STAVIAN®
INDUSTRIAL METAL



BROCHURE
ALUMINUM

- ✓ Aluminum ingot
- ✓ Aluminum billet
- ✓ Aluminum extrusions

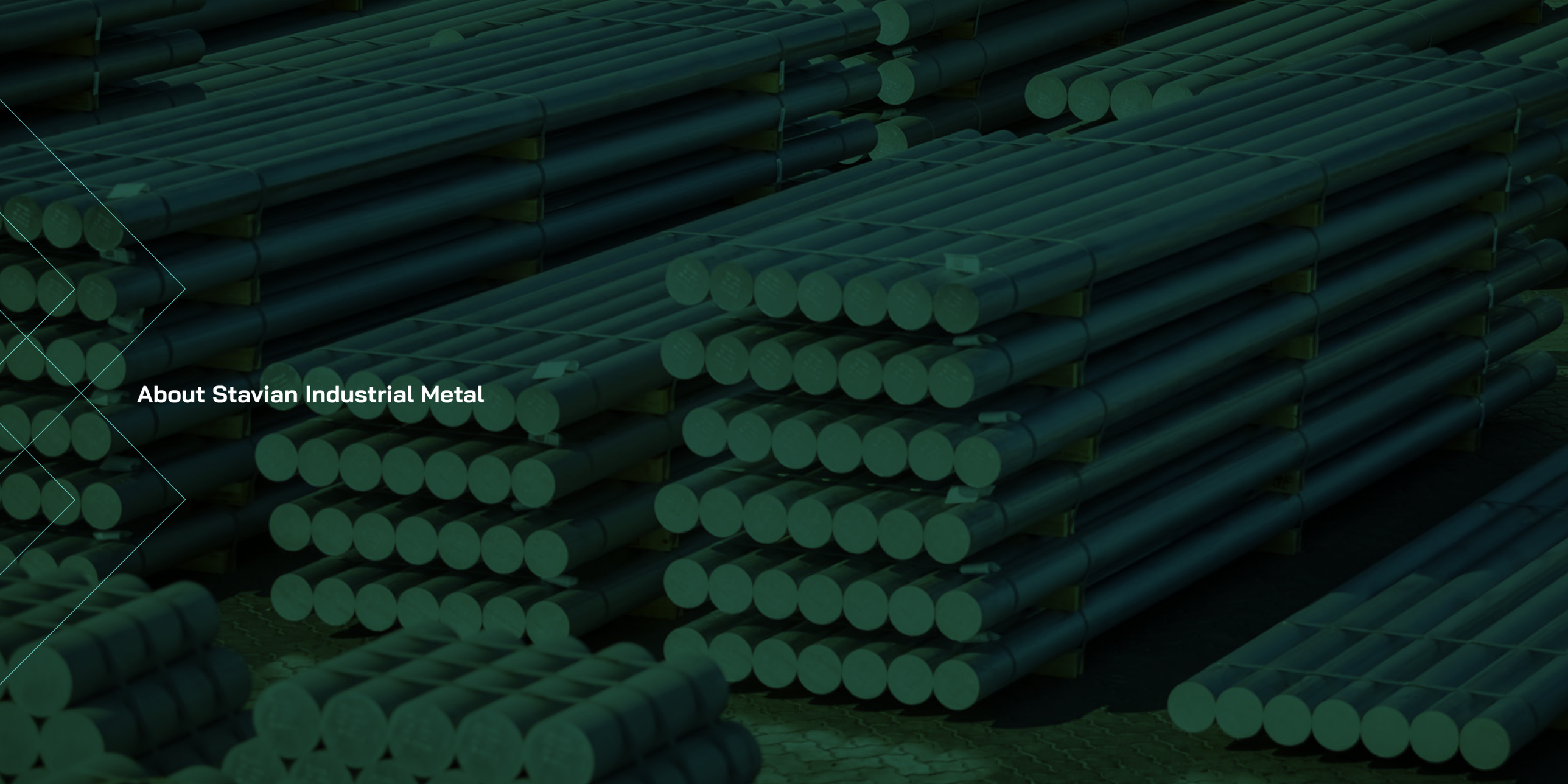
Content

About Stavian Industrial Metal

Aluminum ingot

Aluminum billet

Aluminum extrusions



About Stavian Industrial Metal

1. Company overview

Stavian Industrial Metal Joint Stock Company (abbr. “Stavian Industrial Metal”) is proud to be a member of Stavian Group – leading infrastructure enterprise with four pillars: Industry, Technology, Energy, and Trade.

