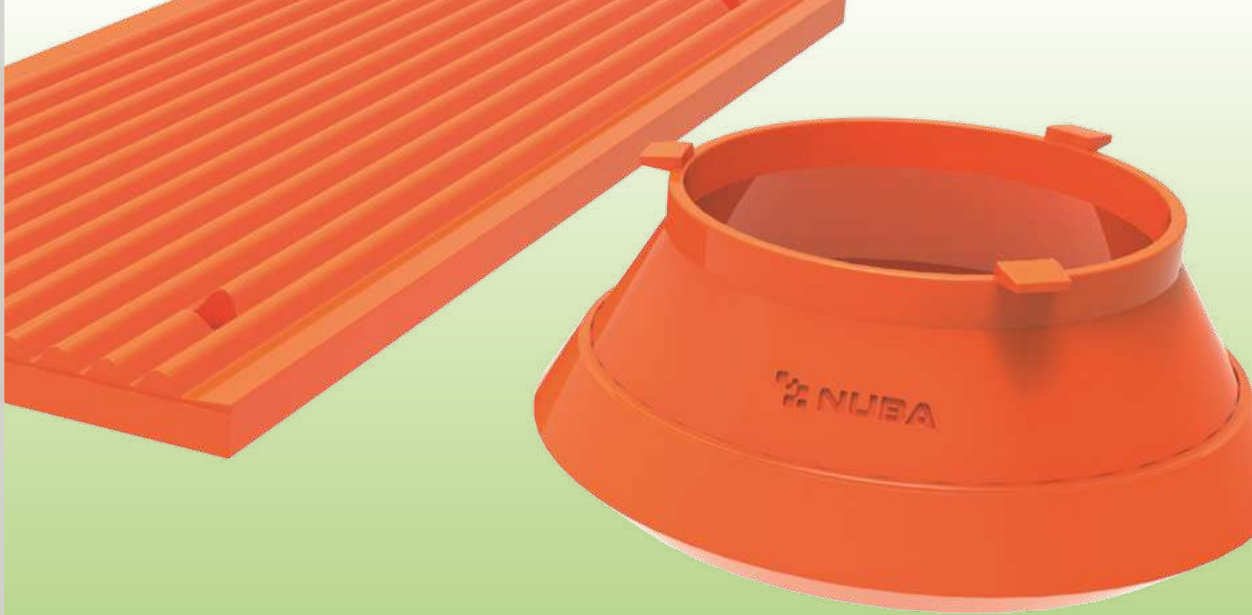


# Crusher

Wear and Spare parts



Screening  
Media

14

 **NUBA**  
Screening Media

 **NUBA**  
Technical Advice



# Crusher wear and spare parts

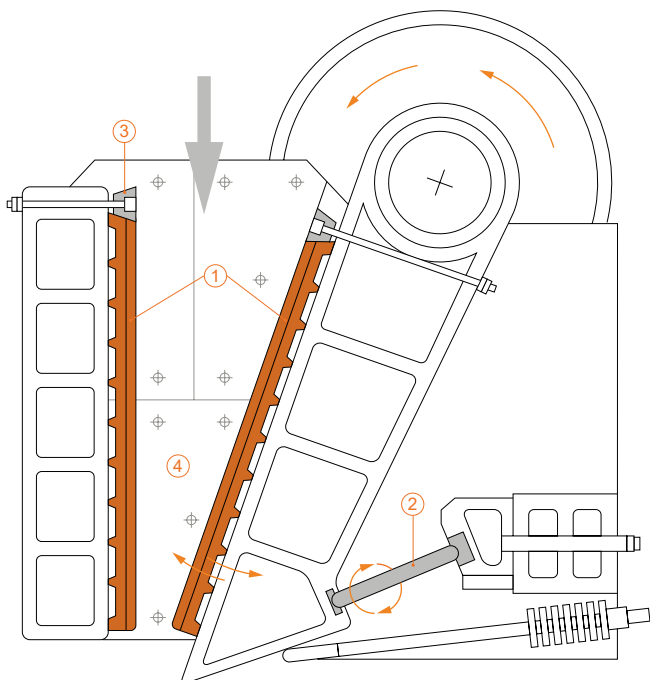
## Jaw crusher wear and spare parts

NUBA Screening Media distributes compatible spares for major Jaw crusher brands, ensuring the top quality of all parts. The spares are wholly interchangeable with the originals.

