



High Power Audio Heat Sink Extrusion Profiles in Aluminum with Mill Finished Surface Treatment

Our Product Introduction

for more products please visit us on aluminumextrusion-profiles.com

Basic Information

- Place of Origin: China
- Brand Name: MetalPlus
- Certification: CA ,CE
- Model Number: Aluminum Heat Sink
- Minimum Order Quantity: 1 ton
- Packaging Details: Ep paper ,kraft ,pallet
- Delivery Time: 20days
- Payment Terms: T/T ,L/C
- Supply Ability: 100 000ton each month



Product Specification

- Product Name: Aluminum Heatsink Extrusion Profiles
- Alloy: 6063,6061,6005
- Material: Aluminum
- Surface Treatment: Mill Finished,Anodized ,Electrophoretic Coated,Powder Spray Coated
- Deep Process: Milling, Drilling, Bending,Cutting
- Temper: T4, T5, T6 ,T66
- Highlight: **Audio Heat Sink Extrusion Profiles,
Mill Finished Heat Sink Extrusion Profiles**



More Images



Product Description

Electrophoretic / Silvery Anodized Aluminum High Power Heat Sink Extrusion Profiles

Aluminum alloy through extrusion, stamping and other processing technology to make a variety of cross-section shapes of aluminum profiles, according to demand can be processed into various sizes of radiator models. The aluminum heatsink has excellent thermal conductivity, which can quickly conduct heat from the equipment to the surface of the heatsink, improving the heat dissipation efficiency.

MetalPlus has adopted being a leading company in the production of electronic coolers as its vision. We aims to meet all heatsink needs by using a variety of methods such as Extrusion, Stamping, Printing, Pressing, Welding, Bonding and CNC Machining. As a result of increasing heat transfer needs, it continues to bring new products to the market in different forms. **Send us your layout design or requests, our professional R&D team will assess and provide you with solutions ASAP. If you have any questions, do not hesitate to contact us.**

Description :

1. Material:6000 series, normal material such as 6063,6005,6061,6060, special materials such as 6082 etc.
2. Temper: T5 or T6
3. Finish: Mill finish, anodizing,powder painting, electrophoresis, wooden transfer , polishing,brushing,sand blasting
4. Various colors: Silver,bronze,black,gold,blue,grey,champagne,bright,etc.
5. Machining: Cutting,punching,drilling,tapping,milling,bending,welding,CNC machining etc.
6. Various in styles and sizes:
 - A). **Aluminum alloy bars**
 - B). **Aluminum profiles:**
 - **General aluminum profiles** (various shapes of pipes/tubes, angles, T or U shapes etc.)
 - **Industrial aluminum profiles** (TV frames, Heat sink profiles, Furniture, Ladder, Guide Rail, Leisure materials, Shower Room, Solar Module Frame, Motor Shell etc.)
 - **Construction aluminum profiles** (Aluminum doors&windows , Curtain Wall Frame etc.)
7. Certification: ISO9001,SGS,ROHS,TUV
8. Strong technical development ability, can provide high intensity and high ductility aluminum profiles, to meet customers' different requirements.
9. OEM service available, customized design available

Applications:

Aluminum heat sink is widely used on Machines , cars , lighter ...

Specifications:

1. Primary Technical Data

1)Chemical composition

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Impurity	Al
6063	0.2-0.6	0.35	0.1	0.1	0.45-0.9	0.1	0.1	0.1	0.15	Rest
6061	0.4-0.8	0.7	0.15-0.4	0.15	0.8-1.2	0.04-0.35	0.25	0.15	0.15	Rest
6060	0.3-0.6	0.1-0.3	0.1	0.1	0.35-0.6	-	0.15	0.1	0.15	Rest
6005	0.6-0.9	0.35	0.1	0.1	0.40-0.6	0.1	0.1	0.1	0.15	Rest

2) Mechanical property

Alloy	Temper	Tensile strength	Yield strength	Elongation
6063	T5	≥ 160Mpa	≥ 110Mpa	≥ 8%
	T6	≥ 205Mpa	≥ 180Mpa	≥ 8%
6061	T6	≥ 265Mpa	≥ 245Mpa	≥ 8%

Applications:

CPUs and GPUs: To prevent overheating in computers and gaming systems.

Power Semiconductors: In power supplies and electric vehicles.

LED lighting: To ensure long lifespan and efficient operation.

Battery packs: In devices like smartphones, electric vehicles .



Competitive Advantage:

- 1, We can do the designs according to the customers' requirement
- 2, We can produce customers' own die as per their requirement
- 3, We can offer you the high quality products & reasonable price
- 4, We can offer you a good after-sell service
- 5, We have strong professional design team
- 6, Prompt delivery, sample order is welcome.



