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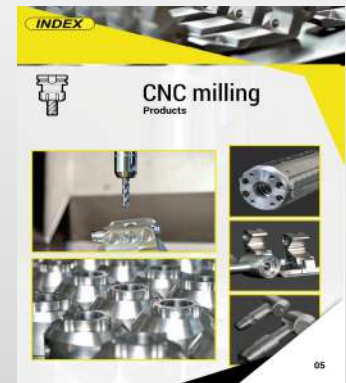
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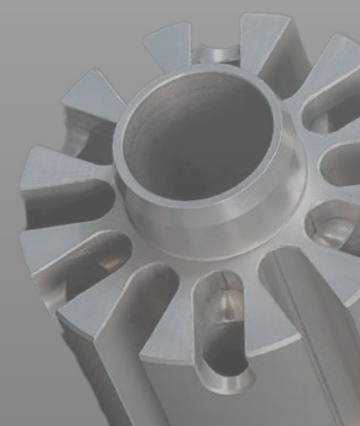
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About Us

Company INDEX Ltd. Gračanica was founded in 1985 with machine metal processing as its primary business activity. INDEX Ltd. positioned itself on the market as a company with great possibilities of executing highly sophisticated tasks, which was confirmed by many successful projects.

As the time was passing, INDEX Ltd. Gračanica has gradually involved itself into more precise machine industry, especially machine metal processing on the most up-to-date CNC machines.

With constant investments and supplying of the most recent tools (cutting, measuring, clipping etc.) we maintain the same level of quality in all our products, which is definitely the main pre-condition for our presence on a very demanding market, domestic as well as foreign.





Time, hard work and enthusiasm were constantly defining the aims of INDEX Ltd. Gračanica, which was constantly growing and making progress.

Our professionalism was recognised by many EU companies, which is why we can say that INDEX Ltd. is actually an export-oriented company (with 70% of its production being exported to the EU countries), which is a great success.



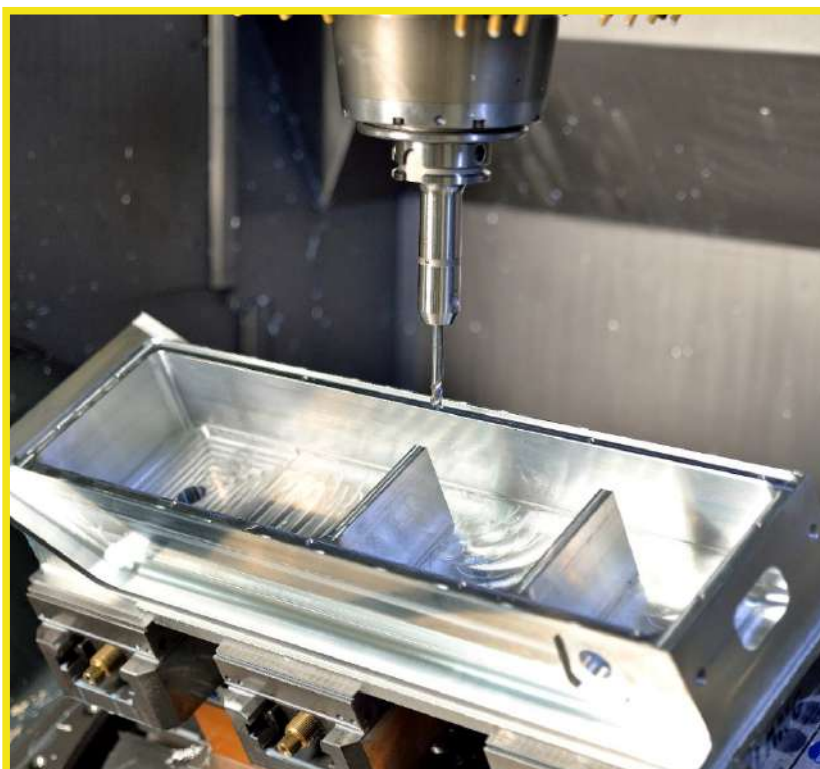
Long-term experience, professionalism, top quality and services are the foundations of our production and follow our business.

Production

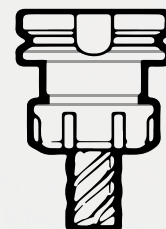
Production of INDEX Ltd. is based on the machine-processing of large and small series of highest quality. Relying on the use of the modern technologies and our great experience in metal processing, we are ready to produce the most demanding elements.

Regardless of the type of materials and the size of series, all our production capacities can be used in order to produce the top quality. At disposal we have state-of-the-art CNC milling and turning centres of the renowned brand DMGMORI.

Using the state-of-the-art measuring equipment, we pay special attention to the control of our products (phase stage, intermediate stage, and final stage control).



CNC milling

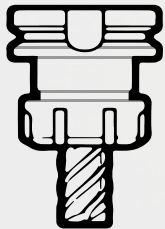


Our production hall is equipped with the most up-to-date 5-axis and 3-axis DMGMORI turning centres.

We have great experience with machine grinding of various materials, especially processing of stainless steel and aluminium.

