XLT STEEL

山东鑫龙腾金属制造有限公司

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山东鑫龙金属制造有限公司
TIANJIN TAIGANG STEEL CO,LTD

PROFESSIONAL METAL

PRODUCT DISTRIBUTOR





山东鑫龙腾金属制造有限公司

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ABOUT US 公司简介

Shandong Xinlongteng Metal Manufacturing Co., Ltd. is located in Tianjin, adjacent to Beijing, with a superior geographical location, convenient transportation and beautiful environment. At present,
Tianjin has become a well-known steel distribution center in China. The company set sales, processing, distribution in one, specializing in carbon steel, alloy series, stainless steel series and other materials, reasonable prices, adequate inventory. We will be people-oriented, scientific management, standardized operation, innovative marketing, strengthen communication and cooperation with friends from all walks of life, to meet the needs of customers. We will be more and more new look, more enterprising spirit, sincere attitude, warm service and friends from all walks of life hand in hand to create a better tomorrow!







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CONTENTS

目录导航

P01-12
STAINLESS STEEL SERIES

- SHEET
- COIL/STRIP
- PIPE
- SQUARE TUBE
- SEAMLESS TUBE
- ROUND BAR
- FLAT BAR
- ANGLE BAR
- SQUARE BAR
- HEXAGONAL BAR
- H-BEAM
- U-CHANNEL
- WATER WAVE STAINLESS STEEL SHEET
- COLOR STAINLESS STEEL PLATE
- EMBOSSED STAINLESS STEEL SHEET
- COLOR STAINLESS STEEL TUBE
- STAINLESS STEEL GRADE COMPARISON TABLE

P13-18
ALLOY STEEL SERIES

- SHEET
- COIL/STRIP
- PIPE
- BAR
- ALLOY STEEL GRADE COMPARISON TABLE

P19-28
CARBON STEEL SERIES

- SHEET
- COIL/STRIP
- PIPE
- BAR
- Z TYPE STEEL SHEET PILE
- STEEL BULB FLAT
- CARBON STEEL CHANNEL
- STRUCTURAL CARBON STEEL BEAM
- CARBON STEEL, ALLOY STEEL PIPES WALL THICKNESS COMPARISON TABLE
- WEAR STEEL PLATE
- HARDOX STEEL PLATE
- CARBON STEEL MOLD STEEL GRADE PERFORMANCE TABLE
- CARBON STEEL LOW ALLOY HIGH STRENGTH STRUCTURAL STEEL WORLD STEEL COMPARISON TABLE

P29-34
GALVANIZED STEEL SERIES

- SHEET
- COIL/STRIP
- ANGLE STEEL
- PIPE
- AUTOMOBILE / COLD ROLLED STEEL COIL

P35-40
PPGI STEEL SERIES

- SHEET
- COIL/STRIP

P41-46
ALUMINUM SERIES

- SHEET
- COIL / STRIP
- PIPE
- BAR
- CIRCLE

P47-54
COPPER SERIES

- SHEET
- COIL/STRIP
- PIPE
- BAR
- PRODUCT PACKAGING

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STAINLESS STEEL SERIES

不锈钢系列

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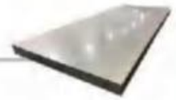
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STAINLESS STEEL



SHEET



APPLICATION

Applicable to various places, such as food delivery pipelines, drinking water pipelines, gas pipelines, fire pipelines



PARAMETER

- **Standard:** ASTM AISI ISO EN DIN GOST JIS
- **Length:** 5.8m,6m as customized
- **Width:** 3-2500mm or as required
- **Thickness:** 0.1mm-300mm
- **Surface:** 2B NO.1 NO.4 4K 8K Mirror PVC Laser Film Coating
- **Grade:** 201 202 203 204 301 302 303 304 304L 304H 321H 316L 316Ti 309S 310S 314 317 347 2205 2507 904 409 410 416 420 430 431 440C 444 446 17-4/7PH 610 620 630 669 etc.

COIL / STRIP



APPLICATION

Applicable to various places, such as food delivery pipelines, drinking water pipelines, gas pipelines, fire pipelines



PARAMETER

- **Standard:** ASTM AISI ISO EN DIN GOST JIS
- **Length:** As your request
- **Width:** 1000mm, 1219mm or as customized
- **Color:** Mill Color
- **Packing:** Standard Sea-worthy Packing
- **Surface:** 2B NO.1 NO.4 4K 8K Mirror PVC Laser Film Coating
- **Grade:** 201 202 203 204 301 302 303 304 304L 304H 321H 316L 316Ti 309S 310S 314 317 347 2205 2507 904 409 410 416 420 430 431 440C 444 446 17-4/7PH 610 620 630 669 etc.

