



## C3771 Round Brass Rod , Lead Free Solid Brass Bar Ø12-60mm Dimension

Our Product Introduction

for more products please visit us on [brassbronze casting.com](http://brassbronze casting.com)

### Basic Information

- Place of Origin: China
- Brand Name: TSTY
- Certification: ISO 9000
- Model Number: Accordingly
- Minimum Order Quantity: 2 Tons
- Price: USD/EURO/RMB
- Packaging Details: Standard export package
- Delivery Time: 2-4Weeks
- Supply Ability: 3,000 MT/per month



### Product Specification

- Name: Brass / Bronze / Lead-free / DZR Rods
- Material: Brass
- Dimension: Customized
- Type: Continuous Cast Bar Or Extruded Bar
- Shape: Round, Hexagon Or Customized
- Highlight: **solid brass rod , brass square bar**



### More Images



## Product Description

|                       |                                                                                                                                                                                                         |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Item                  | Brass Rod                                                                                                                                                                                               |
| Composition           | As below table                                                                                                                                                                                          |
| Standard              | ASTM,AISI,BS,JIS,GB,etc                                                                                                                                                                                 |
| Type                  | Continuous or Extruded                                                                                                                                                                                  |
| OEM acceptance        | Yes, customized composition and dimension is accepted                                                                                                                                                   |
| Shape                 | Solid or hollow<br>Round, flat, square, hexagonal, rectangular,etc                                                                                                                                      |
| Dimension             | Round bar:<br>Diameter for continuous casted rod: 7-150 mm<br>Diameter for extruded rod: 3-70 mm<br>Length: customized<br>Dimension for rods of Other shapes can be customized.                         |
| Finish                | Mill, polished, bright or as requested                                                                                                                                                                  |
| Process               | Horizontal continuous casting, Extrusion                                                                                                                                                                |
| Inspection Equipments | Chemical composition analysis: Spectrometer<br>Mechenic property test: Hardness, tensile strength, Elongation,Straightness                                                                              |
| Application           | 1). Charging auto parts<br>2) Connectors<br>3). Marine pumps<br>4). Bushing<br>5).Electrical conductors<br>6) Communication<br>7) Couplings, plumbing parts or sanitary ware parts,etc.<br>8). Military |
| Advantages            | 1) Good mechanical properties,<br>2) Strong corrosion resistance,<br>3) Strict dimension control,<br>4) High intensity,<br>5) Great machining performance,<br>6) Hot Forging performance                |
| MOQ                   | 500KG-3000KG                                                                                                                                                                                            |
| Sampe requested       | Yes                                                                                                                                                                                                     |
| Price Term            | Ex-works, FOB,CIF, etc                                                                                                                                                                                  |

| Chemical Composition |           |          |    |         |     |     |                |
|----------------------|-----------|----------|----|---------|-----|-----|----------------|
| Alloy Grade          | Cu        | Pb       | Al | Fe(max) | Sn  | Zn  | Impurity Total |
| HPb63-3              | 62.0~65.0 | 2.4~3.0  | -  | 0.1     | -   | REM | 0.75           |
| HPb63-0.1            | 61.5~63.5 | 0.05~0.3 | -  | 0.15    | -   | REM | 0.5            |
| HPb62-2              | 60.0~63.0 | 1.5~2.5  | -  | 0.15    | -   | REM | 0.65           |
| HPb60-3              | 58.0~61.0 | 2.5~3.5  | -  | 0.3     | 0.3 | REM | 0.8            |
| Hpb59-1              | 57.0~60.0 | 0.8~1.9  | -  | 0.5     | -   | REM | 1.0            |
| Hpb58-3              | 57.0~59.0 | 2.5~3.5  | -  | 0.5     | 0.5 | REM | 1.0            |

|         |           |         |      |      |               |     |                                  |
|---------|-----------|---------|------|------|---------------|-----|----------------------------------|
| Hpb57-4 | 56.0~58.0 | 3.5~4.5 | -    | 0.5  | 0.5           | REM | 1.2                              |
| C3601   | 59.0~63.0 | 1.8~3.7 | -    | 0.3  | Fe+S<br>n:0.5 | REM | -                                |
| C3602   | 59.0~63.0 | 1.8~3.7 | -    | 0.5  | Fe+S<br>n:1.0 | REM | -                                |
| C3603   | 57.0~61.0 | 1.8~3.7 | -    | 0.35 | Fe+S<br>n:0.6 | REM | -                                |
| C3604   | 57.0~61.0 | 1.8~3.7 | -    | 0.5  | Fe+S<br>n:1.0 | REM | -                                |
| C3605   | 56.0~60.0 | 3.5~4.5 | -    | 0.5  | Fe+S<br>n:1.0 | REM | -                                |
| CW602N  | 61.0~63.0 | 1.7~2.8 | 0.05 | 0.1  | 0.1           | REM | Ni 0.3<br>others<br>total<br>0.2 |
| CW614N  | 57.0~59.0 | 2.5~3.5 | 0.05 | 0.3  | 0.3           | REM | Ni 0.3<br>others<br>total<br>0.2 |
| CW617N  | 57.0~59.0 | 1.6~2.5 | 0.05 | 0.3  | 0.3           | REM | Ni 0.3<br>others<br>total<br>0.2 |
| C36000  | 60.0~63.0 | 2.5~3.0 | -    | 0.35 | -             | REM | -                                |



#### COMPANY INTRODUCTION

Shanghai Tianshen Copper Group Co., Ltd, established in 1992, is a professional manufacturer for copper materials and parts. With the development of 25 years, Tianshen has set up two facilities in Shanghai and Zhejiang as the manufacture base. By adoption of the advanced and automatic equipments, Tianshen focuses on providing high quality products throughout various industries, such as faucet, water meter, valve, plumbing, power, connector etc. With the high quality, excellent service and competitive price, Tianshen has become long-term strategic suppliers for many well-known brands all over the world.

