

ALUMINIUM PROFILE CATALOGUE



Discover KOÇMET's aluminium profile technologies, advanced manufacturing capabilities and tailor-made solutions. From extrusion and precision machining to surface treatment, assembly and packaging, we provide reliable and high-quality solutions for a wide range of industries.



KOÇMET provides reliable and high-quality solutions for various industries with its expertise in aluminium profile production and precision metal processing. Our custom-developed profiles are used in architectural systems, machinery, transportation, energy and industrial applications.

From design and tooling to extrusion, CNC machining, surface treatment and packaging, we manage every stage with great care. With our modern production infrastructure, experienced team and strong export capabilities, we focus on quality, on-time delivery and long-term business partnerships.

Gizem Merve METİN

Ceo - KOÇMET A.Ş.



A BRIEF STORY ABOUT THE COMPANY

PRODUCTION
FACILITY

About Us

KOÇMET supplies standard and custom-designed aluminium profiles for the needs of various industries. Developed in line with technical drawings and project requirements, our profiles are used in architectural systems, machinery and industry, transportation, energy and interior applications.

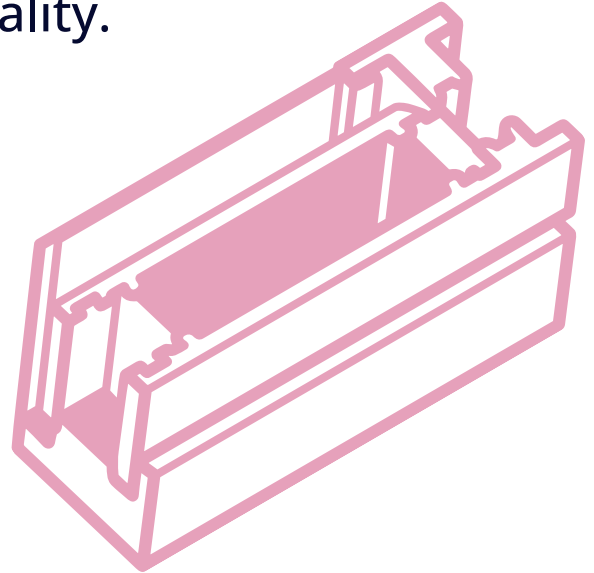
We apply precision machining operations such as cutting, drilling, milling, slotting and threading to aluminium profiles, delivering ready-to-use components. We also provide semi-finished or fully assembled profile solutions by integrating accessories, fasteners and other components.

From profile development and surface treatment to machining, assembly and packaging, we manage each stage according to customer requirements and deliver high-quality, reliable and shipment-ready products.

VISION

To become a trusted international solution partner in aluminium profile technologies by combining engineering expertise, advanced manufacturing capabilities and consistent quality.

MISSION



01

CUSTOM SOLUTIONS

To develop aluminium profiles tailored to customer drawings, technical requirements and project needs.

02

PRECISION MANUFACTURING

To deliver ready-to-use components through accurate cutting, CNC machining, drilling, milling and threading operations.

