



宝鸡难熔金属开发公司

Bao Ji Refractory Metal Developer Co.,Ltd

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TUNGSTEN PRODUCTS

● PURE TUNGSTEN—Plate/Sheet/Foil

✧ Products properties:

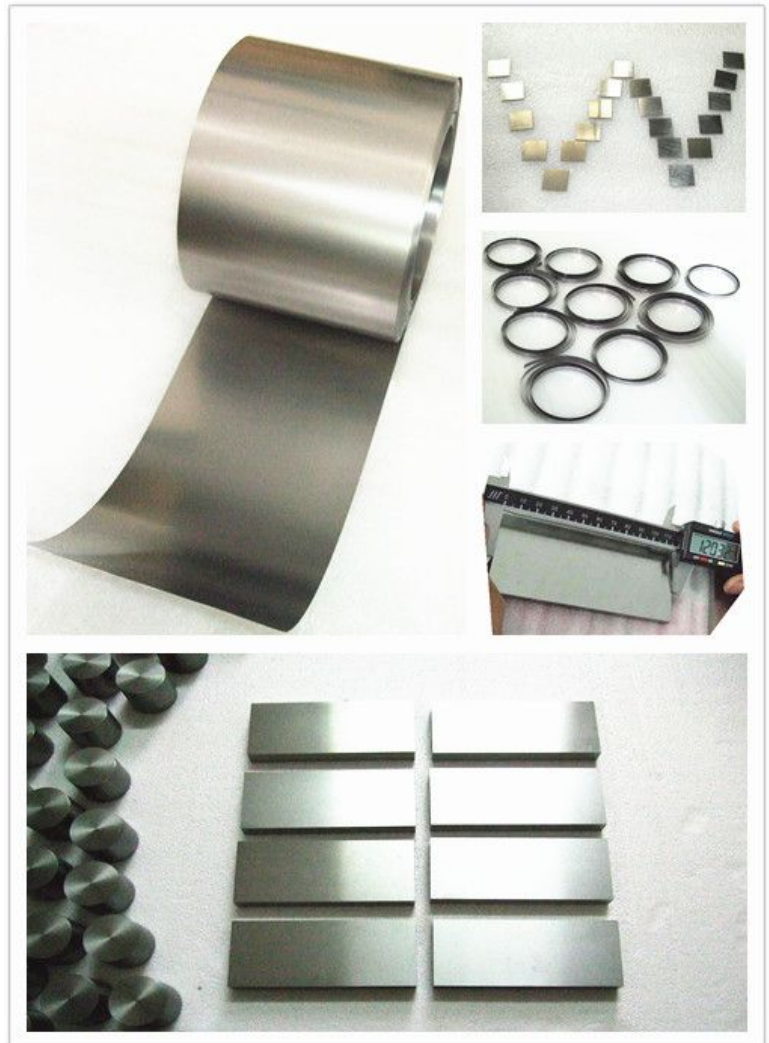
- High melting point—3410°C
- High boiling Point—5927°C
- High-density —19.3 g/cm³
- Internal stable structure
- Outstanding thermal conductivity
- Excellent resistance to electrochemical corrosion
- Excellent resistance to oxidation at high temperatures

✧ Application:

- Heat tape
- Reflective shield
- Heat insulation screen
- Vacuum coating equipment
- Rotating anode of X-ray tube
- High-temperature resisting boat
- Cover of the sapphire growth furnace
- Heating element in high-temperature furnace

✧ Processing methods to produce

- Hot rolling process
- Warm rolling process
- Cold rolling process



✧ Chemical Composition:

Tungsten content	The sum of other elements	Content of each element
≥99.95%	≤0.05%	≤0.01%

✧ Specification

Thickness (mm)	Width (mm)	Length (mm)
0.05-0.10	100	200~500
>0.10-0.15	30~300	50~1000
>0.15-0.20	30~300	50~1000
>0.20-0.30	50~400	50~1000
>0.30-0.50	50~400	50~1000
>0.50-0.80	50~400	50~1000
>0.80-1.00	50~400	50~1000
>1.00-1.50	50~400	50~1000
>1.50-3.00	50~400	50~1000
>3.00-4.00	50~400	50~1000
>4.00-6.00	50~400	50~800
>6.00	50~300	50~800

Note: All the products can be supplied in according to customer's requirement.

✧ Tolerance

Thickness (mm)	Thickness Tolerance (mm)		Width (mm)	Width Tolerance (mm)	Length (mm)	Length Tolerance (mm)
	I	II				
0.10-0.20	±0.02	±0.03	30-300	±3	50-1000	±3
>0.20-0.30	±0.025	±0.035	50-400	±3	50-1000	±3
>0.30-0.40	±0.03	±0.04	50-400	±3	50-1000	±3
>0.40-0.60	±0.04	±0.05	50-400	±4	50-1000	±4
>0.60-1.00	±0.06	±0.10	50-400	±4	50-1000	±4
>1.00-2.00	±0.10	±0.20	50-400	±5	50-1000	±5
>2.00-4.00	±0.20	±0.30	50-400	±5	50-1000	±5
>4.00-6.00	±0.30	±0.40	50-400	±5	50-800	±5
>6.00	±6%	±8%	50-300	—	50-800	—

Note: Special demands on tolerance available.