



# Grinding Media/Rod

Forged Steel Grinding Media  
High Chromium Alloy Cast  
Grinding Media

Suizhou Gaincin Machinery Co., Ltd (GAINCIN.com) is the market-leader in People's Republic of China in the supply of grinding media for the Platinum,Gold,Copper, Sliver, Ferrochrome, Base Metals, Power Generation and Cement industries. Gaincin Machinery offers the full spectrum of grinding media products including high alloy cast media and hot forged steel/rolled steel grinding media/rod. Gaincin Machinery can therefore offer the most cost-effective solution for each grinding application.

## Heat-Treated High Alloy Casting (High Chrome) Grinding Balls

Suizhou Gaincin Machinery Co., Ltd has 10 DISA lines are state of the art and the laser controlled pouring devices and automatic molding unit eliminate the usual casting defects associated with sand-cast media.

- Different quench & temper heat-treatment cycles are used to impart specific metallurgical properties to the balls depending on the intended application; whether wear mechanisms be predominantly impact, abrasion or corrosion, GAINCIN can offer a product to suit.
- Sizes from dia.8mm to 150mm are manufactured in various grades ( Cr content upto 32% max).
- Manufactured under license from top Asia ranked Anhui Fengxing & Chaoyang Ltd according to International quality standards.





## Heat Treated Forged Steel Balls/Rods

Suizhou Gaincin Machinery Co., Ltd (GAINCIN.com) includes a fully integrated steelworks and the raw material feedstock for the forged media is manufactured on site starting with scrap processing, scrap melting and steelmaking, continuous casting, hot rolling and finally forging.

Suizhou Gaincin Machinery Co.,Ltd forged media, including hot rolled grinding media ball, heat treated forged steel grinding rod is manufactured to International quality standards and the processes include a quench & temper stage for improved hardness & toughness, providing for excellent impact and wear performance.

- 50.8/ 63.5/ 76.2mm and other diameters roll formed balls are manufactured on our state of the art roll-forming machine and fully heat-treated.
- 100,125/150mm forged balls are manufactured by an upset-forging process and fully heat-treated.

## Application support

The use of mill modeling software assists us in recommending the right product for the right application. This software is also used to assist customers in optimizing their milling circuits.



For further information please contact:  
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Grinding Media/Rod  
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