

Products

Industry Rolls & Rollers



Casting Mill Rolls

We develop Honsin Mill Rolls Solution to help our customer to have the best rolling experience. We believe a single roll quality may not always be suitable for all stands in a rolling mill. We can help in designing and using the best and most suitable ...



Centrifugal Casting Definite Chilled Cast Iron Roll

Centrifugal Casting Definite Chilled Cast Iron Roll The rolls exhibit improved mechanical properties due to presence of chilled surface structure and the change of pine-tree-like structure . The hardness and type of matrix of roll depend on conditions...



Centrifugal Casting Alloy Indefinite Chilled Roll

Centrifugal Casting Alloy Indefinite Chilled Roll The outer

layer exhibits a remarkable mechanical performance and the quantity of graphite in the roll work layer remains basically unchanged along the depth, producing therefore no adverse effect...



Centrifugal Casting High Chrome Roll

Centrifugal Casting High Chrome Roll Thanks to its high content of M_7C_3 , type carbide in range of 20-30% and discontinuous network distribution of carbide, the roll offers a high wear resistance performance. The matrix is finely-disseminated secondary...



Centrifugal Casting High Speed Steel Roll

Centrifugal Casting High Speed Steel Roll The outer layer is a complicated carbide structure of high-carbon steel alloys containing Cr, Mo, W, V, Ni and Nb, which is inlaid into the martensite structure. Through control of carbon control and compreh...



Centrifugal and Static Casting Steel Base Adamite Roll

Centrifugal and Static Casting Steel Base Adamite Roll Its micro-structure is composed of matrix and carbide with carbon content of 1.3-2.3% depending on content of alloy and heat treatment process. The matrix consists of pearlite and bainite, w...



Spheroidal Graphite Cast Iron Roll

Spheroidal Graphite Cast Iron Roll Thanks to its higher content of Ni and Mo alloys, pearlite, bainite and martensite matrixes with excellent performance are produced. The graphite is spherical form, demonstrating good heat transfer property and...



Forged Mill Rolls

We develop Honsin Mill Rolls Solution to help our customers to have the best rolling experience. Our forged rolls are made from major forged steel with 2%/3%/5% Chrome content. The forged blank is ESR grade with forged ratio superior than 3. Our products...



Forged Working Rolls

Forged working rolls Forged steel working roll performs as a tool to transform materials under normal room temperature. It is the most wear and tear spare parts during the rolling process. By using 2%Cr,3%Cr,5%Cr materials series, Honsin rolls s...



Forged Intermediate Rolls

Forged intermediate rolls Forged steel intermediate roll applies to high precision 6-Hi (as well as a few 8 Hi) mills. its name is from the working location between working roll and back-up roll. The intermediate rolls are mainly used to control...



Forged Back Up Rolls

Forged Back up rolls Forged steel back-up roll is mainly used in 4 Hi and 6 Hi mills. The diameter of roll barrel can be 350mm - 1600mm. The materials of back-up include 9Cr2Mo, 86CrMoV7, 70Cr3Mo and 45Cr5NiMoV. Hardness Curve of Back up...



Tungsten Carbide Roller

Cemented carbide roll ring, also known as Tungsten carbide roll ring, possesses very good thermal conductivity property. Under the condition of high temperature, compared to other materials, the hardness keeps stable and it provides much better heat resistance,...



Ceramic Rolls for furnace

Ceramic Rolls for high temperature furnace Other ceramic rolls are available with the materials below : Honsin Ceramic Roll® Series- Fused Silica Ceramic Roller (Presentation below) Honsin Ceramic Roll® Series- Alumina Ceramic Roller (con...



[Furnace Roll](#)

Furnace Rolls Furnace rolls convey steel sheet in high-temperature environment. These rolls are designed and built to be used inside the furnace. Honsin standard Furnace rolls are designed to have excellent heat, anti-corrosion and wear-resistant ...



[Package Printing Rolls](#)

Honsin Industry as a rolls research and production specialist offers a large range for carton packing, printing, plastics, leather and other related industries. We have served successfully both domestic and international customers and now becomes one...

[Graphite Products](#)



[Graphite Electrode](#)

Continuous development in Electric Arc Furnaces (EAF) & Ladle Technology has led to the need of Graphite Electrodes of very stringent quality. The common requirements remain better consumption norms and least electro mechanical problems. From Reg...