PIPE



ADVANTAGE

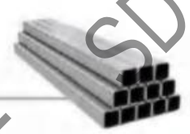
Fire and heat resistant to maintain strength at high temperatures



PARAMETER

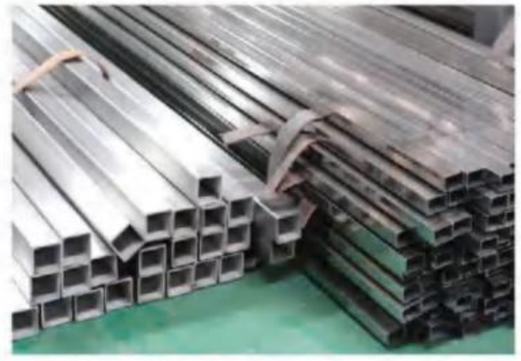
- **Standard:** ASTM AISI ISO EN DIN GOST JIS
- **Length:** 5.8m,6m or as required
- **Type:** Seamless/Welded
- **Surface:** Pickling,annealing bright,sand blast,etc
- **Grade:** 201 202 203 204 301 302 303 304 304L 304H 321H 316L 316Ti 309S 310S 314 317 347 2205 2507 904 409 410 416 420 430 431 440C 444 446 17-4/7PH 610 620 630 669 etc.

SQUARE TUBE



APPLICATION

Railings, Balustrade, Furniture, Fence, Decorations, Constructions, Food industry, etc.



PARAMETER

- **Length:** 6000mm or as required
- **Thickness:** 0.3-100mm or as required
- **Technique:** Hot/Cold Rolled
- **Type:** Seamless/Welded
- **Standard:** AISI, ASTM, DIN,JIS, GB,EN,etc.
- **Grade:** 201 202 203 204 301 302 303 304 304L 304H 321H 316L 316Ti 309S 310S 314 317 347 2205 2507 904 409 410 416 420 430 431 440C 444 446 17-4/7PH 610 620 630 669 etc.

STAINLESS STEEL



SEAMLESS TUBE



APPLICATION

Construction, Industry, decoration and foodstuff etc.



PARAMETER

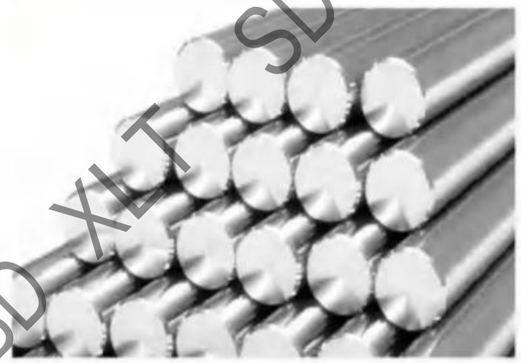
- **Outer Diameter (OD):** 3-1220mm
- **Thickness:** 0.4-120mm
- **Length:** 6000mm 5800mm 12000mm or Customized
- **Surface Finished:** Pickling, polished to 180 grit, 240 grit, 600 grit or customized
- **Standard :** ASTM AISI DIN JIS GB EN
- **Grade:** 201 202 203 204 301 302 303 304 304L 304H 321H 316L 316Ti 309S 310S 314 317 347 2205 2507 904 409 410 416 420 430 431 440C 444 446 17-4/7PH 610 620 630 669 etc.

ROUND BAR



APPLICATION

Fire and heat resistant to maintain strength at high temperatures



PARAMETER

- **Standard:** ASTM AISI ISO EN DIN GOST JIS
- **Type:** Dia.1-1220mm or as requirement
- **Shape:** Round
- **Tolerance:** ±1%
- **Technique:** Cold Rolled Hot Rolled
- **Grade:** 201 202 203 204 301 302 303 304 304L 304H 321H 316L 316Ti 309S 310S 314 317 347 2205 2507 904 409 410 416 420 430 431 440C 444 446 17-4/7PH 610 620 630 669 etc.

FLAT BAR



APPLICATION

Widely used in various building structures and engineering structures, such as beams, bridges, transmission towers, lifting and transportation machinery, ships, industrial furnaces, reactors, container shelves and warehouse shelves.



PARAMETER

- **Standard:** ASTM DIN GB ISO JIS AISI
- **Technique:** Cold/Hot rolled Cold drawing
- **Width:** 10mm-300mm or as customized
- **Length:** 2m, 5.8m, 6m, or as customized
- **Thickness:** 3.0-60.0mm or as per requirement
- **Grade:** 201 202 203 204 301 302 303 304 304L 304H 321H 316L 316Ti 309S 310S 314 317 347 2205 2507 904 409 410 416 420 430 431 440C 444 446 17-4/7PH 610 620 630 669 etc.

ANGLE BAR



APPLICATION

Widely used in all kinds of structures and engineering structures, such as building girders, bridges, transmission towers, lifting and conveying machinery, ships, industrial furnaces, reaction towers, container shelves and warehouse shelves.



PARAMETER

- **Standard:** AISI,ASTM,GB,DIN,BS,JIS
- **Thickness:** 1-30mm or as requirement
- **Length:** 4-12m , or customized
- **Surface:** Pickling, Brush,Polished etc
- **Grade:** 201 202 203 204 301 302 303 304 304L 304H 321H 316L 316Ti 309S 310S 314 317 347 2205 2507 904 409 410 416 420 430 431 440C 444 446 17-4/7PH 610 620 630 669 etc.

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STAINLESS STEEL



SQUARE BAR



APPLICATION

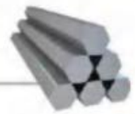
Kitchenware, home appliances, construction decoration, stairs, refrigerated container,etc.