We have a large stock of compatible spares for Jaw crushers, both wear parts and machine spares, ensuring the top quality of all these products with ISO 9001 certification.

We have a permanent stock of parts compatible with the main brands and models, including jaws, fuse plates, wearing plates and any consumables. All these spares are fully guaranteed by NUBA Screening Media.

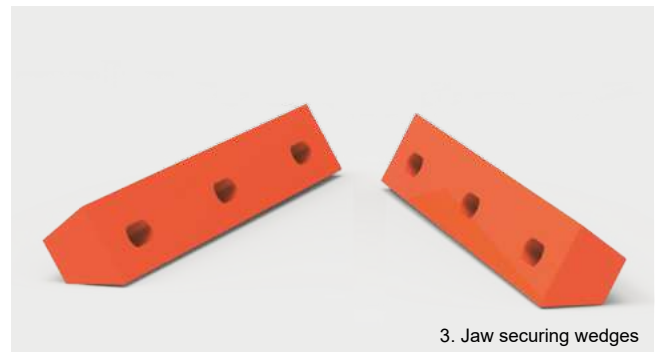
The wearing parts distributed by NUBA Screening Media are made in 12-14% Mn, 16%-18% Mn and 20-22% Mn content and with a chrome content of 2-3%. They conform to all the most common measurements and profiles on the market.



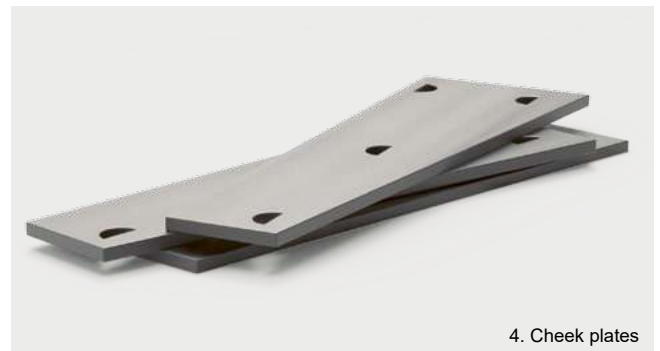
1. Fixed and swing Jaws



2. Toggle plates



3. Jaw securing wedges



4. Cheek plates

### DATA NEEDED TO PLACE YOUR ORDER

- **Part Reference Number** according to manual.
- **Description** of the piece.
- Required **Quantities**.

## Cone crusher wear and spare parts

NUBA Screening Media distributes compatible spares for major Cone crusher brands, ensuring the top quality of all parts. The spares are wholly interchangeable with the originals.

We have a large stock of compatible spares for Cone crushers, both wear parts and machine spares, ensuring the top quality of all these products with ISO 9001 certification.

We have permanent stock of parts compatible with the main brands and models. All these spares are fully guaranteed by NUBA Screening Media.

We can supply a wide range of Mantles and Concaves on 12-14% Mn, 16-18% Mn and 20-22% Mn grade and a chrome content of 2-3%. We also provide a full range of spares including bushings

For this type of crushers we have the **TN-Fix**, jaw fitting resin, further information on page 170.