03

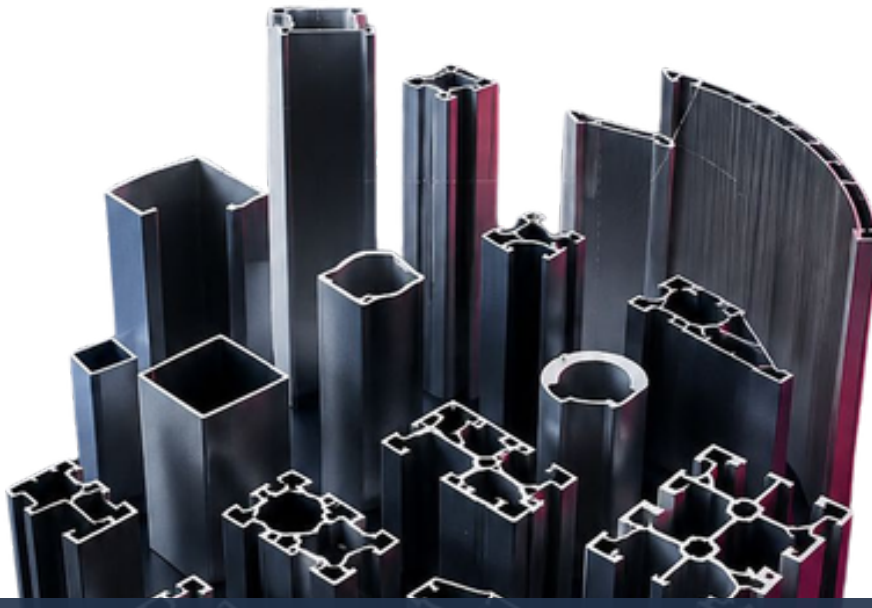
INTEGRATED PRODUCTION

To provide semi-finished and assembled products by combining profiles with accessories, fasteners and complementary components.

04

RELIABLE DELIVERY

To ensure consistent quality, efficient production, secure packaging and on-time delivery for domestic and international customers.



KEY CAPABILITIES

WE COMBINE QUALITY, ENGINEERING EXPERTISE, PRECISION MACHINING AND RELIABLE DELIVERY IN ALUMINIUM PROFILE SOLUTIONS.

01

DESIGN

Custom profiles developed to meet project requirements.

02

MACHINING

Precise cutting, drilling, milling and CNC operations.

03

FINISHING

Anodizing and powder coating surface options.

04

ASSEMBLY

Semi-finished and ready-to-use assembled products.

05

QUALITY

Dimensional, surface and functional product inspections.

06

DELIVERY

Secure packaging and reliable on-time shipment.



RAW MATERIALS AND ALLOYS

MATERIAL SELECTION FOR ALUMINIUM PROFILES

The primary raw material used in aluminium profile production is heat-treatable 6000-series aluminium billet containing magnesium and silicon. The Mg_2Si phase formed by these alloying elements provides strength, formability, weldability and corrosion resistance.

Alloy selection is based on profile geometry, load requirements, surface expectations, machining needs and service conditions. Profiles can be supplied in T5, T6 or T66 tempers to achieve the required hardness and mechanical properties. Chemical composition, mechanical values and dimensional tolerances are evaluated according to the relevant EN standards.

ALUMINIUM ALLOYS

APPLICATION-BASED ALLOY OPTIONS

Our main extrusion alloys are selected according to the required surface quality, mechanical strength and intended application.

EN AW-6060 / 6063

Excellent surface quality and extrudability. Suitable for architectural profiles, façade systems, doors, windows and decorative applications.

EN AW-6061

Offers good mechanical strength, weldability and corrosion resistance. Suitable for machine parts, automation systems, structural profiles and machined components.

EN AW-6082

High strength and good machinability for load-bearing components, machined parts and demanding industrial applications.

EN AW-6005A

Higher mechanical strength for machine profiles, structural systems and transportation applications.



PRODUCT OVERVIEW



ALUMINIUM PROFILE SOLUTIONS

KOÇMET offers standard and custom-designed aluminium profiles for architectural and industrial applications. Our product range is developed according to technical requirements, functional expectations and project-specific needs.



