

Anti Scratch Anodized 6063 T5 Industrial Aluminum Extrusion T Slot V Slot Profile for Clean Room

Our Product Introduction

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

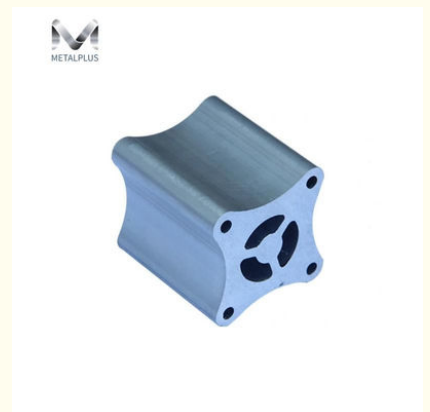
Basic Information

- Certification: CE, ISO
- Minimum Order Quantity: 1,000
- Price: 4.99

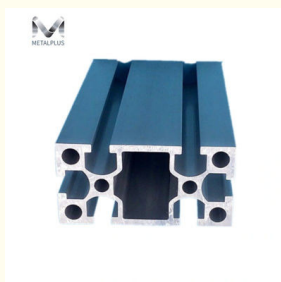


Product Specification

- Model NO.: V Slot Profile
- Type: Industrial Aluminium Profile, Aluminum Profile System
- Shape: T - Profile
- Grade: 6000 Series
- Temper: T3-T8
- Alloy: Alloy
- Surface Finishing: Anodic Oxidation
- Alloying Ingredient: 6063
- Surface Treatment: Sandblasting Anodized
- Size: 30/40/50/60/80/100mm
- Deep Process: Cutting, Drilling, Tapping, Milling
- Specification: 20*20, 30*30, 40*40, 40*80, 30*60, 80*80mm
- Production Capacity: 100000 Ton/ Year
- Tensile Strength: $\geq 100\text{Mpa}$ (T5) $\geq 90\text{Mpa}$ (T3)



More Images



Product Description

Anti Scratch Anodized 6063 T5 Industrial Aluminum Extrusion T Slot V Slot for Clean Room

Our T-slot aluminum profile is engineered for high-load applications including heavy work stations, fixtures, machine supporting structures, and transporting shuttles. The 40 dimension offers optimal load-carrying capacity, providing a cost-effective and stable solution for design engineers.

Specifications

Product: Aluminum industry profile

Surface treatment: Mill finishes, Anodized, Powder coated, Wooden grain, Machine/Acid polished

High corrosion resistance

Applications: Industry, construction, exhibition, decoration

Excellent wear resistance & anti-scratch properties

Custom sizes available

Alloy temper: 6061-T6, 6063-T6, 6082-T6

Standards: EN755, ASTM B221, DIN Standard

Packing: Shrinking film, Carton, Wooden pallet or custom requirements

Delivery: 25-30 days for mass production

Key Features

Lightweight yet high strength with excellent stability

Superior resistance to corrosion, abrasion, acid and alkali

Incombustible aluminum alloy material with strong impact resistance

Tight joint design for excellent soundproofing

Waterproof structure for door and window applications

Applications

Our T-slot industrial aluminum profiles, made from Alloy 6061-T5/T6 or 6063-T5/T6, are widely used for display and exhibition shelves, conveyor systems, work benches, machine frames, stairway-platform-systems, transportation, and construction applications.

Competitive Advantages

Modular construction: Quick assembly without complex design or processing

Aesthetic & functional: Lightweight with high rigidity and attractive appearance

Enhanced expandability: Unique T-slot design allows component installation anywhere without profile demolition

Product Parameters

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

Mechanical Properties

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

Packaging & Shipping

Packaging: Standard export package, with custom options available

Shipping:

Samples shipped via express (FEDEX, DHL, UPS, EMS) with freight paid by client

FOB Shanghai for mass production

Delivery Time: 3 weeks after order confirmation

Company Profile

MetalPlus operates a 3600-ton extrusion press capable of producing heat sinks up to 600mm diameter. We specialize in custom aluminum extrusions for construction and industrial applications, offering complete services from mold making to fabrication and surface treatment.

Certifications

Company History

2004: Recognized Brand of the Building Industry Material Market

2006: Certificate for Product Exemption from Quality Surveillance Inspection & ISO9001

2009: Advanced Company, Jiangsu Famous Brand Certificate, Credible Product of Quality in Jiangsu Province

2012: Established business relationships with Panasonic and LG

2015: Innovative producer and supplying partner for European clients

2017: Developed new baseboard heater products

2019: Supplier to world's largest heater manufacturers

2023: Expanding overseas distributor network

Notable Projects

As main aluminum supplier for Soccer City Stadium in Johannesburg - the largest capacity stadium in Africa with 94,000 seats. The project received unanimous praise upon completion.

Collaboration with Lobster Trailers, a Nordic trailer giant, where our R&D team optimized designs and production processes to minimize costs while improving performance.

Supplied aluminum legs for school desks as part of a local education project, demonstrating our design capabilities and manufacturing expertise.



+86-13861643436

aluminum@hentec.com.cn

aluminumextrusion-profiles.com

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