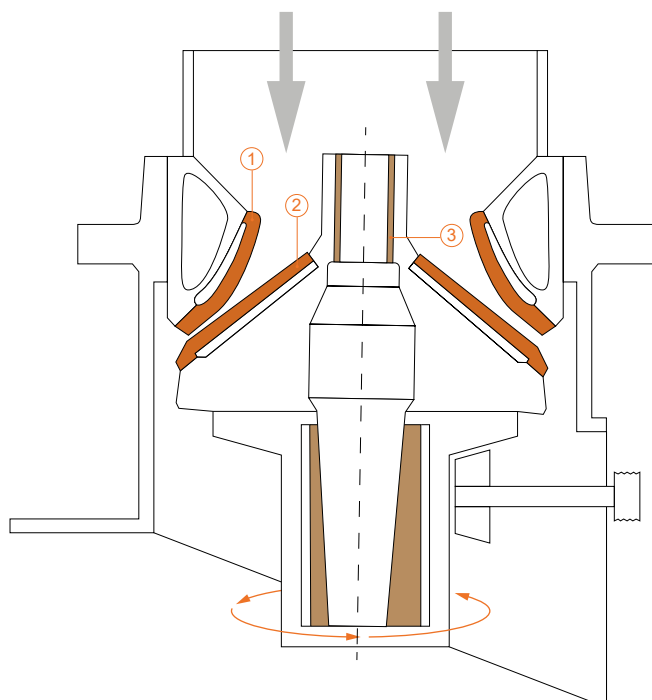
1. Concaves, Bowl Liners or Fixed Cones



2. Mantles or Mobile Cones



3. Bronze Bushings



### DATA NEEDED TO PLACE YOUR ORDER

- **Part Reference Number** according to manual.
- **Description** of the piece.
- Required **Quantities**.

## Impact mills wear and spare parts

Nuba Screening Media distributes compatible spare parts for all major impact mill brands, ensuring high quality in all parts. The spare parts are fully interchangeable with the originals.

We have a large stock of compatible spares for impact mills, both for wear parts and machine spares, ensuring all these products are of the highest quality with ISO 9001 certification.

We supply blow bars, impact plates and side wear plates. Alloys used:

- **Manganese:** 12-14% Mn, 16-18% Mn and 20-22% Mn with chrome content of 2-3%.
- **Martensitic:** For working conditions with strong impacts (recycling). Tenacious steel, with approximate double the wear life of Manganese Steels.
- **Chrome (High and Medium):** For high abrasion working conditions. With a content of around 20% Cr for the medium chromium version and 28% Cr for the higher version.

Additionally, each of these alloys can be combined with **ceramic grafts**, providing extra resistance in conditions of extreme abrasion.

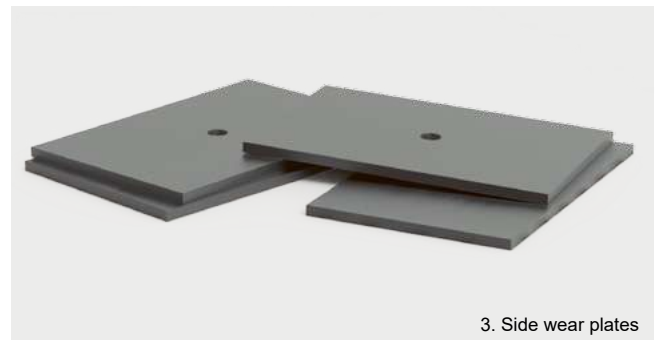
All of these parts are fully guaranteed by Nuba Screening Media.



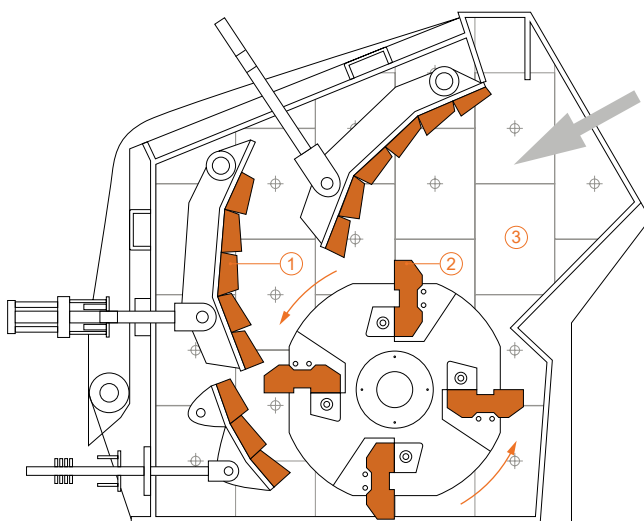
1. Impact Plates or Breaker Jaws



2. Blow bars or Hammers



3. Side wear plates



### DATA NEEDED TO PLACE YOUR ORDER

- **Part Reference Number** according to manual.
- **Description** of the piece.
- Required **Quantities**.