[Graphite Crucible](#)

Honsin Industry Graphite Crucibles Solution: The crucible is a utensil or melting tank vessels that is made of refractory material (such as clay, graphite, clay, quartz or difficult molten metal iron, etc.). Honsin Industry is specialized in high...



[Isostatic Graphite Blocks & Rounds](#)

Formed by means of CIP (cold isostatic pressing) technique, isostatic graphite is characterized by its homogeneous structure and excellent isotropic electrical, thermal and mechanical properties. Sometimes it is purified in special-designed graphitization...



[Specialty Graphites](#)

Graphite has the properties of electric and thermal conduction which belongs to metallic material. But also it has plasticity, thermal resistance, chemical stability and lubricating ability. These properties make Graphite material able to satisfy very...

[Refractory Products](#)

Because we know each single refractory part is playing a capital role in the whole production process. We spend time to have a accurate "picture" of our customers' production and

furnaces conditions. Our engineers continuously help each customer to s...



EAF Refractory

Refractory products for EAF application



Magnesia Carbon Brick

Magnesia carbon brick formed by fused magnesite, high-purity magnesium sand and graphite through high-pressure molding and low-temperature treatment. This product is mainly used for EAF lining, presents advantages as high temperature resistance...



Taphole Block

Taphole block is molded at isostatic pressure with fused magnesia and graphite as raw material. It is characterized by strong oxidation resistance, high strength and high corrosion resistance. It is ideal material for taphole of large and medium furnaces....



Ramming Mass

Honsin Group Ramming Mass for EAF is characterized by : high corrosion & erosion resistance against molten steel and slag

good sintered Layer good service life It is a ideal EAF furnace repair maintenance and construction solution...



Gunning Mix

Honsin Group EAF gunning mix is made by magnesia / magnesia-calcium material. It is characterized by high bonding strength, good corrosion resistance and non-spalling. When the work temperature is higher than 1000℃, it works well and the adhesion r...



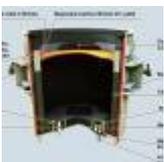
Delta Sections EAF

Honsin designs and supplies delta sections for EAF which is made by castables to increase the work life. We supply these delta sections in our assembly parts plant under customer's specifications or according to our own design and provide specific d...



Filling Sand

Filling Sand is filler which is used in EAF taphole. Honsin Group designs and supplies it for EBT to molten steel flow control. Typical product characteristics tables : Brand HSCG-1 HSCG-2 Chemical composition/%, ≥ ...



Ladle Refractory

Refractory products for Ladle application



Magnesia Alumina Carbon Brick

Magnesia Alumina Carbon Brick / Alumina Magnesia Carbon Brick / Magnesia Calcium Brick Magnesia alumina carbon bricks with high grade magnesite, corundum, spinel and graphite as raw materials, bonded by resin, are characterized by good slag resistance, ...



Magnesia Carbon Brick for Ladle

Magnesia carbon brick with fused magnesite, high purity magnesite and graphite as raw materials, pressed at high pressure and treated at low temperature, this product characterized by high strength, erosion and spalling resistance. It is mainly u...



Magnesia Chrome Bricks

Honsin series of magnesia-chrome bricks are composite basic refractory products, made by magnesite and chromite which are burned at high temperature or ultra-high temperature. The products show the features of excellent resistance against slag, high...



Ladle Castables

Ladle castables are produced from corundum aluminum magnesia spinel and fused magnesite. Honsin Group develops the micro-power technology and additive agent for a high performance quality, which is characterized by : good construction function ...



Ladle Gunning Mix

Ladle gunning mixer with high grade magnesia, spinel, special binder and additive. It is characterized by good adhesion, high bonding strength, low rebound rate, easy sintering, good corrosion and erosion resistance. This product is ideal material...



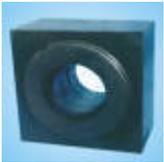
Self-flow Castables

Self-flow castables (SFC) is a innovative castable. It can be applied in all areas where applications require low cement, ultra-low cement and non-cement castables. Both mullite based Self-flow castables and alumina-based ones can be applied for the ...



