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PENGLAI TRADING 

朋来商贸有限责任公司
TANGSHAN PENGLAI TRADING CO., LTD

MDKJKLLAKJKS

FDLKSDDIKIRPLFLMBKJQADSHYJCNKLKXHJIKMM

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超越自我

THE SUPEREGO

创新拼搏

INNOVATION, STRIVING

精诚合作

COOPERATE WITH

互利共赢

MUTUAL BENEFIT AND WIN-WIN RESULTS



Company Profile

企业简介

Tangshan Penglai Group was established in 2008, and the total registered capital is RMB 10,000,000. Our group is a collection of research and development, production and sale comprehensive industry & trade enterprise. There are six departments in our group. They are administrative management department, financial management department, risk control department, international trade department, steel realty department and market management department. At present, our group owns four subsidiaries all over China, which are Tangshan Penglai Trading Co., Ltd, Tangshan XinMiao Trade and Industry Co., HuaRui refractory material Co., Ltd, Tangshan First Cement Factory. Our group involves in Domestic, International, Steel product, fireproofing material, cement products and so on.

The steel realty department is responsible for producing all kinds of steel product and rolling products, the market management department takes charge of selling iron ore powder, coke, coal, billet steel, strip steels, profile steel, the steel plate, screw and all kinds of finished steel products, refractory material in the domestic, the international trade department is mainly in charge of foreign business: imported iron ore and exported the steel products - strip steels, hot & cold rolled steel coils and plates, galvanized steel coils and plates, profile steel, steel pipes and various kinds of finished steel products, fireproofing materials and so on. The annual sales are expected to USD 20,000,000.

The rapidly developing Tangshan Penglai Trading Company, our international trade mainly involves Central Southeast Asia, Africa, East Asia, Middle East, South America and Oceania. Our next development targets is, based on geographic coverage, take big cities as core, establish our subsidiaries in foreign countries. Through combination with regional characteristics, copy head office management mode, belt surface, springing up everywhere, alliance operation, enlarge management and area and scope rapidly!

After years of developments, based on honesty, sticks to "success by intelligence, achievement by integrity" business philosophy, pay high attention to the enterprise products quality and customer service, give full play to various advantages company's capital, markets, technology and production, we had been established very good cooperation relationship with our customers and won high credibility and good reputation in steel industry.





Company Culture

企业文化



★ Business Philosophy

Based on integrity, start from customer benefits, to realize mutual benefits.

★ Employment Philosophy

In the basis of strivers and the center of common development, insist on hard work for a long term.

★ Vision

Taking quality and talent as the basis and the combination of industry and trade as the business model, strive to become first-class quality enterprise, and constantly enlarge the enterprise influences, to develop the enterprise scientifically.