PARAMETER

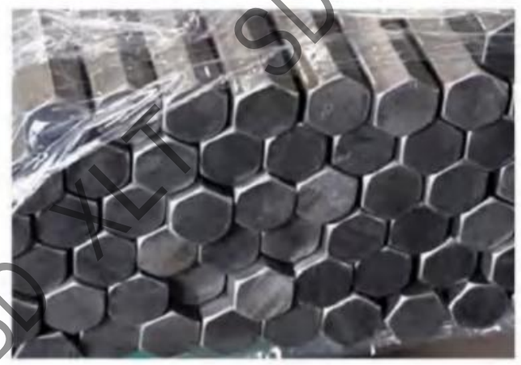
- **Certificate:** ISO9001,CE or EN3.1, EN3.2 etc.
- **Size:** According to customer needs
- **Standard:** AISI, ASTM,GB,BS,EN,JIS,DIN
- **Advantages:** Strong corrosion and decorative effect
- **Grade:** 201 202 203 204301 302 303 304 304L 304H 321H 316L 316Ti 3095 310S 314 317 347 2205 2507 904409 410 416 420 430 431 440C 444 44617-4/7PH610 620 630 669 etc.

HEXAGONAL BAR



APPLICATION

Widely used in all kinds of structures and engineering structures, such as building girders, Bridges, transmission towers, lifting and conveying machinery, ships, industrial furnaces, reaction towers, container shelves and warehouse shelves.



PARAMETER

- **Standard:** ASME, ASTM, EN, BS, GB, DIN, JIS etc
- **Technique:** Cold Rolled, Hot Rolled, Forging
- **Surface:** Annealed & Pickled, Bright, Polished, HL, Black
- **Hex Rod:** 8mm - 200mm, or customized
- **Grade:** 201 202 203 204301 302 303 304 304L 304H 321H 316L 316Ti 3095 310S 314 317 347 2205 2507 904409 410 416 420 430 431 440C 444 44617-4/7PH610 620 630 669 etc.

H-BEAM



APPLICATION

Mainly used in building structures, vehicle manufacturing and other industrial structures, often used with I-beam.



PARAMETER

- **Thickness:** 6-100mm or as requirement
- **Length:** 1-12m
- **Technique:** Hot/Cold rolled,Welded
- **Standard:** AISI,ASTM,GB,DIN,BS,JIS
- **Grade:** 201 202 203 204301 302 303 304 304L 304H 321H 316L 316Ti 3095 310S 314 317 347 2205 2507 904409 410 416 420 430 431 440C 444 44617-4/7PH610 620 630 669 etc.

U-CHANNEL



APPLICATION

Kitchenware,utensils,tableware,household appliances,construction decoration and daily products.



PARAMETER

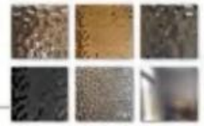
- **Thickness:** 4-100mm or as requirement
- **Length:** 1-12m
- **Technique:** Hot/Cold rolled,Welded
- **Standard:** AISI,ASTM,GB,DIN,BS,JIS
- **Grade:** 201 202 203 204301 302 303 304 304L 304H 321H 316L 316Ti 3095 310S 314 317 347 2205 2507 904409 410 416 420 430 431 440C 444 44617-4/7PH610 620 630 669 etc.

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STAINLESS STEEL



WATER WAVE STAINLESS STEEL SHEET



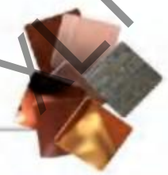
APPLICATION

Stainless steel water ripple, also known as water wave stainless steel, water grain stainless steel, is based on the reflective characteristics of 8K mirror stainless steel.

It is widely used in the decoration of hotels, clubs, swimming pools, pools, walls, and other high-end places.



COLOR STAINLESS STEEL PLATE

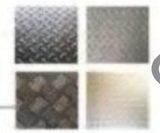


PARAMETER

Name	Colored Mirror Finish	Colored Hairline
ID	LS-B1	LS-B2
Material	201,304,316,430	201,304,316,430
Thickness	0.3mm-3mm	0.3mm-3mm
Regular Size	Width: ≤2500mm Length: ≤6000mm	Width: ≤2500mm Length: ≤6000mm
Feature	Various color of Mirror finish stainless steel sheets	Various color of Hairline stainless steel sheets
Application	in Industry,In Commerce,In Architecture,in Works of Art	



EMBOSSED STAINLESS STEEL SHEET



APPLICATION

- **Length:** As required
- **Width:** 3mm-2500mm or as required
- **Thickness:** 0.03mm-300mm or as required
- **Standard:** AISI,ASTM,DIN,GB,JIS,SUS,EN,etc
- **Technique:** Hot rolled / cold rolled
- **Material:** 201, 202, 301, 302, 303, 304, 304L, 304H, 310S, 316, 316L, 317L, 321,309S, 410, 410S, 420, 430, 431, 440A,904L
- **Application:** It is widely used in high temperature applications, medical devices, building materials, chemistry, food industry, agriculture,ship components. It also applies to food, beverage packaging, kitchen supplies, trains,aircraft, conveyor belts, vehicles, bolts, nuts, springs,and screen.



COLOR STAINLESS STEEL TUBE



PARAMETER

Name	Decorative Stainless Steel Color Pipe
Material	201,304,316,430etc
Tolerance	Outer diameter: ± 2mm Thickness: ± 0.05mm Length: ± 0.5mm
Regular Size	Round Tube: OD: 16-119mm or customized
Finishing	Sanded, Gloss #400, Mirror #600 - #1000, Brushed, Wood Grain, Embossed, Threaded, etc.
Application	Decorations, constructions, food industry, etc.



