Nanjing Manganese Manufacturing Co., Ltd, which had specialized in casting crusher wear parts, jaw crusher parts, cone crusher parts, impact crusher parts, vsi crusher parts, roll mill parts and other manganese, chrome casting parts over 20 years.

Our product engineers are problem-solving specialists, designing crushing surfaces to handle oversize material, break up slabby material, and reduce recirculation. Our alloys are tailored to meet the level of impact and abrasion your crushers encounter, resulting in better overall plant performance. For gyratory, cone, jaw, hammermill, impact, and roll crusher wear parts call MGS Casting.

As a rich casting experience foundry, MGS Casting supplies our customers the best quality products and the most suitable price.

**Features**
MGS Casting titanium carbide (TIC) cone crusher wear parts are designed to increase the wear life of wear parts in abrasive environments. Titanium carbide columns are cast within proprietary alloys for added strength and durability.

**Benefits**
- **Increased Wear Life** - MGS Casting’s unique TiC insert cone liners and bowl liners design features a strengthened high-wear zone for maximum usable wear life and reduced breakage.
- **Strengthens as It Works** - Concaves and mantles body are cast in durable manganese steel (Mn18Cr2) that gets harder the longer you work it.
- **Consistent Wear** - More consistent wear profile for uniform product output and increased efficiency.
- **Titanium Carbides** - TiC inserts currently available are 20mm, 40mm, 60mm, and 80mm depths.
- **Fewer Change-Outs** - Greater durability and longer wear life means fewer change outs, more up-time, and lower maintenance costs.

MGS Casting titanium carbide (TIC) cone crusher wear parts are designed to increase the wear life of wear parts in abrasive environments. Titanium carbide columns are cast within proprietary alloys for added strength and durability.
### TIC Insert Jaw Crusher Parts

| TIC Insert Jaw Plate | TIC Insert Liner Plate |

### Features

**MGS Casting titanium carbide (TIC) jaw crusher wear parts** are designed to increase the wear life of wear parts in abrasive environments. Titanium carbide columns are cast within proprietary alloys for added strength and durability.

**Benefits**

**Increased Wear Life** - MGS Casting’s unique TIC insert jaw plates design features a strengthened high-wear zone for maximum usable wear life and reduced breakage.

**Strengthens as It Works** - Jaw plates body is cast in durable manganese steel (Mn18Cr2) that gets harder the longer you work it.

**Consistent Wear** - More consistent wear profile for uniform product output and increased efficiency.

**Titanium Carbides** - TIC inserts currently available are 20mm, 40mm, 60mm, and 80mm depths.

**Fewer Change-Outs** - Greater durability and longer wear life means fewer change outs, more up-time, and lower maintenance costs.

### TIC Insert Impact Crusher Parts

| TIC Insert Blow Bar | TIC Insert Blow Bar Model |

### Features

TIC insert blow bars are designed for longest usable wear life for significant cost-savings. MGS Casting design features combine with proprietary high-strength alloys for greatest reliability and better bottom lines. Our blow bars are the solution to industry-wide problems of short wear life and premature breakage found in traditional blow bar design.

**Benefits**

**Superior design** - HSI blow bars with 3x-7x wear life for significant cost-savings

**Available in material options to suit your application** - high strength alloys, manganese, titanium carbide, ZTA (Zirconia Toughened Alumina) ceramic
### TIC Insert Hammer Crusher Parts

| TIC Insert Hammer | TIC Insert Hammer Plate |

#### Features
This new type high manganese steel crusher hammer with TIC cermet rod is a good substitute for high chromium cast iron complex crusher hammer. It solves the problem of easy to be broken with high hardness in high chromium crusher hammer, furthermore, the wear life could be increased - up to 3 times, delivering fewer change-outs, more uptime, and lower maintenance costs.

#### Benefits
- Made to exceed OEM standards.
- Efficient cast design is superior vs. other other hammers prone to deforming and cracking.
- Stronger alloys = longer wear life and fewer part change outs

### SAG Mill Liners

#### Composition

<table>
<thead>
<tr>
<th>Composition (%)</th>
<th>C</th>
<th>Si</th>
<th>Mn</th>
<th>Cr</th>
<th>Mo</th>
<th>S</th>
<th>P</th>
<th>Hardness</th>
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<tbody>
<tr>
<td>AS20741-L2B</td>
<td>0.55-0.65</td>
<td>≤0.75</td>
<td>0.5-1.0</td>
<td>0.8-1.5</td>
<td>0.2-0.4</td>
<td>≤0.06</td>
<td>≤0.06</td>
<td>HB≥293</td>
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</tbody>
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Gyratory Crusher Wear Parts

- SG4265 GYRATORY WEAR PARTS
- SG5474 GYRATORY WEAR PARTS
- SG4275 CONE LINER
- SG5474 CONCAVE

Shredder Wear Parts

- ROOF COVERS
- DOUBLE BEAM GRATES
- SHREDDER HAMMER
- BREAKER BARS
Roll Crusher Wear Parts

ROLL MILL PARTS

ROLL MILL PARTS

ROLL MILL PARTS

Apron Feeder Pans

APRON FEEDER PANS

APRON FEEDER PANS

APRON FEEDER PANS
Send to Finland Customer
Send to Russia Customer
Send to Australia Customer
Send to USA Customer
Send to Candana Customer
Send to Chile Customer

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