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ایرانزوب
IRANZOB CASTING COMPANY

Iranzob Casting Company

Foundry of Grinding Balls, Wear Resistance Cast Iron & Heat Resistance Steels For Cement, Mining and Steel Industry



» Various kinds of Grinding Balls, Cylpebses and Bulpebses:

Balls Dimension :

IZ320Cr11 15-17.5-20-25(mm)	(60-66 HRC)
IZ280Cr14 30-35-40-50(mm)	(60-64 HRC)
IZ220Cr17 60-70-80-90-100-125(mm)	(58-62 HRC)
IZ340Cr30 30-40-50(mm)	(58-62 HRC)
IZ370Cr 25-30-35-40-50-60-80-100(mm)	(Min.48 HRC)

» Cylpebses and Bulpebses Dimensions:

10x10, 12x12, 14x14, 16x16, 19x19, 22x22, 25x25, 30x30 , 32x32, 25x45, 40x40, 45x45 mm

Balls

Grade	%C	%Si	%Mn	%Cr	%Ni	%P Max	%S Max	Hardness(RC)
IZ320Cr11	2.9-3.5	0.3-1	0.3-0.7	10-12	<0.5	0.05	0.08	60-66
IZ280Cr14	2.5-3.3	0.5-1	0.3-0.7	12-14	<0.5	0.05	0.08	60-64
IZ220Cr17	1.8-2.6	0.5-1.1	0.3-0.7	15-17	<0.5	0.05	0.08	58-62
IZ340Cr30	2-2.8	0.5-1	0.3-0.7	29-31	<0.5	0.05	0.08	58-62
IZ370Cr	3.3-3.9	0.5-1	0.3-1	0.5-1.5	—	—	0.08	Min.48

» Various kinds of wear-resistant High Chromium Cast Iron and Steel Castings, Including: Liner and Diaphragm, Wear-resistant Pump Impeller and Casing...

Diaphragm, Liner

Grade	Standard	%C	%Si	%Mn	%Cr	%Ni	%P Max	%S Max	Hardness(RC)
IZ40Cr14	1.2083	0.3-0.5	< 1	< 1	12.5-13.5	-----	0.03	0.03	45-50
IZ140Cr12	1.2379	1.1-1.5	0.3-0.5	0.2-0.5	11-12	-----	0.03	0.03	50-55
42CrMo4	1.7225	0.38-0.45	< 0.6	0.6-0.9	0.9-1.2	-----	0.03	0.03	30-35
25CrNiMo4	1.6515	0.22-0.29	< 0.6	0.6-1	0.8-1.2	0.8-1.2	0.03	0.03	30-35

» Various kinds of Refractory Steel Castings Including: Gate bar, Gate Cooler, Shims, Lifters, and Segments with Different Analysis.

Grade	Standard	%C	%Si	%Mn	%Cr	%Ni	%P Max	%S Max
IZ40CrNi2520	1.4848	0.3-0.5	1-2.5	< 1.5	24-26	19-21	0.035	0.05
IZ40CrNi2512	1.4837	0.3-0.5	1-2.5	< 1.5	24-26	11-14	0.035	0.03
IZ40CrNi229	1.4826	0.3-0.5	1-2.5	< 1.5	21-23	9-11	0.035	0.03
IZ40Cr13	1.4729	0.3-0.5	1-2.5	0.5-1	12-14	--	0.035	0.03
IZ40CrNi264	1.4823	0.3-0.5	1-2.5	< 1.5	25-28	3.5-5.5	0.035	0.03



IRANZOB CASTING COMPANY

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Iranzob Company is specialized in casting different types of balls for cement and mining grinding. Our products are wear-resistant cast iron and heat- and wear-resistant steel parts. In order to employing engaged and experienced workforces with advanced equipment and machinery, Iranzob company is one of the best known companies in the field of casting and a pioneer in this industry.

The company began operations after obtaining its license in 1983. In 1991, We could prepare some important casting parts for cement industry such as grinding balls, diaphragm, liners, grate cooler, segment, grate bar and other refractory and wear-resistant steel parts.

Iranzob Co. is in Isfahan, the birthplace of casting industry, in Iran. Our factory is located at 20th Km. of southwest Isfahan, Oshtorjan Industrial Estate and its head office is in the center of Isfahan city.

