

## Jaw crusher

Jaw crusher can reach the crushing ratio of 4-6 and the shape of the final product is even. It is widely applied to crush high hardness, mid hardness and soft rocks and ores such as slag, construction materials, marble, etc. The pressure resistance strength is under 200Mpa, which is, suitable for primary crush.

A jaw crusher is a compression type crusher, comprised of a fixed jaw and moving jaw positioned in a (V). The movable jaw compresses material against the fixed jaw, crushing the material to the desired size. The material exits the jaw through the bottom of the crusher otherwise known as the discharge opening. Changing the discharge opening controls the product size made by the crusher. Jaw crushers are mainly used at the primary stage of a material reduction in several applications, including rock quarries, sand and gravel, mining, construction and demolition recycling, construction aggregates, metallurgy, and chemical industries. A jaw crusher's flywheel, toggle plates, pitman, eccentric shaft, and driving motor generate the crushing action and provide the energy needed to break the material.

## Jaw Plate

We at RMB Knovatech Pvt Ltd. casting offer an extensive range of Jaw Plates for all OEM manufacturers. RMB Knovatech Pvt Ltd. procures material from the most reliable vendors and never leaves any stone unturned in manufacturing high-quality jaw plates. Jaw plates are manufactured keeping the consistency of the manganese steel super high. The life of the material is 50-100% longer than the traditional manganese used for producing jaw plates. The manganese content in the plate ranges between 9- 24%.

Mn14cr2 Jaw Plates are used in crushing soft stone. It is referenced as 14%= 13-14% MN. For example, it has a good life when crushing the easy and non-abrasive blasted rock, non-abrasive gravel, and non-abrasive round rock.

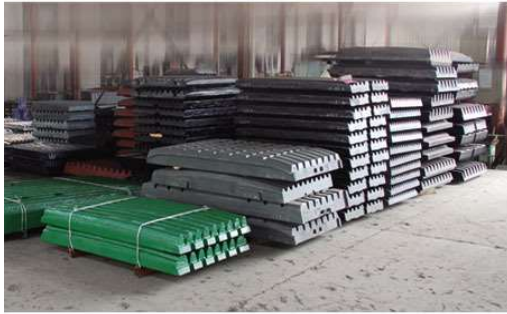
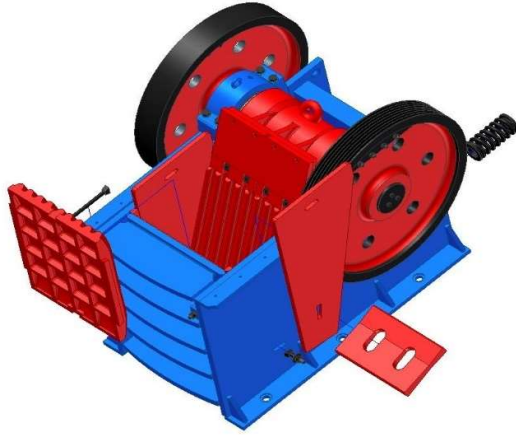
Mn18Cr2 is the most popular material for casting for jaw plates. It is referenced as 18%= 17-19% MN. This Mn18Cr2 mantles and concaves widely in crushing difficult and non-abrasive blasted rock, medium and non-abrasive, on-abrasive gravel, and non-abrasive round rock.

Mn22Cr2 mantles and concaves are widely used in crushing hard and abrasive stone. It is referenced as 22%= 21-24% MN.

Needless to say, RMB Knovatech Pvt Ltd. has always maintained with international standards and norms. After manufacturing, these plates are tested on various parameters ensuring its durability and robustness. Every model of plates is tested for shock, stress, strain, thermal loading, deformation, vibration and noise under different load conditions.

We also customize the jaw plates as per the specifications of our clients. These plates are widely demanded due to its durability, strong construction, and reliability. Jaw plates are widely appreciated for its salient features like, high performance, high tensile strength, reliability and durability. These Crusher Jaw Plates are widely in demand in various industries and are available in market leading price. Furthermore, we offer customized castings and plates as per the as per the specifications of our clients. We do complete

quality and performance measures of these castings before delivering to our valuable clients in several production industries. High performance, high tensile strength, reliability and durability make us one of the leading manufacturing suppliers.