Enterprise Qualification 企业资质



Our Customers

客户合影



With our Indonesian customer



Kenyan customer

customer from UAE



with our Brazil customer

customer from Dubai



Mexican customer

Packing Photos

装箱照片

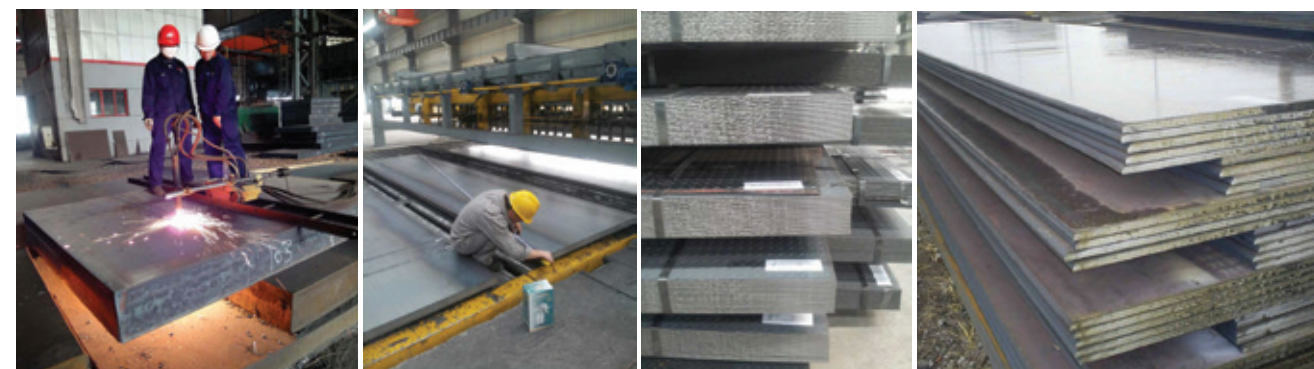




STEEL PLATE

钢板

PRODUCT NAME	MARK	SPECIFICATION (mm)	EXECUTIVE STANDARD
普通碳素结构钢板 Carbon Structural Steel	Q235A/B/C/D, SS400, A36, SM400A, St37-2, SA283GrA, S235JR, S235J0, S235J2	According to special requirements	GB/T 700(GB/T3274), JISG3101, ASTM, JISG3106, DIN17100, EN10025
低合金高强度结构钢板 Low Alloy High Strength Structural Steel	Q345A(16Mn), Q390A(15MnV), Q420A(15MnVN), S420N, Q460C, S460N, A572Gr50, SM490B, St52-3, S275JR, S355JR, WH60A		GB/T 1591, EN10025-3, ASTM, JISG3106, DIN17100, EN10025
石油管线钢 Wide Heavy Plate for Oil and Gas Pipeline	L245, L290, L320, L360, L390, L415, L450, L485		GB/T 21237-2007
	B, X42, X46, X52, X56, X60, X65, X70		
耐候焊接钢板 Weathering Steel for Welding	Q235NH, Q295NH, Q355NH, Q415NH, Q460NH, Q500NH		GB/T 4171-2008
建筑结构用钢板 Steel for Building Structures	Q235GJ, Q345GJ, Q390GJ, Q420GJ, Q460GJ		GB/T 19879-2005
优碳结构钢板 Quality Carbon Structural Steel	08-70, 20Mn-65Mn		GB/T 711-2008
造船用钢板 Structural Steel Plate for Hull	A, B, D, E, AH32, DH32, EH32, AH36, DH36, EH36		Ten classification society certificate can be provided.
锅炉及压力容器用钢板 Steel Plate for Boiler and Pressure Vessel	Q245R, Q345R, 16MnDR, (S)A515Gr-60, (S)A515Gr-70, (S)A516Gr-60, (S)A516Gr-70		GB 713, GB3531, ASME
美标容器板 US Standard Container Board	Q516-55, A516-60, A516-65, A516-70		ASTM A516-06
美标碳素结构钢 US Standard Carbon Structural Steel	A36, A36-B		ASTM A36-05
英标钢板 EN Steel Plate	S235JR, S235J0, S235J2, S275JR, S275J0, S275J2, S355JR, S355J0, S355J2		EN 10025-2
日标普通结构钢 JIS Standard Rolled Steel for Ordinary Structures	SS330, SS400, SS400-B		JIS G3101-2004
日标焊接结构钢板 JIS Standard Rolled Steel for Welding Structures	SM490A, SM490A-B, AM490B, SM490C		JIS G3106-2004



HOT ROLLED PLATES AND STRIPS 热轧板带

产品名称 Product Name	用途及特点 Application and Features	牌号和执行标准 Grades and Standards	供货技术条件 Technical Delivery Conditions	
			产品规格 Product specifications	交货状态 Delivery conditions
结构用热轧钢带 Hot rolled structural steel strip	具有良好的焊接和机械性能，适用于焊接、铆接、铰接及一般结构件用。 With excellent weldability and mechanical properties, and be suitable for welding, riveting, hinging and general structure purpose.	产品牌号 Grades: Q195, 235A/B/C/D 执行标准 Standard: Q/TB202	厚度 Thickness: 1.2-12.7(mm) 宽度 Width: 850-1650(mm)	钢带以热轧状态交货 Delivered in hot rolled state.
日标结构用热轧钢带 Hot rolled structural steel strip Japanese standards		产品牌号 Grades: SS330, SS400, SS490, SS540 执行标准 Standard: JIS G3101, Q/TB202		
欧标结构用热轧钢带 Hot rolled structural steel strip European standards		产品牌号 Grades: S235JR/J0/J2, S275JR/J0/J2, S355JR/J0/J2 执行标准 Standard: EN 10025-2: 2004		
低合金高强度结构用热轧钢带 Hot rolled high strength low alloy steel strip for structure	具有较好的综合性能及低温韧性，适用于桥梁、起重机械、车辆、建筑结构等。With preferable comprehensive properties and low temperature toughness, it is suitable for bridge construction, hoisting machinery manufacturing, vehicle and building structure.	产品牌号 Grades: Q345A/B/C/D, Q420 A/B/C/D, 460C/D, Q500C/D, Q620C/D, Q690C/D 执行标准 Standard: GB/T1591, Q/TB202		
