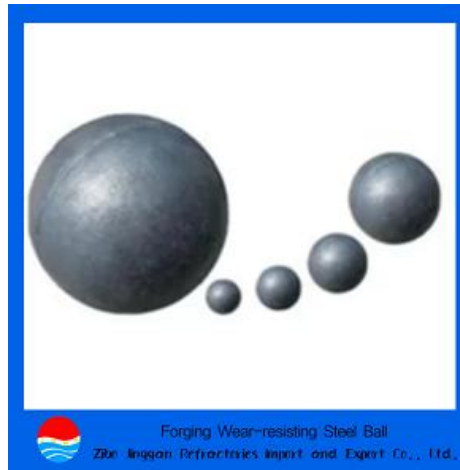


ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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Forging Wear-resisting Steel Ball



1,Introduction: Forging Wear-resisting Steel Ball are made of wear-resistant raw materials, such as 60Mn, 65Mn, through forging, stamping, heat treatment and other processes, eliminates the defects on the surface and inside of the steel ball, such as shrinkage cavity, crack, transgranular and so on, and then obtains the dense internal structure of the product, reduces the phenomenon of grain coarseness, so that the product has good impact resistance, wear resistance and good toughness, not easy to break, which is favored by the majority of users

2,Features of Forging Wear-resisting Steel Ball

- 1) The structure of the product is compact, free of cracks and loose defects
- 2) High hardness, good toughness, product hardness up to 60HRC, impact toughness $\geq 12\text{J/cm}^2$
- 3) Good wear resistance, low wear rate, generally 400-600g / ton mineral powder
- 4) Smooth surface without deformation
- 5) Good corrosion resistance

3,application: cement plant, thermal power plant, phosphate fertilizer plant of iron ore and non-ferrous metal mine, etc

4,Specification: $\phi 30\text{-}150\text{mm}$

5,Main performance parameters

ITEM	UNIT	GL-A	GL-B	GL-C	GL-D	GL-E	GL-F
C %	%	0.42-0.5	0.48-0.56	0.57-0.65	0.62-0.70	0.37-0.45	0.65-0.75
SI	%	0.17-0.37	0.17-0.37	0.17-0.37	0.17-0.37	0.17-0.37	0.20-0.30
Mn	%	0.5-0.80	0.60-1.0	0.70-1.0	0.90-1.0	0.50-0.80	0.75-0.90
Cr	%	0-0.25	0-0.25	0-0.25	0-0.25	0.80-1.1	0.55-0.70
Cu	%	0-0.25	0-0.25	0-0.25	0-0.25	0-0.25	0-0.25

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P	%	0-0.035	0-0.035	0-0.035	0-0.035	0-0.035	0-0.035
S	%	0-0.035	0-0.035	0-0.035	0-0.035	0-0.035	0-0.035
Hardness	HRC	45-55	48-55	55-60	58-65	48-50	58-65
Breakage rate	%	≤1	≤1	≤1	≤1	≤1	≤1
Impact value	J/cm2	≥12	≥12	≥12	≥12	≥12	≥12
Number of falling sphere	times	≥8000	≥10000	≥12000	≥12000	≥8000	≥12000

6.Good feedback of product use effect,the products have been exported to South Korea, Japan, Morocco

7.We are a professional supplier, who can provide customers with free product technology, use and other issues.

Do you want to find a professional supplier of refractory products?

Do you want to find a professional supplier of graphite electrodes?

Do you want to find a stable and credible supplier?

Then let's contact with jinggan company

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