

Titanium and alloys

July 2016 - rev.1.0

TITAN GRADE 2

ASTM F67

ISO 5832-2

CHEMICAL COMPOSITION %

O%	N%	H%	C%	Fe%	Ti%
Max	Max	Max	Max	Max	balance
0,25	0,03	0,0125	0,08	0,30	

USES AND APPLICATIONS

TITAN GRADE 2 is a pure titan for medical use.

It is well indicated for dental, medical, eyewear, watchmaking, jewelry and aeronautic industry.

EXECUTIONS

Diameters	1.00 - 15.00 mm
Tolerances	ISO h8 (up to h5)
Delivery conditions	in cold drawn or ground 3m bars and Coils

MECHANICAL PROPERTIES

Tensile Strength	500 - 600 N/mm ² , depends on diameter
Cutting speed	80 - 100 m/min
Infeed	0.1 - 0.2 mm/revolution
Cutting corner	5° - 10° it is recommended to use polished tools

OTHER INFORMATION

Diagrams, treatment tabs or other information on request.