Molybdenum Sheets

Product Description

The Molybdenum Alloy Plates and Sheets are made of molybdenum as a base and adding other elements that not only solid-solution strengthen the molybdenum alloy and maintain the low-temperature ductility of the alloy, but also form a stable performance. Compared with ordinary sheets on the market, our Molybdenum Alloy Plates and Sheets are equipped with advanced process, thus to help improve the strength and recrystallization temperature of the alloy. Due to the high performance, it has good thermal conductivity, electrical conductivity, and low expansion coefficient.
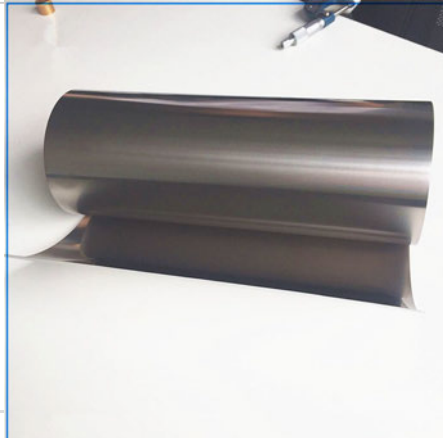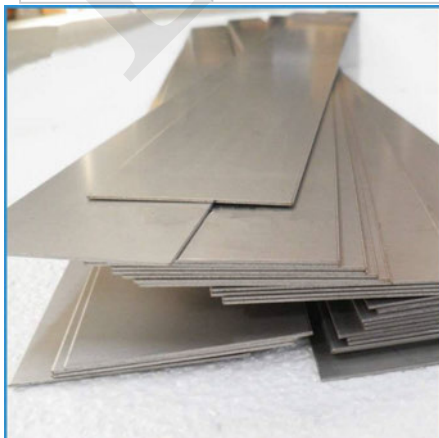
Product Feature

The Molybdenum Alloy Plates and Sheets can be used as the grid and anode of electronic tubes, the supporting material of electric light sources, and used for making die casting and extrusion molds, parts of spacecraft, etc. And it can be widely used in the manufacturing of electron tubes, electric light sources, metalworking tools and the aerospace industry.

Type	Hot rolled molybdenum plate Mo≥99.95%
Standard	ASTM B386-91

Dimension	Thickness: 0.2mm-200mm x 50-800mm width x < 2500mm Length
Surface	Cleaned: surface is chemically cleaned to remove all lubricants and oxides. Black: surface is either as swaged or as drawn and retains a coating of processing lubricants and oxides. Ground: surface is center-less ground to remove all coating and to achieve precise diameter control.
Application	It is widely used in Building Construction,Bridge,Architecture,Vehicles Components,hipping,High pressure container,Boiler,Large Structure steel etc
Advantage	High purity，High strength,High melting point,Outstanding thermal conductivity, Excellent resistance to electro chemical corrosion,Excellent resistance to oxidation at high temperatures

Product Description

Product Name	ASTM B387 Molybdenum Bar
Material	Mo>=99.95%
Standard	ASTM B387
Dimension	Dia3~110mmxLength cut as request
Color	Metallic luster
Surface	Cleaned: surface is chemically cleaned to remove all lubricants and oxides. Black: surface is either as swaged or as drawn and retains a coating of processing lubricants and oxides. Ground: surface is center-less ground to remove all coating and to achieve precise diameter control.
Processing	Rolling, Forging, Sintering
Advantage	High purity，High strength,High melting point,Outstanding thermal conductivity,Excellent resistance to electrochemical corrosion,Excellent resistance to oxidation at high temperatures

Application	Used in the furnace industry for radiation screens, elements, and sintering trays.Used in drawing thin molybdenum wire, molybdenum electrode and steel-making additives.

Molybdenum Wire

Product Description

Dia0.18mm Molybdenum Wire for Edm Cutting Wire realizes the function to complete stable long-term continuous processing. Due to the high performance, low disconnection rate, high processing rate, good performance and reasonable price, it plays an important role in electric light source parts, high temperature and heating elements.

Product Feature

This 0.18mm Molybdenum Wire for Edm Cutting Wire can be an ideal material used for spraying automotive parts, such as piston rings,

synchronizer rings, shifting elements, etc.Due to the high performance, our 0.18mm Molybdenum Wire is also used for the maintenance of mechanical parts, such as bearings, bearing housings, shafts, etc. In addition, it has the advantage of high tensile strength, good discharge effect, high smoothness, fast cutting speed and long life. There are various kinds of chemical grade options, thus to provide more choice to meet need.

Grade	The impurity content is not more than 0.01%							
	Fe	Ni	Al	Si	Mg	C	N	O
Mo-1	0.01	0.005	0.002	0.01	0.005	0.01	0.003	0.008
Mo-2	0.01	0.005	0.005	0.01	0.005	0.01	0.003	0.02

Specifications of Molybdenum Wire

Molybdenum Wire Types	Diameter (inch)
Molybdenum Wire for EDM	0.0024" ~ 0.013"
Molybdenum length-setting Wire	0.0024" ~ 0.013"
Molybdenum Wire(clean)	0.0024" ~ 0.013"

Item	Type	Diameter(mm)	Character	Packing
Special	MoC	0.06-0.35	As used doped	Plastic,

			element that improve strength, friction capability and performance.	spool, vacuum packed, carton
Molybdenum wire for EDM				
Length-setting Molybdenum wire	Mo1 MoC	0.06-0.35	The fixed length, convenience and excellent efficiency. Main length, 1000M,2000M, 2400M, 3000M, 5000M.	
Cleaned Molybdenum wire for EDM	Mo1 MoC	0.06-0.35	Clean surface, High tensile strength, improved quality and efficiency.	

Please feel free contact us if you have any inquiry as follow:

EST Metal

Adds.: No.9 Gaoya Industrial Park,High-tech Industrial

Baoji,Shaanxi,721013,P.R.China

Tel: + 86-917-3525660

Fax: + 86-917-3331336

E-mail: sales@bjdsti.com

info@bjdsti.com

Web: http://www.tirods.com

http://www.estbolts.com