

Oem Assembly Line Construction Aluminium Profiles 6061

Our Product Introduction

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

Basic Information

- Place of Origin: China
- 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
- Material: Aluminum
- Surface Treatment: Mill Finished, Anodized Powder Coated, Drawbench, Steel Polished
- Deep Process: Milling, Drilling, Cutting
- Temper: T5, T6
- Highlight: assembly line construction aluminium profiles, oem construction aluminium profiles, construction aluminium profiles 6061



More Images



Product Description

OEM Industrial Aluminum Extrusion Profiles For Assembly Line

We have Germany imported machines and professional engineers. In this case, we can do high technics customized aluminium alloy extrusion and profile as per your drawings or samples.

Product Specification

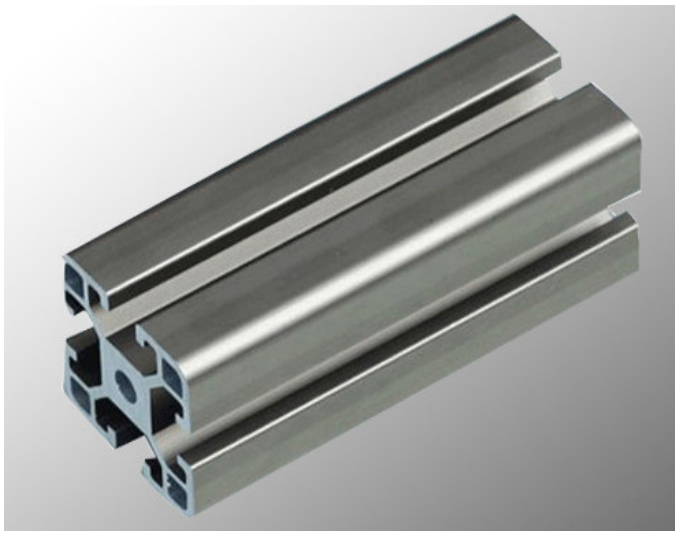
Product Name	Industrial aluminium profile /aluminum extrusion
Material	6063 aluminium alloy
Surface treatment	Mill finish, powder coating, anodizing, wooden grain coating, polishing, electrophoresis, PVDF, sanding blasting, etc.
Size	15/20/30/40/60/80/90/100 series etc.
Temper	T4 T5 T6 T66
Slot Width	6MM, 8MM, 10MM
Color	Natural silver, can be customised.
Deep processing	Cutting, Drilling, Treading, Bending, etc.
Application	Building, Industry, Machinery
Certification	ISO9001

TABLE OF CHEMICAL COMPOSITION OF ALUMINUM ALLOY

Alloy	Si	Mg	Fe	Cu	Mn	Zn	Cr	Ti	Al
6063	0.2-0.6	0.45-0.9	< 0.35	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	Surplus
6061	0.4-0.8	0.8-1.2	< 0.7	0.15-0.4	< 0.15	< 0.25	0.04-0.35	< 0.15	Surplus
6005	0.5-0.9	0.4-0.7	0.35	0.3	0.50	0.2	0.3	0.1	Surplus
6082	0.7-1.3	0.6-1.2	0.5	≤0.1	0.4-1.0	≤0.2	≤0.25	< 0.1	Surplus

ADODIZINMG QUALITY

Grade	corrosion resistance			abrasive resistance	
	CASS test		alkaline dropping test	sandtrial Abrasion coefficient f, g/um	
	hours	grade			
AA10	16	≥ 9	≥ 50	≥ 300	
AA15	32	≥ 9	≥ 75	≥ 300	
AA20	56	≥ 9	≥ 100	≥ 300	
AA25	72	≥ 9	≥ 125	≥ 300	

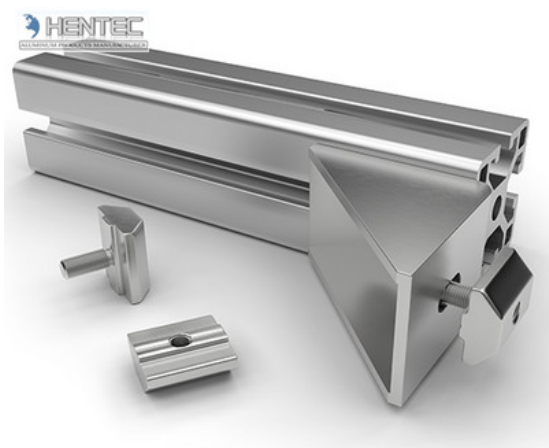


Description:

1. Material: 6063, 6061, 6060, etc.
2. Temper: T5 or T6
3. Finish: Mill finish, anodizing, powder coating, electrophoresis, wooden transfer or pvdf/carbon-flouride coated, 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 etc.
6. Various in styles and sizes:
 - A) Aluminum alloy bars: 6000 series, normal material such as 6063, 6005, 6061, 6060, special materials such as 6082 etc.
 - B) Aluminum profiles:
 - General aluminum profiles (various shapes of pipes/tubes, angles, T or U shapes etc.)
 - Industrial aluminum profiles (TV frames, Rim for bicycles and motorcycles, Heat sink profiles, Furniture, Ladder, Guide Rail, Leisure materials, Shower Room, Solar Module Frame, Motor Shell, Pipeline Integration etc.)
 - Construction aluminum profiles
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:

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:

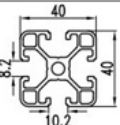
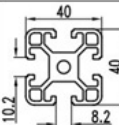
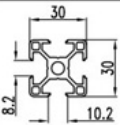
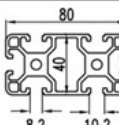
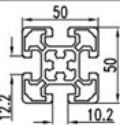
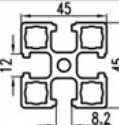
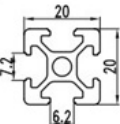
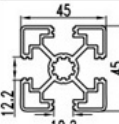
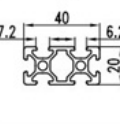
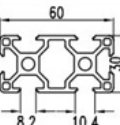
1. Primary Technical Data

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%

公司图号	图 形	线密度 kg/m	公司图号	图 形	线密度 kg/m
HT-745		1.292	HT-752		1.646
HT-746		0.786	HT-753		2.952
HT-747		2.524	HT-754		2.015
HT-749		0.464	HT-767		1.522
HT-750		0.808			
HT-751		1.616			

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.



