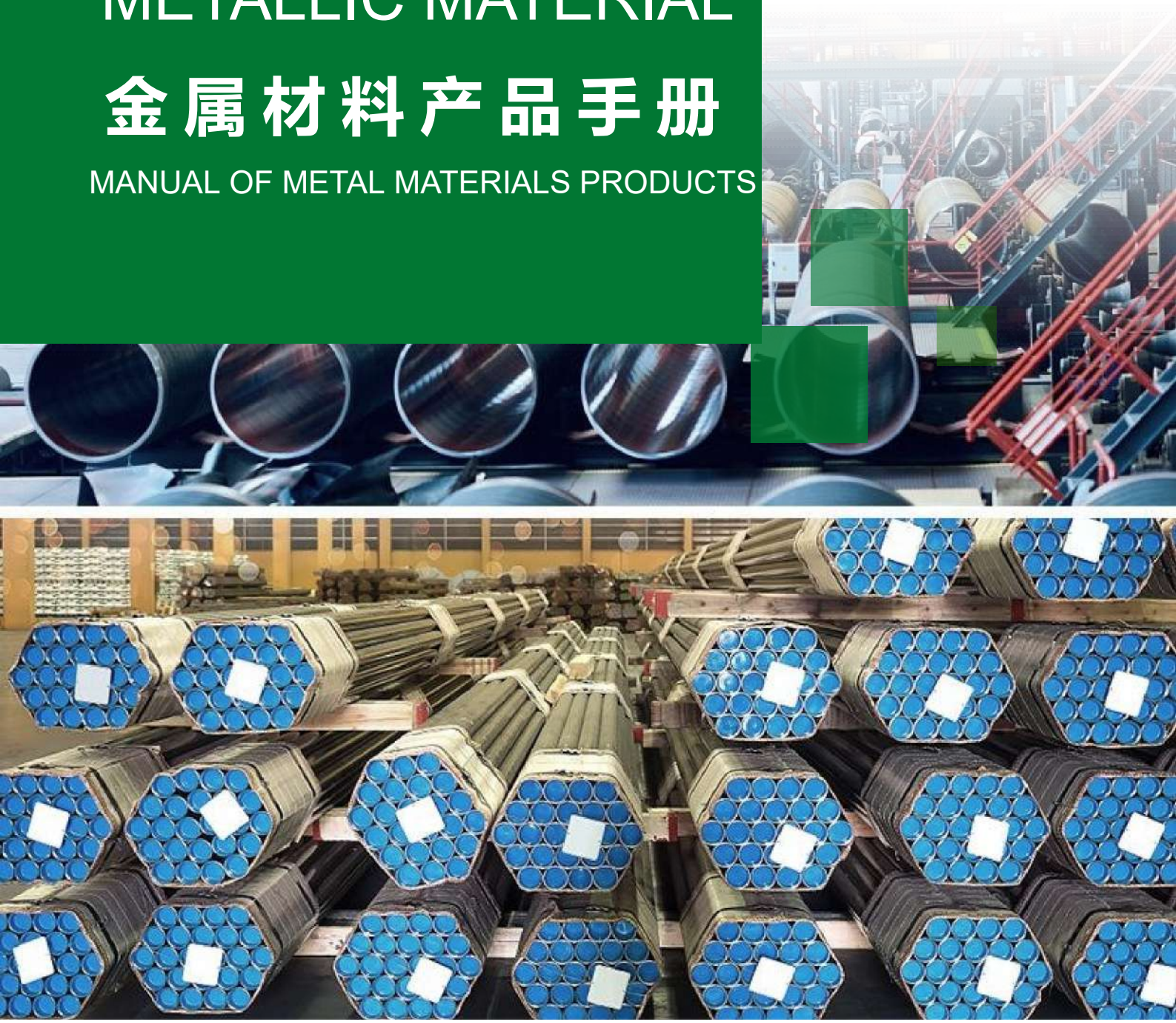
天钢建业
SKY STEEL CONSTRUCITON

METALLIC MATERIAL

金属材料产品手册

MANUAL OF METAL MATERIALS PRODUCTS



天钢建业有限公司

Sky Steel Construction Co.Ltd



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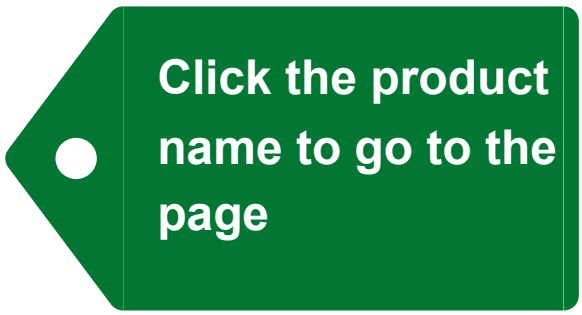
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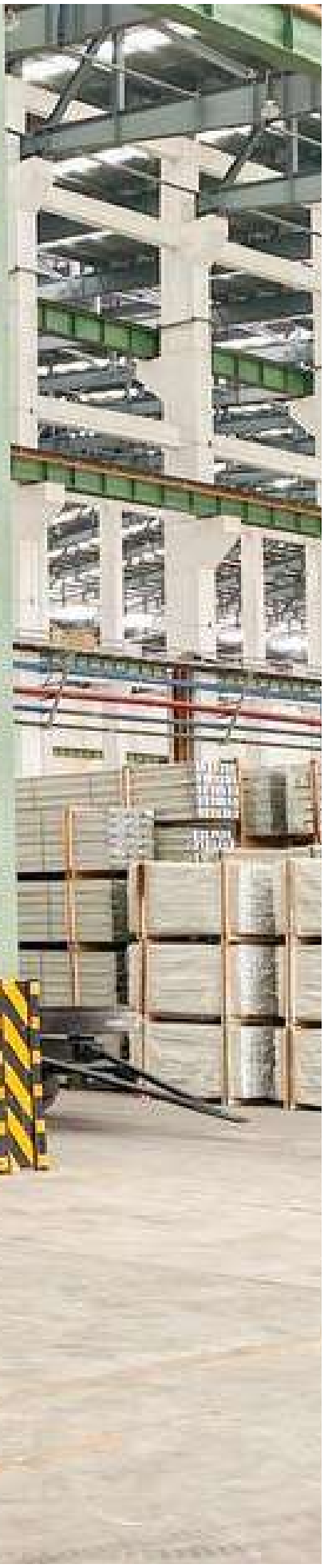
structural steel

aluminum product

copper product







Company Introduction

Quality pioneer

Energy conservation and environmental protection

Win win cooperation



About us

品质先锋·节能环保·合作共赢

Quality pioneer

Energy conservation
and environmental protection

Win win cooperation

Sky Steel Construction Co., Ltd. is a large modern iron and steel conglomerate integrating sintering, iron making, steel making, continuous casting, steel rolling and metal products production technology. The company has more than 300 employees and 12 advanced high-frequency welding production lines. With more than 30 years of experience in steel production, we can provide a variety of solutions to satisfy our customers.



Our company mainly engaged in high-quality and inexpensive aluminum, wire, galvanized products, carbon steel pipe, carbon steel profiles, round steel bars, rebar, etc., can be customized according to customer needs of various sizes, materials, standards, painting products. With advanced production technology and strict testing technology, the company passed the ISO9001-2000 international quality system certification in 2007.

Our company is a collection of production, processing, cutting, sales, transportation as one of the integrated enterprises, our steel has been exported to Europe, North America, South America, Australia, Japan and other more than 30 countries and regions. With high quality, reliable reputation to provide customers with fast and stable products and services.