## Hammermill Spare and Wear parts

Nuba Screening Media distributes compatible spare parts for the most important brands of hammer mills, guaranteeing high quality in all parts. The spare parts are fully interchangeable with the originals.

We have a large stock of compatible spares for impact mills, both for wear parts and machine spares, ensuring all these products are of the highest quality with ISO 9001 certification.

We supply hammers, shafts, protective side plates and screen grates. Alloys used:

- **Manganese:** 12-14% Mn, 16-18% Mn and 20-22% Mn with chrome content of 2-3%.
- **Martensitic:** For working conditions with strong impacts (recycling). Tenacious steel, with approximate double the wear life of Manganese Steels.
- **Chrome (High and Medium):** For high abrasion working conditions. With a content of around 20% Cr for the medium chromium version and 28% Cr for the higher version.

Hammermill screens are normally supplied in HB Steels, from HB400 to HB600.

All of these parts are fully guaranteed by Nuba Screening Media.



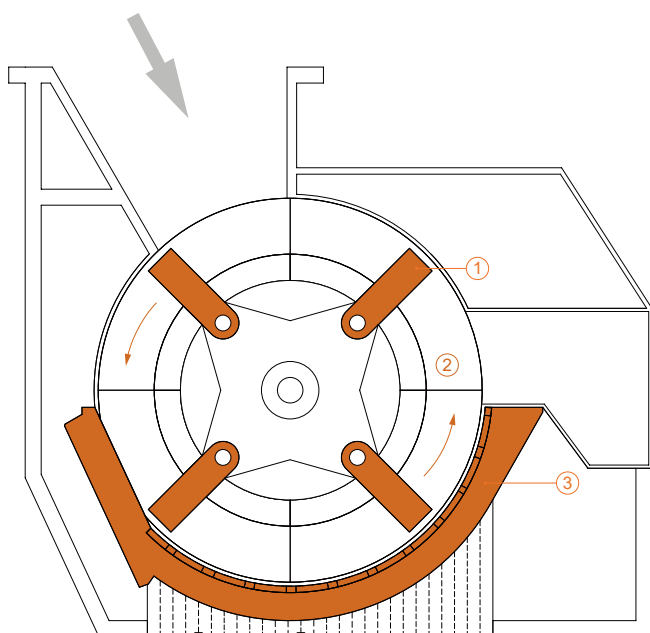
1. Hammers



2. Protective side plates



3. Screen grates



### DATA NEEDED TO PLACE YOUR ORDER

- **Part Reference Number** according to manual.
- **Description** of the piece.
- Required **Quantities**.



## Mechanical components for crushers

Nuba Screening Media distributes compatible mechanical spare parts for the major brands of jaw crushers, cone crushers and impactor mills. The spare parts are fully compatible with the originals.

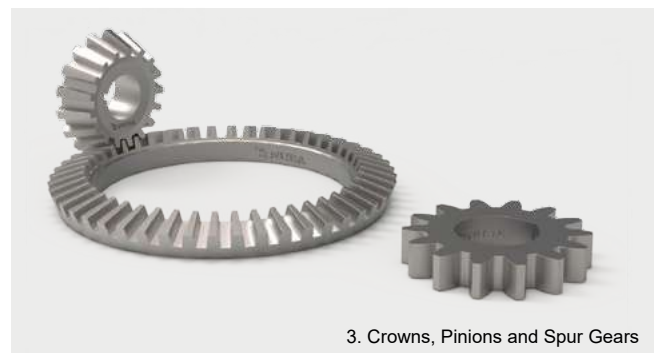
Most of them made to order, offer the highest quality with ISO 9001 certification.

We also offer a full range of spare parts including bushings, gears, pinions, coil springs, etc. In addition, socket liner, complete sets of head and main shaft, secondary shaft and crown/pinion, for the most important brands and models.

All of these parts are fully guaranteed by Nuba Screening Media.

### DATA NEEDED TO PLACE YOUR ORDER

- **Part Reference Number** according to manual.
- **Description** of the piece.
- Required **Quantities**.



# TN-FIX Resin

## Crusher backing resin

### Description:

**TN-Fix** is a liquid epoxy resin compound, especially formulated to resist compression and impact, offering good strength support and resistance to shock vibrations.

