



Customized Dimensions Aluminum Leg Bracket for School Desks with CT7 Tolerance Grade and CNC Machining

Our Product Introduction

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

Basic Information

- Certification: ISO 9001:2000
- Minimum Order Quantity: 100
- Price: 1.99



Product Specification

- Material: Aluminum Alloy
- Tolerance Grade: 7
- Casting Dimension Tolerance: CT7-CT8
- Casting Surface Roughness: Ra 12.5um
- Casting Weight Range: 0.1-100kg
- Max Linear Size: 1200mm
- Max Diameter Size: 600mm
- Machining Precision: Positioning Accuracy 0.008mm, Rep. Position. Accuracy 0.006mm
- Machining Surface Roughness: Ra0.8~6.3um
- Max Travel Of Spindle: 1800mmx850mmx700mm
- Max Turning Diameter: 1000mm
- Casting Process Type: High Pressure Die Casting (HPDC), Vertical Low Pressure Die Casting (LPDC), Precision



More Images



Product Description

School Desk Table Construction Leg Bracket Aluminum Casting

Metalplus specializes in aluminum industrial profile design and manufacturing with a production base of more than 100,000 square meters and annual capacity exceeding 100,000 tons.

Product Description

Aluminum is the most frequently used material for aluminum castings to produce lightweight parts. The basic principle of low pressure casting of aluminum alloy involves filling the aluminum mold and completing the solidification process under low working pressure (0.06 ~ 0.15MPa) to obtain high-quality castings.

Precision die casting parts are widely used in hardware parts, auto motor parts, machinery parts, medical equipment, and various industrial applications.

Specifications

Material	Aluminum Alloy, Carbon Steel, Alloy Steel, Stainless Steel
Process	Drawings → Mould Making → Die Casting → Rough Machining → CNC Machining → Surface Treatment → Product Checking → Packing → Delivery
Casting Dimension Tolerance	CT7-CT8
Casting Surface Roughness	Ra 12.5um
Casting Weight Range	0.1-100kg
Casting Size	Max linear size: 1200mm, Max diameter size: 600mm
Machining Precision	Positioning accuracy 0.008mm, Repeat positioning accuracy 0.006mm
Machining Surface Roughness	Ra0.8~6.3um
Max Travel Of Spindle	1800mm x 850mm x 700mm
Max Turning Diameter	1000mm
Material Standard	GB, ASTM, AISI, DIN, BS, JIS, NF, AS, AAR
Surface Treatment	Electroplating, Chrome Plating, Zinc Plating, Nickel plating, Electrophoresis, Anodization, Polishing, Powder coating, Sandblasting, Passivation, Spray painting, etc.
Casting Process Type	High Pressure Die Casting (HPDC), Vertical Low Pressure Die Casting (LPDC), Precision Sand Casting, Lost Foam Casting, Investment Casting, Metal Casting
Service Available	OEM & ODM
Quality Control	0 defects, 100% inspection before packing
Application	Train & railway, automobile & truck, construction machinery, forklift, agricultural machinery, shipbuilding, petroleum machinery, construction, valve and pumps, electric machine, hardware, power equipment
MOQ	1 TON

Payment Terms	T/T, L/C at sight
Port	Shanghai Port

Our Advantages

We export the majority of our customized products to the United States and Europe, where our customers have become regular clients. With over 17 years of manufacturing experience in the aluminum industry, we can easily satisfy customers' needs.

Strong design capabilities for extrusion, die casting, CNC machining, milling, and turning with fast turnaround

Complete metal processing machines including laser cutting, CNC bending, welding, and stamping

Comprehensive control of all manufacturing process steps to maintain long-term stability and excellent quality

Technical Support

Custom design services including CAD drawings and 3D models for customer confirmation

Professional R&D team to analyze and optimize designs based on customer requirements

One-stop service model including product design, mold customization, aluminum bar melting, extrusion profiling, precision machining, and surface treatment

Factory Equipment

Extrusion

Equipped with 44 aluminum extrusion lines capable of producing various standards of commercial and industrial aluminum profiles with maximum outer diameter of 350mm. Our largest 6800-ton extruder can handle profiles up to 600mm diameter.

Anodizing

Six anodizing production lines create uniform oxidation film thickness and color. Available colors include silver, black, gold, champagne, and imitation steel, with custom colors available upon request.

Painting

Four powder spraying lines using high-quality Gema Switzerland spray nozzles with safe, environmentally friendly paint featuring strong adhesive force and durable color retention.

CNC Machining

Advanced machining equipment including 12 PRATIC machining centers for profiles up to 6 meters, fully automatic Wegoma cutting machines, 30 punching machines (50-100 tons), 10 stretch bending machines, and 10 milling machines.

Quality Certifications

Notable Projects

Soccer City Stadium, Johannesburg

As the main aluminum supplier for Africa's largest capacity stadium (94,000 seats), we contributed to this major South African construction project.

Lobster Trailers

Collaboration with this Nordic trailer giant involved our R&D team analyzing and improving designs, then processing with our advanced equipment to minimize production costs and enhance product performance.

School Desk Project

Supplied aluminum legs for school desks, demonstrating our strong design capabilities and mature manufacturing techniques to help customers win project tenders.

 **HENTEC** Hentec Industry Co.,Ltd

 +86-13861643436

 aluminum@hentec.com.cn

 aluminumextrusion-profiles.com

Qinfeng Road No.555 Huashi Town Jiangyin Jiangsu China (mainland) 214421