Metal Outsource
Consulting & Production

PRECISION METAL MANUFACTURING

Your global manufacturing partner.

CNC machining. Sheet metal fabrication.
Welding & assembly.

COMPANY PROFILE & CAPABILITIES



MANUFACTURED IN TÜRKİYE

01 / COMPANY

Metal expertise.

Metal Outsource combines production and sales expertise to supply metal components to customers worldwide. Our manufacturing capabilities in Türkiye cover machining, turning, sheet metal fabrication, stamping, welding and assembly.

We focus on practical engineering, efficient production and dependable delivery. Lean manufacturing principles help reduce scrap, production time and unnecessary resource use.

METAL OUTSOURCE

Manufacturing expertise

Process knowledge across multiple metalworking operations.

Global collaboration

Production and sales working together around customer requirements.

02 / OUR APPROACH

Built around your requirements.

01

Our mission

Deliver reliable components through controlled production, suitable raw materials, in-process measurement and protective packaging.

02

Our vision

Build long-term global partnerships through consistent quality, timely delivery and continuous improvement.

03

Our goal

Improve competitiveness while reducing waste and resource consumption across metal component production.

15+	500M+	100+	15%
Export countries	Products produced	Customers	Turnover reinvested

03 / PRECISION COMPONENTS

CNC machining & turning

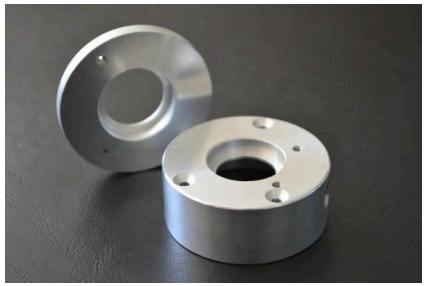
Precision turned and machined parts in a range of geometries, from threaded components and shafts to bushings and custom profiles.

CAPABILITIES

Multi-axis turning
Swiss-type machining
Drilling, tapping & milling



01 / COMPONENT EXAMPLE



02 / COMPONENT EXAMPLE



03 / COMPONENT EXAMPLE



04 / COMPONENT EXAMPLE



05 / COMPONENT EXAMPLE



06 / COMPONENT EXAMPLE

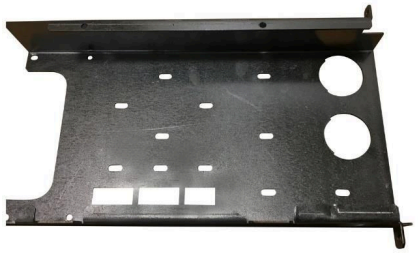
04 / FORMED COMPONENTS

Sheet metal fabrication

Formed metal components for brackets, panels, housings and structural applications, produced to customer requirements.

CAPABILITIES

Sheet metal forming
Punched features
Fabricated parts



01 / COMPONENT EXAMPLE



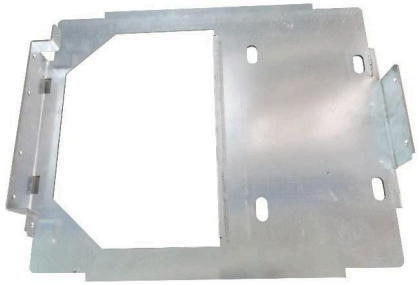
02 / COMPONENT EXAMPLE



03 / COMPONENT EXAMPLE



04 / COMPONENT EXAMPLE



05 / COMPONENT EXAMPLE

05 / PRESSWORK

Stamping

Stamped components with punched holes, formed features and repeatable profiles for volume production.

CAPABILITIES

Eccentric press operations
Formed brackets & clips
Stamped metal components



01 / COMPONENT EXAMPLE



02 / COMPONENT EXAMPLE



03 / COMPONENT EXAMPLE



04 / COMPONENT EXAMPLE



05 / COMPONENT EXAMPLE

06 / JOINED COMPONENTS

Welding & assembly

Welded and assembled metal components that bring individual parts together into functional products.

CAPABILITIES

Welded brackets
Multi-part assemblies
Fabricated metal structures



01 / COMPONENT EXAMPLE



02 / COMPONENT EXAMPLE



03 / COMPONENT EXAMPLE



04 / COMPONENT EXAMPLE

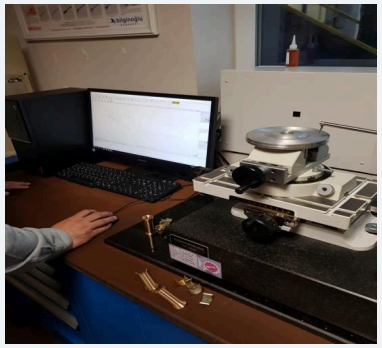


05 / COMPONENT EXAMPLE

07 / QUALITY

Confidence through measurement.