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STAINLESS STEEL GRADE COMPARISON TABLE

序号	中国 GB			日本 JIS	美国		韩国 KS	欧盟 BSEN	印度 IS	澳大利亚AS	中国台湾 CNS
	统一数字代码	新牌号	旧牌号		ASTM	UNS					
奥氏体不锈钢											
1	S35350	12Cr17Mn6Ni5N	1Cr17Mn6Ni5N	SUS201	201	S20100	STS201	1.4372	10Cr17Mn 6Ni4N20	201-2	201
2	S35450	12Cr18Mn9Ni5N	1Cr18Mn8Ni5N	SUS202	202	S20200	STS202	1.4373	–	–	202
3	S30110	12Cr17Ni7	1Cr17Ni7	SUS301	301	S30100	STS301	1.4319	10Cr17Ni7	301	301
4	S30408	06Cr19Ni10	0Cr18Ni9	SUS304	304	S30400	STS304	1.4301	07Cr18Ni9	304	304
5	S30403	022Cr19Ni10	00Cr19Ni10	SUS304L	304L	S30403	STS304L	1.4306	02Cr18Ni11	304L	304L
6	S30458	06Cr19Ni10N	0Cr19Ni9N	SUS304N1	304N	S30451	STS304N1	1.4315	–	304N1	304N1
7	S30478	06Cr19Ni9NbN	0Cr19Ni10NbN	SUS304N2	XM21	S30452	STS304N2	–	–	304N2	304N2
8	S30453	022Cr19Ni10N	00Cr18Ni10N	SUS304LN	304LN	S30453	STS304LN	–	–	304LN	304LN
9	S30510	10Cr18Ni12	1Cr18Ni12	SUS305	305	S30500	STS305	1.4303	–	305	305
10	S30908	06Cr23Ni13	0Cr23Ni13	SUS309S	309S	S30908	STS309S	1.4303	–	309S	309S
11	S31008	06Cr25Ni20	0Cr25Ni20	SUS310S	310S	S31008	STS310S	1.4845	–	310S	310S
12	S31608	06Cr17Ni12Mo2	0Cr17Ni12Mo2	SUS316	316	S31600	STS316	1.4401	04Cr17Ni 12Mo2	316	316
13	S31668	06Cr17Ni12Mo2Ti	0Cr18Ni12Mo3Ti	SUS316Ti	316Ti	S31635	–	1.4571	04Cr17Ni 12MoTi20	316Ti	316Ti
14	S31603	022Cr17Ni12Mo2	00Cr17Ni14Mo2	SUS316L	316L	S31603	STS316L	1.4404	~02Cr 17Ni12Mo2	316L	316L
15	S31658	06Cr17Ni12Mo2N	0Cr17Ni12Mo2N	SUS316N	316N	S31651	STS316N	–	–	316N	316N
16	S31653	022Cr17Ni13Mo2N	00Cr17Ni13Mo2N	SUS316LN	316LN	S31653	STS316LN	1.4429	–	316LN	316LN

不锈钢牌号对照表

序号	中国 GB			日本 JIS	美国		韩国 KS	欧盟 BSEN	印度 IS	澳大利亚AS	中国台湾 CNS
	统一数字代码	新牌号	旧牌号		ASTM	UNS					
奥氏体不锈钢											
17	S31688	06Cr18Ni12Mo2Cu2	0Cr18Ni12Mo2Cu2	SUS316J1	–	–	STS316J1	–	–	316J1	316J1
18	S31683	022Cr18Ni14Mo2Cu2	00Cr18Ni14Mo2Cu2	SUS316J1L	–	–	STS316J1L	–	–	–	316J1L
19	S31708	06Cr19Ni13Mo3	0Cr19Ni13Mo3	SUS317	317	S31700	STS317	–	–	317	317
20	S31703	022Cr19Ni13Mo3	00Cr19Ni13Mo3	SUS317L	317L	S31703	STS317L	1.4438	–	317L	317L
21	S32168	06Cr18Ni11Ti	0Cr18Ni10Ti	SUS321	321	S32100	STS321	1.4541	04Cr18Ni10Ti20	321	321
22	S34778	06Cr18Ni11Nb	0Cr18Ni11Nb	SUS347	347	S34700	STS347	1.4550	04Cr18Ni10Nb40	347	347
奥氏体-铁素体型不锈钢（双相不锈钢）											
23	–	–	0Cr26Ni5Mo2	SUS329J1	329	S32900	STS329J1	1.4477	–	329J1	329J1
24	S21953	022Cr19Ni5Mo3Si2N	00Cr18Ni5Mo3Si2	SUS329J3L	–	S31803	STS329J3L	1.4462	–	329J3L	329J3L
铁素体型不锈钢											
25	S11348	06Cr13Al	0Cr13Al	SUS405	405	S40500	STS405	1.4002	04Cr13	405	405
26	S11163	022Cr11Ti	–	SUH409	409	S40900	STS409	1.4512	–	409L	409L
27	S11203	022Cr12	00Cr12	SUS410L	–	–	STS410L	–	–	410L	410L
28	S11710	10Cr17	1Cr17	SUS430	430	S43000	STS430	1.4016	05Cr17	430	430
29	S11790	10Cr17Mo	1Cr17Mo	SUS434	434	S43400	STS434	1.4113	–	434	434
30	S11873	022Cr18NbTi	–	–	–	S43940	–	1.4509	–	439	439
31	S11972	019Cr19Mo2NbTi	00Cr18Mo2	SUS444	444	S44400	STS444	1.4521	–	444	444
马氏体型不锈钢											
32	S40310	12Cr12	1Cr12	SUS403	403	S40300	STS403	–	–	403	444
33	S41008	12Cr13	1Cr13	SUS410	410	S41000	STS410	1.4006	12Cr13	410	410
34	S42020	20Cr13	2Cr13	SUS420J1	420	S42000	STS420J1	1.4021	20Cr13	420	420J1
35	S42030	30Cr13	3Cr13	SUS420J2	–	–	STS420J2	1.4028	30 Cr13	420J2	420J2
36	S44070	68Cr17	7Cr17	SUS440A	440A	S44002	STS440A	–	–	440A	440A

