



Precision Lost Wax Casting Alloy Steel Sector Lever Arm

Basic Information

- Place of Origin: China
- Brand Name: NC4311
- Certification: ISO9001,CE,SGS
- Model Number: 4311
- Minimum Order Quantity: 100 pcs
- Price: Can talk
- Packaging Details: Wooden Case
- Delivery Time: 30 days
- Payment Terms: T/T, L/C
- Supply Ability: 80,000 pcs monthly



Product Specification



More Images



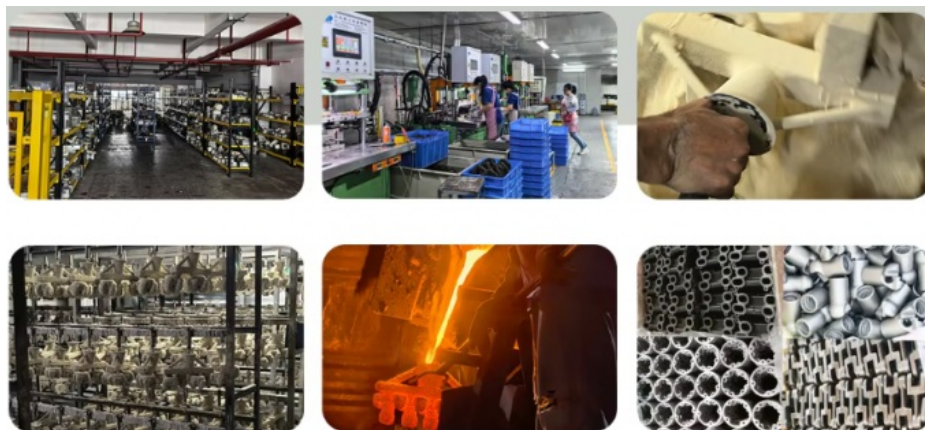
Product Description

Precision Lost Wax Casting Alloy Steel Sector Lever Arm

Product Details

Casting Process	Silica Sol Investment Casting, Lost Wax Process (Medium-Temp Wax).
Pattern Material	Medium-Temperature Wax (Higher precision than low temperature wax).
Precision Grade	Surface Finish: Ra 1.6- Ra 3.2 μm (AS Cast), CT Grade: CT5 -CT12 . Linear Tolerance: $\pm 0.10\text{mm per } 25\text{mm}$, tighter on request.
Size Tolerance	Linear Tolerance: $\pm 0.10\text{mm per } 25\text{mm}$, (Increase in proportion to size) tighter on request (e.g., $\pm 0.05\text{mm}$ on critical dims).
Typical Wall Thickness	Minimum 3mm, Larger than 4 mm is recommended for better filling and integrity.
Materials	Stainless Steel (304, 316, 17-4PH), Carbon Steel (ZG45), Alloy Steel (40Cr, 42CrMo).Brass/Bronze(CuZn, AB2)
Heat Treatment Type	Quenching & tempering, normalizing, annealing, tempering, solution treatment.
Core Making Process	Ceramic Core / Sol-Gel Process (For Complex Internal Channels)
Gating System Control	Optimized for Directional Solidification / Minimum Hot Tearing.
Microstructure Check	Metallography Analysis / Grain Size Control (For Critical Parts).
Max Size / Weight Range	Max Dimension: < 300mm x300mm x 300mm (Typical). Weight Range: 0.05Kg-25Kg
Surface Treatment	Electro-polishing, Passivation, Shot Blasting, Anodizing, Heat Treatment
Processing Ability	Precision CNC Machining to 0.05mm, Functional Assembly, 72h DFM Review. Secondary Operation: Tapping, Drilling.Grinding.
Application	Pump/Valve Components, Impellers, Marine Hardware, Food/Medical Machinery Parts. Micro Components.
Inspection	CMM Inspection, Spectrometry Analysis (COC), Dynamic Balance($\leq G6.3$), Magnetic Powder(MT). NDT:X-Ray (RT) or Ultrasonic Testing(UT).

Our workshop



About Us

Sunrise Foundry is a professional Metal Foundry, located in Ningbo. We have been producing Gray Iron, Ductile Iron Castings and any other precision castings for more than 25 years.

We are dedicated to meet different requirements of various customers across the world, products are mainly involved Agricultural and Construction Machinery, Hydraulic, Mining industry, Municipal Products, some steel and stainless steel castings for Pumps and Valves, Pipe Fittings, etc.

Please feel free to contact us if you have any requests.

Our advantages

- 1.Integrates diverse manufacturing processes including casting, forging, stamping, injection molding, and machining-into a cohesive production chain.
- 2.Precision Guaranteed: Machining and stamping processes ensure dimensional consistency and surface finish.
- 3.Cost Advantage: Economies of scale and process integration reduce unit costs, ensuring competitive pricing.

4. One-Stop Solution: End-to-end service from raw materials to final products minimizes clients supply chain management costs.

5. Keeps pace with the evolving trends in the automotive and manufacturing industries, ensuring our products and services remain at the forefront.

Quality Control



CMM



Tensile Test Machine



FAQ

How to get a quotation?

Provide detailed design files (PDF, STEP, IGS, DWG). Include quality, delivery, material, quantity, surface treatment info. More details ensure more accurate quotes.

Can I get a quote without design files?

Yes. Send parts or share ideas. Our engineers offer free design. Samples, pics or sketches work as references for competitive quotes.

Question

How long for samples?

Usually 7-15 days. Complexity, material availability and production schedules may vary this. We'll update you.

Question



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