

Lüçaslar®



Precision CNC Machining since 1960

UCASLAR is a proud Istanbul Turkey based OEM certified manufacturer of precision CNC machined parts that has earned its undeniable presence in the Earthmoving Equipment, Mining Equipment, Automotive, and Defense Industry.

Immaculately following exact specifications with a value for quality and a meticulous approach towards design and time management has enabled UCASLAR to obtain some of the deepest founded business relations. We work very closely with each and every client to optimize mutual gratification. There is no problem too big for UCASLAR not to challenge it.

Communication is key to success. Supplying some of the most reputable brands in over 35 countries worldwide, UCASLAR is ready to take on any product-related requests and inquiries.



- ALUMINIUM & BRONZE GEARS
- AIR COMPRESSOR GROUP
- BACKHOE LOADER FRAME GROUP
- BOGIE ASSEMBLY GROUP
- BOGIE MINOR, CAP & GUIDE GROUP
- BRAKE GROUP
- COLLET GROUP
- DRIVE GROUP
- DRIVE SHAFTS GROUP
- EQUALIZER BAR GROUP
- ENGINE PARTS
- FAN - SPIDER
- FILTER GROUP
- FUEL LINE GROUP
- FUEL SYSTEM PARTS
- HEAT SHIELD
- HYDRAULICS GROUP
- LIGHT GROUP
- MUFFLER GROUP
- OIL PUMP GROUP
- OIL COOLERS
- PIN & BOGIE PINS GROUPS
- RADIATOR CORES
- RUBBER PARTS
- STRIP (BRONZE) GROUP
- TRANSMISSION GROUP
- TORQUE CONVERTER GROUP
- VARIOUS PARTS & OTHER GROUPS



Bogie Pins, Mechanical Seals, Life-Time Seals

The design of the bogie pins requires Duo-Cone Seals installation. UCASLAR Duo-Cone seals are precision lapped, so lapped metal seal faces are automatically and continually renew itself during the usage. UCASLAR Bogie Pins come with;

- Higher Operational Life
- Self-Renewing Sealing Surfaces
- Leak tested one by one
- Life Tested & Performance Warranted
- Regular Usage & Arctic usage choice



Bogie Minors

Raw materials for the forging process are sourced from the highest quality material manufacturers and metallurgical tested to ensure a superior end product. Each Bogie Minor is manufactured by UCASLAR to ensure the excellent interchangeability, high performance and long life period.



Guides & Caps

Guides and Caps are functioning in the most exhaustive working conditions, extremely solid environments under enormous stresses, sand, dirt, dust and earth material.

- All products are designed & manufactured by UCASLAR qualified staff
- Forging process applied
- Manufactured from the highest quality raw materials
- Reliability Engineered
- UCASLAR is certified by AS9100 Quality, ISO 14001:2015 Environment, QHSAS 18001:2007 Safety management system accreditations

UCASLAR helps you to manage your owning & operating costs and provides lower maintenance cost with long service life.

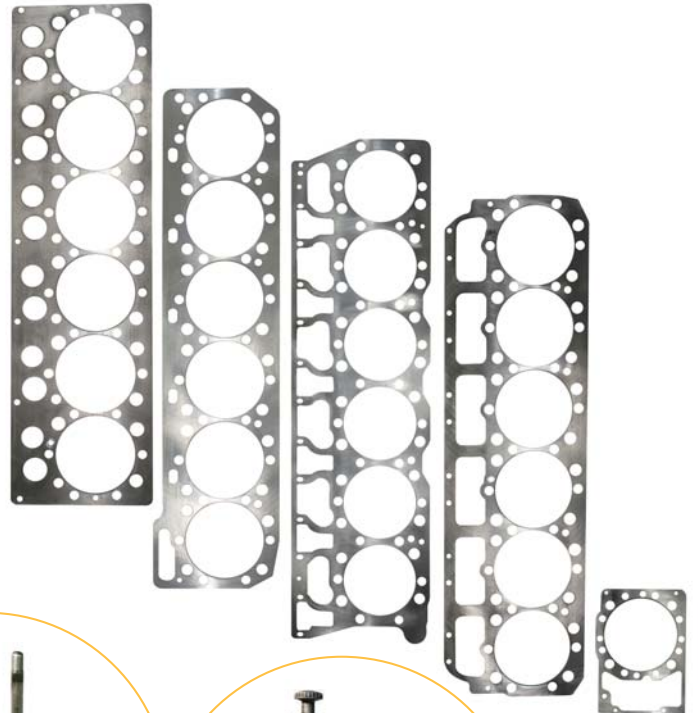


Engine Spacer Plates

Engine spacer plates were designed to reduce stresses on the liner flange, which could cause it to get cracked. Engine spacer plates should always be renewed when overhauling engines, or whenever the cylinder head is removed.

UCASLAR Engine Spacer Plates come with;

- Thickness Tolerance
- Parallelism Tolerance
- Product flexibility to meet clients' modification and oversize requirements
- Standard product quality assurance processes
- Ensuring a superior final product
- Meeting your Machines' and Engines' need for higher performance, long & productive lives and value.



Gears

UCASLAR transmission and final drive gears have a long productive lives.

UCASLAR Gears come with;

- Reliable Performance
- A value-priced repair alternative
- Heat treated for prolonged lifespan
- Standard Surface hardness
- Standard Hardness depth



Pins

UCASLAR manufactures a variety of Pins & Bushings to suit a wide range of OEM earthmoving machines such as Excavators, Dozers, Wheel Loaders, Graders, and Backhoe Loaders etc. used in Construction & Mining sites.