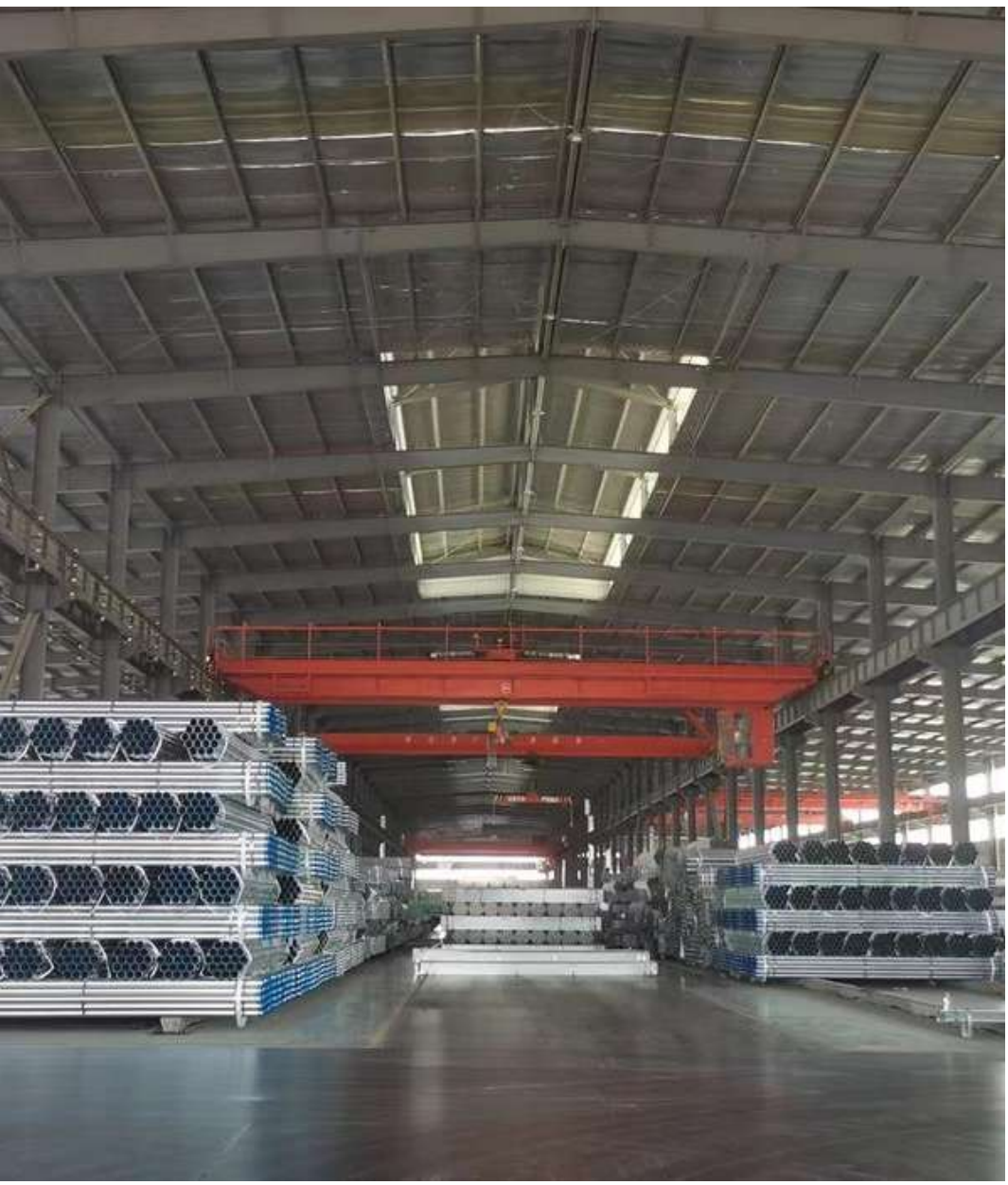
Sky Steel Construction has always connected China's steel resources with the world trade demand in a low-cost way, always adhere to the "customer first, think what customers think" service concept, to provide customers with high performance, cost-effective products and services. We will wholeheartedly serve customers, welcome friends from all over the world to negotiate cooperation with us!

Factory shooting

品质先锋·节能环保·合作共赢

Quality pioneer
Energy conservation and environmental protection
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Product Overview

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wire rod

steel wire rod

Product	Steel Wire/Steel Wire Rod
Standard	GB/ASTM/DIN/JIS/AISI
Material	Q195/Q235/SAE1006-1008/SWRH42A-77A/SWRH42B-82B/Customized
Size	0.7mm-4mm/Customized
Strength Exrension	900-2000M









galvanized wire



product	galvanized wire
Standard	GB/ASTM/DIN/JIS/AiSi
Material	Q195/Q235
Size	BWG 4 ~ BWG 24/Customized
Packing	plastic bag inside and woven bags striped with a Labelplastic bag inside and Hessian bags striped with a Label
Product Advantage	Smooth/Bright/Corrosion Resistance/Good Elasticity
Delivery	15days







