



**BRK**  
INVESTMENT CASTING - FEINGUSS  
HASSAS DÖKÜM

ISO 9001 : 2008 CERTIFICATED

**BRK Metal** offers its domestic and foreign customers precision casting metal piece manufacture from 1gr to 25kg, from 1mm to 400mm with the state-of-art machinery infrastructure through investments made in Precision Casting Industry since 2007.

**BRK Metal** working as customer-oriented with young and skilled staff has proved that it is a reliable supplier with deliveries it realized in time and smoothly, by manufacturing for its customers cost-effectively without compromising from the quality. It gained satisfaction of many customers with ISO 9001:2008 manufacturing principle and succeeded to attract more interest of firms that do not know and use the precision casting (wax casting) with ever-changing technological infrastructure investments.



**BRK METAL SAN.TİC.SAN.LTD.ŞTİ**

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*BRK METAL* as an Investment Casting foundry running about 500m<sup>2</sup> closed area with 10 workers and 3 sales person (English, German, Dutch speaking).

Current casting capacity is 100TN per year for steel and stainless steel materials.

Beside serving customers on castings also provides machining and coating services for the demanded parts.



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## Current Machinery Park

**COATING ROOM:** 3 PCS.SLURRY MIXER,2 PCS. SAND BLOWER,1 PCS. RAINFALL SANDER.

**WAX ROOM :** 2 HEAD 10 TONS WAX INJECTION PRESS , 1 PCS 15 TONS WAX INJECTION PRESS AND WAX ASSEMBLING EQUIPMENTS.

**WAX RECLAIMING UNITS:** 2 PCS DEWATERING , 1 PCS MIXING UNIT.

**AUTOCLAVE UNIT:** COMPACT 10 BAR WATER STEAMER + DEWAXING UNIT

**CASTING UNIT:** 150 KG INDUCTION AIR MELT FURNACE

**SHELL MOLD SINTERING UNIT:** NATUREL GAS 1 BRULOR SYSTEM, MAX 1200 C DEG.

**SAND BLASTING:** 1 PCS. STEEL BALL AUTOMATIC SAND BLASTING MACHINE , 1PCS MANUEL HAND ALUMINA SAND BALSTING MACHINE.

**FINISHING ROOM:** 2 PCS SANDPAPER ROLLER ,2 PCS VERTICAL STONE CUTTER ,5 PCS. BIG HANDY CUTTERS , 2 PCS SMALL HANDY CUTTERS , 1 PCS MILLER ARGON WELDING MACHINE.

**KNOCK OUT ROOM:** 1 PCS KNOCK OUT MACHINE

**SPECTROMETER:** 1 PCS ULTRA VIOLE OPTICAL EMISSION SPECTROSCOPY

**BRK METAL SAN.TİC.SAN.LTD.ŞTİ**

**ISO 9001:2008**

Quality Management

**ISO 10002:2004**

Customer Satisfaction

**OHSAS 18001:2007**

Occupational Health and Safety  
Management System

**Quality never ends...**

BRK Metal production processes take ISO 9001:2008 quality management system as a reference and produce in conformity with customer specifications.

Every stage of manufacturing is under control with quality assurance system our firm formed.

Products produced are controlled with destructive and non-destructive inspections in line with customer request and quality control processes.



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# ***Still Many Industrial Facilities are aware of Investment Casting Advantages Here are some infos...***

## ***Investment Casting Design Advantages***

- Provides greater design flexibility
- Provides greater detail
- Near net shape
- Greater alloy selection to enhance part performance
- Surface finishes quality
- Close tolerances , **VDG P 690 D1**
- Investment casting results in weight reduction

## ***Investment Castings Cost Advantages***

- Lost wax casting provides near net shape lowers material usage
- Reduce material costs
- Investment casting reduces expensive machining operations
- Eliminate expensive fabrications and weldments
- Low initial tooling costs
- Economic order quantities ranging from Prototype quantities to Long Production Runs

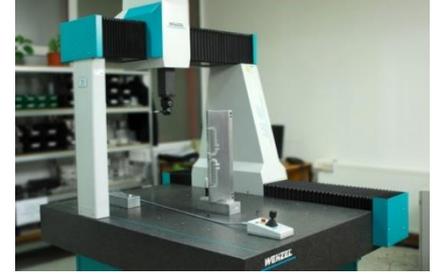


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***Let us help you to make it easy for you..***

Whether you improve a product or innovate a new process, we use the latest technology and methods to ensure total quality control as required by international standards and demanded by our experienced and dedicated team.



Whether you need a simple layout or full 3D to CAD comparison, no problem for us.



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The secret of business is in the details...

We are proud to serve a many range of industries.

**PUMP**



**VALVE**



**AUTOMOTIVE**



**TEXTILE**



**RAILWAY**



**FOOD**



**FARMING**

**MEDICAL**

**LOCK**

**DEFENCE**

**ELECTRICAL**

**BRK METAL SAN.TİC.SAN.LTD.ŞTİ**

# THANK YOU



**BRK METAL SAN.TİC.SAN.LTD.ŞTİ**