



Custom Aluminium Extrusion Skived Heatsinks CNC Machining Amplifier Heatsink

Our Product Introduction

for more products please visit us on cnc-metalmachining.com

Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Xiange
- Certification: ISO9001:2015
- Model Number: CNC-XG-037
- Minimum Order Quantity: 1 pcs
- Price: USD \$0.1-\$1.99
- Packaging Details: Carton, As Customers'packaging requirements
- Delivery Time: Samples 7-10 days, Mass production 20-25 days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 10000 pcs per week



Product Specification

- Application: Automotive, Aerospace, Medical, Etc.
- Drawing Format: CAD, PDF, JPG, Etc.
- Inspection: 100% Inspection Before Shipment
- Lead Time: 7-15 Days
- MOQ: 1 Piece
- Material: Metal
- Package: Carton Box, Wooden Box, Etc.
- Payment Term: T/T, L/C, PayPal, Etc.
- Process: CNC Machining
- Size: Customized
- Surface Treatment: Polishing, Sandblasting, Anodizing, Etc.
- Tolerance: $\pm 0.005\text{mm}$
- Transport: By Air, By Sea, By Express, Etc.
- Highlight: Aluminium Extrusion Skived Heatsinks,
CNC Machining Skived Heatsinks,
CNC Machining Amplifier Heatsinks



More Images



Product Description

What We Can Provide

China Manufacturer Custom Heat Sink Aluminium Extrusion skived heatsinks Amplifier Heatsink

Description Of Aluminum Skived Heatsink

An aluminum skived heatsink is a specialized cooling component designed to dissipate heat efficiently from electronic devices or components. It is constructed using an aluminum material through a process known as skiving, which involves precision machining techniques to create a finned structure. This unique design enhances the heatsink's thermal performance by increasing its surface area and allowing for better heat dissipation.

Aluminum Material: Aluminum is widely used for skived heatsinks due to its excellent thermal conductivity, lightweight nature, and cost-effectiveness. It efficiently transfers heat away from the heat source, helping to maintain optimal operating temperatures for electronic devices.

Material Of Aluminum Skived Heatsink

Item Type	Skived Heatsink
Material	Aluminum alloy & Copper
Size/Shape	Standard or customized size / Rectangular, Square, or customized.
Thickness/Color	Customized/Silver, black, blue, wood color, RAL powder coating color.
Production Process	Skiving fin—Cutting—CNC Machining(Milling, Drilling, Tapping)—Deburring— Cleaning— Inspecting—Packing.
Deep Process	CNC, drilling, milling, cutting, stamping, welding, bending, assembling, Custom Aluminum Fabrication.
Finish Options	Used for Electronic, LED, CHIP computer 's component heat dissipation.

Application Of Aluminum Skived Heatsink

1. **Computers and Laptops:** Skived heatsinks are widely used in computer processors, graphics cards, and other internal components to dissipate heat generated during intense computing tasks. They help prevent overheating and maintain optimal performance.
2. **LED Lighting:** LED lights generate heat, and efficient cooling is essential to maintain their longevity and brightness. Skived heatsinks are used in various LED lighting applications, including residential, commercial, and automotive lighting systems.
3. **Audio Amplifiers:** High-power audio amplifiers generate significant heat during operation. Skived heatsinks are employed to cool down the amplifier circuitry, ensuring stable performance and minimizing distortion.

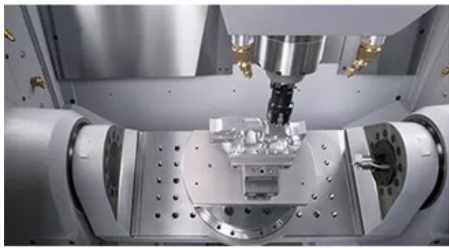
Features Of Aluminum Skived Heatsink

1. **Efficient Heat Dissipation:** Aluminum is a highly efficient conductor of heat, and skived heatsinks are designed to maximize the surface area for heat dissipation. The skived fin structure enhances the heatsink's ability to transfer heat away from the electronic components.
2. **Thin and Lightweight:** Skived heatsinks are manufactured using a precision machining process that allows for the creation of thin and lightweight fins. This design makes them suitable for applications where space and weight are critical considerations.
3. **Customizable Fin Geometry:** The skiving process allows for the creation of intricate and customizable fin geometries, which can be tailored to specific thermal requirements and airflow conditions. This flexibility ensures optimal performance for various applications.

Why Choose Us

Advantages

1. **Quality control:** the defective products rate is 0.1%. Imported material 100%.
2. **Reasonable price.** Precision made. Experience & reasonable QC that you can rely on.
3. **Each part would be given 100% test and tryout before shipment.**
4. **Adequate supply capacity. Punctual delivery time.**



High Precision

5-Axis CNC & Imported machines
with accuracy $\pm 0.02-0.10\text{mm}$



Fast Lead Time

Multiple CNC machines, skillful
workers, guarantee fast lead time



Strictly Confidential

We will protect the customers' design
and the customer can request a
confidentiality agreement



Quality Inspection

We have a strict quality inspection
process to ensure the quality of our
products

Factory Show

Factory Equipment



WEDM



Milling Machine



CNC Wire Cut



Coordinate measuring machine



CNC Bending Machine



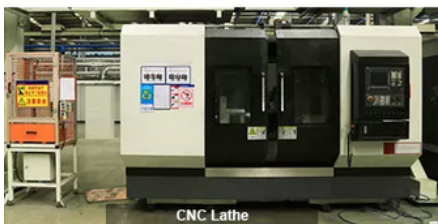
Hydraulic Press Machine



SLS/SLA Machine



5-Axis CNC



CNC Lathe



Laser cutting Machine



CNC Punching Machine



Injection Molding machine

FAQ

Q1: Where can I get product & price information?

A1: Send us inquiry e-mail, we will contact you as we receive your mail.

Q2: How long can I get the sample?

A2: Depends on your specific items, within 3-7 days is required generally.

Q3: What kinds of information you need for quote?

A3: Kindly please provide the product drawing in PDF, and will be better you can provide in STEP or IGS.

Q4: What are the payment terms?

A4: We accept 50% as payment deposit, when the goods is done, we take photos for your check and you then pay the balance.

Q5: Are you a trading company or factory?

A5: We are direct factory with 10 experienced engineers and more than 650 employees as well approximate 2,000 square ft. workshop area.

Q6: What shall we do if we do not have drawings?

A6: Please send your sample to our factory, then we can copy or provide you better solutions. Please send us pictures or drafts with dimensions (Length, Height, Width), CAD or 3D file will be made for you if placed order.



Shenzhen Xianheng Technology Co.,Ltd



0086-13682614486



shawn@xianheng-tech.com



cnc-metalmachining.com

Room 8-1409, Xingji jiayuan building 8-9#, HongXing community, Songgang street, Bao'an District, Shenzhen City China