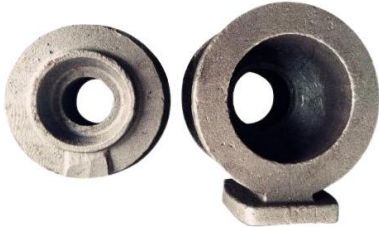


## Pipe Valve Joint

Our METALLECA® Pipe Valve Joint production can be customized according to requirement of domestic and foreign customers. Production would follow specific requirements (assembly, performance, life, corrosion resistance, etc.) to select the correct processes and materials (mainly used aluminum alloy, stainless steel, carbon steel). Otherwise, the production and processing are based on the customer specification. We specialize in producing unpatented products and do not have our own brand. At present, we supply a few quantities for supporting machinery and equipment to domestic and foreign customers. We look forward to more inquiries and cooperation with new customers to become long-term partnership.



## Product Description

You are welcomed to come to our factory to buy the latest selling, low price, and high-quality METALLECA® Pipe Valve Joint. We look forward to cooperating with you. We have the distinct advantage that each and every employee is personally responsible for the company's success. Everything we do is infused with pride of ownership and pride in a job well done.

### Pipe Valve Joint of Suppliers

abide by the contract", conforms on the market requirement, joins within the market competition by its good quality at the same time as provides far more comprehensive and great company for customers to let them grow to be major winner. The pursue in the company, will be the clients' pleasure for Massive Selection for China CNC Machined Brass Parts Copper Pipe Fitting Double Outer External Thread Connector Joint, We always provide best quality products and excellent service for the majority of business users and traders . Warmly welcome to join us, let's innovate together, and fly dreams. Massive Selection for China Machined Part, Brass Fittings, We are eager to cooperate with foreign companies which care much on the real quality, stable supply, strong capability and good service. We can provide the most competitive price

with high quality, because we've been much MORE Specialist. You are welcomed to visit our company at any time.

### Pipe Valve Joint Introduction

The valve in the pipe fittings is a mainly component.

The production of valves would adopt different mechanical manufacturing methods according to the pressure and working environment. (Such as casting, forging, etc.)

Valve bodies used in medium- and low-pressure environments are usually produced by casting methods (precision casting, gravity casting, low pressure casting).

The valve core and valve seat sealing ring can effectively withstand the pressure from water, gas, or oil after forming a seal.

In addition, the selected materials of the valve body are based on different process specification. Materials are cast iron, cast steel, stainless steel, carbon steel, etc. on common.

### Pipe Valve Joint Product Parameter (Specification)

Production Process	Material	Strength	Remarks
Precision Casting (investment mold)	AISI 304/CF8M	Strong corrosion resistance, Precision size	Silica Sol Process (Medium temperature wax)
	WCB	Economical price /wide applicability	water glass process (Low temperature wax)
Gravity Pouring/ Low pressure casting	Aluminum alloy	Lightweight, Economical	Gravity or low pressure pouring (steel mold)
Shell Casting	Copper alloy	Improve quality and applicability	Short period, High efficiency
Sand casting (cast iron)	QT400-15 QT400-18 QT450-10 QT500-7 QT600-3 QT700-2	Complex structure huge size	Be applicable huge size machinery and equipment
	HT100/HT150 HT200/HT250		
Sand casting (cast steel)	WC1、WCB、ZG25、20、25、30 及 Low alloy structural steel 16Mn;		

### Product Feature And Application

METALLECA® Pipe Valve Joints, one of Pipe fittings component, are used to transfer liquid, gas or fluid solid, and have supporting and reinforcing structures.

When transferring fluid solids, it is usually applied water or gas as the medium. The pipeline must be spill-proof and bearing temperature, pressure (internal pressure), and corrosion & abrasion resistance.

For example, crude oil and heavy oil pipelines must be able to withstand a temperature of about 100°C; steam pipelines must withstand a temperature of about 150°C.

On the other hand, the internal pressure of the water supply pipeline is about 0.5 to 1.0 MPa; the compressed air and steam pipeline is about 0.8 to 1.3 MPa. The pipeline structure should also bear its own weight, the weight of the conveyed materials and various external loads. (Such as soil, water, wind, vibration, thermal expansion and contraction, and the load generated by people, vehicles, construction machinery, etc.)