冷成型用热轧钢带 Hot rolled strip for cold forming	具有良好的焊接性能，适用于冷成型、焊接、铆接、铰接及一般结构件用。The product is characteristic of excellent weldability, and suitable for cold forming, welding, riveting, hinging and general structure purpose.	产品牌号 Grades: SPHC, SPHD, SPHE, DD11(StW22), DD12(StW23), DD13(StW24) 执行标准 Standard: Q/TB203-2007, JIS3131, DIN1614, EN10111	厚度 Thickness: 1.8-12.7(mm), 1.2-12.7(mm) 宽度 Width: 850-1520(mm), 850-1650(mm)	钢带以热轧状态交货 Delivered in hot rolled state
船体结构用热轧钢带 Hot rolled strip for hull structure	一般强度船体结构用 A 级钢，可广泛应用与内陆江河和海上运输的船只制造上。Grade A strip is a kind of steel with moderate strength and can be widely used for the manufacturing of ships travelling at inland rivers and sea.	产品牌号 Grades: A 执行标准 Standard: GB 712, CCS	厚度 Thickness: 1.2-12.7(mm) 宽度 Width: 850-1650(mm)	钢带以热轧状态交货 Delivered in hot rolled state
热轧石油天然气用钢带 Hot rolled strip for oil and gas industry	本产品具有良好的焊接性能和耐磨性能，广泛应用于石油开采的油井套管用钢。The product is characteristic of excellent weldability and wear resistance and can be widely used to manufacture oil casing pipe for oil drilling.	产品牌号 Grades: J55, H40 执行标准 Standard: GB 712, CCS	厚度 Thickness: 1.8-12.7(mm) 宽度 Width: 850-1520(mm)	钢带以热轧状态交货 Delivered in hot rolled state
石油套管用热轧钢带 Hot rolled strip for oil casing pipe	本产品具有良好的焊接性能和耐磨性能，广泛应用于石油开采的油井套管用钢。The product is characteristic of excellent weldability and wear resistance and can be widely used to manufacture oil casing pipe for oil drilling.	产品牌号 Grades: J55, H40 执行标准 Standard: API Spec 5CT, Q/TB205	厚度 Thickness: 1.8-12.7(mm) 宽度 Width: 850-1520(mm)	钢带以热轧状态交货 Delivered in hot rolled state
石油天然气输送管用热轧宽钢带 Hot rolled wide strip for line pipe of petroleum and natural gas	该系列产品具有良好的焊接性能和低温冲击性能，用于是由、天然气管道的制造。The products is characteristic of excellent weldability and low temperature toughness and can be used for pipe for oil and gas transportation.	产品牌号 Grades: L245R/BR, L290R/X42R, L245M/BM, L290M/X42M, L320M/X46M, L360M/X52M, L390M/X56M, L415M/X60M, L450M/X65M 执行标准 Standard: API 5L/PSL2, Q/TB208	厚度 Thickness: 1.8-12.7(mm) 宽度 Width: 850-1520(mm)	钢带以热轧状态交货 Delivered in hot rolled state
优质碳素钢热轧钢带 Hot rolled quality carbon steel strip	具有良好的焊接和热处理性能，用于制作链条和刀具等。The product is characteristic of excellent weldability and hardenability, and can be used for chain and cutting tools manufacturing.	产品牌号 Grades: 20, 45, 50, 60 40Mn, 65Mn, S50C, S55C 执行标准 Standard: GB/T711, JT015-2010, JT-17-2010	厚度 Thickness: 1.2-12.7(mm) 宽度 Width: 850-1650(mm)	钢带以热轧状态交货 Delivered in hot rolled state
焊接气瓶用热轧钢带 Hot rolled strip for welded gas cylinder	具有良好的焊接和成形性能，适用于生产制造焊接气瓶类产品。With good weldability and formability, it is suitable for the manufacturing of welded gas cylinder.	产品牌号 Grades: HP245, HP265, HP295, HP325, HP345 执行标准 Standard: GB/T 6653-2008	厚度 Thickness: 1.8-12.7(mm) 宽度 Width: 850-1520(mm)	钢带以热轧状态交货 Delivered in hot rolled state