#### OUR PROCESS

Gravity casting  
Centrifugal casting  
Continuous casting / Extrusion

Automatic sand casting  
Hot forging  
Machining

#### OUR ADVANTAGES:

Comprehensive manufacture process from raw material to finished parts

---Devoted to whole process control and continuous improvements

Well equipped with modern devices and professional personnel

---Share advanced technology and experience

Multiple ways of production process from casting to forging

---Meet various needs of clients

Long-term partnership with top international companies

----Stay competitive and focus on excellence

#### MAIN PRODUCTS

Water meters and couplings  
OEM Brass/Bronze/ Lead free parts  
Brass/Bronze/ Lead free Ingots  
Brass/Bronze/ Copper Coils/Strips

Valves and fittings  
ETP Copper Bus bar  
Brass/Bronze/ Lead free Rods  
Brass/Bronze/ Copper Sheets/Plates



#### CAPTION FOUNDRY 铸造车间

#### 车间介绍 Workshop is introduced

产品具有优良的耐腐蚀性、高韧性、高电导和优良的导电性能特点,广泛用于建筑、机械制造、汽车、电子电器、通讯电源、发电站、电网及各种电气设备等行业。

Be provided with excellent ductility, deep-drawing performance, plating conductivity etc., and widely used in architecture, mechanical manufacture, auto motor,



## PRODUCT DISPLAY

### 产品展示

#### 水龙头 THE TAP



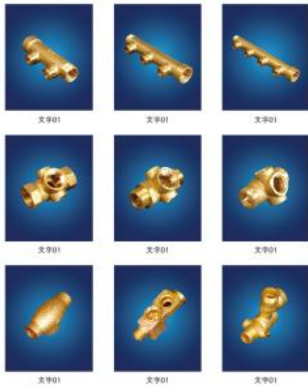
#### 水表壳 THE WATER METER SHELL



## PRODUCT DISPLAY

### 卫浴系列

产品展示 Bathroom series



### 水表系列

产品展示 Bathroom series



## COPPER INGOT

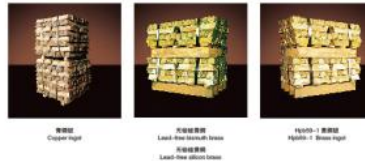
铜锭系列

#### 产品介绍 Product introduction

产品结晶细腻，流动性好，含铜量纯正，表面光滑，易抛光。广泛用于卫生洁具、家用电器等行业，尤其适用于重力和压铸铸造工艺生产水龙头和阀门等产品，能有效提高品质，降低生产成本。

Be provided with high density, good liquidity, pure copper content, glossy surface, easy polishing etc., especially good at faucet and valves by gravity die casting and low pressure casting with high qualified rate and low cost.

#### 产品展示 Product display



铜锭  
Copper ingot

压铸铜锭  
Lead-free brass ingot

压铸铜锭  
Lead-free brass ingot



## COPPER BAR

铜棒系列

#### 产品介绍 Product introduction

通过拉制和挤压工艺生产，具有良好热稳定性和切削性能，备有圆棒、六角棒等多种形状。

Be provided in round, square, hexagon, with good hot stamping and cutting property by drawing and squeezing crafts.



#### 产品展示 Product display



铜棒  
Copper bar

铜棒  
Copper bar



## COPPER STRIPS 铜带、铝带系列

### 产品介绍 Product introduction

产品具有优良的延展性、深冲性、高电导和优良的导电性等特点,广泛用于建筑、机械制造、汽车、电子电路、集成电路、变压器、电缆及各种电气设备等行业。

Be provided with excellent ductility, deep-drawing performance, plating conductivity etc., and widely used in architecture, mechanical manufacture, auto motor, electronic and electric equipments, integrated circuits, transformer, cable etc.

### 产品展示 Product display



磷铜带  
Phosphor copper strip



紫铜带  
Copper strip



铝带  
Aluminum strip



黄铜带  
Brass strip



## TESTING WORKSHOP

检测设备

### 设备介绍 Equipment is introduced

产品具有优良的延展性、深冲性、高电导和优良的导电性等特点,广泛用于建筑、机械制造、汽车、电子电路、集成电路、变压器、电缆及各种电气设备等行业。

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## EQUIPMENT EXHIBITION

### 设备展示



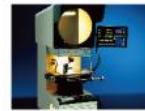
万能试验机  
Universal testing machine



硬度计  
Hardness Gauge



硬度计  
Hardness Gauge



投影仪  
Projection



金相显微镜  
Metallographic analyzer



三坐标  
Coordinate



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