## Jaw Side Plate

RMB Knovatech Pvt Ltd. casting manufactures optimum quality of jaw crusher side plates in compliance with international standard. We are engaged in offering the latest range of products accompanying the latest technology and high-quality raw materials. Our high-tech manufacturing unit is engaged in offering an excellent range of side plate to its customers ensuring the long life of the products. These products are widely demanded by businesses across the country. Our area of expertise is to manufacture side plates keeping in mind the requirements of Mining Queries, Ore Processing Plants, and Power Plants. We also deliver small quantity orders for the Manganese steel side plate, which is made available at highly affordable prices in the market.

Durable

Fine Finish

Cost-effectiveness

High tensile strength

Our R&D team tests the manufactured side plates on different quality parameters. Our valuable clients and associated can also avail these side plates from with several customizations that too at an economical price.



## Cheek Plate

RMB Knovatech Pvt Ltd. manufactures a variety of crusher parts, cheek plate, liner, and other high manganese steel parts to name a few. We have been supplying high-quality products to different companies in need. Cheek plates also known as flanges help in reducing the lateral wander of peripheral (OD) blades under loading, thereby keeping kerf low. It is chosen to leave the minimum size annulus of the diamond blade to achieve the minimum cut depth required. The precision of RMB Knovatech Pvt Ltd.'s cheek plate ensures the best results. This product is very popular and widely demanded. The improved performance of the blade and reduction in kerf makes this product best for sawing applications.

Our cheek plates are fully austenitic and firm with an exceptionally high level of heat and cold resistance when subjected shock and abrasion. This will be a helpful solution to wear problems encountered in jaw crusher.

### Benefits of Cheek Plate

- Made from through-hardened, quench & tempered material for extensive abrasion
- Quality based product machined to specification for fast, easy installation and a good fit
- Prepared with rust inhibitor so spare parts do not decay
- Safely stored at the site, and efficient and easy to install

The spare parts offered by us are durable for their high quality and excellent after-sale service. We also customize the designs on our customer's request and deliver the best quality expected.



## Cone Crusher

Cone Crusher is a compression type of machine that reduces material by squeezing or compressing the feed material between a moving piece of steel and a stationary piece of steel. Final sizing and reduction are determined by the closed side setting or the gap between the two crushing members at the lowest point. As the wedge or eccentric rotates to cause the compression within the chamber, the material gets smaller as it moves down through the wear liner as the opening in the cavity gets tighter. The crushed material is discharged at the bottom of the machine after they pass through the cavity.

A Cone Crusher will deliver a 4:1 to 6:1 reduction ratio. As we set the closed side setting tighter to create a finer output, we also reduce the volume or throughput capacity of the machine. Generally speaking, multiplying the closed side setting by two is a good guide to the top size of the gradation exiting the machine.

### Concave and Mantle

RMB Knovatech Pvt Ltd. casting provides a wide range of concave and mantle. Cone Cave Mantle is manufactured to maximize the level of production, thereby preserving the feed opening throughout the part's lifespan and balancing the mantle and bowl liner wear. Cone parts can be customized to fit and match any application. The high manganese steel is used for creating cone crusher ensures the durability of the product and enhances the crusher uptime. The manganese content in Cone cave and Mantle ranges between 9-24%.

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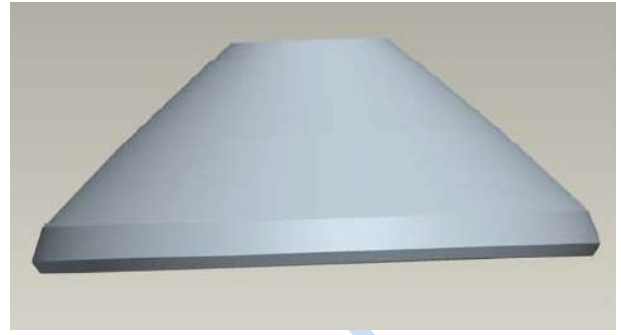
The precise fitting distributes pressure across the frame for abrasion on the equipment. The custom configuration guarantees its consistent production.

