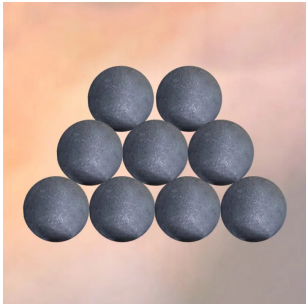


Grinding Media for Ball Mills 40-100 mm

Product datasheet - grinding media and wear parts

Mill Grinding Balls are produced through a fully automated roll-forming process, ensuring uniformity and quality. Each production batch undergoes rigorous testing to determine volumetric hardness, chemical composition, and abrasion resistance, ensuring high standards of performance and longevity.

Our factory is a leading Chinese manufacturer of forged steel balls, specializing in the R&D and production of grinding media. Its forged steel balls enjoy a strong reputation in domestic and international markets, particularly in industries such as mining, cement, and power generation.



Diameter tolerance and roundness

Diameter	40	50	60	70	80	90	100
Diameter roundness (mm)	+/-2	+/-2	+/-2	+3, -2	+3, -2	+3, -2	+4, -3
Roundness(%)	<=2	<=2	<=2	<=3	<=3	<=3	<=4

Technical specification

Material Gr.	Breakage rate	Hardness(HRC)	Impact value(J/cm2)	Drop times(times)	Micro structure
45#	<1%	>=45	>=12	>=8000	M+C
60Mn	<1%	>=55	>=12	>=12000	M+C
65Mn	<1%	>=58	>=12	>=12000	M+C
70Mn	<1%	>=60	>=12	>=12000	M+C
40Cr	<1%	>=55	>=12	>=12000	M+C
70Cr2	<1%	>=58	>=12	>=12000	M+C
B-2	<1%	>=58	>=12	>=15000	M+C
B-3	<1%	>=60	>=12	>=15000	M+C

Ordering notes

Minimum order, lead time and packing are confirmed against the size mix or drawing in your enquiry. Each shipment carries a test report with chemistry, hardness, impact value and breakage rate for the heat. Payment terms: T/T with 30% deposit, or irrevocable L/C at sight. Shipping: FOB Qingdao, CIF or DAP.

Ordering and technical support

Send the mill type, media size or liner drawing, quantity and destination port. We reply with a quotation, packing plan and lead time within 12 hours.

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Product page: <https://grindium.com/products/mill-grinding-ball/forged-grinding-ball/grinding-media-for-ball-mills/>