In-process checks and final inspection support conformity to customer requirements.



In-process measurement

Checks between production operations help identify deviations early and reduce defects.



Final inspection

Inspection before dispatch helps verify that finished parts meet the specified requirements.



Measurement equipment

Dedicated measuring devices support consistent inspection throughout production.

08 / FACILITY

Equipment that supports production.

QTY	EQUIPMENT	CONFIGURATION
9	CNC lathes	4-6 axes; robot automation
13	CNC Swiss-type lathes	5-9 axes; automatic bar feeders
1	CNC tapping center	
2	Swiss-type lathes	
2	Automatic lathes	
5	Turret lathes	
2	Universal lathes	
1	Milling center	
8	Eccentric presses	
1	NC EDM machine	
1	NC surface grinder	
5	Thread rolling machines	M2.5-M30







PRODUCTION RESOURCES

Multi-process capabilities for a range of metal components.

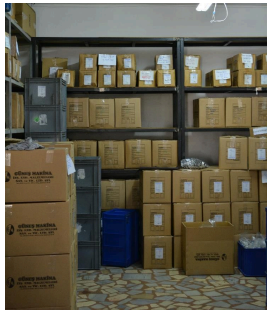
09 / PARTNERSHIP

From process choice to dispatch.

01

Technical experience

We help identify a suitable production route for each component, considering its geometry, required operations and manufacturing needs.







02

Dependable delivery

Agreed delivery dates, protective packaging and careful dispatch planning support reliable supply to our customers.

A practical focus on quality, production efficiency and long-term cooperation.

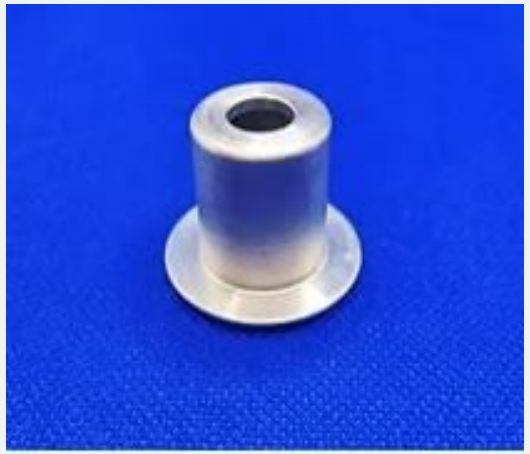
10 / APPLICATION FOCUS

Details make the difference.

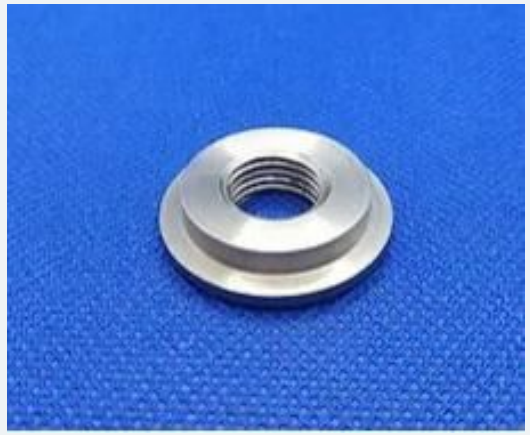
Component geometry and process selection work together to support reliable manufacturing.



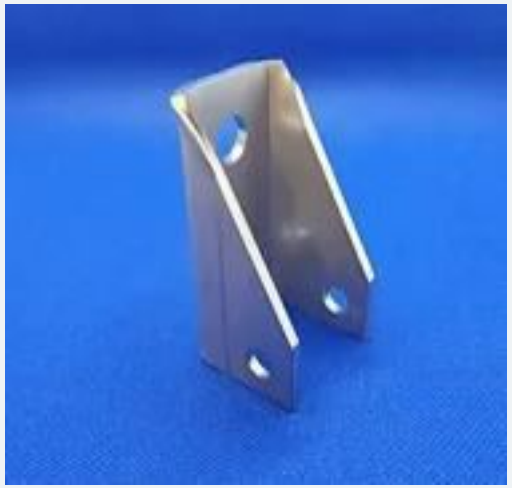
Threaded features



Turned profiles



Rotational geometry



Formed details

Better use of resources.

Continuous improvement begins with how we work, what we use and what we leave behind.

01 **Material efficiency**

Reduce scrap through practical process planning.

02 **Energy awareness**

Seek lower energy consumption in production.

03 **People & learning**

Support technical knowledge and education.

04 **Innovation**

Improve processes and encourage responsible manufacturing.

Let’s build your next component.

Talk to us about your metal component requirements.

SALES & ENQUIRIES

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