Pins are manufactured from high strength alloy steel and are induction hardened.

Bushings are manufactured from high strength material and case hardened.

The result of this extensive quality standard is extremely tough Pin & Bushing which has more resistance to extreme wear and punishing loads.

UCASLAR Pins come with;

- Heat treated for prolonged lifespan
- Standard Surface hardness
- Standard Hardness depth

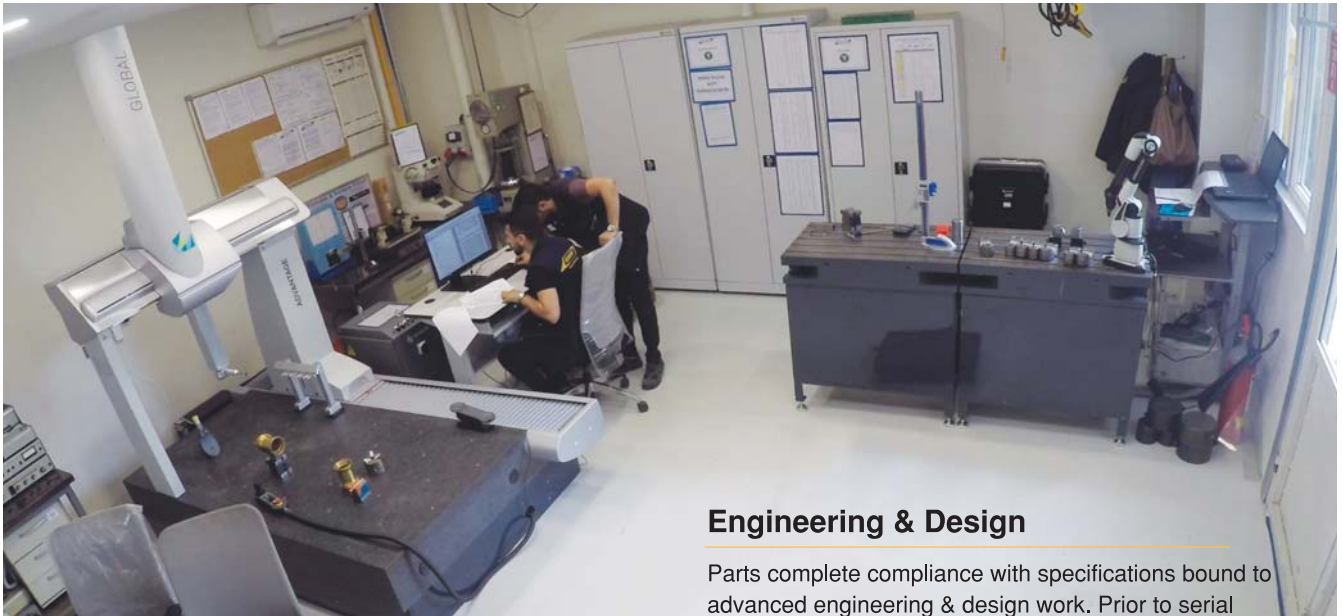
All the experience of working with OEM's for years gained to UCASLAR a big knowledge accumulation of different kind of materials, heat treatment processes and application types to optimize service life to have a longer and harder wearing pins & bushings.



Research & Development

Through internal R&D, UCASLAR has perfected the best formula of component materials and design, manufacturing and assembly techniques. UCASLAR technical team constantly develops and improves new parts that are made of only the highest quality materials and manufactured to OEM specifications.





Quality is Under Control

UCASLAR quality control department thoroughly controls all processes from the material purchasing to the final product. UCASLAR internal quality control makes sure the products taken to the next manufacturing step have passed the quality inspection; this is how the best quality at all production stages is ensured.

Engineering & Design

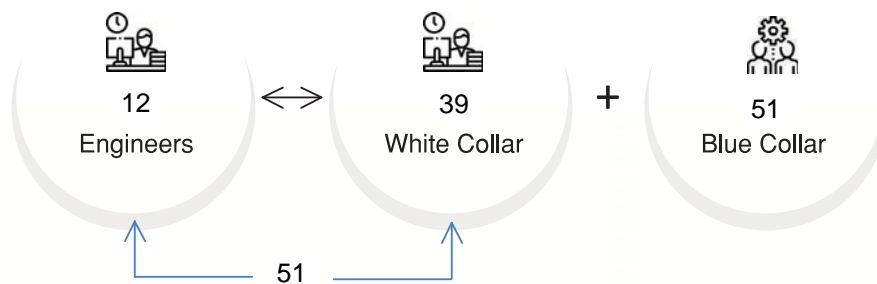
Parts complete compliance with specifications bound to advanced engineering & design work. Prior to serial manufacturing stage UCASLAR gives as much time as necessary to design or engineering process with high precision measuring devices.

Traceability

Every part manufactured at UCASLAR is uniquely coded to enable monitoring and traceability on all production stages from design to the finished product.

Employee Distribution

102 Employees



Quality Management Systems



AS9100D

Quality Management System - Requirements for Aviation, Space and Defense Organizations



ISO 9001:2015

Quality Management System



ISO 14001:2015

Environment Management System



ISO 10002:2014

Customer Satisfaction System



QHSAS 18001:2007

Occupational and Safety Management System





EXPORT TO:

6 CONTINENTS

35 COUNTRIES



Üç Aslar İş Makinaları ve Otomotiv Yedek Parçaları San. ve Tic. Ltd. Şti.

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