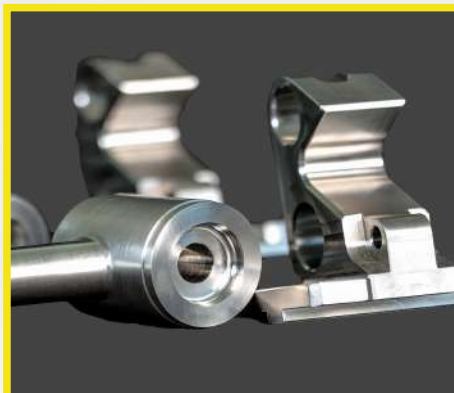
With our knowledge and experience, we are ready to undertake the most complex requests of producing various elements.





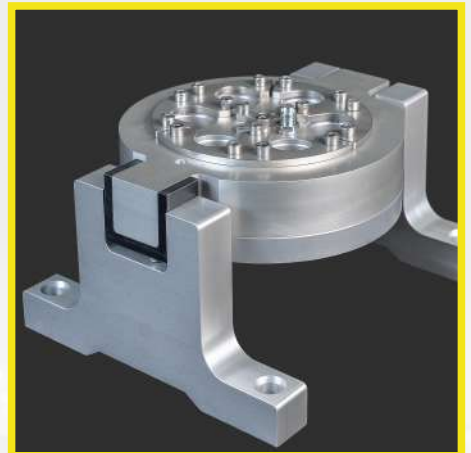
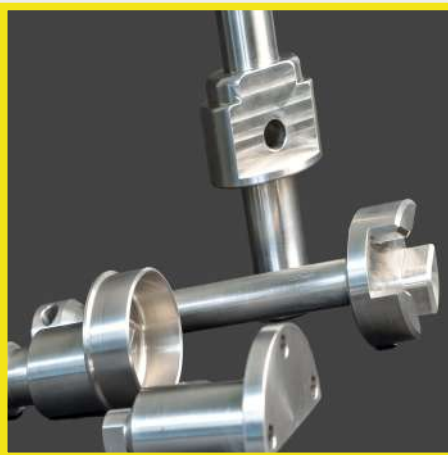
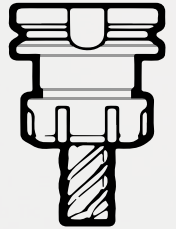
CNC milling

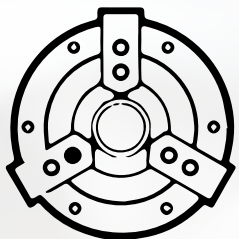
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CNC milling

Products





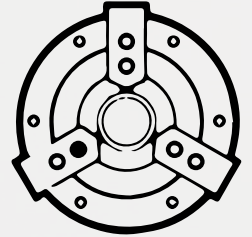
CNC turning

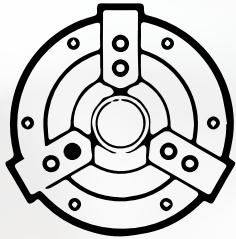
The production hall of our company is equipped with the state-of-the-art CNC turning machines produced by DMGMORI.



CNC turning

Products



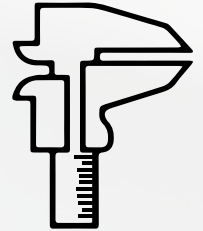


CNC turning

Products



Control

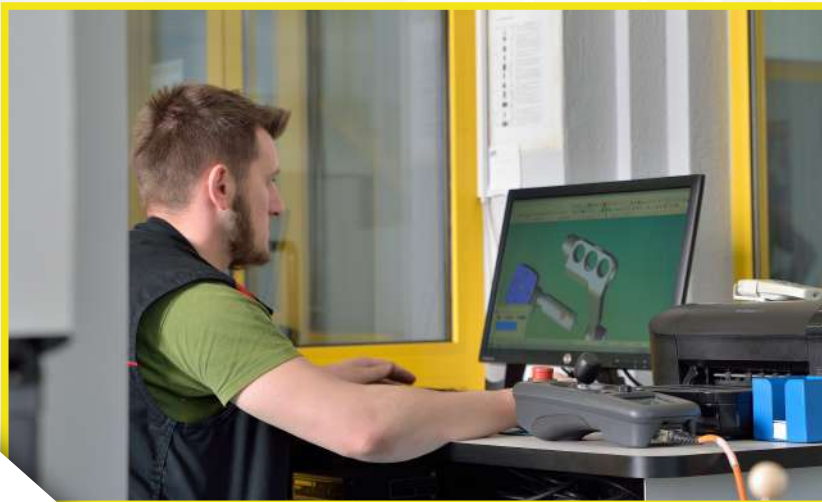


One of the most significant components to which we pay special attention is the product control.

Our control system consists of phase stage, intermediate stage and final stage control of products.

We have the most up-to-date measuring equipment as well as 3D measuring machines produced by DEA I Hexagon Manufacturing Intelligence which enables measuring of highly precise internal and external measures (precision up to 0.003 mm).

We also have MITUTOYO device for surface roughness measuring.





Surface protection (coating)

Our clients are coming from industry branches in which high hygienic standards are compulsory. Therefore, in production of such elements certain surface protection (coating) is necessary.

