

# COMPANY BROCHURE

JINAN ZUNKAI MATERIALS CO., LTD.



济南遵凯物资有限公司  
Jinan Zunkai Materials Co., Ltd.

We will serve you with  
fully sincere and ardor  
all the time.



# COMPANY PROFILE

Jinan Zunkai



## About us

Jinan Zunkai Group founded in 2002, with five branch companies and is well-funded. Our annual sales nearly one billion, about 300,000 tons steel. Our company is located in Jinan City, Shandong Province. We entered into a strategic partnership with Bao Steel, Laiwu Steel, Rizhao Steel, Handan Steel, Anyang Steel, Maanshan Steel and other domestic large steel companies. Zunkai is the largest steel agent in Shandong Province, we also have ourselves steel process factory with 100000 Square meter for steel laser cutting, surface treatment and other further processing , and our stock always more than 20,000 tons.Zunkai Group mainly engaged in : PPGI ,galvanized steel , steel plate , round bar, steel pipe ,Stainless steel product ,angle bar, steel pile ,H beam , I beam, angle, Channel flat steel etc . Our good quality and reliable service will be your best trusted partner. Sincerely wish to building long and regular business with you forever!!!



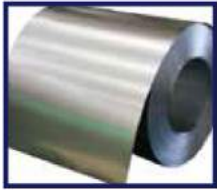
# MAIN PRODUCT



Stainless Steel Tube



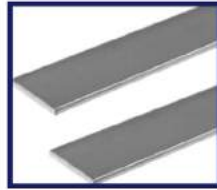
Stainless Steel Sheet



Stainless Steel Coil



Carbon Tube



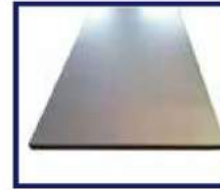
Carbon Steel Plate



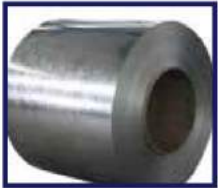
Carbon Steel Coil



Galvanized Steel Pipe



Galvanized Steel Plate



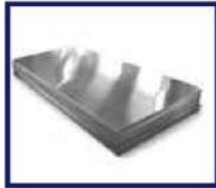
Galvanized Steel Coil



PPGI



Copper Tube



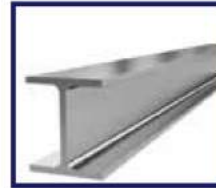
Aluminum Plate



Roofing Sheet



Steel Bar



Steel Section



Alloy





【不锈钢管】

## STAINLESS STEEL TUBE



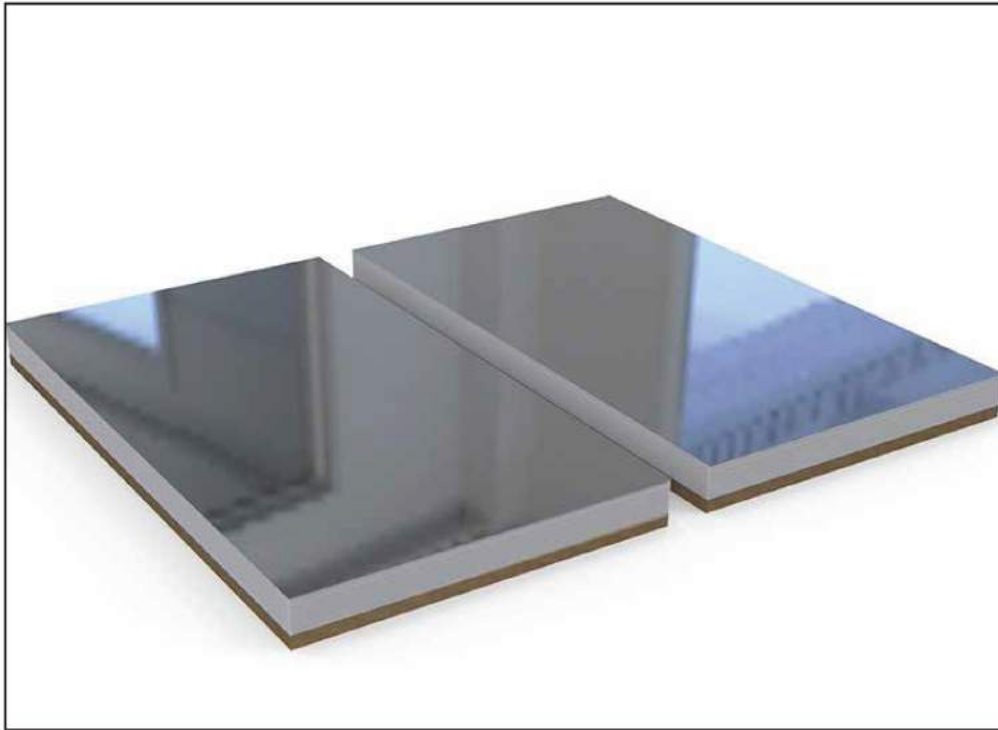
## 产品规格 PRODUCT SPECIFICATIONS

Stainless steel tube/pipe	
Product Name	Stainless steel tube/pipe
Standard	ASTM A213,A312,ASTM A269,ASTM A778,ASTM A789,DIN 17456, DIN17457,DIN 17459,JIS G3459, JIS G3463,GOST9941,EN10216, BS3605
Place of Origin	Shandong,China
Type	Seamless
Steel Grade	200 series: 201,202,202Cu,204Cu, 300series: 301,303/Cu,304/L/H,304Cu,305,309/S,310/S,316/L/H/Ti,321/H,347/H,330, 400 series: 409/L,410,416/F,420/F,430,431,440C,441,444,446, 600 series: 13-8ph,15-5ph,17-4ph,17-7ph(630,631),660A/B/C/D, Duplex: 2205(UNS S31803/S32205),2507(UNS S32750),UNS S32760,2304,LDX2101.LDX2404,LDX4404,904L
