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# HUIHE MININGPARTS CO., LTD





# Company Introduction



Huihe Miningparts Co., Ltd. is specialized in design, manufacturing of casting wear parts like grinding balls, ball mill liners, crushers etc. Factory based in Jiangsu, China. Our marketing offices offers regular on-site technical and after-sales services, to meet our customers milling targets by providing grinding solutions, milling system adjustment.

Our manufacturing facility has leading casting techniques and large production capacity, which can enable us to provide specific wear parts materials to satisfy our customers requirements based on their unique processing environment.

Huihe' s customers widely spread in field of Metal Mining, Cement, Coal Power Station etc, We are solid and responsive, quite confidence in what we do.

# Casting Grinding Balls

We offer full range of chromium alloyed grinding balls, size from 8 to 120mm, low and high chromium, balls/cylpebs. hardness from 55 to 65 HRC, different balls selected should be determined by every unique working conditions and processing environment. We will provide professional balls select to suit individual customer requirements.

## Specifications

| Name                | Chemicals (%) |      |         |       |       | Surface Hardness | Impact |
|---------------------|---------------|------|---------|-------|-------|------------------|--------|
|                     | C             | Si   | Mn      | Cr    | P,S   | HRC              | J/cm2  |
| Low Chrome Balls    | 2.0-3.3       | ≤1.5 | 0.3-1.5 | 1-3   | ≤0.06 | ≥45              | ≥2.5   |
| Medium Chrome Balls | 2.0-3.3       | ≤1.5 | 0.3-1.5 | 4-6   | ≤0.06 | ≥48              | ≥3.0   |
| High Chrome Balls   | 2.0-3.3       | ≤1.2 | 0.3-1.5 | 10-18 | ≤0.06 | ≥58              | ≥3.5   |

## Size & Weight

| Size(mm) | Weight(kg/pc) | Quantity(pc/t) |
|----------|---------------|----------------|
| Φ30      | 0.11          | 9091           |
| Φ40      | 0.25          | 3891           |
| Φ50      | 0.50          | 2000           |
| Φ60      | 0.86          | 1153           |
| Φ70      | 1.37          | 729            |
| Φ80      | 2.05          | 487            |

| Size(mm) | Weight(kg/pc) | Quantity(pc/t) |
|----------|---------------|----------------|
| Φ90      | 2.90          | 345            |
| Φ100     | 4.00          | 250            |
| Φ110     | 5.30          | 188            |
| Φ120     | 6.80          | 147            |
| Φ130     | 7.70          | 129            |
| Φ140     | 8.74          | 114            |







# Forged Grinding Balls

We offer full range of forged grinding balls, size from 20 to 150mm, balls and rods, surface hardness from 50 to 63 HRC. Widely used in SAG mill and Ball mill for solid mineral concentrating process.

## Specifications

| Materials | Chemicals (%) |           |          |         |        | Surface Hardness | Impact |
|-----------|---------------|-----------|----------|---------|--------|------------------|--------|
|           | C             | Si        | Mn       | Cr      | P,S    | HRC              | J/cm2  |
| B3        | 0.58-0.66     | 1.6-1.9   | 0.65-0.8 | 0.7-0.9 | ≤0.03  | 58-63            | ≥12    |
| B2        | 0.70-0.85     | 0.17-0.37 | 0.7-1.0  | 0.5-0.6 | ≤0.035 | 55-60            | ≥12    |
| 65Mn      | 0.62-0.7      | 0.17-0.37 | 0.9-1.2  | ≤0.25   | ≤0.035 | 50-60            | ≥12    |
| 40Cr      | 0.39-0.45     | 0.17-0.37 | 0.5-1.0  | 0.9-1.2 | ≤0.035 | 45-55            | ≥12    |
| 45#       | 0.42-0.5      | 0.17-0.37 | 0.5-0.8  | ≤0.25   | ≤0.035 | 45-55            | ≥12    |



# Ball Mill Liners

Mill liner is used in the steel ball mills/rod mills to protect the body of mills and also designed to lift the balls to assist grinding. It will be designed based on the grinding mechanisms required for the specific mill, determined by mill type, size, speed of rotation, trajectories, feed size, balls properties etc.

| Name          | Chemicals (%) |         |         |         |       | Materials | Impact |
|---------------|---------------|---------|---------|---------|-------|-----------|--------|
|               | C             | Si      | Mn      | Cr      | P,S   | HRC       | J/cm2  |
| ZgMn13Cr2     | 1.0-1.35      | 0.3-1.0 | 11-14   | 1.5-2.5 | ≤0.06 | 20-35     | ≥90    |
| ZgMn18Cr2     | 1.0-1.35      | 0.3-1.0 | 16-19   | 1.5-2.5 | ≤0.06 | 25-35     | ≥120   |
| Cr-Mo Alloy   | 0.3-0.65      | 0.6-1.5 | 0.4-1.5 | 1.5-3.5 | ≤0.04 | 40-55     | ≥35    |
| High-Cr Alloy | 2.0-3.3       | ≤1.2    | 0.3-1.5 | 10-13   | ≤0.06 | ≥55       | ≥3.5   |

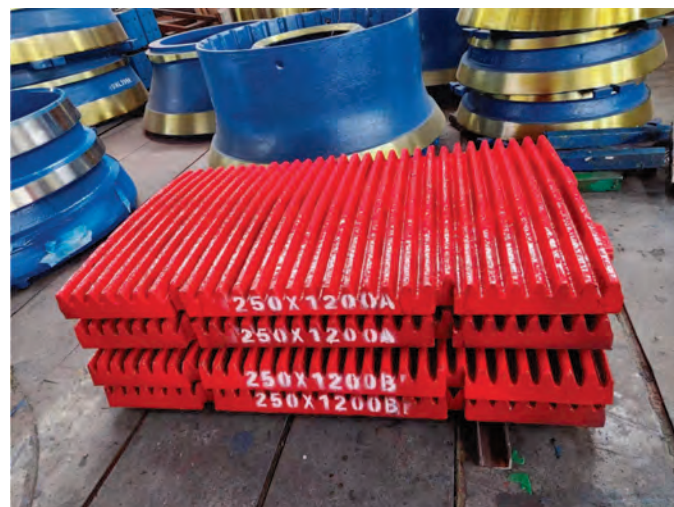






# Mining Machine Parts

Huihe can also supply various of machine wear parts for Mine plant, especially the concentrator plant use. Such as jaw plates, mantle&concave, CAT excavator tooth, drilling bits&rods etc.



# Services

## 1. Quality Control

Huihe has advanced manufacturing methods and materials guarantee the consistent performance and life time, finished products will have rigorous test to meet agreed specifications.

## 2. Onsite Services

Huihe offers regular on-site technical and after-sales services, to adjust grinding solutions, measuring liners and other services to meet our customers demand and improve milling efficiency.

## 3. Packing&Logistics

We will provide customer a diverse export packing services as per different request, and also an integrated logistics service, by AIR, SEA, LORRY. directly to your mining site.