### **Product Details**

Production Process: gravity casting & pressure casting + machining + surface treatment

low pressure pouring + machining + surface treatment

pressure casting (investment mold) + machining + surface treatment (pickling, passivation, spraying)

cast iron/steel + blank machining + surface treatment (pickling, passivation, spraying)

Materials: aluminum alloy ZL102 和 ASTM A356.2

stainless steel AINi301/304/ CF8M/CF8

free lead copper HDT-2 (Hbi60-0.8)

tin brass copper C46500/C46400

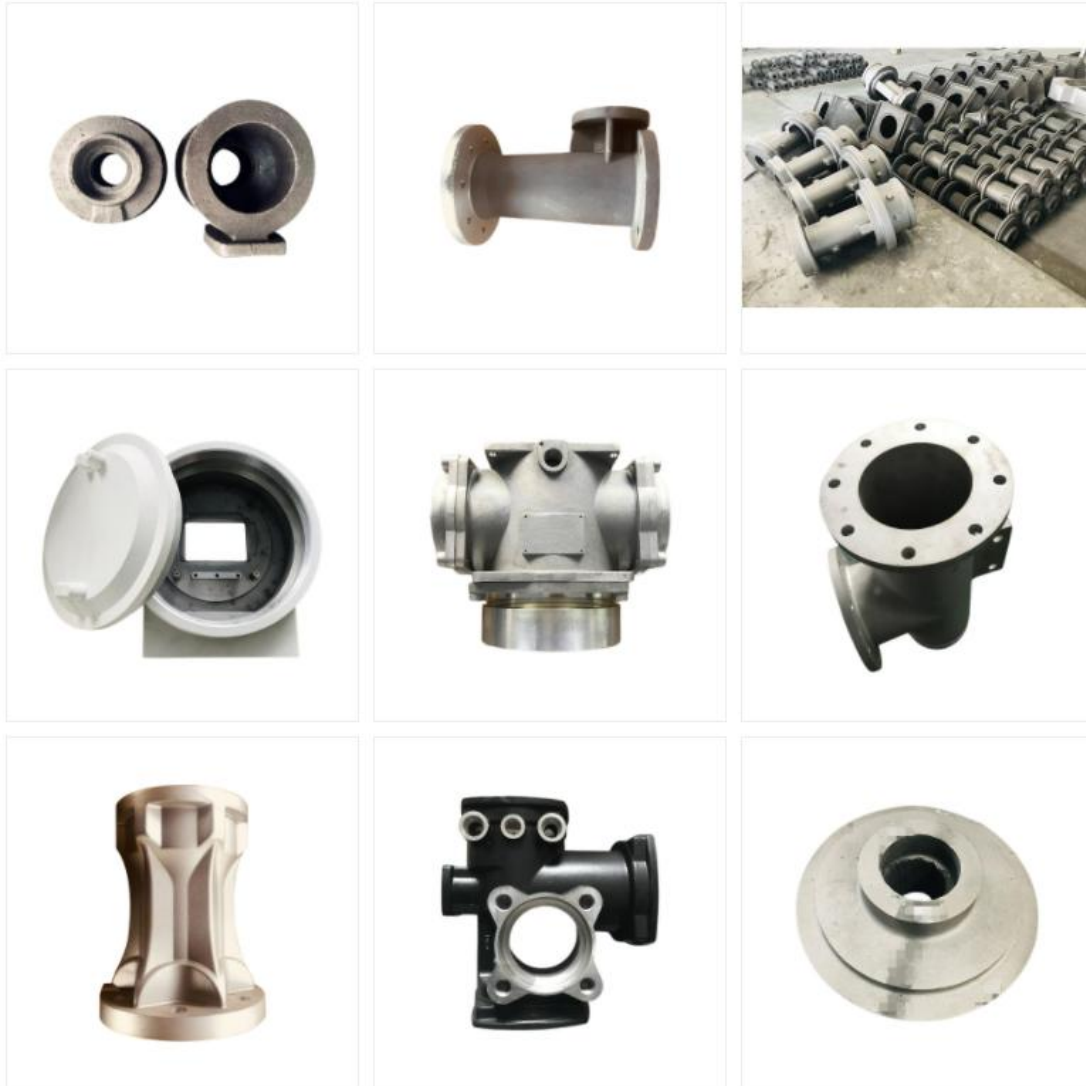
sand casting (cast iron) HT200/HT250

sand casting (cast steel) WC1、WCB、ZG25

Surface treatment: shot blast, pickling, spray paint,

Surface requirements: customize

### **Product Qualification**



**Deliver, Shipping And Serving**

Transportation: by sea, by rail, by air

Shipping: pallets (plywood or fumigated wood), wooden case + lid + carton + corner protector + PE film

Delivery: FOB Ningbo or Shanghai recommend

Workshop photos: Machining equipment & Pouring