Application	Construction,machine structure pipe, Agriculture equipment pipe, Water and gas pipe, Greenhouse pipe, Scaffolding pipe, Building material tube, Furniture tube, Low pressure fluid tube, Oil pipe, etc



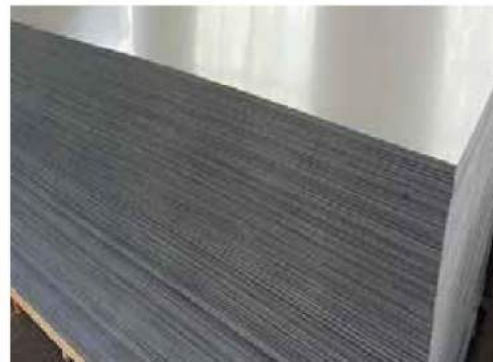
## 【不锈钢板】

## STAINLESS STEEL SHEET



## 产品规格 PRODUCT SPECIFICATIONS

Stainless Steel Plate/Sheet	
Product name	Stainless Steel Plate/Sheet
Standard	GB/T3280-2009 GB/T4237-2009 GB/T4238-2009 GB/T3280-2007 GB/T4237-2007 JIS G4304-2005 JIS G4305-2005 ASTM A240/240M-10 ASTM A240-05
Place of Origin	Shandong, China
Type	Plate
Steel grade	200 Series: 201, 202 300 Series: 301, 302, 303, 304, 304L, 304 N, 309, 309S, 310, 316, 316L, 321, 347 400 Series: 408, 409, 410, 416, 420, 430, 440 500 Series 600 Series
Surface Finish	2B/BA/2D/1D/4B/8K/No.1/No.3/No.4/HL
Width	1000、1220mm、1250mm、1500mm、1800mm、2000mm
Length	1m-6m Or Customized
Thickness	Cold Rolled: 0.3mm-3.0mm Hot Rolled: 3mm-16mm Plate: 18mm-60mm
Application	1.Used in industrial, chemical equipment, 2.Used in life stainless steel items 3.Building materials, architectural decoration, 4.Storage tanks used for appliances and kitchen equipment.







## 【不锈钢卷】

## STAINLESS STEEL COIL



## 产品规格 PRODUCT SPECIFICATIONS

Stainless Steel Coil	
Standard	JIS,AISI,ASTM,DIN,EN,GB
Material	200 series: 201 202 ,etc 300 series: 301 304 304L 309 310 310s 316 316L 321 , etc 400 series: 409 410 410S 420 430,etc
Surface	2B,BA(bright annealed) NO.1 NO.2 NO.3 NO.4,8K HL(Hair Line) PVC
Technique	Hot Rolled / Cold Rolled
Thickness	Cold Rolled 0.4mm – 3.0mm;Hot Rolled 3.0-100mm or as required
Width	24-2000mm or as required
Length	1-6m or as required
Coil Weight	3.5-5 ton for normal standard or as customer's request
Application	construction field, ships building industry, petroleum & chemical industries, war and electricity industries, food processing and medical industry
Protection	1.Inter paper available 2.PVC protecting film available
Features	(1) High temperature strength and high temperature plasticity (2) Has excellent oxidation resistance and corrosion resistance (3) Has good tissue stability (4) Uniform chemical composition (5) Has good processability and welding performance (6) High dimensional accuracy and surface quality