### Properties / Advantages:

- Easy, quick and clean application.
- Simple mixing without the need for tools (mixing bag).
- Application of product without dirtying any tools.
- Good fluidity that allows easy pouring.
- Dimension stability with low shrinkage.
- Hardens at room temperature.

### Applications:

Embedding of wear parts for gyratory crushers.

### Presentation / Packaging

- **2x10 kg** kit in a recyclable bucket containing the two components to mix before use:
  - Base A: Resin in two plastic bags.
  - Hardener B: Two doses of hardener powder.
- **10 Kg kit** in a recyclable bin that contains:
  - A 10 Kg kit and a bag of hardener.

### Storage and Distribution

Store **TN-Fix** in its original sealed package, in a closed environment, sheltered from direct sunlight and high temperature variations. Keep between 5°C and 25°C.

If kept in these conditions store life should be one year.

### Characteristics:

Physical properties before hardening:

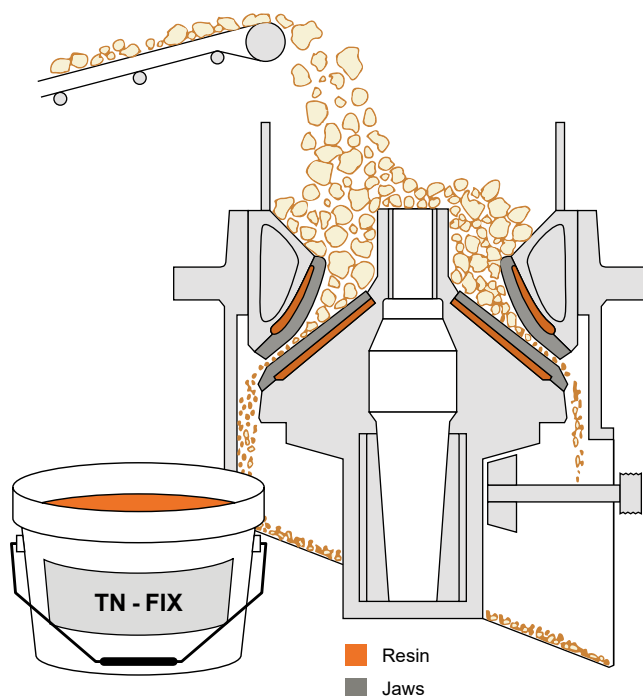
- Density at 20°C: 1,5
- Appearance: yellow liquid

Epoxy cure time chart:

Temperature	5° C	15° C	20° C	30° C
Initial Hardening	90 min	20 min	15 min	5 min
Final Hardening	5h	2h 30 min	1h 30 min	45 min

Mechanical properties after hardening (at 20°C):

- Bending strength: 37 mpa
- Tensile strength: 78 mpa
- Tensile modulus: 3820 mpa



### How to use

- The parts (where the product will be applied) must be clean and dry.
- To facilitate the dismantling of the parts used, the support must be lubricated before the assembly of the new parts.
- For temperatures under 10°C the parts have to be heated up to 30°C.
- The high fluidity of **TN-Fix** allows the filling of all cracks or holes. If they are not to be filled in, they must be plugged with clay, plaster, putty etc...
- Open the bucket, pick up a resin bag and make sure that the resin is homogeneous, rolling the bag around the ground for a few minutes.
- Add a dose of hardener and mix for 2 or 3 minutes.
- Pour the mixture directly from the bag into the desired place.

### Hygiene and safety:

Base A: Xn Harmful Contains styrene.

- Flammable.
- Irritating to eyes and skin.

Hardener B: C Corrosive

- Harmful in contact with skin or if swallowed.
- Causes burns

For more information, please contact our technical service.



## Notes

This image shows a full page of blank, lined paper. It features approximately 30 evenly spaced horizontal grey lines across its entire width, providing a guide for handwriting or typing. The paper itself is a clean, off-white color. There are no margins, text, or other markings present on the page.

## Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

## Notes

This image shows a full page of blank, lined paper. It features approximately 30 evenly spaced horizontal grey lines across its entire width, typical of notebook or school paper. There are no margins, text, or other markings present.



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