Shares of the company were bought entirely by Tuka Foolad Investment Co. in 2002.

Iranzob Co. is now one of the most notable companies under the supervision of Tuka Foolad Holding Company.

In order to improve the functioning of its operating systems, Iranzob Co. managed to install management systems, organizational excellence models, and green management systems and so on. Here are some examples:

1. Integrated Management System (ISO 9001: 2015, ISO 14001: 2015 and ISO 45001: 2018).
2. Organizational Excellence Model based on the EFQM European model.
3. Laboratory quality management system. Certification approved by the General Office of Standard, and Isfahan Industrial Researches as associate laboratory.
4. Brand value system based on ISO 10668:2010 standards.
5. Achieving Iran Green Management Award (Grade III Award).
6. Achieving the title of "Green Industry Unit" from Iranian Environmental Protection Organization.
7. Achieving the Green Training Appreciation in Iran's 4th Green Management Award.
8. Achieving the self-declaration certificate of product registration (# 6300047990) from The Institute of Standards and Industrial Research of Iran(ISIRI).
9. Achieving of the Best Exporter of Isfahan Province.
10. Approval Certificate from Isfahan Mobarakeh Steel Company.



IRANZOB

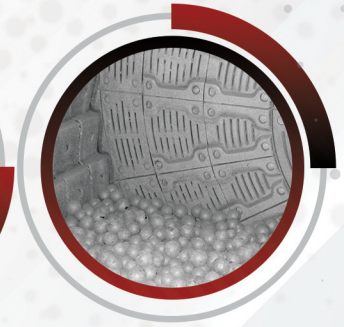
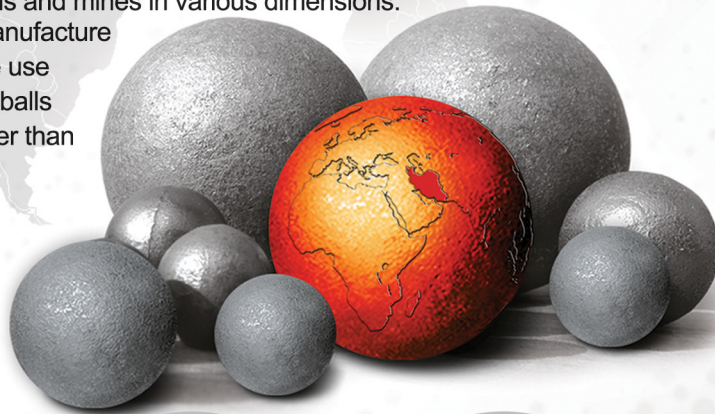
CASTING COMPANY

Iranzob Company has adopted a customer-oriented approach as its axial strategy. For the realization of this approach, it will use all the tools and possibilities available. Targeted marketing based on appropriate customer interaction, creativity and innovation, are the most important work plans of our company.

Iranzob Co. has established close relationships with its customers and is constantly trying to take orders, identifying new domestic and foreign markets and rendering after-sales services to its customers. We sell our products to all domestic cement plants, and the most important industrial companies such as Isfahan's Mobarakeh Steel Company, Isfahan iron melting Company (Zob Ahan-e Isfahan), Kh uzestan Steel Company, Hormozgan Steel Company, Sarcheshmeh Copper Mines Company, Chadormalu Mining & Industrial Co. etc. We have also exported our products to countries such as Italy, Azerbaijan, Emirates, Iraq, Syria, Turkmenistan, Turkey, and Qatar... etc. Thanks to expert workforces and also software for the simulation of casting process and components freezing, three-dimensional design, and up-to-date drawing softwares, the company designs casting parts, with the highest yield and hardness with no apparent and internal default.

The large number of cement plants in the country, certifies that fact with low wear rates of balls produced by Iranzob and a record of 6.3 gr/ton. Our company is also able to design and manufacture liner components and diaphragms for the body of cement mills and mines in various dimensions.

Iranzob Company also manufacture white cast iron that can be use instead of forged grinding balls because its quality is higher than forged steel balls and its price is same as them.



Italy



Armenia



Tunisia



Turkmenistan



Pakistan



Syria



Iraq



Azerbaijan



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