



Anodized Industrial 6005 Aluminum Profile T6 For Conveyors Systems

Basic Information

- Place of Origin: China
- Brand Name: MetalPlus
- Certification: CA ,CE ,ISO14001:2004, ISO9001:2000
- 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: Industrial Aluminium Profile
- Alloy: 6063,6061,6005
- Material: Aluminum
- Surface Treatment: Mill Finished,Anodized ,Electrophoretic Coated,Powder Spray Coated, Drawbench,Steel Polished
- Deep Process: Milling, Drilling, Bending,Cutting
- Temper: T3, T4, T5, T6
- Highlight: **Anodized Industrial Aluminum Profile For Conveyors**
, Industrial 6005 Aluminum Profile,
Industrial Aluminum Profile 10MM



Product Description

T-slot aluminum profile is recommended for applications with high loads, such as heavy work stations, fixtures, machine supporting structures, transporting shuttles etc. The optimized load-carrying capacity of 40 dimension offers a cost effective and stable solution for design engineers. Areas of the basic frame designed which are subject to less load can be constructed from light dimensions for optimized weight and cost.

Product Specification

Product	Anodized Industrial Aluminum Profile For Conveyors Systems
Material	6063,6061,6060,6005
Temper	T5/T6
Surface treatment	Mill finish,powder coating, anodizing, wooden grain coating,polishing,eletrophoresis,PVDF, sanding blasting, etc.
Deep process	Milling, Drilling, Bending,Cutting
Slot width	6MM,8MM,10MM
Length	6M
Appearance	Normally square,round and T-shaped,or customized
Color	Silver,black,blue,wood color,according to clients' requirements.



Applications:

Mainly used for industrial production , such as automation equipment , enclosure of the skeleton and the companies according to their own customized mold machinery and equipment , such as assembly line conveyor , hoist, dispenser, testing equipment, shelves , etc., electronic machinery industries and clean room with a gain majority.



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%

公司图号	图 样	线密度 kg/m
HT-745		1.292
HT-746		0.786
HT-747		2.524
HT-749		0.464
HT-750		0.808
HT-751		1.616

公司图号	图 样	线密度 kg/m
HT-752		1.646
HT-753		2.952
HT-754		2.015
HT-767		1.522

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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