



## Manual Pressure Release Valve Lead Free Brass Female NPT Thread Pressure Adjustment Valve

Our Product Introduction

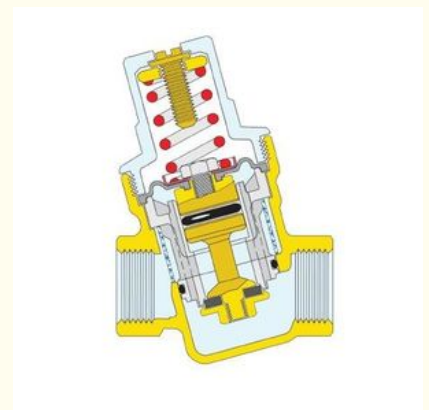
### Basic Information

- Place of Origin: CHINA
- Brand Name: TSTY
- Certification: ISO14001
- Model Number: Accordingly
- Minimum Order Quantity: 500PCS
- Price: NEGOCIATION
- Packaging Details: Standard export package.
- Delivery Time: 4-8 weeks
- Payment Terms: L/C, T/T
- Supply Ability: Accordingly



### Product Specification

- Name: Manual Pressure Release Valve Lead Free Brass Female NPT Thread Pressure Adjustment Valve
- Materials: Brass
- Size: DN15- DN50
- Packaging Details: Standard Export Package.
- Media: Water
- Surface Treatment: Natural, Powder Coating, Nickel Plating
- Highlight: **pressure safety valve,**  
**temperature pressure relief valve**



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## Product Description

|                          |                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Item                     | Manual Pressure Release Valve Lead , Free Brass Female NPT Thread Pressure Adjustment Valve                                                                                           |
| Material                 | Brass can be<br>CuZn40Pb2,CuZn39Pb3,CC754S,CC770S,C3604,C37710,<br>CW614N,CW617N,DZR BRASS, etc.<br>Bronze can be : Aluminium Bronze, Lead free<br>Bronze,Phosphor Bronze ,Tin Bronze |
| Dimension                | 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 3", 4'                                                                                                                                            |
| Finish                   | Natural, Nickle Plating, etc                                                                                                                                                          |
| Connection               | Compression end and BSP & NPT Female x female or<br>MalexM,FxM for selecting                                                                                                          |
| Norminal Pressure        | 1.6MPa                                                                                                                                                                                |
| Testing Pressure         | 0.8Mpa by air                                                                                                                                                                         |
| Working<br>Temperature   | -20°c≤t≤100°c                                                                                                                                                                         |
| Working Medium           | Water, non-causticity liquid, saturated steam                                                                                                                                         |
| Process                  | Gravity casting, Automatic Sand casting,Shell molding, Hot<br>Forging                                                                                                                 |
| Machining<br>Equipments  | IMR gravity casting machinin, Japan automatic casting<br>line,CNC,CNC Lathe,Transfer machine,etc                                                                                      |
| Inspection<br>Equipments | Spectrometer for material composition analysis<br>CMM for diemnsion check<br>100% leakage test<br>100% thread inspection                                                              |
| Design                   | OEM/ODM                                                                                                                                                                               |
| MOQ                      | 500-2000pcs                                                                                                                                                                           |
| Sampe requested          | Yes                                                                                                                                                                                   |
| Price Term               | Ex-works, FOB,CIF, etc                                                                                                                                                                |

### 1. Technical standards

**Nominal Pressure:** 1.6 MPa

**Working Medium:** Water,Non-causticity liquid, Saturated steam(≤0.6MPa)

**Working Temperature:** -20 ≤t≤150

**Parallel Pipe Thread to** ISO228/1, BSP, NPT, etc.



### Company Instruction

1. The subsidiary company of Shanghai Tianshen Copper (Group) Co., Ltd.
2. Established in August 1992 with over 400 staff.
3. Annual output: over 15,000,000 sets; annual output value:400,000,000 RMB.
4. Main products: brass valves, gas valves, heating equipments and sanitary wares, water meters and various kinds of pipe fittings.
5. Our Valves have passed three management system certificates such as ISO9001, ISO14001 and WRAS certificate



## 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

## Casting & Forging



## CAPTION FOUNDRY

铸造车间

### 车间介绍 Workshop is introduced

产品具有优良的延展性、高冲性、高电阻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、通信电路、发电厂、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



## Machining :



**MACHINE SHOP**

机加车间

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等特点,广泛用于建筑、机械制造、汽车、电子电器、集成电路、变压器、电缆及各种电气设备等行业。

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## PRODUCT DISPLAY

### 产品展示

水龙头 THE TAP



水表壳 THE WATER METER SHELL



### Our strength

- 1) ISO9001, ISO14001 and WRAS approved.
- 2) HIGH QUALITY materials---customized by ourselves .
- 3) Advanced equipments: infrared temperature measuring system for hot-pressing forging technology, CNC multi-axes finish machining special machine, tri-coordinates thickness gauge;
- 4) 100% sealing performance test and valve's service life testing equipments with leading production equipment and imported valve, we execute gas special plane & water pressure tests as per American standards.
- 5) OEM & ODM projects welcomed
- 6) Dongjiu Production System and ERP Management System

### Testing



**TESTING WORKSHOP**

检测设备

设备介绍 Equipment 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等特点,广泛用于建筑、机械制造、汽车、电子电器、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



轮廓仪  
Profilometer



金相显微镜  
Metallograph analyzer



三坐标  
Coordinate

### Seven Steps QC Process :

- 1) Incoming Quality Control (IQC)---Material
- 2) Process Quality Control (PQC)---Quality inspection for Partially Prepared Products
- 3) Final Quality Control (FQC)---Quality inspection for Final Products
- 4) Assembly line Quality Control
- 5) 100% leakage testing
- 6) Total Quality Management (TQM)
- 7) American Standard air&water pressure testing

### Contact Information :



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