

## TANTALUM CATALOG

### Tantalum & Tantalum alloys

Tantalum plate sheet      Tantalum foil strip  
Tantalum rod bar          Tantalum wire  
Tantalum tube pipe        Tantalum disc ring  
Tantalum crucible         Tantalum nut bolt  
Tantalum sputtering target

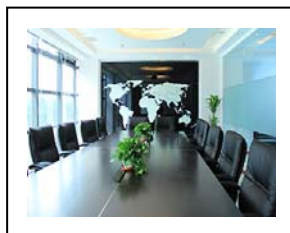
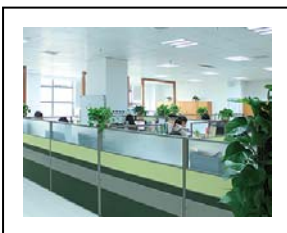
Pure Ta (99.95%, 99.995%)  
Ta2.5W (Ta-2.5%W, RO5252)  
Ta7.5W (Ta-7.5%W)  
Ta10W (Ta-10%W, RO5255)  
Ta25Nb (Ta-25%Nb)  
Ta40Nb (Ta-40%Nb, RO5240)

### Company Contacts

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## Tantalum (Ta)

The essentials

- Symbol: Ta
- Atomic number: 73
- Atomic weight: 180.95
- Boiling Point: 5425.00°C (9797.0F)
- Melting Point: 2996.00°C(5424.8F)
- Density : 16.6g/cm<sup>3</sup>
- CAS Registry ID: 7440-25-7

Tantalum is a grayish silver, dense, ductile, very hard, easily fabricated, and highly corrosion resistant metal. It is part of the refractory metals group and occurs naturally in the mineral tantalite, always together with the chemically similar niobium.

Tantalum is almost completely immune to chemical attack at temperatures below 150°C, and is attacked only by hydrofluoric acid, acidic solutions containing the fluoride ion, and free sulphur trioxide. The element has a melting point exceeded only by tungsten and rhenium.

### Diversified forms are available:



Tantalum plate sheet



Tantalum foil strip



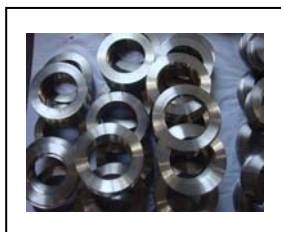
Tantalum rod bar



Tantalum wire



Tantalum tube pipe



Tantalum disc ring



Tantalum crucible



Tantalum sputtering target

We can supply various tantalum and its alloy products with different standards, shapes, and compositions as the below:

Tantalum plate sheet	Tantalum foil strip
Tantalum rod bar	Tantalum wire
Tantalum tube pipe	Tantalum disc ring
Tantalum crucible	Tantalum nut bolt
Tantalum sputtering target	

### Featured Tantalum alloys

Ta2.5W (Ta-2.5%W, RO5252)

Ta7.5W (Ta-7.5%W)

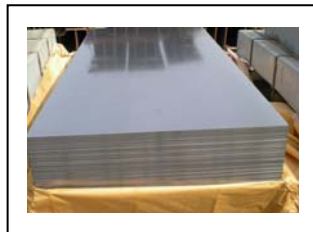
Ta10W (Ta-10%W, RO5255)

Ta25Nb (Ta-25%Nb)

Ta40Nb (Ta-40%Nb, RO5240)

### 1. Tantalum plate sheet

- 1) Standards: ASTM B708, RO5200, RO5400, RO5252, RO5255, RO5240
- 2) Size available: (0.4mm~30mm) x (600mm~1200mm) x long 3500mm max



### 2. Tantalum foil strip

- 1) Standards: ASTM B708, RO5200, RO5400, RO5252, RO5255, RO5240
- 2) Size available: (0.02mm~0.9mm) x (200mm~1000mm) x L in coil



### **3. Tantalum rod bar**

- 1). Standards: ASTM B365, RO5200, RO5400, RO5252, RO5255, RO5240
- 2) Size available: Outer Dia (2.5mm~400mm) x 6000mm Long max



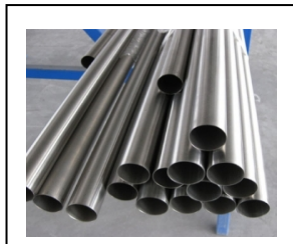
### **4. Tantalum wire**

- 1) Standards: ASTM B365, RO5200, RO5400, RO5252, RO5255, RO5240
- 2) Size available: Outer diameter (0.1mm~6.0mm) x Length



### **5. Tantalum tube pipe**

- 1). Standards: ASTM B521, RO5200, RO5400, RO5252, RO5255, RO5240
- 2) Size available: OD (1.0mm~115mm) x Wall thick (0.2mm~10mm) x 15000mm long max



### **6. Tantalum disc ring**

- 1). Standards: ASTM B708, RO5200, RO5400, RO5252, RO5255, RO5240



## **7. Tantalum crucible**

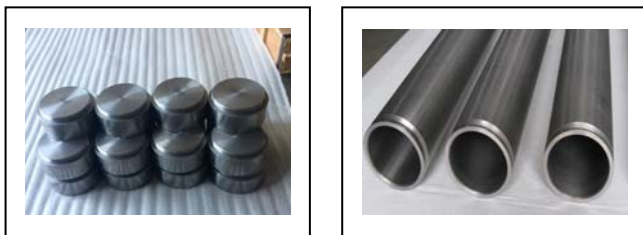


## **8. Tantalum nut bolt**



## **9. Tantalum sputtering target**

- 1) Standards: RO5200, RO5400, RO5252, RO5255, RO5240
- 2) Shape: round, rectangular, cylinder and others upon your request



For more details about the Tantalum products, please check <http://www.rhexon.com>, or contact RHEXON at [info@rhexon.com](mailto:info@rhexon.com)

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