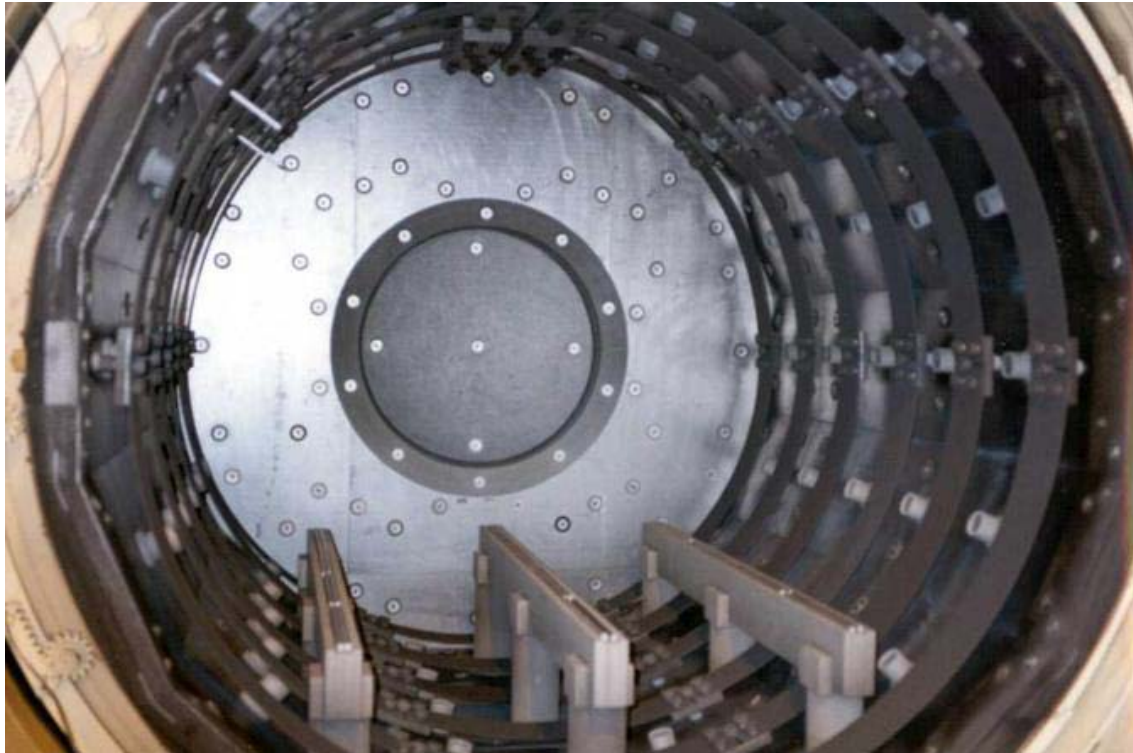


## **Molybdenum and Tungsten Components in high temperature furnace construction**



SRC Metals Co.,Ltd.  
Rm1002,Weibaixin Building,  
1688 KongJiang Rd,Shanghai,  
China 200092

Tel: 0086-21-6514-5153  
Fax:0086-21-6208-0004  
E-mail: [sales@srcmetals.com](mailto:sales@srcmetals.com)  
[www.srcmetals.com](http://www.srcmetals.com)

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## About us

SRC Metals is a global supplier and professional manufacturing company servicing customers worldwide with high quality Tungsten, Molybdenum, Tantalum, Niobium and Coating materials since 1998. Main products include parts, target, granules, plate, disc, wire, foil, strip, rod and oxides etc.

We will continue to invest in our business for a long-term profitable growth based on mutual benefits with our customers.

As a company aware of its responsibilities, we do not purchase any "conflict minerals" which are mined in central Africa, and primarily in the Democratic Republic of the Congo (DRC). We only procure tantalum raw materials from ethically trustworthy sources, which are officially confirmed by EICC certification. The audit scope covers all the preliminary stages involved in the production of the material. An annual re-audit is performed to confirm continued compliance.



Our products are widely used for architectural glass, optical glass, the laser industry, flat display panel (FDP), semiconductor, packaging industry, vacuum industry, light emitting diode (LED) industry, recording media, decorative coating and photovoltaic industry such as solar cell etc.

SRC works with partners by supplying OEMs service and replacement parts of end users.

Our products are exported to America, Europe and Asia. We are honored to work with professors of many universities and Institutes on their cutting-edge researches.