冷轧

COLD ROLLED STEEL COIL

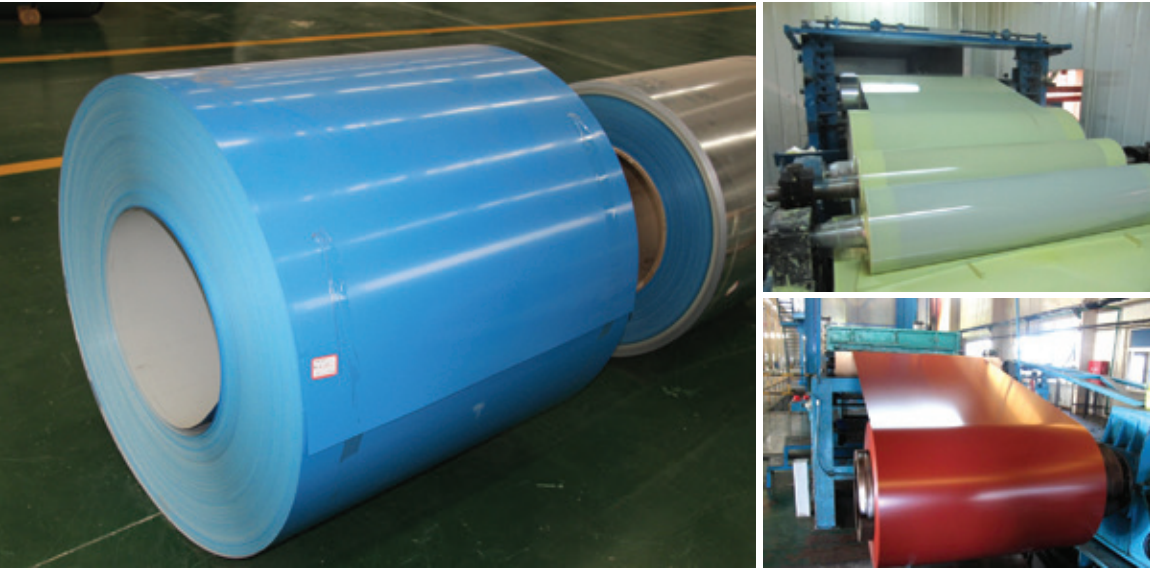


产品名称 Product Name	规格 Specification (mm)	产品牌号 Grades	执行标准 Executive Standards
冷轧低碳钢带 Cold rolled low carbon steel strip	0.4-2.5 1000-1540	DC01, DC03, DC04, SPCC, SPCD, SPCE	Q/TB303-2011, EN10130, Q/TB302-2011, JIS G3141-1996
冲压用冷轧低碳钢带 Cold rolled low carbon steel strip for drawing	0.14-2.5 1000-1540	DC014, SPCE	EN10130, JIS G 3141
冷轧碳素结构钢带 Cold rolled steel strip for structure	1.6-5.0 1000-1650	Q235, LQ215, THD	GB/T11253-2007, 2011JX(27), 2011JX(21)
热轧酸洗钢带 Hot rolled pickled steel strip	0.35-2.0 1000-1540	SPHC, SPHD, SPCE, SS330, SS400, SAPH370, SAPH400, SAPH440, TCX420L, TCX510L	Q/TB204-2011, JIS G3131-1996, Q/TB202-2007, JIS G3101-1995, JT006-2011, JIS G 3113-1990, 2011JX(37), 2011JX(38)
冷轧热镀锌钢带 Cold rolled hot-dip galvanized steel strip	0.16-2.0 600-1500 Coating Weight (g/m ²): 30-275 Inner diameter (mm): 508/610 Surface Structure: skin-passed, no spangle or normal spangle Surface treatment: Oiled, passivation or chromium-free passivation, passivation+oiled, chromium passivation + oiled, resistant to fingerprints or chromium-free resistant to fingerprints	DX(X)51D+Z, DX(X)52D+Z, DX(X)53D+Z, S220GD+Z~S350GD+Z, CSA, CSB, FSA, FSB, SS230, SS255, SS275, SS340, SGCC, SGCD, SGC400, SGC440, S390GD+Z, S450GD+Z	GB/T2518-2008, EN 10346-2009, JIS G 3302-1996, ASTM A 653
热轧热镀锌钢带 Hot rolled hot-dip galvanized steel strip	1.8-5.0 1000-1500 Coating Weight (g/m ²): 60-600 Inner diameter (mm): 508/610 Surface Structure: skin-passed, no spangle or normal spangle Surface treatment: Oiled, passivation or chromium-free passivation, passivation+oiled, chromium passivation + oiled, resistant to fingerprints or chromium-free resistant to fingerprints	DD(X)51D+Z, S220GD+Z, S250GD+Z, S280GD+Z, S320GD+Z, S350GD+Z, SGHC, SGH340, SGH400, SGH440, SGH490, SGH540	JT006-2009, JIS G3302-1998, EN10346-2009, ASTM A653
连续热镀锌钢带 Hot-dip aluminum-zinc alloy-coated steel strip	0.16-2.0 600-1500 Coating Weight (g/m ²): 60-600 Inner diameter (mm): 508/610 Surface Structure: skin-passed, no spangle or normal spangle Surface treatment: Oiled, passivation or chromium-free passivation, passivation+oiled, chromium passivation + oiled, resistant to fingerprints or chromium-free resistant to fingerprints	CSA, CSB, CSC, FS, SS230, SS255, SS275, SS340, DC(X)51D+AZ, DC(X)52D+AZ, S220GD+AZ~S350GD+AZ	GB/T14978-2008, ASTM A792

COLOR COATED

彩涂

PPGI Specification				
Base material	GI			Hot dip aluminum-zinc
Thickness(mm)	0.18-2.5			0.22-1.2
Width(mm)	700-1000	1200	1219	1250
Length	As customers' requirement			
Regular Color	Ocean bule, wine red, Chocolate brown, Grey white, or as customers' need			
Kind of coating	PE , SMP, PADF			
Surface Coating structure	twice painted top side, one back side			
End use	Building proof, greenhouse, machinery, furniture etc.			
About Base material				
Standard	Grade		Base material	
TDC51D	DX51D+Z		SGCC SGHC	
TDC52D	DX52D+Z ,ZF			
TSECC	SECC		SPCC SPCD SPCE	
TSECD	SECD			
TDC51D+AZ	DX51D+AZ		SGCC SGHC	
TDC51D+AZ	DX52D+AZ			



工字钢和H型钢

THE I-SHAPED STEEL AND H STEEL

公称尺寸 Normal size (mm)	标准尺寸 Standard Sectional Dimension (mm)			截面面积 Sectional Area (cm ²)
	H	B	d	
100	97.6	55	3.6	4.7
120	117	64	3.8	4.8
140	136.3	73	3.8	5.2
160	156.6	82	4	5.6
180	176.4	91	4.3	6.2
200	196.9	100	4.5	6.7
IPE	H	B	d	t
80	80	46	3.8	5.2
100	100	55	4.1	5.7
120	120	64	4.4	6.3
140	140	73	4.7	6.9
160	160	82	5	7.4
180	180	91	5.3	8
200	200	100	5.6	8.5
220	220	110	5.9	9.2
240	240	120	6.2	9.8
270	270	135	6.2	10.2

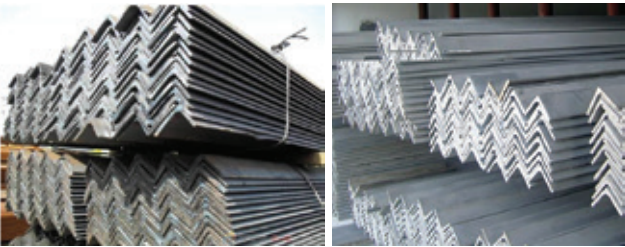
H beam Japanese standard			
Dimension (mm)			
H	B	t1	t2
100	50	5	7
100	100	6	8
125	60	6	8
125	125	6.5	9
150	75	5	7
198	99	4.5	7

H beam Chinese standard			
Dimension (mm)			
H	B	t1	t2
100	100	6	8
100	50	5	7
125	60	6	8
150	75	5	7
198	99	4.5	7
200	100	5.5	8

工字钢 I Beam Standard				
IPEAA	Demension (mm)			
	h	b	t1	t2
100	100	55	3.5	4.7
120	120	64	3.8	4.8
140	140	73	3.8	5.2
160	160	82	4	5.6
200	200	100	4.5	6.7
IPE	Demension (mm)			
	h	b	t1	t2
100	100	55	4.1	5.7
120	120	64	4.4	6.3
140	140	73	4.7	6.9
160	160	82	5	7.4
200	200	100	5.6	8.5