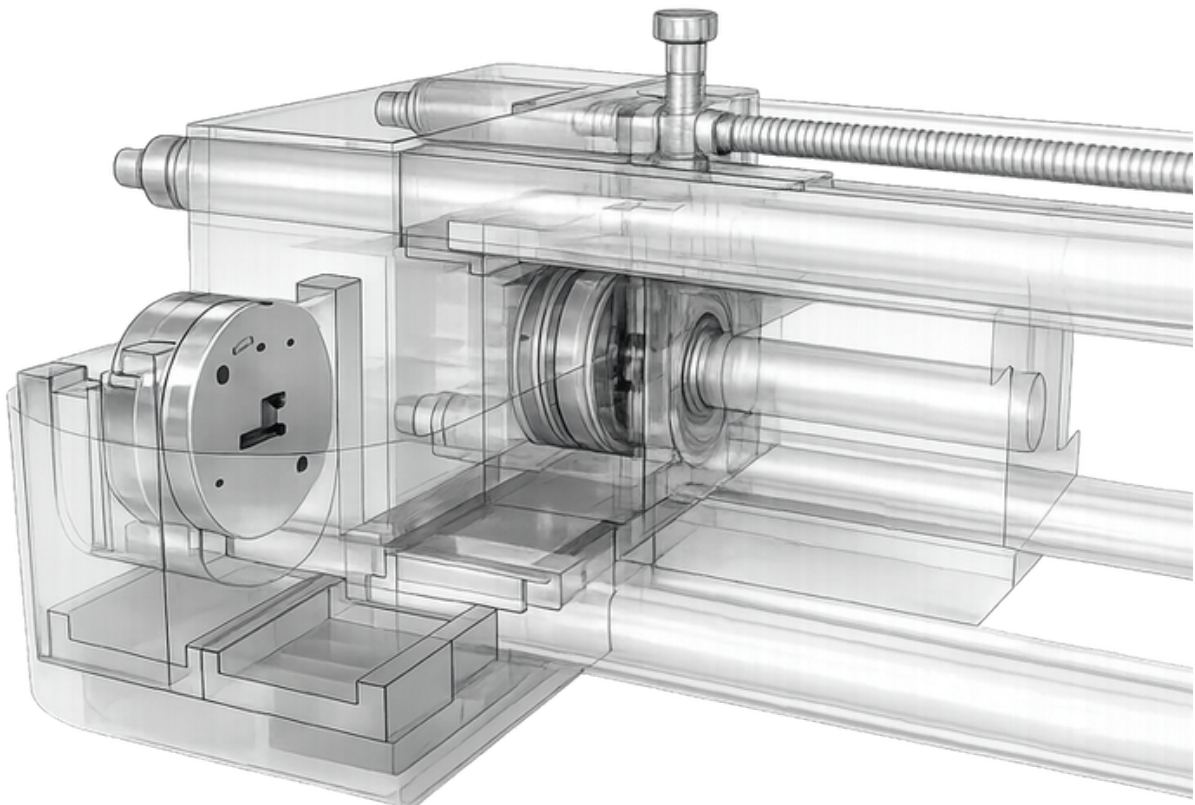
ARCHITECTURAL APPLICATIONS

Profiles for façade systems, doors and windows, glass balconies, office partitions, sunshades, handrails and interior applications.



INDUSTRIAL APPLICATIONS

Profiles for machinery, automation, transportation, cooling, ventilation, furniture and custom-engineered applications.





ALUMINIUM PROFILE CATEGORIES

Our product range is organised according to profile geometry, application area and system requirements.

01

STANDARD PROFILES

Angle, box, solid bar, U-channel, T-trim, flat and tube profiles.

02

DOOR & WINDOW SYSTEMS

Door and window, automatic door, insect screen, shutter and sliding system profiles.

03

ARCHITECTURAL SYSTEMS

Facade, glass balcony, office partition, sunshade, handrail and polycarbonate profiles.

04

INTERIOR & DECORATIVE

Shower enclosure, furniture, carpet trim, decorative, advertising and awning profiles.