## 【碳钢管】

## CARBON TUBE



## 产品规格 PRODUCT SPECIFICATIONS

## Carbon steel pipe/tube

Carbon steel pipe/tube	
Product Name	Carbon steel pipe/tube
Standard	ASTM A106-2006, ASTM A53-2007, GB 5310-1995, GB/T 8162-1999, BS 1387, BS EN10025, JIS G3463-2006, JIS G3454-2007, JIS G3459-2004, DIN 1629/4, DIN 1626, DIN 1629/3
Place of Origin	Shandong, China
Type	Hot Rolled Steel pipe , Cold Drawn Steel pipe , Hot Expand Steel pipe , Cold Rolled Steel pipe
Material	10#, 20#, 45#, Q235, Q345, Q195, Q215, Q345C, Q345A, ASTM A53A/A53B/ A178C/A106B API5L ST37, ST37-2, DIN 1629 ST35, ST45, DIN 17175 ST35.8, DIN 17175 19Mn5 16Mn, Q345B, T1, T2, T5, T9, T11, T12, T22, T91, T92, P1, P2, P5, P9, P11, P12, P22, P91, P92, 15CrMo, Cr5Mo, 10CrMo910, 12CrMo, 13CrMo44, 30CrMo, A333 GR.1, GR.3, GR.6, GR.7 Gr.B, X42, X46, X52, X60, X65, X70, X80, X100
Packing	1. plastic cap with both ends 2. Coated with anti-rust oil 3. bundle package 4. wooden case package 5. container or bulk 6. special according to customer request
Application	1). Petroleum, Chemical enterprise, superheater of boiler, heat exchanger 2). High temperature resistant transmission fluid pipe in power station 3). Ship with pressure pipe 4). The exhaust purification devices 5). Construction and ornament ect.

