

公司简介

济南众维铸锻钢球有限公司始建于2000年,是专业研发生产和销售耐磨钢球的企业,公司位于山东省章丘市距济南机场50公里,距青岛港260公里,地理位置优越,交通便利,物流快捷。公司占地面积15000平方米,注册资金800万元,现有员工150人,其中技术人员21人,年生产能力5--7万吨。

我公司主要产品有锻造钢球、热轧钢球、铸造高、中、低铬钢球、铸段、磨棒,我们依靠先进的生产设备和生产工艺,所生产的钢球硬度高、耐研磨、破碎率低、不失圆等显著特点,广泛应用于水泥建材,矿山选矿,火力发电,化工等领域,出口日本、韩国、南非、赞比亚、马来西亚、菲律宾、印度尼西亚、蒙古、澳大利亚、沙特、智利等20多个国家和地区。

公司通过ISO9001:2008质量管理体系认证,拥有先进的检测设备和完善的检测手段,确保产品的性能优良稳定。实力铸造精品 诚信锻造辉煌,公司将以“质量第一、诚信双赢”的发展理念,为国内外客户提供优质的产品和服务。



济南众维铸锻钢球有限公司 Jinan Zhongwei Casting And Forging Grinding Ball Co.,Ltd

BRIEF INTRODUCTION

Established in 2000, We Jinan Zhongwei casting and forging grinding ball Co.,Ltd, are leading manufacturer and professional exporter of grinding media balls in China. with the annual output of 50,000 to 70,000 metric tons. Our products grinding media balls are mainly exported to more than 20 countries and regions in the world, such as Japan, Korea, South Africa, Zambia, Malaysia, Philippines, Indonesia, Mongolia, Australia, UAE, Chile etc.

Our company is located in Zhangqiu city, Shandong Province, which is provided with superior geographical position and convenient transportation. It is only 50 kilometers' distance to Jinan Airport and 260 kilometers' distance to Qingdao port. Our company covers an area of 15,000 square meters, with eight million registered capital. And there are 150 existing staff, including 21 technicians.

Our main products are forging grinding steel balls, hot rolling balls, and (high,medium,low) chrome alloyed casting iron balls, casting clypebs, grinding rods. Relying on the advanced equipment and production technology, our grinding balls have the advantages of high hardness, good wear resistance, no breakage and no deformation. They are mainly applied to various cement plants, mining, power stations and chemical industries.

To ensure the excellent performance of grinding balls, We've set up flawless quality detection systems, advanced quality control and test equipments. We have also obtained ISO 9001:2008 International Quality System Authentication.

Casting quality with strength, Forging glory with integrity. Insisting on the theory of "Quality first, Credit Goal, and Mutual Profits". We are trying best to supply customers with high quality products and satisfactory service.

We sincerely welcome customers from both at home and abroad to our factory for on-site inspections!

CERTIFICATION



THIRD PARTY INSPECTION



锻造钢球车间 Forged Ball Workshop



热轧钢球车间 Hot Rolling Ball Workshop

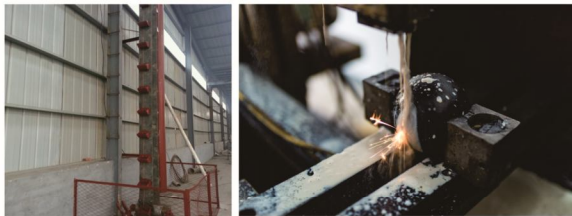


铸造钢球车间 Cast Ball Workshop



质量控制和检测设备

Quality Control And Test Equipment



跌落试验 Dropping Test

抽芯 Cutting



光谱仪 Spectrograph

硬度计 Hardness Test

Impact Test 冲击试验机

锻球、轧球化学成分及力学性能

Forged & Hot Rolling Ball Chemical Composition And Physical Specifications

硬度Hardness 直径重量 Diameter/Weight		C45		60Mn		
		材质 (Material) C:0.42-0.5, Si:0.17-0.37, Mn:0.5-0.8, Cr:≤0.25, P:≤0.035, S:≤0.035, Ni:≤0.25, Cu:≤0.25		C:0.55-0.65, Si:0.17-0.37, Mn:0.7-1.0, Cr:≤0.25, P:≤0.04, S:≤0.04, Ni:≤0.3, Cu:≤0.25		
Diameter 直径(MM)	Weight/PC 单重(kg)	Surface Hardness 表面硬度(HRC)	Core Hardness 芯部硬度(HRC)	Surface Hardness 表面硬度(HRC)	Core Hardness 芯部硬度(HRC)	
20	0.033	55-58	55-58	58-62	58-62	
25	0.064	55-58	55-58	58-62	58-62	
30	0.111	55-58	30-33	58-62	51-55	
40	0.261	55-58	28-31	58-62	51-55	
50	0.512	55-58	27-30	58-62	35-39	
60	0.883	55-58	27-30	58-62	32-36	
70	1.402	53-56	23-26	58-62	31-35	
75	1.73	53-56	23-26	58-62	31-35	
80	2.092	53-56	23-26	58-62	30-34	
90	2.98	50-55	23-26	58-62	30-34	
100	4.087	48-52	23-26	57-61	28-32	
110	5.44	48-52	23-26	57-61	28-32	
120	7.062	48-52	22-25	57-61	26-30	
125	8.008	48-52	22-25	57-61	26-30	
130	9.008	48-52	22-25	57-61	26-30	
140	11.25	48-52	22-25	57-61	26-30	
150	13.83	48-52	22-25	57-61	26-30	
冲击值Impact		≥12Ak.J/cm2		≥12Ak.J/cm2		
跌落次数 Drop Test		>10000		>10000		
公称直径 Diameter		20mm	25mm	30mm	40mm 50mm 60mm	
允许偏差 Tolerance		+1/-0.5 mm		+2/-2 mm		
不圆度Out of Roundness		≤1%		≤2%		
金相组织Microstructure		M+B+C (M-马氏体; B-贝氏体; C-碳化物) (M- Martensite; B- Bainitic; C- Carbide)				