Stavian Group – A multi-national industrial company

Founded in
2009

Revenue
USD 2.8 Billion (2025)

Extensive global network
⩾ 20.000 ++ partners & customers worldwide

Market
⩾ 100 countries & territories

Global facilities
⩾ 30 Global offices
⩾ 40 Logistics centers

⩾ 10 Manufacturing facilities
5 Industrial zones & Digital parks

With a robust financial foundation and distinctive expertise, Stavian Industrial Metal positions itself as a comprehensive solutions provider in industrial metal trading for both domestic and international clients.

Inheriting a strong distribution network and reputable partnerships in over 100 countries with 30 branches globally from the Stavian Group, coupled with a state-of-the-art nationwide system of offices and warehouses, Stavian Industrial Metal takes pride in being a premier distributor of industrial metal products for clients both within and beyond national borders.

Our company specializes in distributing a diverse range of industrial metal products with certified origins and abundant inventory. This includes four key product lines: Steel, Aluminum, Copper, Zinc.



1. Steel



2. Aluminum



3. Copper



4. Zinc

By 2030, Stavian Industrial Metal aims to become one of the world’s top 10 enterprises in industrial metal processing, manufacturing investment, and trading, while maintaining the No. 1 position in Southeast Asia in green metal trading and carbon credit services.

2. Capabilities

By establishing and maintaining strategic partnerships with large-scale raw material suppliers that have capacities exceeding 01 million tons/year, with integrated production lines and employing cutting-edge technologies, Stavian Industrial Metal is well-equipped to access diverse supply sources with abundant, high-quality inventory at the most reasonable costs.

Notably, our distinctive aluminum product line including aluminum ingots, aluminum billets and aluminum extrusions have met expectations of both local clients and demanding foreign markets such as United States, Canada, and Europe.

Moreover, our 5 comprehensive business models and 25 unique comprehensive solutions promise to deliver superior end-to-end purchasing experiences. This encompasses product quality assurance, optimal payment methods, full-package logistics and swift transportation, to excellent after-sales. Consequently, Stavian Industrial Metal is proudly recognized as an outstanding and professional trading company, capable of rapidly meeting the diverse needs of both domestic and international clients while actively expanding its presence in the global market.





ALUMINUM INGOT

1. Product information

Stavian Industrial Metal.,JSC provides high-quality aluminum ingots, including primary aluminum ingots, alloy aluminum ingots, and recycled aluminum ingots.

All products supplied by Stavian Industrial Metal.,JSC have a certified origin and are trusted by both domestic and international markets.

2. Product features

Aluminum ingot is produced through the electrolysis process of aluminum oxide in bauxite or by melting aluminum scrap at high temperatures. Subsequently, it is shaped using molds to form solid aluminum ingots.

These molds come in a variety of sizes and shapes, so the ingots also have different types in appearance.

Aluminum ingots are widely used for rolling, extruding & shape casting.

Categories	Details
Grade	• Al99.90 / Al99.85 / Al99.70 / Al99.60 / Al99.50 / Al99.00 / Al99.7E / Al99.6E • Al (Min) 99%-99.9% • Other: Al96 or ADC-6, ADC-12 / A-413, A360...
Color	• Silvery-white
Shape/ Weight	Each aluminum ingot weighs approximately 20 - 25kg or depending on the standards of each manufacturer.

3. Specifications

Stavian Industrial Metal offers various types of aluminum ingots, classified based on the pure aluminum content and different metal alloy compositions, suitable for desired characteristics and purposes.

The specification is presented in the table below:

Some primary ingot Grades	Chemical composition %			
	Al%	Other elements		
		Si%	Fe%	Others
P0405A-P0406A-P0507A-1015A	99,88-99,92	0,04-0,1	0,05-0,15	Dependent on each grade
P0406A-PP0506A-P0507A-P0601A-1015A	99,83-99,87	0,04-0,1	0,06-0,15	Dependent on each grade
P0610A-P1015A-P1020A-1520A	99,78-99,82	0,06-0,15	0,07-0,2	Dependent on each grade
P1015A-P1020A-P1520A	99,73-99,77	0,1-0,5	0,15-0,20	Dependent on each grade
Other grades	Recycled ingots or customized alloy ingots according to clients' requirements.			

4. Packaging

Aluminum ingots are packaged according to size and weight specifications determined by each manufacturer.


ALUMINUM BILLET

1. Product information

Aluminum billet refers to semi-finished alloys made of aluminum, typically in a cylindrical shape. It is produced through a process called casting, where molten aluminum is poured into a mold or forced through a die to obtain the desired shape & sizes.