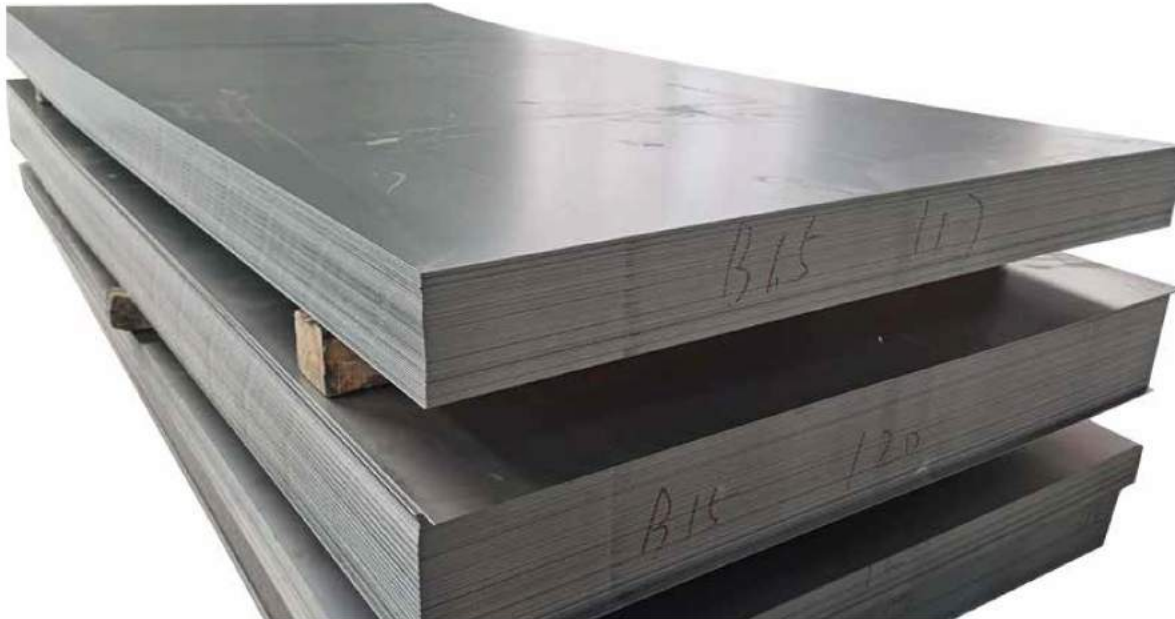






【碳钢板】

CARBON STEEL PIATE



产品规格 PRODUCT SPECIFICATIONS

carbon steel sheet	
Product Name	carbon steel sheet
Standard	GB/T700 standard : Q235A,Q235B,Q235C,Q235D,Q235E EN10025 standard : S235JR,S235J0,S235J2 DIN 17100 standard : St33,St37-2,Ust37-2,RSt37-2,St37-3 DIN 17102 standard : StE255,WstE255,TstE255,EstE255 ASTM standard : A36/A36M A36 A283/A283M A283 Grade A,A283 Grade B A283 Grade C,A283 Grade D A573/A573M A573 Grade 58, Grade 65,Grade 70
Material	Carbonsteel:Q195-Q420Series,SS400-SS540 Series, S235JR-S355JR Series,ST Series,A36-A992 Series,Gr50 Series,etc.
Surface	Mild steel plain finish, hot dip galvanized, color coated, ect.
Package	Export standard package: bundled wooden box or be required; The inner size of container is below: (1)20 foot GP: 5.8m(length)x 2.13m(width)x 2.18m(high) about 24-26 CBM(2)40 foot GP: 11.8m(length)x 2.13m(width) x 2.72m(high)about 68 CBM We will packing as the factory, and reach the stander of export. Or as the customer request. In addition, We will make the products with good surface protection.
Application	Wear-resistant steel with high wear resistance and good impact performance, capable of cutting, bending, welding, etc., can be taken welding, plug welding, bolting and other ways to connect with other structures, with the province when in the course of the repair site , convenient, widely used in metallurgy, coal, cement, electricity, glass, mining, building materials, bricks and other industries, compared with other materials.







【碳钢卷】

# CARBON STEEL COIL



## 产品规格 PRODUCT SPECIFICATIONS

Name	Carbon Steel Coil
Standard	AISI, ASTM, bs, DIN, GB, JIS, etc
Grade	A36 Grade50/SS400/Q235/Q345B/Q460/Q195/SPCC-SD/ST13/DC01, etc
Tolerance	±1%
Thickness	0.12MM-18MM
Width	1250-2000MM
Length	1250-11800MM
Coil Weight	3~10Tons
Surface Treatment	Normal Black Surface
Technique	Cold Rolled/Hot Rolled
Certification	ISO9001/BV/SGS/CE, etc
Application	Building, Material/Container, Plate/Structural, use/roofing/corrugated, roofing/commercial, use/household, appliance/industry.





【镀锌管】

GALVANIZED STEEL PIPE



产品规格 PRODUCT SPECIFICATIONS

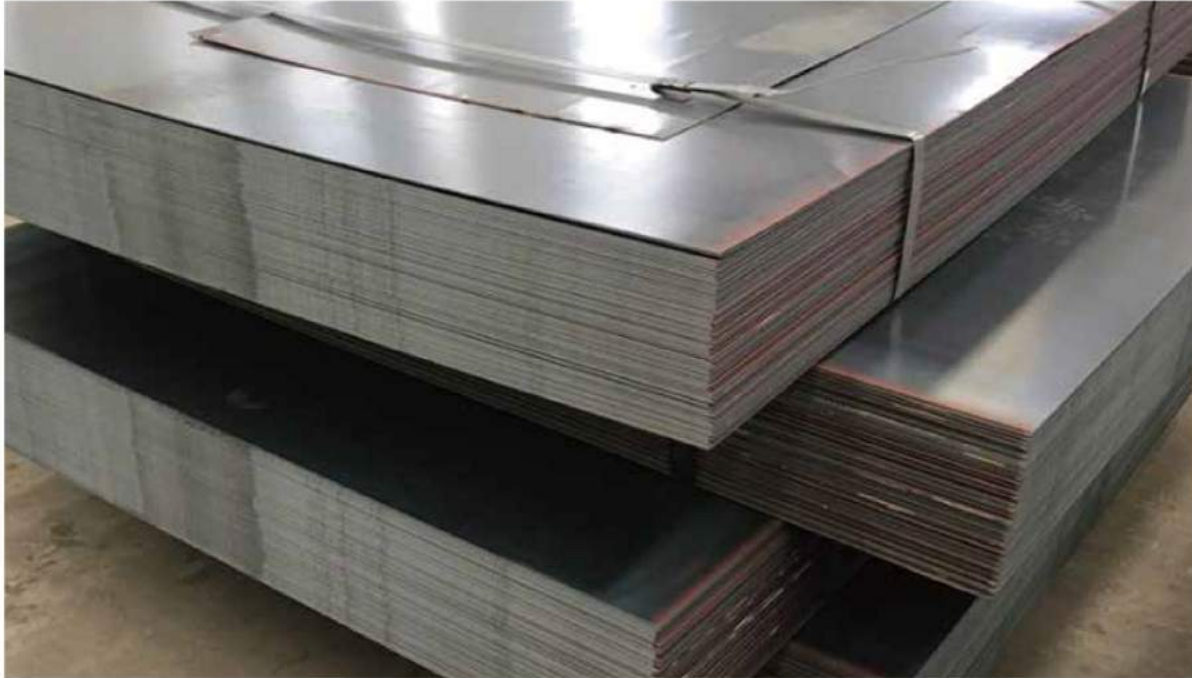
Size		External diameter (mm)	Wall thickness	6 meters length	Theoretical weight
Nominal size	Inch			KG/M	KG/PCS
DN15	0.4	21.3	2.8	1.34	8.04
DN20	0.6	26.9	2.8	1.73	10.38
DN25	1	33.7	3.2	2.57	15.42
DN32	1.2	42.4	3.5	3.32	19.92
DN40	1.5	48.3	3.5	4.07	24.42
DN50	2	60.3	3.8	5.17	31.04
DN65	2.5	76.1	4.0	7.04	42.24
DN80	3	88.9	4.0	8.84	53.04
DN100	4	114.3	4.0	11.5	69.04
DN125	5	139.7	4.0	15.94	95.65
DN150	6	165.1	4.5	18.88	113.27
DN200	8	219.1	6.5	33.41	200.47