ANGLE STEEL 角钢

EQUAL ANGLE BAR	UnequalAngle		
MATERIAL: A36/S235JR/ Q235/Q345/SS400/ST37- 2/ST52/Q420/Q460	尺寸 size (mm)		
SIZE (mm)	50x30		
20x20	50x40		
25x25	60x40		
30x30	63x40		
35x35	65x40		
40x40	65x50		
45x45	75x50		
50x50	90x65		
60x60	100x50		
65x65	100x63		
70x70	100x65		
75x75	100x75		
80x80	125x75		
90x90	150x75		
100x100	150x90		
120x120	150x100		
125x125	200x100		
130x130	200x150		
150x150			
180x180			
200x200			

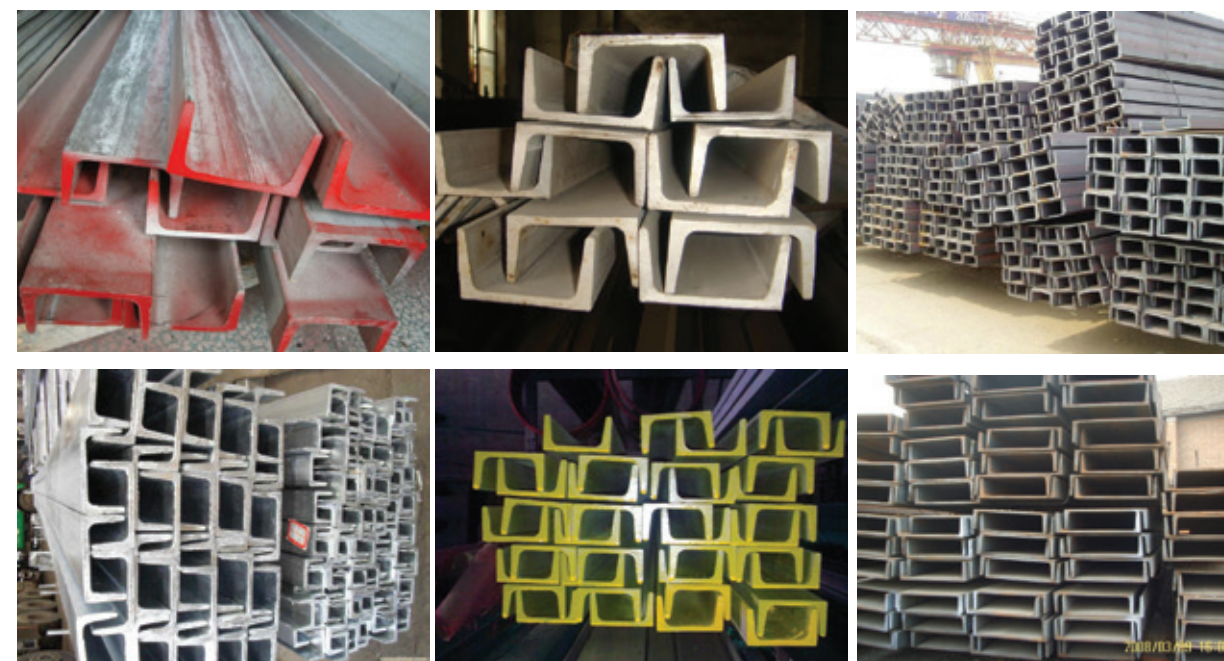
槽钢

ANGLE STEEL

热轧槽钢 HOT ROLLED U CHANNEL		
Dimension (mm)	Web Thickness (mm)	Flange thickness (mm)
50*25	3.00-5.00	6
75*40	3.8	7
75*40	4	7
75*40	4.5	7
75*40	5	7
100*50	3.8	6
100*50	4.2	6
100*50	4.5	7.5
100*50	5	7.5
125*65	5.2	6.8
125*65	5.3	6.8
125*65	5.5	8
125*65	6	8
125*65	6	8
150*75	5.5	7.3
150*75	5.7	10
150*75	6	10
150*75	6.5	10
200*80	7.5	11
250*90	9	13
300*90	9	13

等边冷弯槽钢 Cold-bent equal edge channel steel		
H	B	t
50	30	3.0
60	40	4.0
70	30	3.0
80	40	4.0
100	50	4.0
120	60	4.0
180	100	5.0
200	200	6.0
250	80	6.0
300	80	6.0

内卷边槽形冷弯钢 Edge curl cold-bent channel steel			
H	B	C	t
25	25	8	1.2
40	40	15	2.0
50	40	15	3.0
60	30	10	3.0
100	60	25	4.0
120	60	25	4.0
140	60	25	4.0
160	60	20	3.0
200	75	25	4.0
250	50	25	4.0



STEEL PIPE

钢管

SPECIFICATION	MATERIAL	STANDARD	OD(mm)	THICKNESS (mm)
Square Steel Pipe	Q195, Q215, Q235, Q345	BS EN10296, BS EN39, GB 5310-1995	15*15-600*600	0.6-20
Seamless Pipe	10#, 20#, 45#, A53(A,B), Q235, Q195, Q215, Q235	BS1387,BS4568, BS31,GB/T 3901	22-530	2.5-30
Hot-dipped Galvanized Steel Pipe	Q195, Q235, Q345 ZN:200-350g/m ²	ASTMA53A, BS1387-1985, GB/T3091	20-355.6	0.6-12
Welded Tube	Q195, Q215, Q345, Q235	BS1387,GB5310/1995,GB3087/1999,ASTMA106/2006, ASTMA312/2001, ASTMA53/2007 ASTM A182/2001, API5CT, API5L, DIN1626	20-2620	10-219