Lower Nozzle and Upper Nozzle

Lower Nozzle Honsin series of lower nozzles for ladle are made from corundum, bauxite, flake graphite, antioxidant and phenolic resin. They are characterized by excellent thermal shock resistance, stable performance, good excellent corrosion and e...



Ladle Nozzle Well Block

Honsin series of well blocks for nozzles are made from high-purity, high-density, high-strength materials. They show the features of stable structure, excellent thermal shock resistance, good corrosion/erosion resistance and long service life Typical...



Ladle Slide Plates

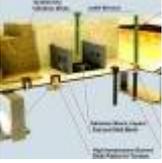
The Alumina-carbon slide plates show the feature of lower percentage of carbon content, which will avoid the working surface of slide plates from being greatly roughened. They are suitable to both low-carbon and super-low-carbon steel grades. Honsin ...



Ladle Purging Plugs

HST series of purging plugs Made from high-purity, high-density, high-strength corundum based materials and matrix-adjusted system(MAS), HST series of purging plugs, with the unique radiated through-slots structure, show the features of

stable...



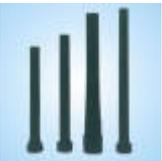
Tundish Refractory

Refractory products for Tundish application



Mono Block Stopper (Stopper rod)

Honsin Group develops multiples kinds of stoppers by selecting different raw materials properties : aluminum carbon based, aluminum-zirconium carbon based aluminum-magnesia carbon based. Our products perform well in very strict conditions ...



Ladle Shroud

Honsin Group supplies different categories Ladle Shroud such as : reheating type non-preheating type argon blowing type and not argon blowing type Different kinds of materials have been rigorously selected, tested to offer our customers ...



Submerged Entry Nozzle

Honsin Group supplies different categories submerged entry nozzles such as : plug-in type hanging type fast changing type Different kinds of materials have been rigorously selected,

tested to offer our customers the most adapted solution ...



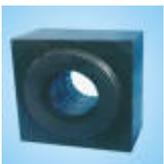
Zirconia Metering Nozzle

The Zirconia metering nozzle is specially used for the Tundish gating system without plug stick in the small square-base continuous casting machine. It is perfectly adapted with multi-thread and small square-base continuous casting machine. All our...



Tundish Slag Dam and Impact Plate

Tundish Slag Dam The Tundish slag dam is an auxiliary product in the Tundish. It is used to separate slag, prevent slag going into moulds and improve steel quality. This product is characterized by good erosion resistance, high-temperature stability. Our e...



Tundish Well Block

Selected from high-quality raw materials with rigorous production process. Honsin Group Tundish well block can be used with multiples kinds of Tundish nozzles. Our Tundish well block shows excellent strength, high thermal shock stability and erosion...



Tundish Castable

Honsin Group Tundish castable is formed with extra alumina as the principal raw material. It is characterized by the stability of heat and shock resistance, high strength without chipping. Typical product characteristics tables : Item ...



Dry Vibration Mix

This product is mainly used for Tundish lining. It is characterized by easy usage. It allows to prevent molten steel from refractory pollution efficiently. Without adding water during the installation, construction time is dramatically reduced. Typical...



Tundish Spray Mixes

Spray mixes become priority selection of Tundish working linings for lots of steel plants. By using spray mixes, continuous casting time can be extended to 25 hours or more. Typical product characteristics tables : Item HSTM-1 ...



Plates - Plugs - Nozzles

According to the customers' production and furnace working conditions, we can analyze, select and supply different types of prefabricated refractory parts for different application types. For Ladle Description Material ...

Casting Consumables



Copper Mould - Tube & Plate

Copper mould tube Copper mould is placed in the heart position of continuous casting machine, its function is to solidify the liquid steel pouring through the submerged entry nozzle, and guarantees required billet, bloom, and slab with enough thick...



Foundry Sand - Ceramsite

Bauxitic Casting Pearls (also called 'Ceramsite') are innovative spherical casting sand developed in the Far East initially for the discerning Japanese markets. With the excellent casting property feedback and lower price. Ceramsite has already conquere...



Cored Wire

Cored wire Cored wire provides the highest recovery rate, and increases productivity in the secondary metallurgical process. We have wire that improves core consistency which provides an accurate core to steel percentage. The ratio of core to steel...