05

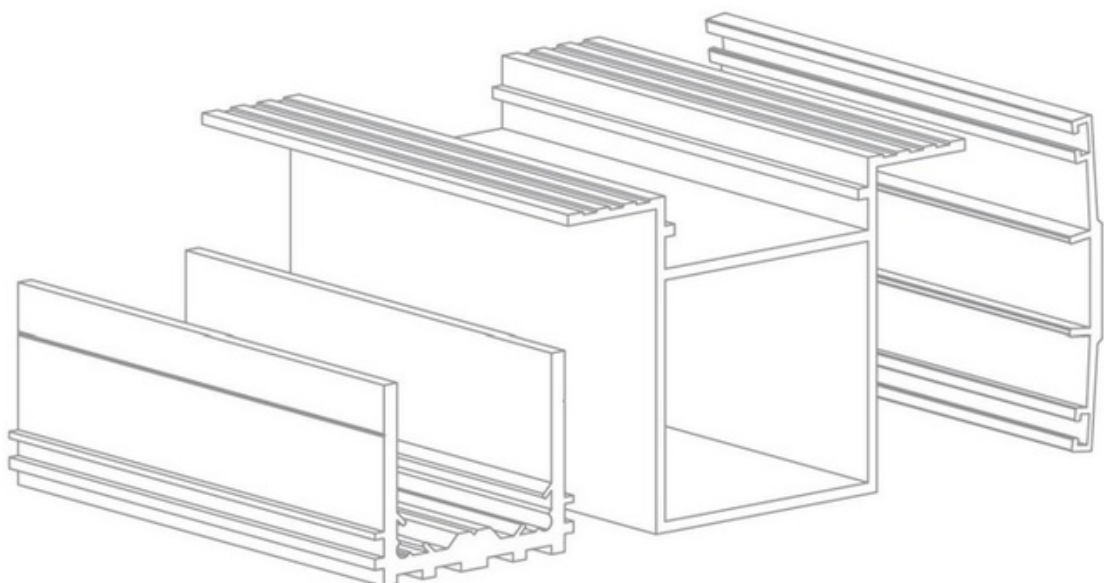
INDUSTRIAL PROFILES

Machinery, cooling, ventilation, connection, auxiliary and custom industrial profiles.

06

SPECIAL SYSTEM SERIES

TUBA, 2000 Sliding, Cyprus Sliding, İzmir Sliding, C60 and Flat Aldoks profile series.



SURFACE FINISHES

Aluminium profiles can be supplied with different surface finishes according to application requirements, environmental conditions and visual expectations.

MILL FINISH

Profiles are supplied with their natural aluminium surface after extrusion. Suitable for products that will be machined, assembled or coated at a later stage.

ANODIZING

Creates a protective oxide layer that improves corrosion and wear resistance. Available in natural, bronze, black and other colour options.

POWDER COATING

Available in RAL colours with different gloss and texture options. Provides a durable and long-lasting finish for architectural and decorative applications.

PRECISION MACHIN-ING

SECONDARY OPERATIONS FOR ALUMINIUM PROFILES

Aluminium profiles can be processed according to technical drawings and supplied as semi-finished or ready-to-assemble components.



CUTTING & DRILLING

PRECISION LENGTH CUTTING, HOLE DRILLING, COUNTERSINKING AND SLOT OPERATIONS ACCORDING TO SPECIFIED DIMENSIONS.