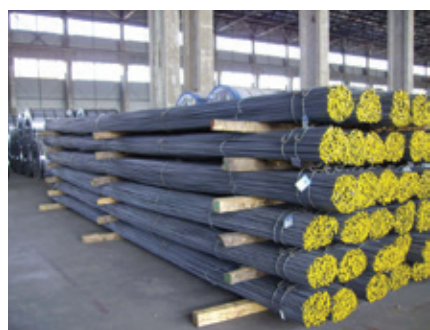
棒材和线材
BAR AND WIRE

Bar Products				
产品名称 Product Name	规格 (mm) Specifications	产品牌号 Grades	执行标准 Executive Standards	交货状态 Delivery conditions
钢筋混凝土用热轧带肋钢筋 Hot-rolled ribbed bars for reinforced concrete	6-40	HRB335, HRB400, HRB500, HRB335E, HRB400E, HRB500E, Grade 300, Grade 460, Grade 420, Grade 520.	GB1449.2, ASTM A615/ A615M,, BS4449, ASTM A706/706M, ASTM A767/767M	钢带以热轧状态交货 Delivered in hot rolled state.

Wire Products			
产品名称 Product Name	规格 (mm) Specifications	产品牌号 Grades	执行标准 Executive Standards
优质碳素钢热轧盘条 Hot rolled quality carbon steel wire rods	6,5,8,10	40, 45, 50, 55, 60, 65, 70, 75, 80	GB/T4354
		47B, 57B,62B, 67B, 72B	JT002-2011
预应力钢丝及钢绞线用热轧盘条 Hot rolled wire rods for prestressed steel wires and wire ropes	8~25	YL77B	GB/T24238
钢筋混凝土用热轧光圆钢筋 Hot rolled plain bars for reinforced concrete	6, 5, 8, 10, 12	HPB235, HPB300	GB1449.1
低碳钢热轧圆盘条 Hot rolled low carbon steel wire rods	5.5, 6.5, 8, 10, 12,14	TL08	Q/TB100
		Q195, Q215, Q235	GB/T701
		SAE1006, SAE1008--SAE1020	2011JX 第(23)号
预应力混凝土钢棒用热轧盘条 Hot rolled wire rods for prestressing steel bars of concrete	8, 10	3MnSi	GB/T24587

BAR AND WIRE

棒材和线材



方钢

SQUARE STEEL

Grade	Specification
SD300A	100x100x6000—12000
SD300B	120x120x6000—12000
SD300C	130x130x6000—12000
SD600	150x150x6000—12000
SS400	165x165x6000—12000
SS540	



HUARUI REFRACTORY MATERIAL FACTORY 华瑞耐火材料厂

Huarui refractory material

Tangshan Fengrun Huarui Refractory Co., Ltd., founded in 1990, is mainly engaged in R&D, production and construction of unshaped refractory and shaped refractory products.

The company has three branches, covering an area of over 140 mu (1 mu = 0.0667 hectares) with floorage of 50 thousand square meters and registered capital of RMB 20 million. With the advanced equipment, complete means and leading technology, it has become one of the strongest refractory companies at present. The company is located in Fengrun, Tangshan where the transportation is very convenient. The plant is only 142 km from the National Highway 102, adjacent to Chengde-Tangshan Highway in the west and near Beijing-Qinhuangdao Railway, Tianjin Port, Jingtang Port, Caofeidian Port and Qinhuangdao Port.

There are 36 technicians in the company now, including 8 senior engineers and 21 engineers. In addition, it carries out the sincere cooperation with the hi-tech sectors such as University of Science & Technology Beijing and Sinosteel Luoyang Institute of Refractories Research, etc. throughout the year and has hired several experts stationed in the factory for guidance to improve and enhance the product quality and grade continuously. In 2007, the company passed the Integration System (quality, environmental and occupational health safety) International Standard Certification.

The main products of the company include: sliding nozzle series of products such as slide gate brick, nozzle brick and brick cup, etc. used for steel making; steel ladle castable, tundish castable, thermal insulation slab and dry ramming mass, etc. used for steel making; various shaped and unshaped products such as hot metal ladle, blast furnace stemming and iron runner castable, etc. used for iron making. Its products have been sold to numerous steel enterprises, including Hebei Iron & Steel Group, Qinhuangdao Hongxing, Tangshan Xinbaotai, Bazhou Xinli, Tianjin Rongcheng, Donghai and Jianlong, etc. and have been exported to a dozen of countries, such as South Korea, Singapore, Malaysia and Thailand, etc.

The company is dedicated to serving friends from all walks of life with advanced technology, stable quality, good reputation and safe, reliable assurance.