deformed bar

Rebar Specification	
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











Reinforcing Mesh

Product	Steel Reinforcing Wire
Material	HRB400E
Hole shape	Rectangle，Square
Lengh	1-12m，or as per customized
Width	0.5-3.0m
Mesh opening	100-400mm
Product Advantage	High tension strength
Application	Wire Fencing And Building Material
Delivery	15days









steel tube/pipe



Seamless pipe





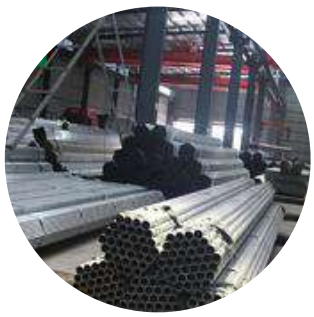
Product	Seamless steel pipe/tube
Standard	API A106 GR.B A53 Gr.B AP175-79, DIN2I5L , ASTM A106 Gr.B, ASTM A53 Gr.B, ASTM A179/A192/A213/A210 /370 WP91、WP11 and so on.
Size	OD: 10-711mm Thickness:1.7-17mm or as required
surface treatment	Oiled,painted,black,galvanized, plastic cap and so on.
Material	Q195,Q215,Q235B,Q345B,S235JR,S355JR,SS400,etc
Application	1.Petroleum,Chemical enterprise, super heater of boiler, heat exchanger 2.High temperature resistant transmission fluid pipe in power station 3.The exhaust purification devices 4.Construction and ornament etc.

galvanized tube





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









welded pipe

Product	welded pipe
Standard	API 5L, API 5CT, SY/T5037, SY/T5040, GB/T9711.1,GB/T9711.2, A, B, X42-X80, L175-L555,L245NB, etc.
Material	1.0033，08F，A53，A106，Q235，Q345b，
Out Diameter	159mm-3200mm
Wall Thickness	3mm-30mm
Length	5.8m-11.8m,or as customer's requirements.
Technique	straight slit、spiral
Pipe end	Plain end, beveled end, PVC covered and both ends capped ,threaded and coupled









honing pipe









Product	honing pipe
Raw material	DIN ST52, SAE1020,CK45, 4140,16Mn,42CrMo,E355
Pressure & Temperature Classification	High pressure & temperature piping
Inner Diameter	40mm-320mm
Outer Diameter	50-400mm
Thickness	5-40mm
Length	7000mm
Straightness	Max 0.5/1000mm
Inside Surface Roughness (Ra)	0.2-0.4um
Tolerance INT	DIN2391 H8、EN10305, GB/T 1619

square pipe











Product	Square Steel pipe/tube
Standard	AISI/ASTM/DIN/JIS/GB/JIS/SUS/EN
Surface treatment	galvanized ,black ,painted or according to consumer’s requirement
Material	Q235 SS400 ASTMA36 S235JR S355JR ASTMA572 and so on.
Size	OD: 25*25mm-200*400mm Thinckness:1.5-12mm
Length	1m-12m Or Customized
Application	1 .Used in industrial, chemical equipment, 2.Building materials, architectural decoration,and so on.

steel plate/sheet



carbon steel sheet

product	carbon steel sheet/alloy sheet/wear plare
Standard:	AISI, ASTM, BS, DIN, GB, JIS
Material:	Q345B,Q345C,Q345D,Q345E,Q390,Q390B,Q390C,Q390D,Q390E, Q420,Q420B,Q420C,Q420DQ420E,Q460,Q460D,Q500C,Q500D, Q500E,Q550C,Q550D,Q550E,Q620C,Q620D,Q620E,Q690A,Q690B, Q690C,Q690D,Q690E,Q690D,Q690C,Q890C,Q890D16Mo3, 16MnL,16MnR ,16Mng,16MnDRHG785D,S690QL,50MN
Thickness:	9-18mm or as your request
Normal Width:	1250mm 1500mm 1800mm 2000mm etc.
Length:	Customers' Requirement
Technique:	Hot Rolled / Cold Rolled
Surface Treatment:	Oiled/non-oiled/galvanized/bright/black/annealed,etc.