Can be customized according to customer material requirements
可根据客户材质要求定做

B2		B3		B6	
C:0.72-0.85, Si:0.17-0.37, Mn:0.7-1.0, Cr:0.4-0.6, P:≤0.025, S:≤0.025, Ni:≤0.02, Cu:≤0.02, Mo:0.01-0.06		C:0.58-0.66, Si:1.3-1.9, Mn:0.65-0.8, Cr:0.7-0.9, P:≤0.025, S:≤0.025, Ni:≤0.02, Cu:≤0.02, Mo:0.05-0.12		C:0.97-1.03, Si:0.2-0.3, Mn:1.0-1.1, Cr:0.5-0.6, P:≤0.025, S:≤0.025, Ni:≤0.05, Cu:≤0.06, Mo:≤0.02	
Surface Hardness 表面硬度(HRC)	Core Hardness 芯部硬度(HRC)	Surface Hardness 表面硬度(HRC)	Core Hardness 芯部硬度(HRC)	Surface Hardness 表面硬度(HRC)	Core Hardness 芯部硬度(HRC)
60-64	60-64	62-65	62-65	62-65	62-65
60-64	60-64	62-65	62-65	62-65	62-65
60-64	60-64	62-65	62-65	62-65	60-65
60-64	58-62	62-65	60-65	62-65	60-65
60-64	58-62	62-65	60-65	62-65	60-65
60-64	56-60	62-65	60-65	62-65	60-65
60-64	54-58	61-63	60-65	61-63	60-65
60-64	54-58	61-63	58-63	61-63	58-62
59-63	50-54	60-65	58-63	61-63	58-62
57-61	45-49	60-65	58-63	61-63	58-62
56-60	44-48	60-65	58-62	61-63	58-62
55-60	40-44	58-64	53-60	61-63	55-60
55-60	39-43	56-63	53-60	61-63	55-60
55-60	38-42	56-63	54-61	61-63	55-60
55-60	38-42	56-63	50-55	61-63	50-55
55-60	38-42	56-63	50-55	61-63	50-55
55-60	38-42	56-63	50-55	61-63	50-55
≥12Ak.J/cm2		≥15Ak.J/cm2		≥15Ak.J/cm2	
>10000		>12000		>12000	
70mm	80mm 90mm	100	110 120 125	130mm	140mm 150mm
+3/-2 mm		+4/-3 mm		+5/-4 mm	
≤3%		≤4%		≤5%	
M+B+C (M-马氏体; B-贝氏体; C-碳化物) (M- Martensite; B- Bainitic; C- Carbide)					

钢段 Grinding Cylpebs



材质 Material	化学成分 (Chemical Composition)					
	C	Si	Mn	S	P	Cr
低铬Low Cr	2.2-3.4	≤1.2	0.5-1.5	≤0.06	≤0.06	1.0-1.5
中铬Medium Cr	2.0-3.2	<1.0	0.5-2.5	≤0.06	≤0.06	≥5
高铬High Cr	2.0-3.2	<1.0	0.5-2.5	≤0.06	≤0.06	≥10

磨棒 Grinding Rods



材质 Material	化学成分 (Chemical Composition)				
	C	Si	Mn	P/S	Cr
C45	0.42-0.50	0.17-0.37	0.5-0.8	<0.035	≤0.25
60Mn	0.55-0.65	0.17-0.37	0.7-1.0	<0.04	<0.25
B2	0.72-0.85	0.17-0.37	0.7-1.0	<0.025	0.4-0.6
B3	0.58-0.66	1.3-1.9	0.65-0.8	<0.025	0.7-0.9

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包装详情

Grinding Ball Packing Details



Container Bags

Steel Drums

Two Drums with Pallet

Drums in 20GP

Container Bag	Steel Drum	
Net weight 1000kgs for all size balls	Ball Size	Net Weight
	20-30mm	930-1000kgs
	40-60mm	900-930kgs
	70-90mm	830-880kgs
	100mm and above	830-850kgs
Bag: 73×60cm, 1.5kg, 0.252CBM Drum: 60×90cm, 15-20kg, 0.325CBM Pallet: Single: 60×60×9cm, 4-6kg; Double:120×60×10cm,12-14kg		

Reference list:



South Africa: AXIS HOUSE(PTY) LTD



Malaysia: RAUB AUSTRALIAN GOLD MINING
Russia: ASIAN MATERIALS GROUP LIMITED



Ukraine: TRADE GROUP
PROMTEHSERVIS LLC



Brazil: Supergauss Produtos Magnéticos Ltda



Chile: CODELCO is in the investigation and discussion
of cooperation with us.



实力铸造精品
诚信锻造辉煌

ZHONGWEI GRINDING MEDIA



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