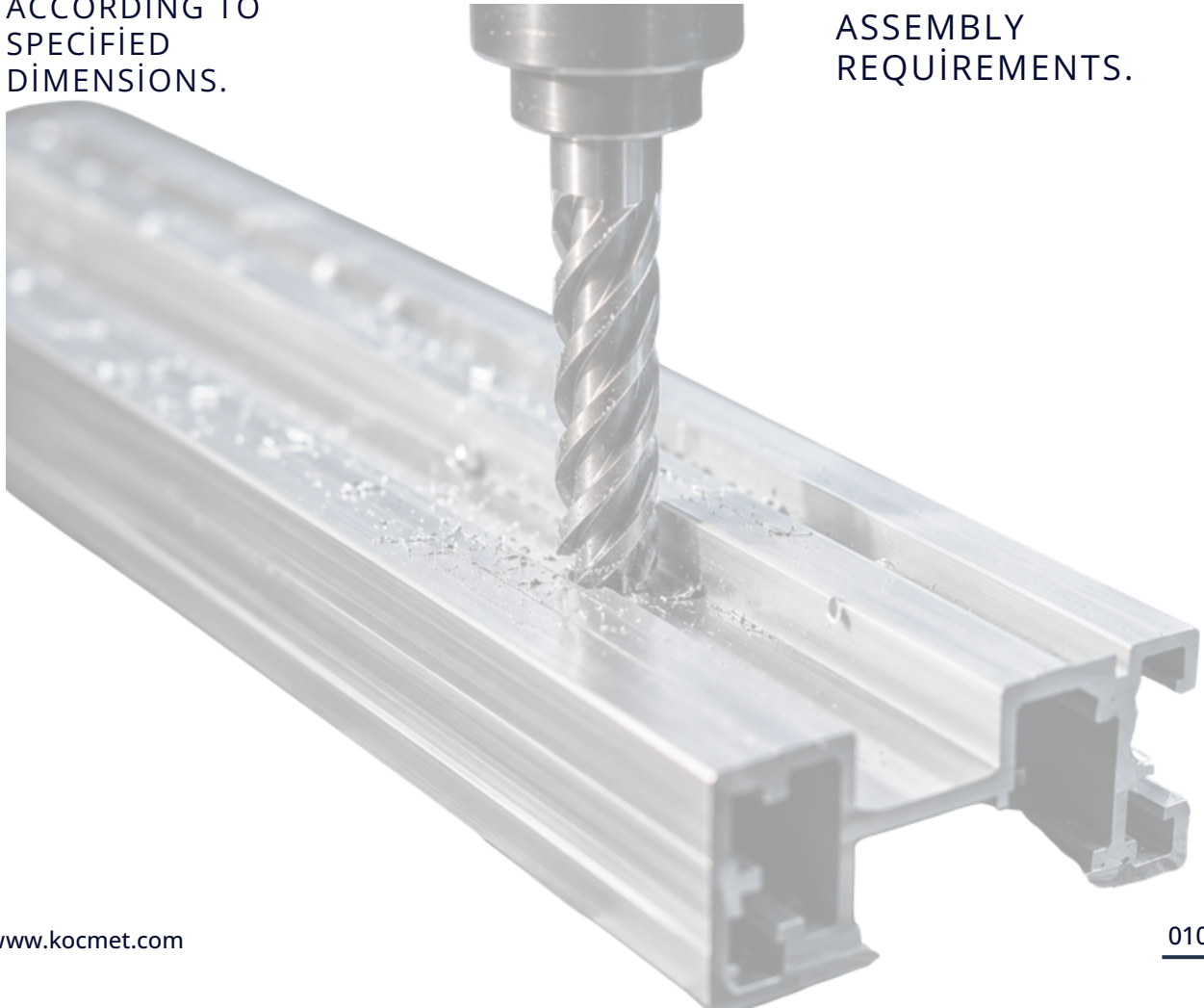
CNC MACHINING

MULTI-AXIS CNC MILLING, SLOTTING AND POCKET MACHINING..



THREADING & FORMING

THREAD CUTTING, TAPPING, PRESSING AND FORMING OPERATIONS FOR CONNECTION AND ASSEMBLY REQUIREMENTS.



GLOBAL REACH

INTERNATIONAL SALES AND DELIVERY NETWORK

KOÇMET delivers aluminium profiles and machined components to customers across Europe and Central Asia. Product-specific packaging, transport planning and delivery processes are managed according to order volume, product characteristics and destination.

Our logistics solutions include partial-load shipments, full-truck deliveries and flexible delivery models.



EXPORT NETWORK

16+
COUNTRIES

Europe and Central
Asia

ROAD TRANSPORT

LTL & FTL

Partial and full-truck
shipments

SECURE DELIVERY

**CUSTOM
PACKAGING**

Product-specific protection

• Germany • Switzerland • France • Austria • Poland • Denmark • Netherlands
• Italy • Belgium • Liechtenstein • United Kingdom • Bulgaria
• North Macedonia • Azerbaijan • Uzbekistan • Turkmenistan

THANK YOU

ENGINEERED FOR QUALITY. DELIVERED WITH
CONFIDENCE.

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