carbon steel coil





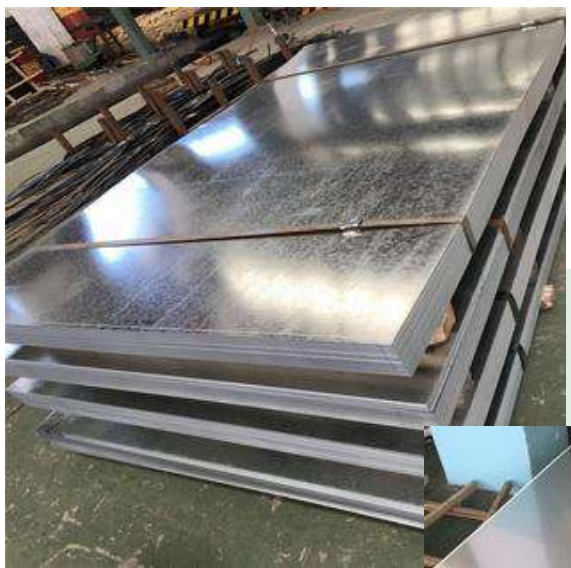


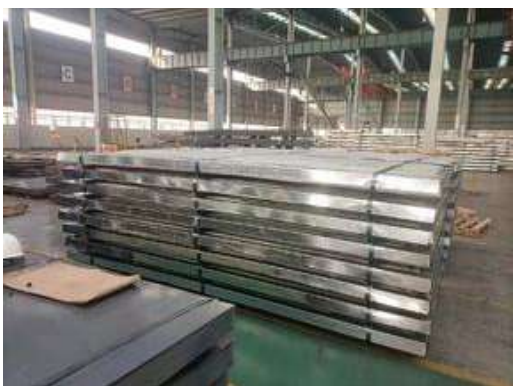
Name	Carbon Steel Coil
Standard	ASTM A53,ASTM A573,ASTM A238,GB/T 700-2006,GB/T711-2008,JIS G3101
Grade	A36 Grade50/SS400/Q235/Q345B/Q460/Q195/SPCC-SD/ST13/DC01,etc
Tolerance	±1%
Thickness	0.1 mm-300mm or as required
Width	1.5m-3m or as required
Coil Weight	3~10Tons
Surface Treatment	Black, Galvanized,Coated,Oiled, Painting,etc
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.

galvanized sheet

Product	Galvanized Steel Sheet
Size	Thickness: 0.20-6.0mm or as required Width:600-1250mm or as required Length:1-11m or as required
Standard	JIS G3302,ASTM A653M,EN 10327,DIN17162,EN 10142,EN 10147,EN 10292,JIS G3302
Material	Q345,Q345A,Q345B,Q345C,Q345D,Q345E,Q235B HC340LA,HC380LA,HC420LA B340LA,B410LA 15CRMO,12Cr1MoV,20CR,40CR,65MN A709GR50.etc.
Zinc Coating	40-600g/m2
Surface Treatment	Galvanized,PVC,Black and color paining Transparent oil,anti-rust oil
Color	RAL code or according to customer's sample









galvanized coil







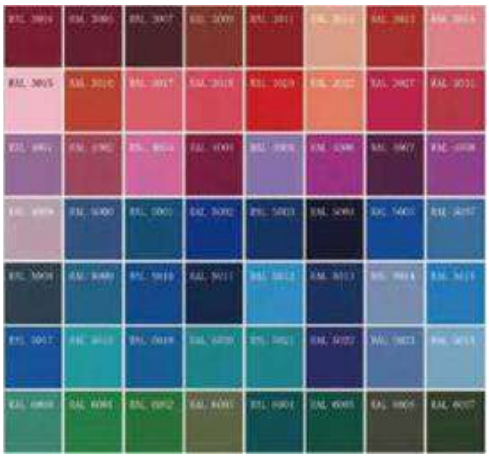
Product name	Galvanized Steel Coil
Grade	DX51D+Z， DX52D+Z,DX53D+Z,DX54D+Z, S220GD+Z,DX51D+Z/SGCC/A653/etc
Spangle coating	Big Spangle, small Spangle,Spangle-free
Surface Treatment	Galvanized,PVC,Black and color paining Transparent oil,anti-rust oil
Package weight	2 -6 ton per coil
Zinc Coating	40-600g/m2
Thickness	0.20-6.0 mm or as required
Width	600-1250 mm or as required

