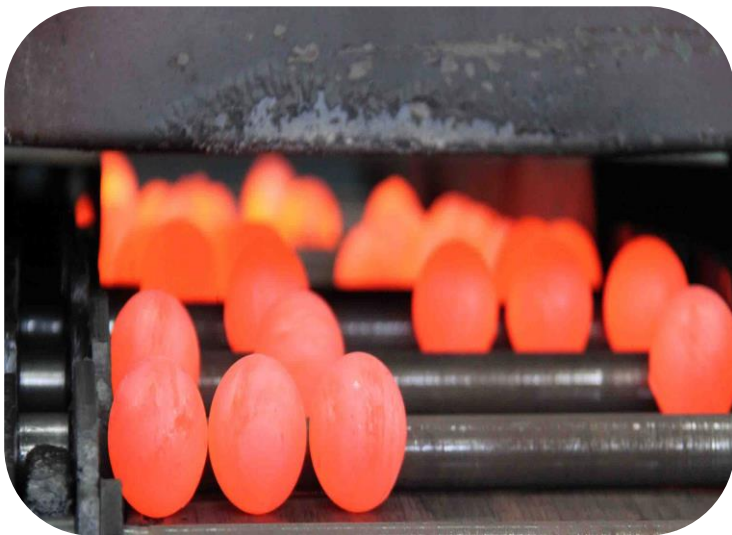




GRINDING BALL



FORGED BY EXCELLENCE

Our Factory

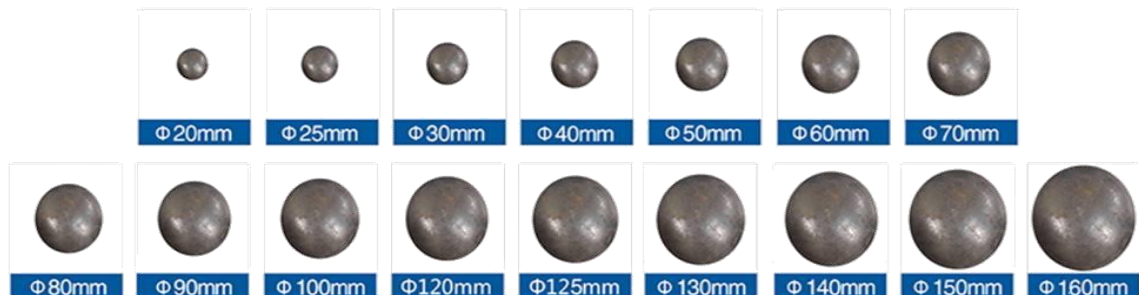


As an expert and leading manufacturer of grinding media, we pride ourselves on their performance and quality. Manufacturing is our craft - providing comprehensive technical service to our customers is the core of our ambition.

Grinding balls specification

Wear resistant forged & rolled grinding ball from 20mm~200mm

Superior product: balls over 100mm and balls for SAG mill



Application



SAG Mill

APPLICATION ENVIRONMENT

For SAG milling applications, the diameter of the balls, mill and throw action of the charge provide for a high impact environment - therefore a balance must be achieved between abrasion resistance and impact resistance in SAG balls to avoid excessive breakage.

CHEMISTRY & HARDNESS

Selection of alloy content and hardness is made after careful consideration of the customer's mill operating conditions - particularly the impact environment. For this reason SAG grinding balls undergo further heat treatment processes to ensure the impact performance capability.

Ball Mill

APPLICATION ENVIRONMENT

In ball milling applications, the diameter of the balls, mill and throw action of the charge provides a low-impact environment - hence maximum abrasion resistance of steel balls is the desired characteristic.

CHEMISTRY & HARDNESS

High carbon contents and high hardness levels affect abrasion resistance in steel balls. Selection of alloy content and hardness is made after careful consideration of the customer's mill operating conditions. Chemistry, hardness and ball size are interrelated.

MANUFACTURING PROCESS



Balls are manufactured with **independent machinery** using a roll forging method with a variety of heat treatment techniques depending on the final product requirements.

QUALITY CONTROL FROM RAW MATERIAL



Cooperate with huge special steel plant, to ensure the compositions of raw materials are controlled in the best range.

INSPECTION

		
Digital spectrometer	Digital Rockwell hardness tester	Metallographic analysis system
		
Impact testing machine	Chemical laboratory	Falling sphere tester

RETROACTIVITY

All raw material before and after manufacturing will keep samples in record for one year.

PACKING





Professional Mining Machinery & Parts Manufacturer

www.dr-mining.com

Contact with Lucy Tel: +86-15810513327 Email: luning@dr-mining.com

TECHNOLOGY

Cooperate with famous university and expert to lead the development of technology, increase for efficiency and reduce energy consumption. This policy has gained some excellent achievements.



CONTACT WITH US

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