inan makina® SANAYİ VE TİCARET A.Ş.

MTB® BREAKERS & ATTACHMENTS

SPARE PARTS

FRONT HEAD

The front head which is one of the parts that is most exposed to impact and wearing on hydraulic rock breakers working in harsh operating conditions is manufactured in our factory to be most suitable for the operating conditions using the highest quality steel which has the necessary mechanical properties and resistance values.

CYLINDER

Cylinders of hydraulic rock breakers convert the hydraulic oil pressure into mechanical energy. They are manufactured in our factory using high-resistance steel.
As İnan Makina, apart from our own MTB brand we also manufacture spare parts for other brands' breakers.

BREAKER TOOL

It is the part that transfers the mechanical energy coming from the piston to the material. They are manufactured in our factory using steel following international standards and are given the necessary hardness and resistance in our own heat treatment facilities.
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- Hydraulic rock breaker tools must be selected according to the operation type and conditions to ensure a long lifetime for the tool and all of the other components.

PISTON

Pistons create hydraulic rock breakers' impact energy by converting kinetic energy into mechanical energy. They are manufactured in our factory using the best raw material and production processes.
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TIE ROD

Tie rods are the parts that hold the main components of the hydraulic rock breaker together. They are manufactured in our factory using strong and highly resistant alloy steels.
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ACCUMULATOR

Accumulator protects the hydraulic rock breakers against shock pressures and regulates the impact rhythm of the breaker. They are manufactured in our factory using the most suitable high-quality steel.
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BACK HEAD

It is the part that houses the nitrogen gas and gives hydraulic rock breakers' piston the necessary downwards acceleration using gas pressure. They are manufactured in our factory using the highest quality alloy steel.
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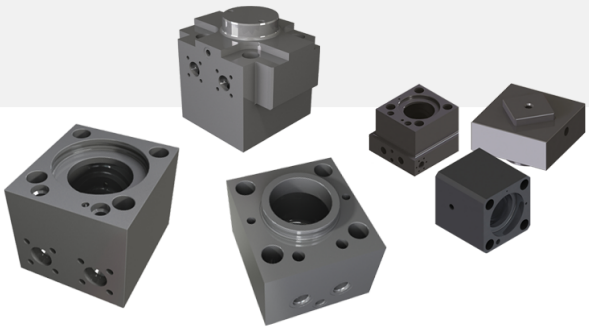

SEAL HOUSING

Seal housing is the part that holds the pressurized hydraulic oil using sealing elements in hydraulic rock breakers. They are manufactured in our factory using wearing-resistant high-alloy steel.
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TOOL RETAINERS AND PINS

Tool retainers and their pins are the parts that lock the tools in the front head. They are manufactured in our factory as round or flat types.
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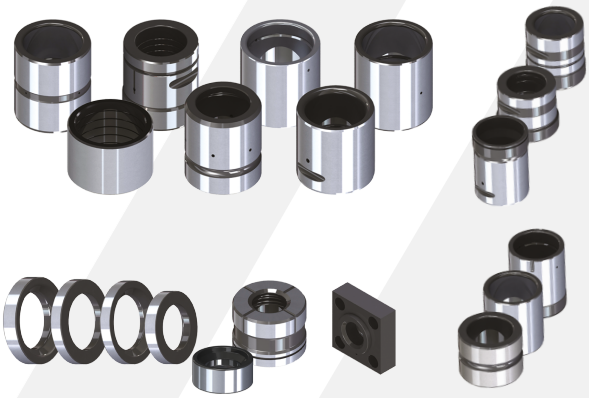

BUSHINGS

Bushings ensure that the piston and the tool are centered perfectly while the impact energy is being transferred during operation. This way, all of the components are protected from damage especially the tool, piston, and front head. They are manufactured in our factory using wearing-resistant materials.
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BRONZE BUSHINGS