SD XLT

ALLOY STEEL SERIES

合金钢系列

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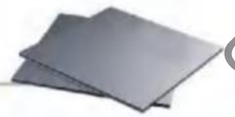


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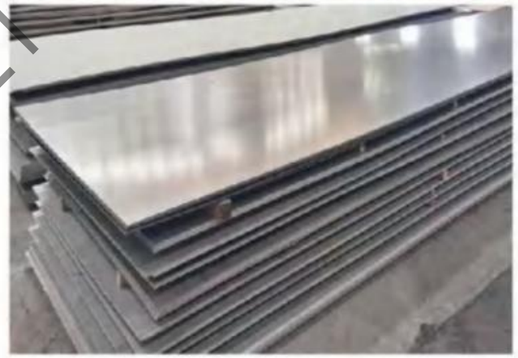
ALLOY STEEL



SHEET



CORROSION RESISTANCE AND HIGH TEMPERATURE RESISTANCE



APPLICATION

Used in the manufacture of cutting tools, cold work dies and highly wear-resistant parts, etc.

PARAMETER

- **Production process:** Hot rolling, cold rolling, forging, extrusion, continuous casting, casting
- **Width:** 100mm-2600mm,or customized
- **Tolerance:** ±1%
- **Alloy type:** Inconel,Incoloy, Hastelloy, Monel, superalloy, titanium alloy, precipitation hardening alloy, copper-nickel alloy

COIL / STRIP



CORROSION RESISTANCE AND HIGH TEMPERATURE RESISTANCE



APPLICATION

Used in the manufacture of cutting tools, cold work dies and highly wear-resistant parts, etc.

PARAMETER

- **Width:** 20-2000 mm,or customized
- **Type:** Coil, Strip
- **Alloy type:** Inconel,Incoloy,Hastelloy, Monel, superalloy, titanium alloy, precipitation hardening alloy, copper-nickel alloy
- **Production process:** Hot rolling, cold rolling, forging, casting

PIPE



CORROSION RESISTANCE AND HIGH TEMPERATURE RESISTANCE



ADVANTAGE

Low density, strong anti-seismic ability, can bear large impact load

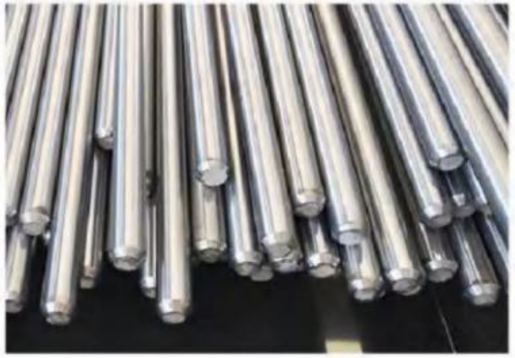
PARAMETER

- **Length:** 10-12000mm or as requirement
- **Tolerance:** ±1%
- **Pipe diameter:** 1/4" - 48"
- **Wall thickness:** SCH 5 ~ SCH XXS
- **Hardness:** Standard
- **Alloy type:** Inconel,Incoloy, Hastelloy, Monel, superalloy, titanium alloy, precipitation hardening alloy, copper-nickel alloy
- **Production process:** Hot rolling, extrusion, cold drawing, casting, forging

BAR



CORROSION RESISTANCE AND HIGH TEMPERATURE RESISTANCE



ADVANTAGE

Low density, strong anti-seismic ability, can bear large impact load

PARAMETER

- **Alloy type:** Inconel,Incoloy, Hastelloy, Monel, superalloy, titanium alloy, precipitation hardening alloy, copper-nickel alloy
- **Production process:** Hot rolling, cold drawing, casting, forging
- **Outer diameter:** 5mm~500mm
- **Surface:** Bright, Black