【镀锌板】

GALVANIZED STEEL PLATE



产品规格 PRODUCT SPECIFICATIONS

Galvanized Steel Sheet	
Size	Thickness:0.1mm-300mm or as required Width:0.6m-2m or as required Length:1-11m or as required
Standard	AISI,ASTM,DIN,JIS,GB,JIS,SUS,EN,etc
Material	Q345,Q345A,Q345B,Q345C,Q345D,Q345E,Q235B HC340LA,HC380LA,HC420LA B340LA,B410LA 15CRMO,12Cr1MoV,20CR,40CR,65MN A709GR50,etc.
Zinc Coating	30-275g/㎡
Surface Treatment	Clean, blasting and painting according to customer requirement
Technique	Cold rolled or hot rolled
Color	RAL code or according to customer's sample





【镀锌卷】

GALVANIZED STEEL COIL



产品规格 PRODUCT SPECIFICATIONS

Galvanized Steel Coil	
Grade	DX51D+Z,DX52D+Z,DX53D+Z,DX54D+Z,S220GD+Z,DX51D+Z/SGCC/A653/Automotive grade,etc
Spangle coating	Big Spangle, small Spangle,Spangle-free
Surface Treatment	Passivation(C),Oiling(O),Lacquer sealing(L),Phosphating(P),Untreated(U)
Package weight	2 -6 ton per coil
Zinc Coating	30-275g/m2
Thickness	0.2-4.0mm
Width	600-1250mm





### 产品规格 PRODUCT SPECIFICATIONS

PPGI/PPGL Galvanized Steel Coil	
Standard	ASTM, JIS, EN, DIN, GOST, GB, etc.
Grade	SGCC, CGCC, SGCH, DX51D+Z/DX53D+Z/S220GD-550GD
Thickness	0.13-0.70mm
Width	Max1250mm(600~1250mm)
Length	By coil
Base material	GI/GL/PPGI/PPGL
Zinc Coating	40g/m <sup>2</sup> to 275g/m <sup>2</sup>
Painting Thicknes	Top side: 10-25microns; Back side: 3-20microns
Colour	RAL NO./Your sample
Coil ID	508mm/610mm
Packing	Waterproof paper+plastic film+iron packing+bundling, or as per customers request
Application	Corrugated roofing sheet, Ceiling channel, industrial refrigeration, cold storage, door panel, sandwich panel, PU panel





【铜管】

COPPER TUBE



Made of pure copper or copper alloy in various shapes including rods, wires, plates, strips, strips, tubes, foils, etc., collectively referred to as copper.

Copper materials include copper plates, copper rods, copper tubes, copper strips, copper wires, copper bars, copper materials.

产品规格 PRODUCT SPECIFICATIONS

Air Conditioning Straight Tubes

Thickness \ O.D.	0.30 mm	0.35 mm	0.40 mm	0.45 mm	0.50 mm	0.55 mm	0.60 mm	0.65 mm	0.70 mm	0.75 mm	0.80 mm	1.00 mm	1.20 mm	1.50 mm
4.76(3/16in)		⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
6.00		⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
6.35(1/4in)		⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
7.00	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
7.94(5/16in)	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
8.00	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
9.52(3/8in)	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
10.00	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
12.00		⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
12.70(1/2in)		⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
14			⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
15			⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
15.88(5/8in)			⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
16						⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
19.05(3/4in)						⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
22.22(7/8in)						⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
25.4(1in)								⊙	⊙	⊙	⊙	⊙	⊙	
28.57(1-1/8in)									⊙	⊙	⊙	⊙	⊙	
Remark:	Sizes with mark"⊙" indicate those are common sizes which the factory is making. Any unusual sizes with special requirement can be tailor-made against order.													