中间包干式料 Tundish coating material			
项目 Item		硅质 Silicon	镁质 Magnesium
化学成份 (%)≥Chemical Composition	SiO(%)≥	80	—
	MgO(%)≥	—	85
体积密度 (g/cm³) ≥ volume density		2. 3	—
线变化率 (%)≤ PLC		±1	±1
使用寿命 Life Time		24 小时以上 More than 24 hours	48 小时以上 More than 48 hours

座 砖 Seating Brick					
项目 Item		Z-1	Z-2	Z-3	Z-4
化学成份 (%) Chemical Composition	Al ₂ O ₃ ≥	80	75	70	65
	C≤	8	6	5	5
显气孔率 (%)≤ Apparent Porosity		9	10	10	10
重烧线变化 (%)≥ Variation of Re-burning Line		1550℃ ×2h			
使用寿命 Using Time		与钢包同步 Same with steel ladle			

华瑞耐火材料厂

HUARUI REFRACTORY MATERIAL FACTORY

滑 板 Sliding Plate				绝 热 板 Thermal Insulation Slab				钢 包 浇 注 料 Refractory Carstables for Ladles									
项目 Item		HB-1	HB-2	项目 Item		B-1		项目 Item		GB-1	GB-2	GB-3					
化学成份 (%) Chemical Composition	Al ₂ O ₃ ≥	90	85	整体密度 (Kg/m ³) Overall density		240 ~ 314		化学成份 (%) Chemical Composition	Al ₂ O ₃ +MgO	90	87	84					
	C≤	2	5	导热系数 (W/m·K) Thermal conductivity		≤0.005											
	显气孔率 (%)≤ Apparent Porosity			压缩强度 (Mpa) Compression strenght		0.14 ~ 0.25		体积密度 (g/ cm ³) ≥ volume density		110℃ ×24h			3.2	2.85	2.85		
板材厚度 (mm) Sheet thickness				8 ~ 35													
常温耐压强度 (Mpa)≥ cold compressive strength				上 水 口 Upper Nozzle				抗折强度 (%)≤ breaking strength		110℃ ×24h			5	6	6		
																项目 Item	
高温抗折强度 (Mpa)≥ high temperature bending strength				化学成份 (%) Chemical Composition		Al ₂ O ₃ ≥		85		线变化率 (%)≤ PLC		110℃ ×24h			±1	±1	±1
						C≤		6									
使用寿命 Using Time		50T 钢包以上 Above 50 T ladle		显气孔率 (%)≤Apparent Porosity		油浸		1		使用寿命 Using Time		50T 以下钢包 120 ~ 150 次 Below 50 T ladle 120 ~ 150 times					
		50T 钢包以下 Below 50 T ladle		2 ~ 3 次 2~3 times		不浸		10									
使用寿命 Using Time				使用寿命 Using Time		根据用户使用要求 According to customer's requirement.											

铁 包 砖 Iron Brick				定 径 水 口 Metering Nozzle				下 水 口 Collector Nozzle				
项目 Item		TB-1	TB-2	项目 Item		DJ-1	DJ-2	DJ-3	项目 Item		XK-1	XK-2
化学成份 (%) Chemical Composition	Al ₂ O ₃ ≥	70	65	化学成份 (%)≥Chemical Composition	ZrO ₂ (%)	75	85	94	化学成份 (%) Chemical Composition	Al ₂ O ₃ ≥	80	70
	SiC≥	18	15									
	C≤	10	10									
体积密度 (g/cm ³) ≥ volume density		2.8	2.7	体积密度 (g/cm ³) ≥ volume density		3.9	4.2	4.5	C≤	5	5	
显气孔率 (%)≤ apparent porosity		9	9									
常温耐压强度 (Mpa)≥ cold compressive strength		60	55	显气孔率 (%)≤ apparent porosity		18	18	18	显气孔率 (%)≤ Apparent Porosity		9	9
使用寿命 Using Time		1500 次以上 More than 1500 times										

TANGSHAN FIRST CEMENT FACTORY 唐山市第一水泥厂

Tangshan first cement factory

Tangshan First Cement Factory is a large cement manufacturer in Hebei Province and it mainly manufactures "Bazhu" brand rotary kiln cement with annual production capacity of 1.2 million tons. The company has domestic advanced testing and detecting instruments and production equipment. With strong technical force, its cement products always maintain 100% in terms of "Ex-factory pass rate, Affluence grade pass rate" and it has taken the lead to pass the ISO9001 international quality system certification.

Its products are sold to regions like North China, Northeast China and Northwest China and countries and regions in Asia, North America, Middle East and Africa. We have provided cement materials to Beijing Fifth Ring Road, Bayi Shooting Gallery of National Liberation Army, Compound of Commander Department of the Navy, Armored Force Engineering Institute, Tianjin-Beijing-Shanghai High-Speed Connecting Line, Jiuyuan Sewage Disposal River Bridge, Tianjin Metro, Dagang Reservoir; Harbin Municipal Administration, Changchun Real Estate Development, Daqing Oil Field, Qiqihar Municipal-level Road and some municipal projects in Shenzhen and Guangzhou, etc. and our products are praised by the constructors and supervisors.

The factory is located at the golden triangle region of Beijing, Tianjin and Tangshan, having the unique regional advantage. The production plant is located at 20 km to the east of the urban area of Tangshan City and at the north of the National Highway 205 and Beijing-Shanhaiguan Railway, only 3 km from the exit of highway in "East Tangshan" in the west and 98 km from the northern ports "Jingtang Port" and "Caofeidian Port" in the south. Thus, the transportation by road, railway and sea is very convenient.

In line with the management idea of cooperation in integrity and customers first, our company is dedicated to providing the best products and services to every customer!