Thanks to the materials' mechanical properties, bronze bushings improve working life of the tools. High-quality bronze bushings with a long lifetime are manufactured in our factory.
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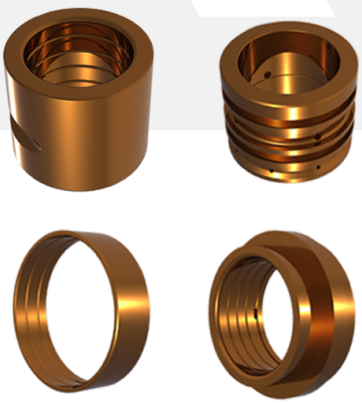

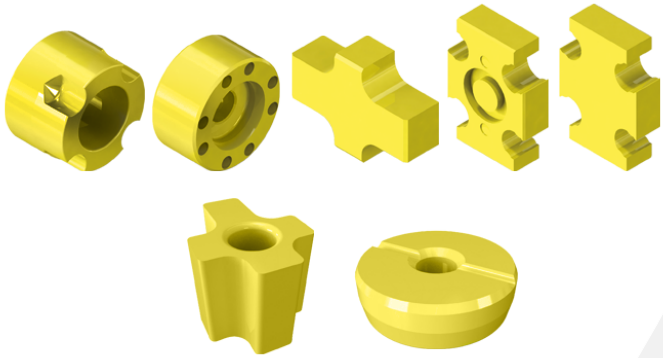

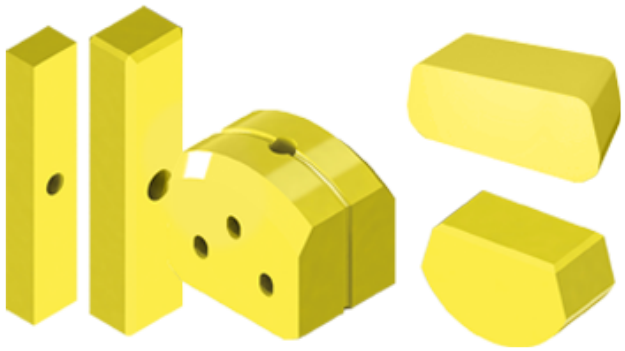

BUFFERS

Vibration buffers protect the breakers and the carrier machines by absorbing the vibration created during operation and they also lower noise levels.
As İnan Makina, apart from our own MTB brand we also manufacture spare parts for other brands' breakers.

WEARING PLATES

Wearing plates are used to prevent friction between the housing and the inner breaker. They are manufactured in our factory with the highest quality using raw material which was chosen to be most suitable for the working environment.
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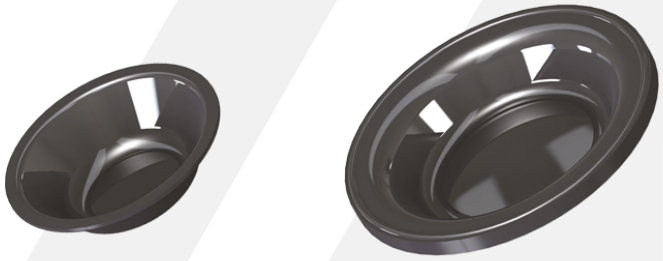

MEMBRANE

They hold nitrogen gas and regulate the impact rhythm of the hydraulic rock breaker. They are manufactured using the moulds which were designed by our research and development department with durable materials that are resistant to oil and high temperatures.
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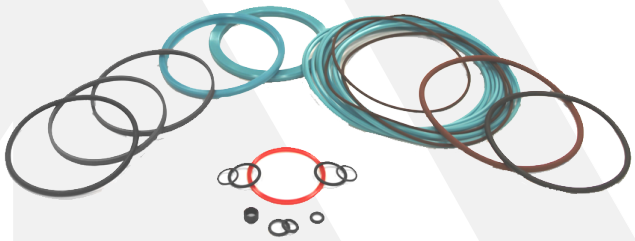

SEAL KITS

The sealing elements which we procure for hydraulic rock breakers are selected to have the best design and material to be suitable for the high pressure and the fast-moving parts.
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inan makina® SANAYİ VE TİCARET A.Ş. MTB® BREAKERS & ATTACHMENTS

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