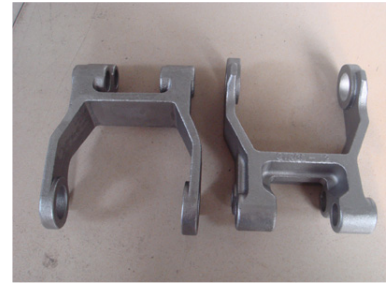


# Carbon Steel Cast Component

These carbon steel castings are manufactured using sand casting or lost foam casting processes. They are suitable for producing low, medium, and high carbon steel castings ranging in weight from 0.20kg to 3000kg, used in valve bodies, pipe fittings, and railway parts.



## ADDITIONAL IMAGES



## Overview

### High-Performance Carbon Steel Casting

This versatile carbon steel casting is engineered for industrial applications, including valve bodies, pipe fittings, and railway components. Manufactured using advanced processes like lost wax casting, lost foam casting, and sand casting, it offers exceptional durability and precision. The component is fully customizable to meet specific engineering drawings, with capabilities for heat treatment and CNC machining to ensure optimal performance in demanding environments.

## Technical Specifications

### Casting Processes

- Lost Wax Casting
- Lost Foam Casting
- Sand Casting (Resin or Green)
- Thermal Gravity Casting

### Surface Finishes

Polishing • Anodising • Powder Coating • Electric

### Material Types

Iron, Steel, Stainless Steel, Aluminium, Brass

### Surface Roughness

Ra0.05

### Machining Tolerance

+/-0.02mm

## Performance Metrics

### Weight Capacity

**0.5 kg**

Min Weight

**500 kg**

Max Weight

## Compliance & Standards

Quality Certifications	ISO 9001:2008, CE, SGS, AISI, leo
Manufacturing Standard	ANSI

## Logistics

Packaging	Pallet, Manmade Wooden Case, or as per customer requirement
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