SD XLT

ALLOY STEEL GRADE COMPARISON TABLE

1	中国	美国	欧标	德国	英国	法国	成分
	GB	UNS		SEW VDIUV	BS	AFNOR	
Incoloy 800	NS111	N08800	1.4558	W.Nr.1.4876 X10NiCrAlTi3220	Na15	Z8NC32.21	0Cr20Ni32AlTi
Incoloy 800H	NS112	N08810		W.Nr.1.4958 X5 NiCrAlTi 31-20	NA 15 (H)		1Cr20Ni32AlTi
Incoloy 800HT		N08811		W.Nr.1.4959 X 8 NiCrAlTi 32-21			
Incoloy 825	NS142	N08825	2.4858	W.Nr.2.4858 NiCr21Mo	NA16	NC21FeDu	0Cr21Ni42Mo3Cu2Ti
Inconel 600	NS312	N06600	2.4817	W.Nr.2.4816 NiCrl 5Fe	NA14	NC15FE	1Cr15Ni75Fe8
Inconel 601	NS313	N06601	2.4851	W.Nr.2.4851 NiCr23Fe		NC23FeA	1Cr23Ni60Fe13Al
Inconel 625	NS336	N06625	2.4856	W.Nr.2.4856 NiCr22Mo9Nb	NA21	NC 22 DNb	0Cr20Ni65Mo10Nb4
Inconel 600	NS315		2.4642				0Cr30Ni60Fe10
Inconel 718	GH4169	N07718		W.Nr.2.4668 NiCr19Fe19Nb5Mo3	NA 51	NC19FeNb	
Incoloy 926		N08926		W.Nr.1.4529 X1NiCrMoCu	X1NiCrMoCu	X1NiCrMoCu	
Inconel X-750	GH4145	N07750		W.Nr.2.4669 NiCr15Fe7TiAl		NC15TNbA	
Monel 400		N04400		W.Nr.2.4360 NiCu30Fe	NA 12	Nu 30	
Hastelloy B	NS321	N10001					0Ni65Mo28Fe5V
Hastelloy B-2	NS322	N10665	2.4617	W.Nr.2.4617 NiMo28		NiMo28	00Ni70Mo28

合金钢牌号对照表

1	中国	美国	欧标	德国	英国	法国	成分
	GB	UNS		SEW VDIUV	BS	AFNOR	
Hastelloy C	NS333						0Cr15Ni60Mo16W5Fe5
Hastelloy C-4	NS335		2.4610				00Cr16Ni65Mo16Ti
Hastelloy C-22		N06022		W.Nr.2.4602			
Hastelloy C276	NS334	N10276	2.4819	W.Nr.2.4819 NiMo16Cr15W	NC17D		00Cr15Ni60Mo16W5Fe5
254SMO		S31254		W.Nr.1.4547			
904L		N08904		W.Nr.1.4539			
GH1140	GH1140						
GH2132	GH2132	S66286		W.Nr.1.4890			
GH3030	GH3030						
GH3044	GH3044						
GH3128	GH3128						
Carpenter 20	NS143	N08020		W.Nr.2.4660 NiCr20CuMo			
Alloy31		N08031		W.Nr.1.4562 X1NiCrMoCu32-28-7			
Invar 36		K93600		W.Nr.1.3912 Ni36	X1NiCrMoCu	Fe-Ni36	

产品：哈氏合金、高温合金、铜镍合金、英科耐尔、蒙乃尔、钛合金、沉淀硬化钢等各种中高端不锈钢，镍基合金等。
高温合金：GH3030、GH4169、GH3128、GH145、GH3039、GH3044、GH4099、GH605、GH5188等。
软磁合金：1J06、1J12、1J22、1J27、1J30、1J36、1J50、1J79、1J85等。
弹性合金：3J01、3J09、3J21、3J35等。
蒙乃尔合金：Monel 400（N04400）、Monel K500（N05500）等。
膨胀合金：4J28、4J29（与玻璃烧结）、4J32、4J33、4J34、4J36、（与陶瓷烧结）4J38、4J42、4J50等。
耐蚀合金：Inconel 600、601、617、625、686、690、713C、718、Inconel X-750等。
因科洛伊合金：Incoloy 20、330、718、800、800H、800HT、825、925、Inconel 926【N08926/1.4529】等。
哈氏合金：Hastelloy C、C-4、C-22（N06022）、C-276、C-2000、Hastelloy B、B-2、B-3等。
纯镍/钛合金：N4、N5（N02201）N6、N7（N02200）TA1、TA2、TA9、TA10、TC4等。
沉淀硬化钢/双相不锈钢：17-4PH（sus630）、17-7PH（sus631）、15-5PH/2205、2507、904L、254SMO、20#（N08020）。
生产工艺：热轧、锻轧、精扎、机轧、挤压、连铸、冷拔、浇铸、冷拉等。
供应规格：棒材、板材、管材、带材、毛细管、丝材及块料。

SD XLT

CARBON STEEL SERIES

碳钢系列

>>



CARBON STEEL

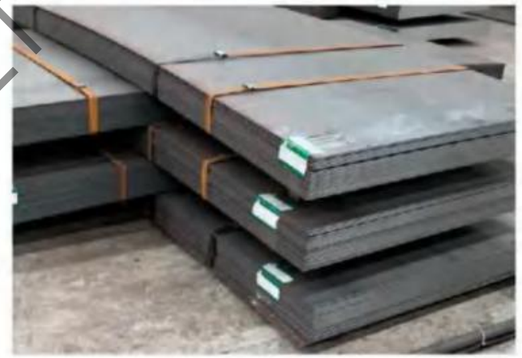


SHEET



APPLICATION

Manufacture of high-strength moving parts, such as pistons of air compressors, pumps, impellers of steam turbines, etc.



