



Customized CNC Machining Industrial Aluminium Profiles For Robot Arm Beam / Mechanical Arm / Automation Equipment

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
- Minimum Order Quantity: 500pcs
- Packaging Details: Ep paper ,kraft ,pallet
- Delivery Time: 20days
- Payment Terms: T/T ,L/C
- Supply Ability: 100 000ton each month



Product Specification

- Material: Aluminum Alloy
- Surface: Anodized
- Color: Natural
- Temper: 6063 T5
- Deep Process: Cutting ,Drilling ,Milling
- Packing: Pallet ,Wooden Case
- Highlight: **Robot Arm Beam Industrial Aluminium Profiles,
Customized CNC machining Industrial
Aluminium Profiles**
**,
Automation Equipment Industrial Aluminium
Profiles**



Product Description

Customized CNC machining Industrial Aluminium Profiles For Robot Arm Beam / Mechanical Arm / Automation Equipment

Description:

Product Name	Industrial aluminium profile/ aluminum extrusion
Material	6063 aluminium alloy
Temper	T4 T5 T6 T66
Surface treatment	Mill finish, powder coating, anodizing, wooden grain coating, polishing, eletrophoresis, PVDF, sanding blasting, etc.
Shape	Round, Hollow profile, Oval, Tube, Flat, Triangle, Square, Rectangle, Rectangular, Pentagon Pentagonal, hexagon hexagonal, heptagon heptagonal, octagon octagonal, trapezoid trapezoidal, Diamond, Wave-shape, Curve-shape, U-profile, L-profile, T-profile, H-profile, and any customized design
Color	Natural silver,Black , can be customized.
Surface	Mill finish, Anodizing, Sand Blasting, Powder coating, etc.
Deep processing	Cutting, Drilling, Treading, Bending, etc.
Application	Mechanical Arm /Robot Arm Beam/ Automation Equipment
Certification	ISO9001

Applications:

Industry Aluminum profile used in cars, trains machinery ,electronics, medical and other industrial filed . In terms of hardware, machinery, electromechanical parts, solar PV products, aluminum frames are adopt as important auxiliary materials. We also have aluminum profiles for radiators, fitness machinery, buildings, lighting instrument, windpipes, oil pipelines, for instance.

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%

2.Specifications:

Excellent material for smooth and subtle edges.

Elegant appearance.

Surface treatment: colorful anodized ,powder painting or electrostatic powder coated.

Suitable for constructions and other industrial purposes.

Customized surface finishes are welcome.

Competitive Advantage:

- 1)Engineering design and support.
- 2)Aluminum profiles deeply processing:cutting,punching,drilling,milling,and fabricating.
- 3)High Quality system, strictly inspection during production and whole inspection before package.
- 4)Good performance, product warranty for 15 years.



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