## 【铝板】

## ALUMINUM PLATE



## 产品规格 PRODUCT SPECIFICATIONS

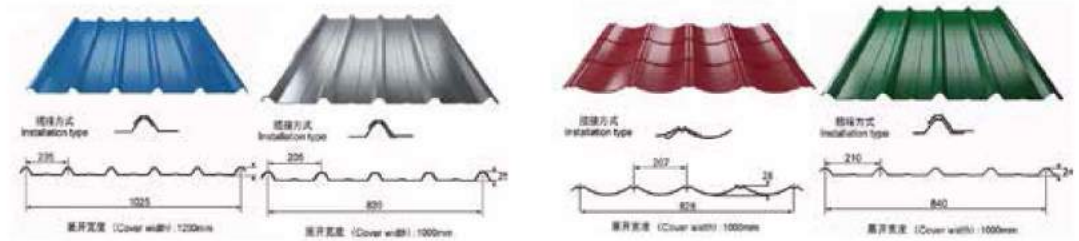
Aluminum Plate	
Thickness	0.2mm-600mm
Width	20mm-2650mm
Length	As customer's requirements
Temper	O, H, T
Surface	Flat every pieces covered with PE film
Packing	Export standard wooden pallets (as per requirements)
Features	1) Easy installation 2) High strength 3) Low in costs 4) Durable 5) Nice appearance 6) Anti oxidation
Application	1) building and construction 2) decoration 3) curtain wall 4) Shelter 5) oil tank 6) mould,ect.
Grade	1050/1060/1070/ 2A16/2A06/ 3003/3004/3A21/ 4A01/5052/6061,etc.
Delivery time	20-30 days after receiving L/C or deposit
Loading Port	Qingdao , China (any port in China )
Remark	Specific requirement of alloy grade,temper or specification can be discussed at your request





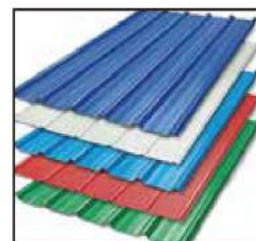
【屋顶板】

ROOFING PLATE



产品规格 PRODUCT SPECIFICATIONS

Product Name	Corrugated Galvanized Roofing Sheet
Material	SGCC, DX51D, DX53D, DX54D, SPHC, Q195 etc
Type	Corrugated Sheets
Thickness	0.12mm-0.8mm, according to your requirement
Width	600mm-1500mm, according to your requirement
Zinc Coating	30-500g/m <sup>2</sup>
Color Choice	Any of the available color
Standard	ASTM, BS, GB, JIS, etc
Surface	Finished or unfinished is available, coat or without coat
Application	Widely used in construction, home, appliance, decoration, wear resistant steel, etc.







【圆钢】

ROUND BAR



产品规格 PRODUCT SPECIFICATIONS

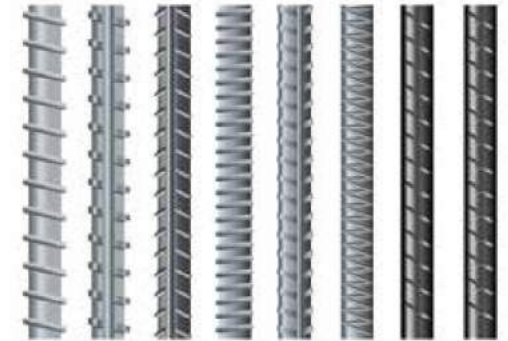
Round Bar			
Diameter(mm)	Theoretical weight(kg/m)	Diameter(mm)	Theoretical weight(kg/m)
5.5	0.186	13	1.04
6	0.222	14	1.21
6.5	0.26	15	1.39
7	0.302	16	1.58
8	0.395	17	1.78
9	0.499	18	2
10	0.617	19	2.23
11	0.746	20	2.47
12	0.888	21	2.72
22	2.98	63	24.5
23	3.26	65	26
24	3.55	68	28.5
25	3.85	70	30.2
26	4.17	75	34.7
27	4.49	80	39.5
28	4.83	85	44.5
29	5.18	90	49.9
30	5.55	95	55.6
31	5.92	100	61.7
32	6.31	105	68
33	6.71	110	74.6
34	7.13	115	81.5
35	7.55	120	88.8
36	7.99	125	96.3
38	8.9	130	104
40	9.86	140	121
42	10.9	150	139
45	12.5	160	158
48	14.2	170	178
50	15.4	180	200
53	17.3	190	223
55	18.6	200	247
56	19.3	220	298
58	20.7	250	385
60	22.2		





【螺纹钢】

REBAR



产品规格 PRODUCT SPECIFICATIONS

Rebar	
Diameter(mm)	Theoretical weight(kg/m)
6	0.2221
8	0.3949
10	0.6170
12	0.8885
14	1.2093
16	1.5795
18	1.9991
20	2.4680
22	2.9863
25	3.8563
28	4.8373
32	6.3181
36	7.9963
40	9.8720