PARAMETER

- **Thickness:** 0.2-200mm
- **Length:** 10-12000mm or as requirement
- **Width:** 10-2500mm or as requirement
- **Material:** A36,S235,S275,DC01,1045etc.
- **Application:** Structural Steel, High Quality Carbon Steel, High Strength Steel, Mold Steel, Tool Steel, Spring Steel

COIL / STRIP



APPLICATION

Manufacture of high-strength moving parts, such as pistons of air compressors, pumps, impellers of steam turbines, etc.



PARAMETER

- **Tolerance:** ±1%
- **Length:** 1000-12000mm
- **Width:** 30-4000mm,or customized
- **Type:** Steel Coil, Steel Plate
- **Standard:** ASME, ASTM, JIS, DIN, ISO, GB
- **Material grade:** A36, DC01, 1045, Gr50, D2, 1066
- **Application:** Structural Steel, High Quality Carbon Steel, High Strength Steel, Mold Steel, Tool Steel, Spring Steel

PIPE



ADVANTAGE

Cost-effective, easy to smelt, and good processing technology



PARAMETER

- **Standard:** ASME, ASTM, JIS, DIN, ISO,GB
- **Length:** 12m, 6m, 6.4m,as required
- **Type:** Round square oval
- **Packing:** Standard Seaworthy Packing
- **Outer diameter:** 1/4 inch ~ 48 inches
- **Wall thickness:** Sch5 ~Sch XXS
- **Genre:** Seamless, Welding
- **Application:** Structural Steel, High Quality Carbon Steel, High Strength Steel, Mold Steel, Tool Steel, Spring Steel

BAR



ADVANTAGE

Cost-effective, easy to smelt, and good processing technology



PARAMETER

- **Standard:** ASME, ASTM, JIS, DIN, ISO,GB
- **Surface:** Black Pickled HL Brushed Polished
- **Tolerance:** ±1%
- **Technique:** Hot Rolled, Cold Drawn, Forging, Casting
- **Material grade:** A36, DC01, 1045, Gr50, D2, 1066
- **Application:** Structural Steel, High Quality Carbon Steel, High Strength Steel, Mold Steel, Tool Steel, Spring Steel

SD XLT

CARBON STEEL



Z TYPE STEEL SHEET PILE



APPLICATION

Cofferdam,retaining walls,car parking,bulkheads,
Land reclamation,Dock and jetty



PARAMETER

- **Steel Grade:** S275GP,S355GP,S390GP,S430GP
- **Standard:** EN10248,JIS A 5523 and JIS A 5528, ASTM A328/ASTM A328M
- **Watertight:** By sealant or welding

STEEL BULB FLAT



APPLICATION

Bulb Flats for Shipbuilding, Barge and Construction Industry



PARAMETER

- **Full Size Range:** b*t(mm) – 80 * 5 to 430 * 20
- **Length:** 20 Ft to 52 Ft
- **Grades:** A, B, A32, A36, AH / DH 36
- **Standard:** EN 10067 – 1997 GB / T 9945 – 2001

CARBON STEEL CHANNEL



APPLICATION

Foodstuff, gas, metallurgy, biology, electron, chemical, petroleum, boilers, nuclear, energy, construction field, ships buildingindustry, war and electricity industry, boiler heat exchange, machine and hardware fields and medical equipment, fertilizer, etc.



PARAMETER

- **Standard:** JIS, ASTM, GB, DIN, EN, AISI
- **Thickness:** 1.0–8.0mm
- **Height:** 80–300mm
- **Width:** 1.0–30mm
- **Lip width:** 10–40mm
- **Weight:** 0.912–43.588kg/m
- **Length:** 6m, 9m, 12m or any length as your requirement
- **Technique:** Hot rolled or cold bending

STRUCTURAL CARBON STEEL BEAM



APPLICATION

Suitable for automobile,building,shipping,etc



PARAMETER

- **Standard:** JIS, AISI, ASTM, GB, DIN, EN, etc.
- **Flange Thickness:** 8–36mm
- **Web Thickness:** 5–300mm or as requirement
- **Tolerance:** ±5%
- **Alloy or not:** Non-Alloy

SD XLT

CARBON STEEL, ALLOY STEEL PIPES WALL THICKNESS COMPARISON TABLE

公称直径	外径	SCH10		SCH20		SCH30		SCH40		SCH60	
INCH		壁厚	Kg/m	壁厚	Kg/m	壁厚	Kg/m	壁厚	Kg/m	壁厚	Kg/m
1/2	21.3							2.8	1.32		
3/4	26.9							2.9	1.72		
1	33.7							3.2	2.41		
11/4	42.4							3.6	3.44		
11/2	48.3							3.6	3.97		
2	60.3			3.2	4.51			4	5.55		
21/2	76.1			4.5	7.95			5	8.77		
3	88.9			4.5	9.37			5.6	11.5		
4	114.3			5	13.48			6.3	16.78		
5	139.7			5	16.61			6.3	20.72		
6	168.3			5.6	22.47			7.1	28.22		
8	219.1			6.3	33.06	7.1	37.12	8	41.65	10	51.56
10	273			6.3	41.43	8	52.28	8.8	57.33	12.5	80.3
12	323.9			6.3	49.34	8.8	68.38	10	77.41	14.2	108.45
14	355.6	6.3	54.27	8	68.57	10	85.22	11	93.48	16	133.99
16	406.4	6.3	62.16	8	78.6	10	97.75	12.5	121.42	17.5	167.83
18	457	6.3	70.02	8	88.58	11	120.98	14.2	155.06	20	215.53
20	508	6.3	77.94	10	122.81	12.5	152.74	16	194.12	20	240.68
22	559	6.3	85.87	10	135.38	12.5	168.46			25	329.21
24	610	6.3	93.79	10	147.96	14.5	208.03	17.5	255.69	25	360.65

