**Process Description**

Crusher hammer head is one of the important wear-resistant parts. It is arranged on the hammer shaft of the rotor and it directly blows materials when the hammer crusher operates in high-speed to break into suitable size finally.

CHAENG can provide various types of crusher hammerhead according to the drawings.

The crusher hammer head can be divided into the following types according to the material. Great Wall machinery can recommend most suitable crusher hammer head according to your different requirements.

1. **Forging hammer head**

   Hammer head of forging for crusher is made of 65 Mn which is with good impact resistance, strong toughness, and good wear resistance. It forgess the billet repeatedly by forging machines to make it deform which can obtain certain mechanical properties, certain shape and size, and then after special hardening heat treatment, to ensure the hammerhead work area with high hardness and high wear resistance performance.

2. **High manganese steel hammerhead**

   The hammer head of Mn13, Mn13Cr2 and Mn18Cr2 high manganese steel is suitable for strong impact working conditions such as large, medium - sized crusher teeth plate, mill wall, crushing wall and large excavator bucket teeth. It can also be used as ball mill, semi-automatic mill, self-mill bushing. Although the hammer head of high manganese steel will be replaced by chromium molybdenum alloy steel, high chromium cast iron and nickel hard cast iron, the high toughness characteristics of high manganese steel hammerhead are incomparable with other wear-resistant materials.

3. **High chromium alloy hammer head**

   High chrome composite hammerhead, that is, use high manganese steel for hammer handle and high chromium alloy for hammer workspace. This combination makes the hammerhead with high hardness, and the hammer handle with high toughness, gives full play to their advantages of two materials and overcomes the shortcoming of a single material, and satisfies the requirement of hammer performance.

4. **Hard alloy hammerhead**

   Compared with other material, hammer head with hard alloy has the characteristics of higher hardness, good bending strength, good thermal fatigue and thermal hardness, and low cost etc, which solves the problems of crack, soldering, collapse, block of the high fierce material.
### Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Feeding size is wide * long (mm)</th>
<th>Feed size (mm)</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCZ1308</td>
<td>850×800</td>
<td>≤600</td>
<td>100-160</td>
</tr>
<tr>
<td>PCZ1510</td>
<td>1000×900</td>
<td>≤700</td>
<td>160-210</td>
</tr>
<tr>
<td>PCZ1512</td>
<td>1200×900</td>
<td>≤750</td>
<td>250-320</td>
</tr>
<tr>
<td>PCZ1615</td>
<td>1500×1200</td>
<td>≤1000</td>
<td>360-420</td>
</tr>
<tr>
<td>PCZ1620</td>
<td>2000×1200</td>
<td>≤1200</td>
<td>500-800</td>
</tr>
<tr>
<td>PCZ1820</td>
<td>2000×1200</td>
<td>≤1200</td>
<td>700-900</td>
</tr>
</tbody>
</table>

### Features

1. **Good quality**

   The surface is clean, no sand, hole, shrinkage holes and other casting defects. The inner quality is high, and it has the ability of high impact load, friction, extrusion and shear.

2. **Cost-effective**

   Different hammer heads, due to different size and material, have different wear and failure. Choosing different types of hammer head according to the different working conditions can improve the grinding efficiency and reduce costs.

3. **Long using time**

   High manganese steel hammer has longer life and more than 30% efficiency.

4. **Extensive application**

   High manganese steel hammer head is widely used in mine ore, cement factory limestone, clinker, brick factory leaf rock and other crushing industries.

### Typical cases

Crusher hammer head made by CHAENG has established its own brand in the world with its excellent product quality. As long as you have needs, please feel free to contact us, and we will provide you with the best crusher hammer head.
Why choose Great Wall for crusher hammerhead

Reason 1: More than 10 steel casting patents

Reason 2: Large production capacity with the maximum furnace quantity of 30 tons

Reason 3: Professional foundry, professional team, and modern foundry workshop

About CHAENG

Founded in 1958 and located in Xinxiang, Henan province, CHAENG has 60-year experience in equipment manufacturing with an area of 330,000 m² and 1 billion RMB of annual production value. The company is specialized in manufacturing ball mills, rotary kilns, vertical mills, large steel casting and can undertake the EPC projects of cement production lines, active lime production lines, blast furnace slag/steel slag/nickel slag grinding plants. Its products are sold to more than 50 countries and regions in Southeast Asia, Central Asia, South Asia, North America, South America and Europe.

Our long-term strategic partners: FLSmidth, Arcelor Mittal, Tata Group, Pohang Iron and Steel Company, Germany CCE, Japan Chiba, Shanghai Baosteel, Voestalpine and Aosen steel.