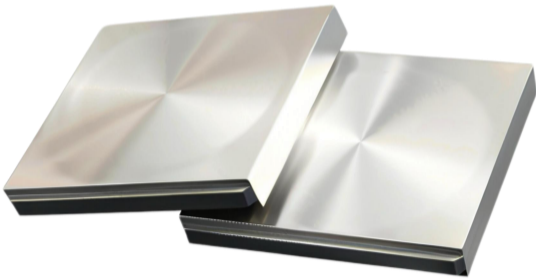


OV Dental TC4

High performance titanium Grade 5 milling blank, especially designed for the use of CAD CAM milling systems



- Made from grade 5 titanium alloy TiAl6V4.
- Exceptional gold-ceramic bonding properties.
- Extremely corrosion resistant.
- Excellent bio compatibility.
- Particularly patient friendly due to low thermal conductivity.
- Perfectly suitable for implant-supported restorations, superstructures, bars, abutments, crowns and bridges.



Indications



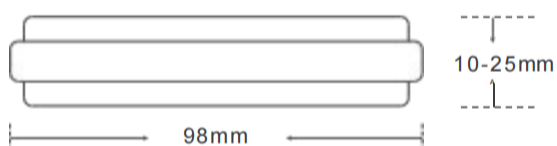
Chemical Composition

Ti%	Al%	V%	Fe%	O%	C%	N%	H%
Balance	5,5 - 6,8	3,5 – 4,5	≤0,3	≤0,2	≤0,08	≤0,05	≤0,01

Technical Data

0.2%, specified non proportional elongation strength Rp0.2/MPa	860MPa	Max. firing temp. maximale	max. 950 °C
Young's modulus	110GPa	Linear expansion coefficient	10×10 ⁻⁶ K ⁻¹
Elongation after fracture	8%	Hardness	295HV10
Casting temperature	1700°C	Tarnish resistance	Yes
Melting temperature	1640-1670°C	Corrosion resistance	≤200µg/cm ²
Density	4.4g/cm ³	Tensile strength	885MPa

Model



D98X10 D98X12 D98X14 D98X16
D98X18 D98X20 D98X25

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