## Quality Assurance

SRC supplies semi-finished materials and components of Molybdenum and Tungsten for various high temperature furnaces since 1998. The components used in high temperature are subjected to extreme thermal and harsh chemical environments.



Through an extensive manufacturing and supply network, SRC produces and markets a full range of products for R&D, pilot and full-scale production. SRC procures raw materials, equipment, operating materials and services exclusively from approved suppliers



with quality management systems certified to ISO 9001:2008.

Our target is to provide a high quality product at a competitive price and consistent prompt delivery. At the heart of our success is a commitment to quality. No MOQ order is required. We supply our products from Lab demand to mass production.

Refining, melting, hot pressing, hot isostatic pressing (HIP), machining, inspection and packaging are provided under one roof. Tracking the raw materials ID throughout our processes, assures traceable quality of our products.



SRC's system of policies, procedures, training and documentation ensures consistency and optimal product quality. SRC provides a distinct



advantage for its customers in terms of product control.

SRC's Total Quality Management (TQM) system offers strict raw material incoming inspection, full process control, traceable documents, detailed test for finished products, which will guarantee our continuous improvement.

## Molybdenum components

Formula: Mo

Purity: 99.95% Min.

Packing: packed in synthetic wooden case

### Specification

Mo			99.95% Min.		
elements	impurities	Test method	elements	impurities	Test method
Fe	<0.0013%	ICP	Ni	<0.0005%	ICP
Al	0.0052%	ICP	O	0.003%	O analyzer
Si	0.001%	ICP	Cu	0.001%	ICP
Mg	0.0065%	ICP	H	0.001%	H analyzer
Cr	<0.001%	ICP			

### Components

Material	Specification/composition	Drawing
Rod/bar	Purity:99.95% Mo   TZM   Mo-La   Mo-W	
Tube	Purity:99.95% Mo   TZM   Mo-La   Mo-W	
Plate	Purity:99.95% Mo   TZM   Mo-La   Mo-W	
Wire	Purity:99.95% Mo   TZM   Mo-La   Mo-W	
Sheet	Purity:99.95% Mo   TZM   Mo-La   Mo-W	
Screws,Nuts,Bolts etc.	Purity:99.95% Mo   TZM   Mo-La   Mo-W	
Hot zone	Purity:99.95% Mo   TZM   Mo-La   Mo-W	
Part	Purity:99.95% Mo   TZM   Mo-La   Mo-W	

SRC can make Molybdenum components as per customer's drawing.

## Tungsten Components

Formula: W







Purity: 99.95% Min.

Packing: packed in synthetic wooden case

### Specification

W			99.95% Min.		
elements	impurities	Test method	elements	impurities	Test method
Mo	<0.005%	ICP	Ca	<0.001%	ICP
Mg	0.001%	ICP	O	0.005%	O analyzer
Si	0.001%	ICP	Al	0.001%	ICP
Fe	0.003%	ICP	Ni	0.001%	ICP
Pb	<0.001%	ICP	Cu	0.0001%	ICP

### Components

Material	Specification/composition	Drawing
Rod/bar	Purity:99.95% W   W-Ni-Cu   W-Cu   W-Mo   W-Ni-Fe	
Tube	Purity:99.95% W   W-Ni-Cu   W-Cu   W-Mo   W-Ni-Fe	
Plate	Purity:99.95% W   W-Ni-Cu   W-Cu   W-Mo   W-Ni-Fe	
Wire	Purity:99.95% W   W-Ni-Cu   W-Cu   W-Mo   W-Ni-Fe	
Sheet	Purity:99.95% W   W-Ni-Cu   W-Cu   W-Mo   W-Ni-Fe	
Shield	Purity:99.95% W   W-Ni-Cu   W-Cu   W-Mo   W-Ni-Fe	

SRC can make Tungsten components as per customer's drawing.



Contact us



Expertise in materials, loyalty to customer

**SRC Metals Co., Ltd.**  
**Rm1002, Wei Bai Xin Building, 1688**  
**Kong Jiang Rd., Shanghai, China 200092**  
**Phone: 0086-21-6514-5153**  
**Fax: 0086-21-6208-0004**  
**E-mail: [sales@srcmetals.com](mailto:sales@srcmetals.com)**  
**Website: [www.srcmetals.com](http://www.srcmetals.com)**