



宝鸡难熔金属开发公司

Bao Ji Refractory Metal Developer Co.,Ltd

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TANTALUM PRODUCTS

TANTALUM PARTS

Products Properties:

- High melting point—2996℃
- High-density —16.6 g/cm³
- Excellent resistance to electrochemical corrosion,Chemical most stable below 150℃,
No reaction with HCl, HNO₃ and aqua regia.
- High Ductility
- Low coefficient of thermal expansion
- Easy be machined in the room temperature
- Appearance:Grayish silver,bright and smooth

Chemical Composition:

Grade	Chief component		Chemistry %										
	Ta	Other	Impurities max										
			Fe	Si	Ni	W	Mo	Ti	Nb	O	C	H	N
Ta1	Balance		0.004	0.003	0.002	0.004	0.004	0.002	0.03	0.015	0.004	0.0015	0.002
Ta2.5W	Balance	W2.0~3.5	0.01	0.005	0.005	—	0.02	0.003	0.05	0.015	0.01	0.002	0.01
Ta10W	Balance	W9.5~11	0.01	0.005	0.005	—	0.02	0.003	0.05	0.015	0.01	0.002	0.01
TaNb3	Balance	Nb1.5~3.5	0.03	0.03	0.005	0.04	0.03	0.005	—	0.03	0.02	0.005	0.025

Note: Ta1=RO5200 Ta2.5W=RO5252 Ta10W=RO5255

❖ **Specification:**

- Tantalum Standard
- Bolts: M6(30mm,35mm), M8(15mm,30mm,35mm), M10(30mm,35mm), M12(30mm, 35mm),ect
- Nut : M6, M8, M10, M12
- Cushion ring : M6, M8, M10, M12
- Tantalum crucible: According to customer's drawings
- Other: Supplied in according to customer's requirement

❖ **Products show:**