PPGI

color coated coil



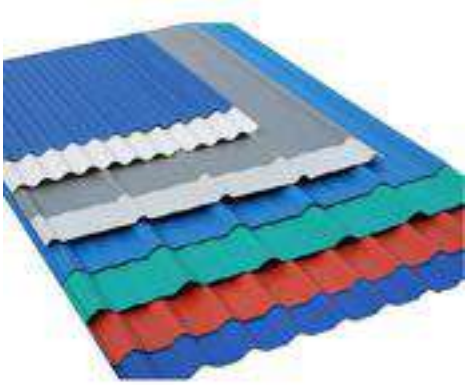
product name	color coated coil
Standard	ASTM,DIN,JIS,BS,GB/T
Grade	SGCC, CGCC, SGCH, DX51D+Z/DX53D+Z/S220GD-550GD
Width	600mm-1500mm or as required
Zinc Coating	40g/m2 to 275g/m2
Painting Thickness	Top side: 10-25microns; Back side: 3-20microns
Color	Standard color:red,blue,white, grey Special color:according to RAL color
Coil ID	508mm/610mm
Packing	Waterproof paper+plastic film+iron packing+bundling, or as customers request

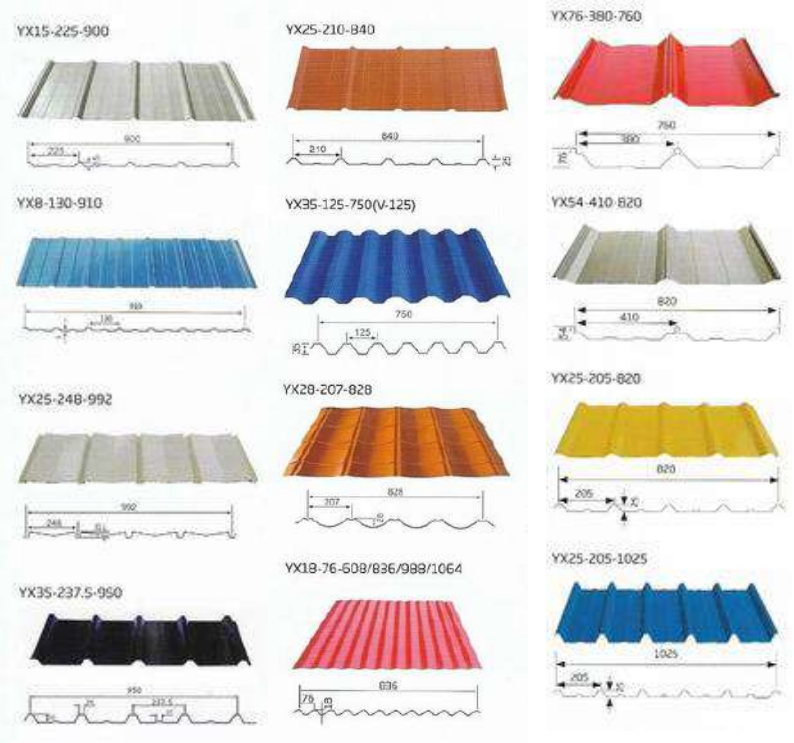






Roofing sheet





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/m2
Standard	ASTM,BS,GB,JIS,etc
Surface	Finished or unfinished is available, coat or without coat



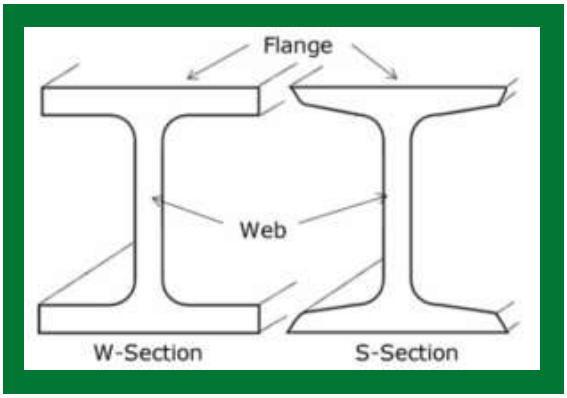


structural steel

H Beam



Name	H Beam、 I Beam
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
MOQ	20 Metric Ton/Metric Tons
Packaging Details	Bundled with firm steel straps, easy for loading