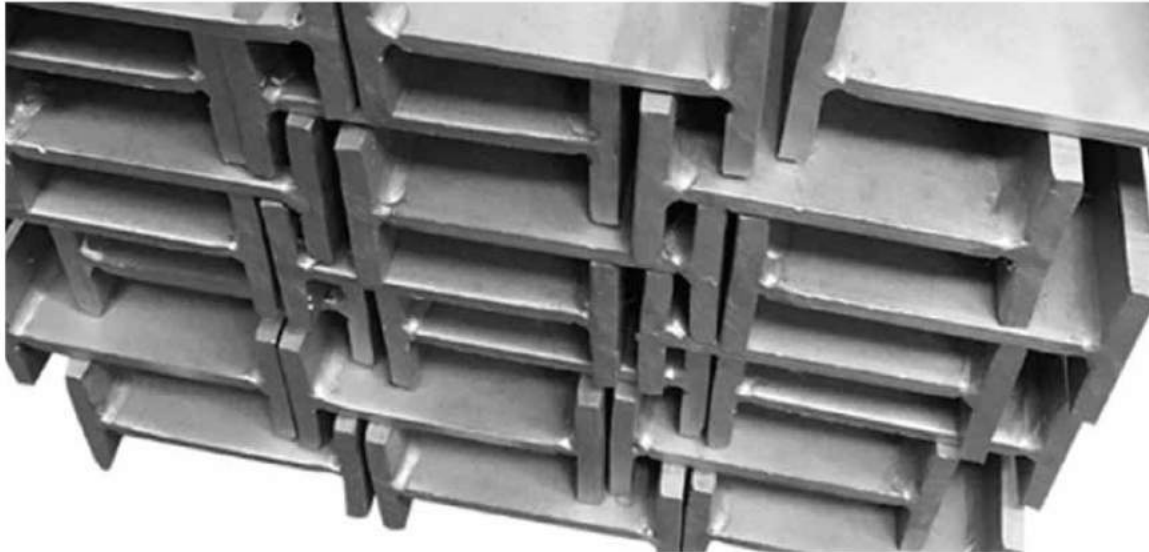






## 【型钢】

## STEEL SECTION



Section steel is a material with a certain shape and size, a certain shape in cross section, and a material with a certain shape. Profiles can be used alone or further processed into other manufactured products, often used in building structures, manufacturing and installation.

## 产品规格 PRODUCT SPECIFICATIONS

## H Beam Specification

size	w/m	size	w/m	size	w/m
100*50*5*7	9.54	250*255*14*14	82.2	400*400*13*21	172
100*100*6*8	17.2	294*200*8*12	57.3	400*408*21*21	197
125*60*6*8	13.3	300*150*6.5*9	37.3	414*405*18*28	233
125*125*6.5*9	23.8	294*302*12*12	85	440*300*11*18	124
148*100*6*9	21.4	300*300*10*15	94.5	446*199*7*11	66.7
150*75*5*7	14.3	300*305*15*15	106	450*200*9*14	76.5
150*150*7*10	31.9	338*351*13*13	106	482*300*11*15	115
175*90*5*8	18.2	340*250*9*14	79.7	488*300*11*18	129
175*175*7.5*11	40.3	344*354*16*16	131	496*199*9*14	79.5
194*150*6*9	31.2	346*174*6*9	41.8	500*200*10*16	89.6
198*99*4.5*7	18.5	350*175*7*11	50	582*300*12*17	137
200*100*5.5*8	21.7	344*348*10*16	115	588*300*12*20	151
200*200*8*12	50.5	350*350*12*19	137	596*199*10*15	95.1
200*204*12*12	72.28	388*402*15*15	141	600*200*11*17	106
244*175*7*11	44.1	390*300*10*16	107	700*300*13*24	185
244*252*11*11	64.4	394*398*11*18	147	792*300*14*22	191
248*124*5*8	25.8	400*150*8*13	55.8	800*300*14*26	210
250*125*6*9	29.7	396*199*7*11	56.7	900*300*16*28	243

Grade	Q235,Q345,SS400,SS490,S235/S275,A36,A992,A572gr50
H*B	100*100-900*300mm
T1	4.5-21mm
T2	7-35mm
Technique	Hot Rolled
Application	Mechanical&manufacture,Steel structure,Ship building,Bridging, Automobile chassis
MOQ	20 Metric Ton/Metric Tons
Packaging Details	Bundled with firm steel straps, easy for loading



