elbows, T-fittings, reductions, screws, nuts or washers according to your request. According to your individual wishes, we are able to cut our material with our plasma- or water jet cutter. Our material is stocked in superformats of 2000x6000mm. Cut to size on request.

Material Outlet by Hempel

ECONOXX.com offers buyers a new and uncomplicated procurement channel, which also includes small quantities and materials in special alloys at favourable conditions.

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Material Data Sheet

Material Design action	3.7235
Material	Titanium Gr 7
UNS	R52400

Main fields of application of Titanium Gr 7

Titanium Grade 7 is preferably used in chemical plants.

Chemical composition of Titanium Gr 7

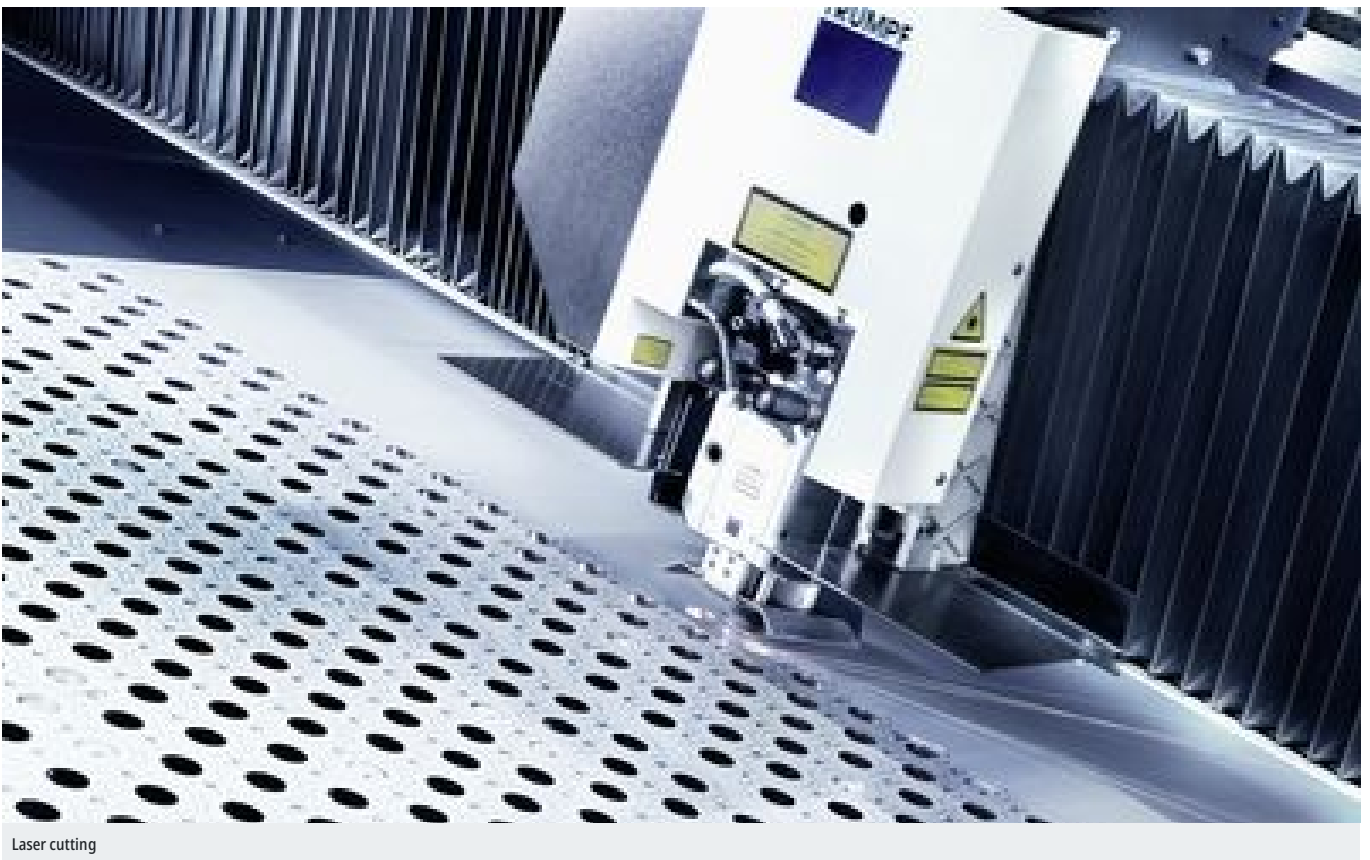
Ti	Pd	N	Fe	O	H	C
ca %	%	%	%	%	%	%
99.3	0.12-0.2	0.05	0.25	0.18	0.013	0.06

Contact us

Services



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Plasma cutting



Shear cutting

Weight Calculator