Cone Cave Mantle is one of the primary parts of the equipment. It can be operated in the secondary, tertiary, and quaternary stage as per the crushing process. The long-lasting spear parts help in enhancing the uptime ensuring the life of the product when compared with mechanical reliability and other possibilities

We have a complete control over the quality of the products manufactured.

### Benefits of Cone Cave Mantle

- Balanced structure
- Best crushing performance
- Low cost per ton
- Highest wear life

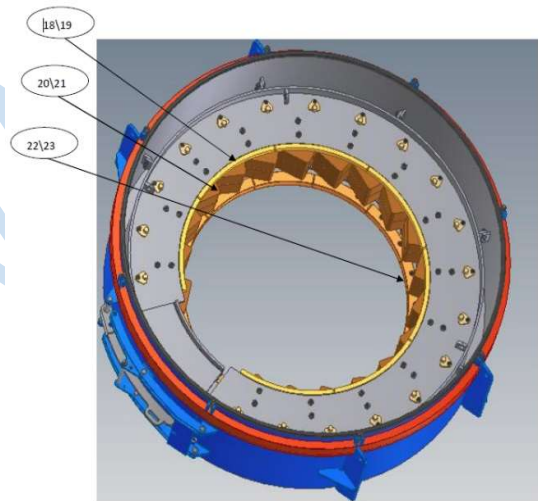
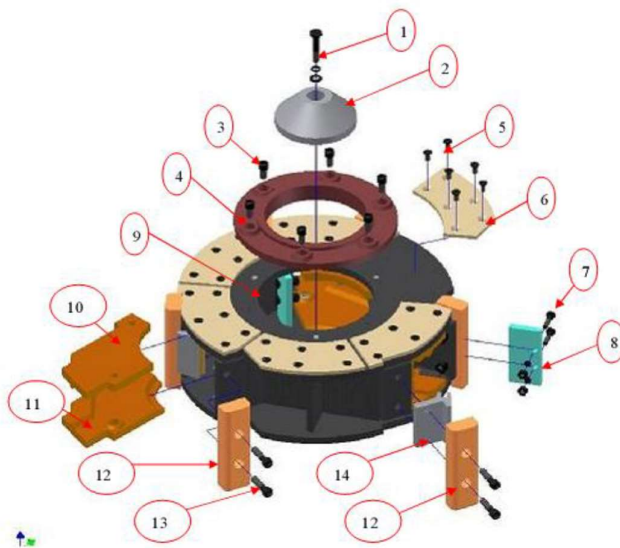


## Vertical Shaft Impacter

The wear parts for VSI crusher are contained both within and on the outer surfaces of the rotor. Different parts have material technology to resist either impact or abrasive wear. Selection of the correct wear parts for the application required is fundamental to ensure the desired performance. Parts must be chosen according to the feed material characteristics of abrasiveness and crushability, Feed size and Rotor speed to suit the product requirements. In using rock-on-rock VSI equipment it is essential that wear

Nanjing parts allow stone beds to form to prevent wear on steelwork and exposed edges of the rotor. It is important to choose material that under normal operating conditions offers the best performance.

We manufacture long-lasting wear Parts for VSI Spares for VSI Crusher's in High-Chrome castings. Every RMB Knovatech Alloy parts are guaranteed for proper fitment, Performance and Customer Satisfaction.



- 2. Material Distribute Cone
- 4. Impeller Guard Ring
- 6. Round Impeller Guard Plate I and Round Impeller Guard Plate II
- 8. Round Impeller Stock Guide
- 9. Round Impeller Body Welding Assembly
- 10. Round Impeller Upper Lining Board KmTBCr26 3
- 11. Round impeller Lower Lining Board KmTBCr26 3
- 12. Impeller Hammer Plate KmTBCr26 6
- 14. Alloying Impact Block Assembly
- 15. Guard plate for cushion hopper (Round Impeller) ZGMn13-2 6
- 18. Upper Guard Plate In Chamber ZGMn13-2 7
- 20. Impact Plate KmTBCr26 21
- 22. Wearing Ring KmTBCr26 12



RMB KNOVATECH IS A PROFIT OPTIMIZER OF YOUR CRUSHING