【合金】

ALLOY



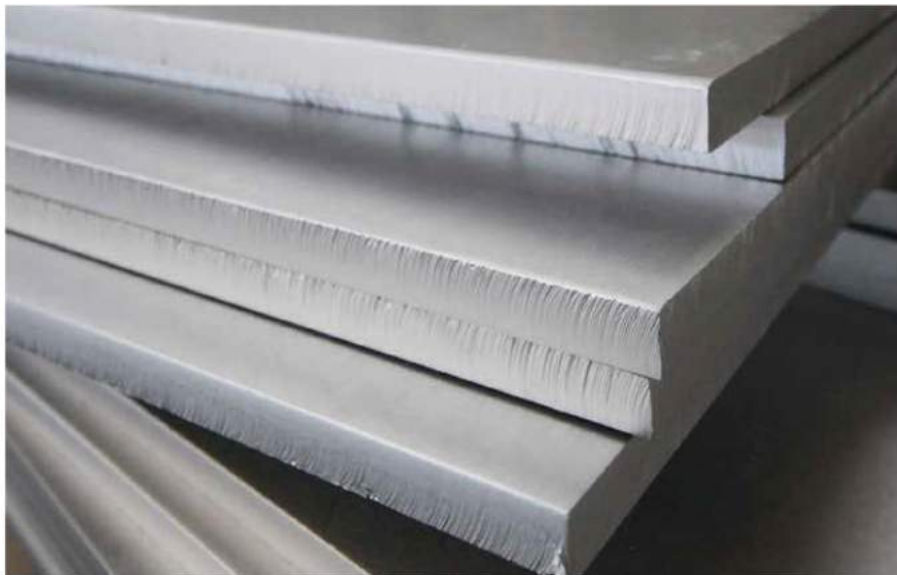
Alloy is a substance with metallic properties synthesised by one metal and another or more non-metallic methods.

Alloys include aluminum alloy, copper alloy, zinc alloy, heat-resistant alloy, etc.

## 产品规格 PRODUCT SPECIFICATIONS

Alloy carbon plate

牌号	C	Si	Mn	P	S	V	Nb	Al	Ti
Q345A	≤0.20	≤0.55	1.00-1.60	≤0.045	≤0.045	0.02-0.15	0.015-0.060		0.02-0.20
Q345B	≤0.20	≤0.55	1.00-1.60	≤0.040	≤0.040	0.02-0.15	0.015-0.060		0.02-0.20
Q345C	≤0.20	≤0.55	1.00-1.60	≤0.035	≤0.035	0.02-0.15	0.015-0.060	≥0.015	0.02-0.20
Q345D	≤0.18	≤0.55	1.00-1.60	≤0.030	≤0.030	0.02-0.15	0.015-0.060	≥0.015	0.02-0.20



Grade	C	Mn	P	S	Cr	Ni	Mo	Tr	Si
201	≤0.15	5.5~7.5	≤0.050	≤0.03	16.0~18.0	3.5~5.5			≤1.00
202	≤0.15	7.5~10	≤0.060	≤0.03	17.0~19.0	4.0~6.0			≤1.00
301	≤0.15	≤2.00	≤0.045	≤0.03	16.5~18.0	6.0~8.0			≤1.00
302	≤0.15	≤2.00	≤0.045	≤0.03	17.0~19.0	8.0~10.0			≤1.00
304	≤0.08	≤2.00	≤0.045	≤0.03	18.0~20.0	8.0~10.5			≤1.00
304L	≤0.03	≤2.00	≤0.045	≤0.03	18.0~20.0	8.0~12.0			≤1.00
308	≤0.08	≤2.00	≤0.045	≤0.03	18.0~21.0	10.0~12.0			≤1.00
310S	≤0.08	≤2.00	≤0.045	≤0.03	24.0~26.0	19.0~22.0			≤1.00
316	≤0.08	≤2.00	≤0.045	≤0.03	16.0~18.0	10.0~14.0	2.0~3.0		≤1.00
316L	≤0.03	≤2.00	≤0.045	≤0.03	16.0~18.0	10.0~14.0	2.0~3.0		≤1.00
321	≤0.08	≤2.00	≤0.045	≤0.03	17.0~19.0	9.0~12.0		Ti>S"C%	≤1.00
410	≤0.15	≤1.00	≤0.040	≤0.03	11.5~13.5				≤1.00
430	≤0.12	≤1.00	≤0.040	≤0.03	16.0~18.0				≤1.00
309S	≤0.08	≤2.00	≤0.035	≤0.03	17.0~19.0	9.0~12.0		≥5"C%	≤1.00
904L Cu:1.0~2.0	≤0.02	≤2.00	≤0.045	≤0.035	19.0~23.0	23.0~28.0	4.0~5.0		≤1.00
2205 N:0.08~0.2	≤0.03	≤2.00	≤0.035	≤0.02	21.0~23.0		2.5~3.5		≤1.00
2507 N:0.24~0.32	≤0.03	≤1.20	≤0.035	≤0.02	24.0~26.0	6.0~8.0	3.0~5.0		≤0.80







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