二、P.S. 32.5 矿渣硅酸盐水泥 P.S. 32.5 SLAG PORTLAND CEMENT

1. 执行标准: GB1344-1999
using standard: GB1344-1999
中国水泥建材产品质量认证中心 (COBM) 认证
qualified by COBM
2. 质量标准与实物水平
quality standard and product level

质量项目 Items	熟料中 clinker kg/t	水灰中 cement kg/t	细度 fineness %	安定性 soundness	凝结时间 (时:分) setting time (h:min)	抗折强度 M_p flexure strength M_p		抗压强度 M_{pc} compressive strength M_{pc}	
						3天 3days	28天 28days	3天 3days	28天 28days
标准 standard				合格 qualified	初凝 initial ≥ 0.45	终凝 final ≤ 10.00	2.5	5.5	11.0
GB1344-1999 P.S.32.5 P.S.32.5 ordinary cement	≤ 5.0	≤ 4.0	≤ 10.0	合格 qualified	≥ 0.45	≤ 10.00	2.5	5.5	11.0
实物水平 product level	3.05	1.99	2.9	合格 qualified	3:24	4:19	4.3	8.2	17

3. 产品特点与技术性能
product features and properties
A. 水化热低, 特别适用于水利工程和一般工业及民用工程。
low heat of hydration, suited to hydraulic projects and common industry and civil projects.
B. 对海水和硫酸盐类侵蚀具有较好的抵抗能力。
better performance of corrosion-resistant against seawater and sulphate.
C. 耐湿性好, 在蒸汽养护条件下, 强度发展快。
good property of heat-resist under condition of vapour curing strength grow rapidly.
4. 用途 Usage
A. 适用于工业建筑和民用建筑, 特别适用于地下工程和水利工程。
applicable to the buildings of industry and civil, specially to hydraulic projects and underground projects.
B. 适用于大体积工程, 如: 水电站大坝的建设。
applicable to vast volume concrete project, for example, the building of water power station, dam.
C. 适用于制作预制构件及需要蒸汽养护工程。
applicable to prefabricated cement parts and the projects needing vapour curing, etc.

一、P.O. 32.5, 32.5R, 42.5, 42.5R 普通硅酸盐水泥 P.O. 32.5, 32.5R, 42.5, 42.5R, ORDINARY PORTLAND CEMENT

1. 执行标准: GB175-1999
using standard: GB175-1999
中国水泥建材产品质量认证中心 (COBM) 认证
qualified by COBM
2. 产品质量标准与实物水平
standard of products quality and products level

质量项目 Items	水灰中 cement kg/t	水灰中 cement kg/t	熟料中 clinker kg/t	细度 fineness %	安定性 soundness	凝结时间 (时:分) setting time (h:min)	抗折强度 M_p flexure strength M_p		抗压强度 M_{pc} compressive strength M_{pc}	
							3天 3days	28天 28days	3天 3days	28天 28days
标准 standard					合格 qualified	初凝 initial ≥ 0.45	终凝 final ≤ 10.00	2.5	5.5	11.0
GB175-1999 P.O.32.5 P.O.32.5 ordinary cement	≤ 5.0	≤ 3.5	≤ 5.0	≤ 10.0	合格 qualified	≥ 0.45	≤ 10.00	2.5	5.5	11.0
实物水平 product level	3.42	2.05	1.18	2.9	合格 qualified	3:15	4:15	4.6	8	19.2
GB175-1999 P.O.32.5R P.O.32.5R ordinary cement	≤ 5.0	≤ 3.5	≤ 5.0	≤ 10.0	合格 qualified	≥ 0.45	≤ 10.00	3.5	5.5	14.0
实物水平 product level	4.12	2.25	1.30	2.30	合格 qualified	3:10	4:10	4.7	8.1	21.3
GB175-1999 P.O.42.5 P.O.42.5 ordinary cement	≤ 5.0	≤ 3.5	≤ 5.0	≤ 10.0	合格 qualified	≥ 0.45	≤ 10.00	3.5	6.5	16.0
实物水平 product level	4.00	2.45	1.34	2.30	合格 qualified	3:02	4:05	4.8	8.2	22.4
GB175-1999 P.O.42.5R P.O.42.5R ordinary cement	≤ 5.0	≤ 3.5	≤ 5.0	≤ 10.0	合格 qualified	≥ 0.45	≤ 10.00	4.0	6.5	21.0
实物水平 product level	4.2	2.32	1.30	2.60	合格 qualified	3:02	3:50	5	8.4	24.6

3. 产品特点与技术性能
product features and technical properties.
A. 水泥中 C_3S 含量高, 水化早期强度高。
high C_3S content in cement so initial strength is high.
B. 早强水泥三天强度较普通型高。
three-days strength in initial strength cement is higher than ordinary cement (three-days strength surpasses ordinary 525 cement)
C. 碱含量在0.45%以下, 早强、早凝性能好, 有利于工程的耐久性。
The alkali content is less than 0.45%. The capacity of the high early strength and the early setting is very good. It is good for the durability of the projects.
4. 用途 Usage
A. 适用于一般工业建筑和民用建筑。
applicable to the buildings of industry and civil.
B. 特别适用于机场和道路建设。
specially applicable to airport and road construction.
C. 适用于施工进度快, 养护期短的工业、民用建筑, 尤其适用于高层建筑。
applicable to fast schedule construction, short time curing industry and civil buildings, specially suitable for high buildings.



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吸取一切美好!