

## Pipe Joint

Our METALLECA® Pipe Joints 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. 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 can rest assured to buy METALLECA® Pipe Joint from our factory and we will offer you the best after-sale service and timely delivery. We do everything we can to add value to our customers' experiences, allowing us to be their best option.

### Low Price Pipe Joint of Suppliers

## Pipe Joints Introduction

There are pipe clamps, reducing pipe clamps, unions, filler cores, straight elbows, reducing elbows, inner pipe clamps, pipe plugs, straight tees, reducing tees, root mothers, straight crosses, reducing crosses, valve, check valve, and so forth in the pipeline fittings.

## 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)
Gravity Pouring	Aluminum alloy	Lightweight, Economical	Gravity or low pressure pouring (steel mold)
Shell Casting	Copper alloy	Improve quality and applicability	Short period, High efficiency

## Pipe Joints Feature And Application

METALLECA® Pipe Joints 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 & precision casting + machining + surface treatment

low pressure pouring + machining + surface treatment

precision casting (investment mold) + machining + surface treatment (pickling or passivation)

Materials: aluminum alloy ZL102 和 ASTM A356.2  
stainless steel AINi301/304  
free lead copper HDT-2 (HBI60-0.8)  
tin brass copper C46500/C46400

surface treatment: shot blast, pickling, customize

### **Pipe Joints 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