The most frequent surface protection includes the following methods: anodisation, nickel-plating, galvanizing and browning. We also offersandblasting of different types of metals.

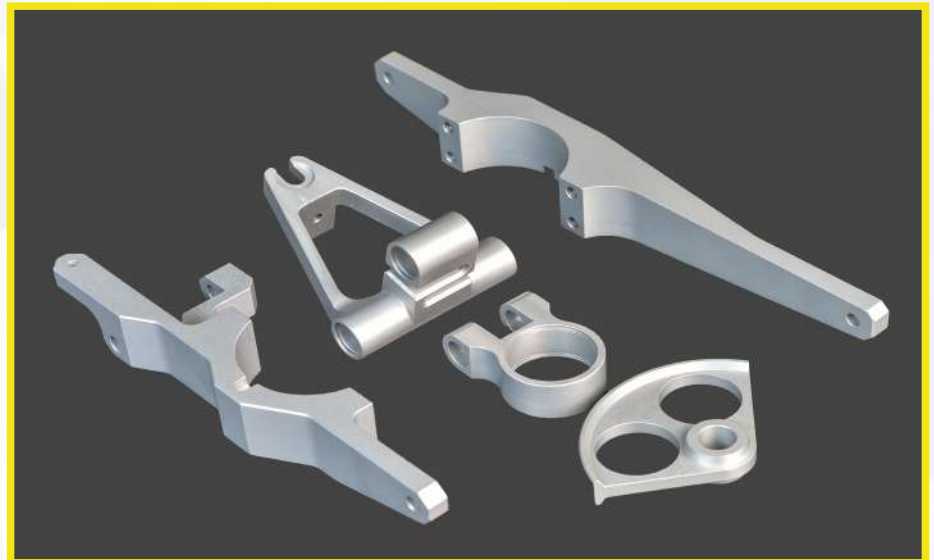
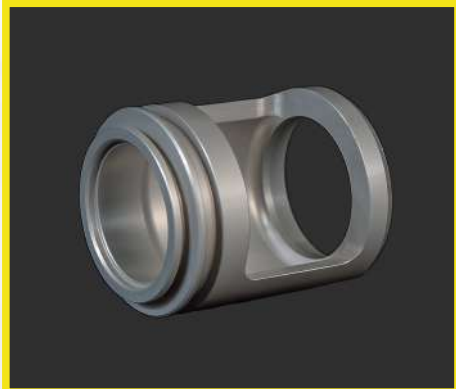
Sandblasting is a technological process of cleaning i.e. processing of metal, non-metal and other types of surfaces to a certain level of cleanliness and roughness.

Sandblasting of aluminium is done by glass beads.



Surface protection

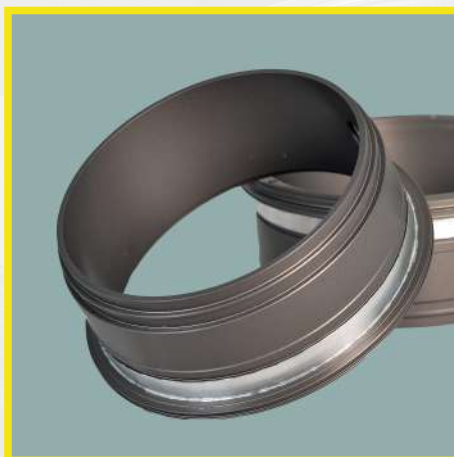
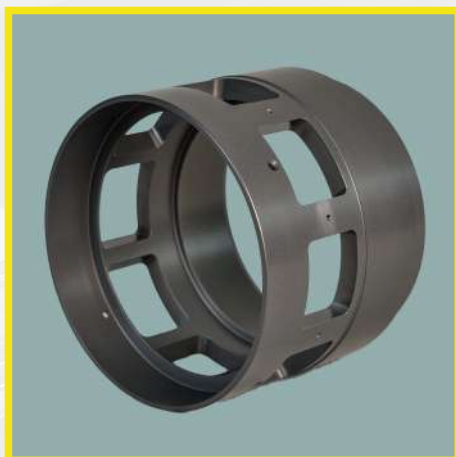
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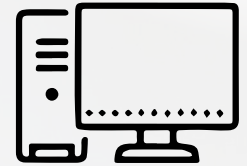


Surface protection

Products



CAD - CAM



Constant investments into the machinery, acquiring the most sophisticated equipment, measuring and cutting tools are followed by investments into the most up-to-date software versions as well. We are constantly improving ourselves by designing with new IT tools. We are projecting in Solidworks and Autocad.

CAM systems are used for projecting of production processes, management of machines, tools and material flows using programmable automation.

CAD enables reduction of costs during the product development and reduction of time during the introduction of a new product on the market.

CAD/CAM is a tool which integrates functions of products projection and computer production. Our software engineers can with CAD build, analyse and test prototypes of various products. Electronic prototypes of products are delivered to CAM where programming of necessary operations for creation of product is done. The programme which contains the necessary operations for creation of product is then delivered to CNC machine which will create the product.

Mastercam

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