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





Angle bar



Product name	angle bar,galvanized angle steel
Standard	ASTM/DIN/JIS/GB/JIS/EN and so on.
Size	enqual:25*25*3-200*200*24mm Uneqaul:70*50*6-200*125*18mm
surface treatment	painted,black,galvanized and so on or according to consumer’s requirement.
Material	Q195,Q215,Q235B,Q345B,S235JR,S355JR„SS400,etc



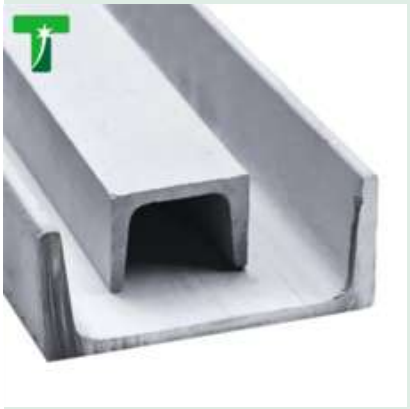






u-channel

Product Name	U channel,C channel
Standard	ASTM/DIN/JIS/GB/JIS /EN and so on.
Size	U75-U200 8#-32A#
surface treatment	painted,black,galvanized and so on or according to consumer's requirement.
Material	Q195,Q215,Q235B, Q345B,S235JR,S355JR, SS400,etc











C Channel



U Channel

Carbon Steel Bar

Product Name	Carbon Steel Bar
Material	Q195-Q420 Series,SS400-SS540 Series,S235JR-S355JR Series,ST Series,A36-A992 Series,Gr50 Series,etc.
Length	1-12m,or customization
Size	OD from 10 - 400mm, length from 1m-12m or according to customer's special request
Size Tolerance	±3%
Technology	Hot roll, cold roll, cold drawn, ect.
Shape	Round,Square,Flat,Rectangle,etc.
Processing method	Bending, Welding, Cutting, Punching, Polishing or as customer's request
Certificate	Certificate

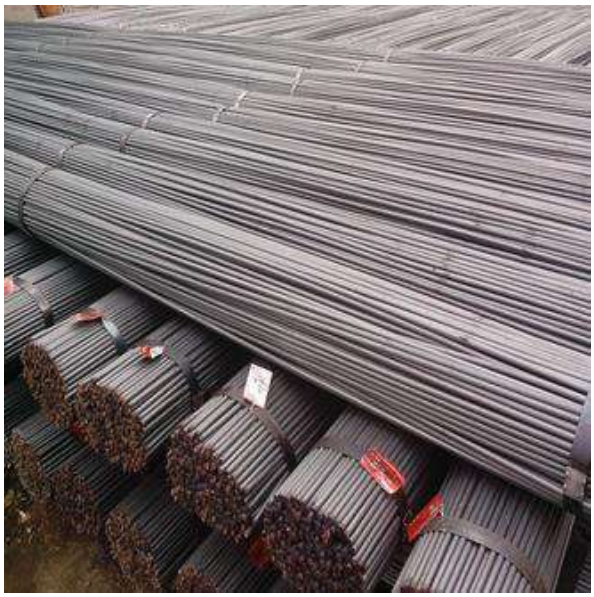















H13
286 - 0289
Φ385 x3009 mm
2738kg
H13
295 - 0083
Φ385 x3009
2738kg
H13
297 - 0065
Φ480 x3005 mm
4246kg
H13
336 - 0002
Φ595 x3007 mm
Φ490x3

Aluminum Product

product category





Factory









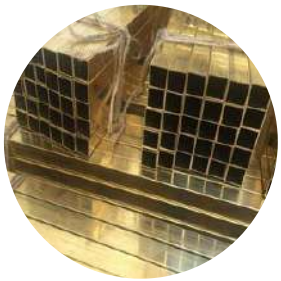




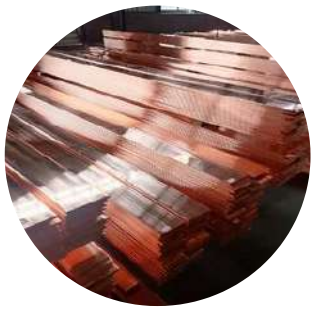
Copper Product





















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