



## ASTM B301 Machining Tellurium Copper Bar C14500 For Automotive Connectors

Our Product Introduction

### Basic Information

- Place of Origin: china
- Brand Name: jinshunlai
- Certification: ISO, AISI, ASTM, GB, EN, DIN
- Model Number: 0.1mm-900nm
- Minimum Order Quantity: 1kg
- Price: Contact Us
- Packaging Details: Waterproof Paper, Steel Strip Packed and other Standard Export Seaworthy Package, or customized package
- Delivery Time: 5day
- Payment Terms: L/C, T/T , Western Union
- Supply Ability: 90000ton



### Product Specification

- Corrosion Resistance: High
- Durability: High
- Hardness: High
- Heat Resistance: High
- Material: Bronze
- Shape: Rod
- Strength: High
- Surface Finish: Smooth
- Tolerance: High
- Highlight: **ASTM machining tellurium copper, B301 machining tellurium copper, ASTM copper c14500**



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## Product Description

## PRODUCT DESCRIPTION

**Tellurium Copper Rod C14500/C1450 by ASTM B301 Standard For Automotive Connectors****Product Normal Description:**

Product Name: Tellurium copper rod

Grade: C14500/ C145

Size: according customer's requirement

State: H02 H04

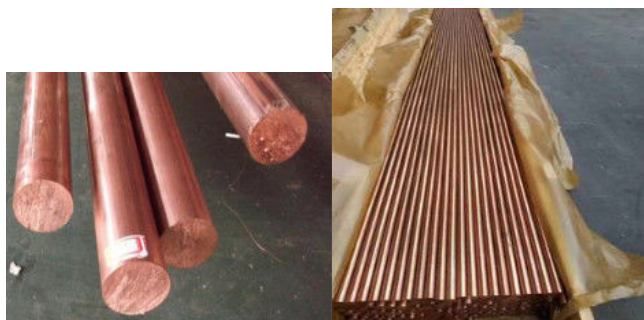
Typical Application: automotive connectors

**Application Area of Tellurium Copper Alloy C14500/C1450:**

The alloy is mainly used for: high conductivity, high conductivity, corrosion-resistant precision electronic and electrical components, advanced mechanical and electrical components, forgings and thread cutting parts, plumbing fittings, electrical contact parts, welding and cutting advanced gun nozzle, aerospace connectors, new energy automotive connectors, motor and switching parts. Products can be processed into plates, sheets, rods, wires, pipes and other profiles and various profiled materials. It is widely used in high voltage and high current connection because of its excellent arc resistance, welding resistance and viscosity resistance, high and low temperature performance, low insertion loss, high conductivity, low thermal EMF after silver plating and strong anti-interference ability. Connector industry.

Typical Application of Tellurium Copper Alloy C14500/C1450:	Gas cutting nozzles
	High-speed automatic screw machines
	Electrical Switches on power semiconductors
	Welding Torch tips
	Transformer & Circuit-breaker terminals
	Fasteners
	Production of hot forged products

PHYSICAL PROPERTIES		GENERAL PROPERTIES	
(Guide values for 20° C)			
Density of g/cm³	8,94	Resistance to:	
Solidification range ° C	953-1080	– organic materials	n.a
Electrical conductivity m/Ω · mm2	50	– neutral / alkaline compounds	k.A.
Thermal conductivity W/(mK)	355	Formability	
Therm. linear expansion-		– Warm	1
coefficient 10-6/K	17,1	– Cold	2
Modulus of elasticity N/mm2	115.000		



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