Stavian Industrial Metal provides a variety of aluminum alloy billets of diverse types & sizes, serving the extrusion industry domestically & also internationally.

Our products are sourced from reputable and large-scale factories worldwide, meeting all technical standards and export requirements.

2. Product features

The aluminum billet production process usually includes 4 steps to turn raw aluminum materials into semi-finished products as follows: raw material selection, melting and alloying, mold casting and cooling.

The choice of raw material depends on factors such as cost, desired alloy composition and availability.

During the smelting process, if the desired alloy composition requires additional elements, alloying elements such as copper, magnesium, silicon or zinc may be added. Alloying elements are carefully measured and added to achieve the desired alloy composition and specific properties.

Molten aluminum is poured into the mold to form the shape and size of the mold cavity. Natural air cooling or water quenching can then be used to control the cooling rate of the aluminum and ensure uniform hardness throughout the work piece.

3. Specifications

Stavian Industrial Metal provides a variety of aluminum billets, including 1000 series, alloy series of 3000, 5000, 6000, 7000 etc.

Series	Specifications	Application
1000 series	1000 series aluminum billets are usually referred to as pure billets, including aluminum with a purity of 99% min.	They take extremely well to welding and is the most weldable of all aluminum alloys.
3000 series	Alloys of this series, such as 3003 and 3105, have moderate strength, good formability and excellent corrosion resistance.	They are used in applications such as roofing, siding, heat exchangers and general sheet metal processing.
5000 series	Alloys such as 5052 and 5083 in this series have good corrosion resistance, moderate strength, and excellent formability.	They are commonly used in marine applications, transportation and architectural components.
6000 series	This series, which includes alloys such as 6061 and 6063, is well known for its excellent strength-to-weight ratio, corrosion resistance and weldability.	It is widely used in applications such as structural components, frames, extrusions and auto parts.
7000 series	Alloys in this series, such as 7075, shows high strength & excellent machinability.	They are used in the aerospace, automotive and sporting goods industries, where strength and toughness are important.



Some standard alloy components :

Grade	Al %	Si %	Fe %	Cu %	Mn %	Mg %	Cr %	Zn %	Ti %	Ni%	Pb
A6061	>97,9	0.2 - 0.6	<0.35	<0.1	<0.1	0.45 - 0.9	<0.1	<0.1	<0.1	<0.01	<0.01
A6063	>98,9	0.4 - 0.8	<0.35	0.15 - 0.4	<0.2	0.8 - 1.2	0.35	<0.25	<0.15	<0.01	<0.01
A6005A	>98,9	0.6 - 0.9	<0.35	<0.1	<0.1	0.4 - 0.9	<0.1	<0.1	<0.1	<0.01	<0.01
Series 7000	87 - 97	0.2 - 0.6	<0.15	<0.2	<0.05	0.45 - 0.9	<0.1	<0.1	<0.1	<0.01	<0.01

Size of aluminum billet:

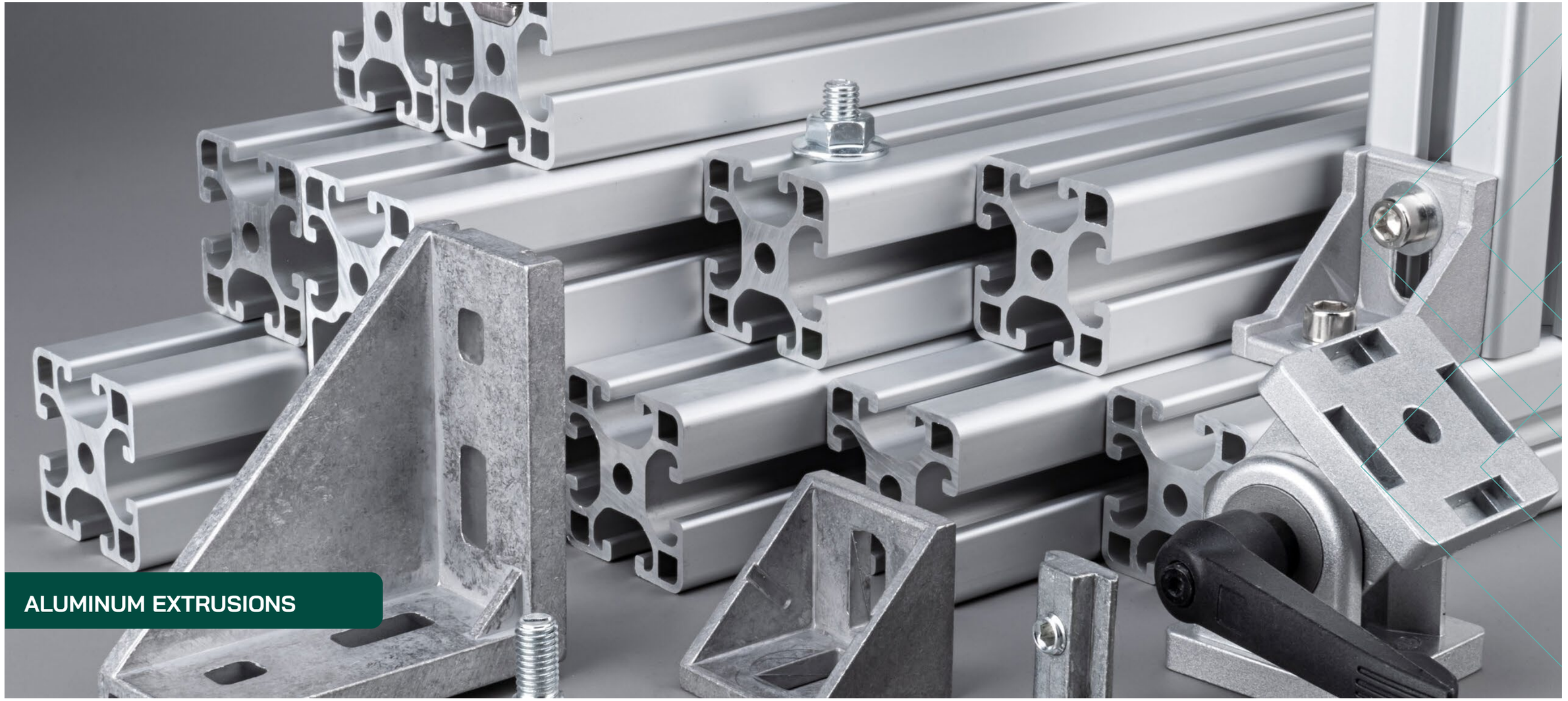
Diameter	3'' – 4'' – ... 12''
Length	5800mm / 6000mm

Notice:

It is important to note that, depending on each client's specific requirements, meeting their output products, we can tailor-make the billets if the quantity is sufficient.

4. Packaging

Aluminum billets are packaged according to the size and weight specifications of each manufacturer..



ALUMINUM EXTRUSIONS



1. Product information

Stavian Industrial Metal provides a variety of aluminum extrusion products, which are widely used in fields such as aerospace, transportation, new energy vehicles, marine ships, military equipment, power, radiators, photovoltaics (solar system), robotics, healthcare equipment, interior and exterior furniture...

Extruded aluminum products are characterized by light weight, corrosion resistance, good electrical conductivity, heat transfer function, high aesthetics.

The extruded aluminum products distributed by Stavian Industrial Metal strictly comply with international standards, meeting client satisfaction not only in the local market but also in foreign markets such as the United States, Canada, the EU, etc.

We also offer OEM/ODM services, designing according to customer needs with competitive costs and large production capacity.

As one of the most reputable aluminum suppliers, Stavian Industrial Metal is fully aware of its role in contributing to the construction of a low-carbon society and global transformation trends. We always strive our best for the sustainable development of the industry and the entire community.

2. Specifications

CATEGORIES	DETAILS
Extrusion capacity	~ 70.000 tons/year
Surface treatment	Powder coating, anodizing...
Processing & synchronous aluminum	CNC Cutting, drilling, punching, crimping, blending ... (and more finished doors, windows, curtain wall, façade etc)
Billet types	6005, 6063, 6061... (Heat treatment: T5, T6...)
Quality standards	JIS, EN, ASTM...
Management system standards	ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

3. Packaging

Stavian Industrial Metal provides standard packaging services for extruded products, or can also be customized based on customer requirements

Our network

STAVIAN INDUSTRIAL METAL JOINT STOCK COMPANY

HEADQUARTER

6th floor, No. 508 Truong Chinh Street, Kim Lien Ward, Ha Noi City, Vietnam.

HAI PHONG BRANCH

6th floor, Thanh Dat 1 Tower, No. 3 Le Thanh Tong Street, Ngo Quyen Ward, Hai Phong City, Vietnam.

SOUTHERN BRANCH

12Ath floor, Vincom Center Dong Khoi, No 72 Le Thanh Ton, Saigon Ward, Ho Chi Minh City, Vietnam.

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