



Baoji Xinnuo New Metal Materials Co.,Ltd.

-Reliable and stable titanium manufacturer partner

Products Catalogue



 **PRODUCTS CATALOGUE**

 **TITANIUM PLATE AND SHEET**



 **MEDICAL TITANIUM PLATE & SHEET**

● Titanium sheet for cranial and maxillofacial

Standard : ASTM F67/F136; ISO 5832-2

Grade : TA1, TA2, Gr1, Gr2

Size(mm) :

δ 0.6X (280-300) X (500-800)

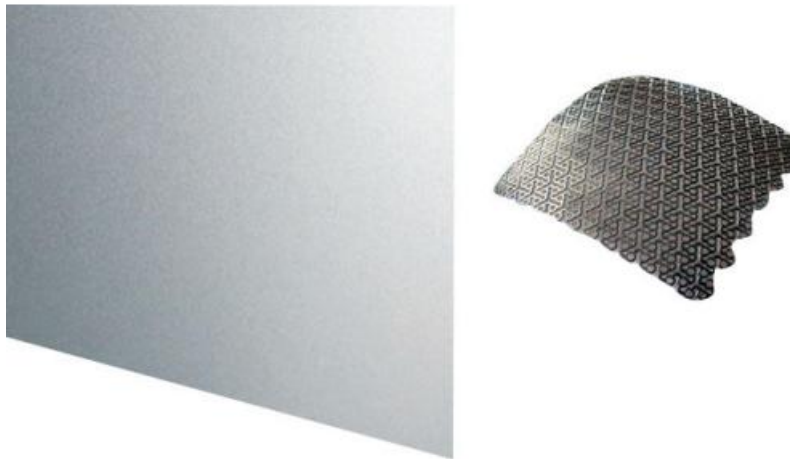
δ 0.6 X (300-500) X (1000-1500)

δ 1.0 X (280-300) X (1000-1200)

Tolerance : 0.05-0.1 mm

Surface : Cold-rolled surface

Roughness : $Ra \leq 0.8\mu m$



● Titanium plate for bone plate

Standard : ASTM F67, ASTM F136, ISO 5832-2/3/11

Grade : TA2, TA3, TA4, Gr3, Gr4, Gr5, Ti-6Al-4V ,
Ti-6Al-4VELI, Ti-6Al-7Nb

Size(mm) :

δ (1.0-30) X (300-400) X (1000-1200)

Tolerance : 0.1-0.8 mm

Surface :polished

Roughness : $Ra \leq 0.8\mu m$



 **MEDICAL TITANIUM PLATE & SHEET**

● **Ti-6Al-7Nb titanium plate**

Standard : ASTM F1295, ISO 5832-11

Grade : Ti-6Al-7Nb

Size(mm) :

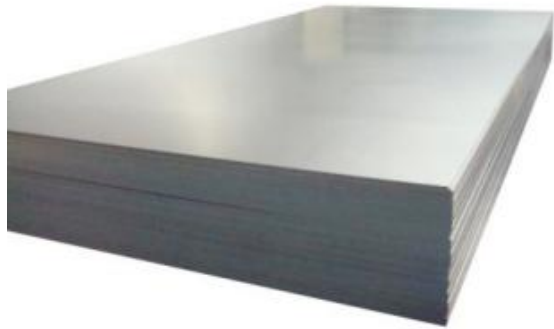
δ (1.0-10) X (300-400) X (1000-1200) ;

δ (12-35) X (300-400) X (600-1200) .

Tolerance : 0.05-0.8 mm

Characteristics:

High precision: deviation from the same plate can be controlled within 0.04-0.15mm; unevenness within 1mm/m, surface finish $Ra < 0.6\mu m$



● **Customized titanium plate**

Standard : ASTM F67, ASTM F136, ISO 5832-2/3/11

Grade : TA3, Gr3, Gr5, Ti-6Al-4V, Ti-6Al-4VELI

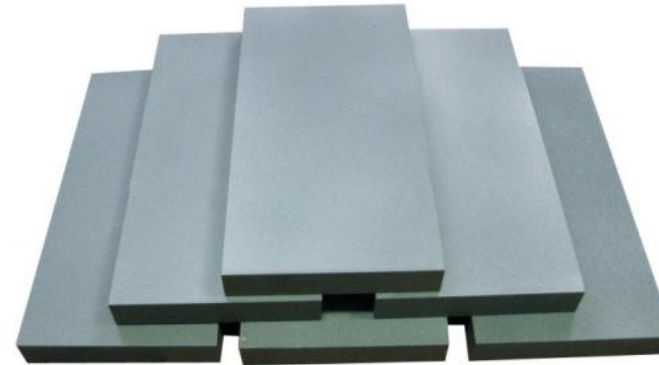
Size(mm) :

δ (8.0-30) X (300-400) X (1000-1200)

Tolerance : 0.1-0.8 mm

Surface : Hot-rolled surface

Roughness : $Ra \leq 1.2\mu m$



 **PRODUCTS ADVANTAGES**

- (I) Raw material: 0 grade undersized grain titanium sponge;
- (II) Tolerance: For 0.5 to 1.0mm thickness, 0-0.08mm; For 1.0 to 3.0mm, 0-0.1mm; For 3.0 to 6.0mm, 0-0.15mm; For 6.0mm, 0-0.2mm;
- (III) Mechanical property: For 1.0-6.0mm, TA3, Gr3 tensile strength can be stably controlled at 550(+/-10)MPa, and Gr5, Ti-6Al-4V ELI can be stably controlled at 1000(+/-20)MPa;
- (IV) Microstructure: For 1.0-6.0mm, TA3, Gr3 grain size can reach to more than level 9, Gr5, Ti-6Al-4V ELI, Ti-6Al-7Nb microstructure can be stably controlled at A1-A3 ;
- (V) Flaw detection: 100% ultrasonic/turbine flaw detection to eliminate metallurgical defects and non-ferrous impurities.