碳钢、合金钢管道壁厚对照表

SCH80		SCH100		SCH120		SCH140		SCH160	
壁厚	Kg/m	壁厚	Kg/m	壁厚	Kg/m	壁厚	Kg/m	壁厚	Kg/m
3.6	1.57							4.5	1.86
4	2.26							5.6	2.94
4.5	3.24							6.3	4.26
5	4.61							6.3	5.61
5	5.34							7.1	7.21
5.6	7.55							8.8	11.18
7.1	12.08							10	16.3
8	15.96							11	21.13
8.8	22.89			11	28.02			14.2	35.05
10	31.89			12.5	39.21			16	48.81
11	42.67			14.2	53.96			17.5	65.08
12.5	63.68	16	80.14	17.5	87	20	98.2	22.2	107.79
16	101.4	17.5	110.26	22.2	137.3	25	137.48	28	169.17
17.5	132.23	22.2	165.17	25	184.27	28	204.31	32	230.34
20	165.52	25	203.81	28	226.2	32	255.36	36	283.73
22.2	210.33	28	261.28	30	278.45	36	328.83	40	361.41
25	266.33	30	315.89	36	373.75	40	411.33	45	457.2
28	331.43	32	375.62	40	461.64	45	513.79	50	564.71
28	366.64	36	464.3	40	511.94	50	627.6	55	683.58
32	456.11	40	562.25	45	626.98	55	752.75	60	813.78

SD XLT

CARBON STEEL





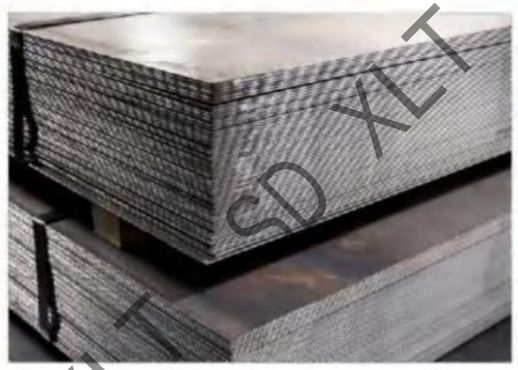
WEAR RESISTANT STEEL PLATE

APPLICATION

Widely used in metallurgy, coal, cement, electric power, glass, mining, building materials, bricks and tiles and other industries.

PARAMETER

- **Thickness:** >3mm
- **Length:** 10-12000mm or as requirement
- **Width:** As customer request
- **Standard:** JIS, AISI, ASTM, GB, DIN, EN
- **Grade:** NM360, NM400, NM450, NM500,NM550, NM600



HARDOX STEEL PLATE

APPLICATION

Widely used in aerospace, military weapons, chemical industry, shipbuilding, nuclearenergy, trains, contaners, precision machining, auto parts, medical treatment equipment. construction etc.

PARAMETER

- **Thickness:** >3mm
- **Length:** 10-12000mm or as requirement
- **Width:** As customer request
- **Standard:** JIS, AISI, ASTM, GB, DIN, EN
- **Grade:** Hardox 400, hardox 450, hardox500, hardox550, hardox600



GALVANIZED STEEL SERIES

镀锌钢系列

>>



GALVANIZED STEEL



SHEET



APPLICATION

Construction, engineering vehicles and bridges, construction ships, oil drilling rigs, etc

PARAMETER

- **Thickness:** 0.2-3.0mm
- **Length:** 10-12000mm
- **Width:** 1001-1250mm,or customized
- **Package:** Standard Ocean Freight Package



COIL/STRIP



APPLICATION

Construction, engineering vehicles and bridges, construction ships, oil drilling rigs, etc

PARAMETER

- **Tolerance:** ±5%
- **Length:** customized
- **Width:** 20-2000mm or as customized
- **Type:** Gi Galvanized Steel Coil



ANGLE STEEL



APPLICATION

Machinery manufacturing, electric power, communications, transportation and other fields.

PARAMETER

- **Length:** 6-30m
- **Hickness:** 1-30mm
- **Width:** 10-200mm
- **Zinc layer thickness:** 30-600 microns
- **Standard:** ASTM AISI GB JIS EN



PIPE



ADVANTAGE

The zinc coating formed by galvanizing is tough and long-lasting, providing decades of protection

PARAMETER

- **Standard:** ASTM AISI JIS DIN GB
- **Length:** 5.8/6/12 or as customized
- **Type:** Round/square/rectangle
- **Packing:** Standard Seaworthy Packing



PRODUCT PARAMETERS

COMPLETE PRODUCT RANGE

Product Name	Galvanized Steel Pipe/Tube
Outer Diameter	10-600mm(round)
Wall Thickness	0.5-30mm
Material	Q195—Grade B,SS330,SPC, S185 Q215—Grade C,CS Type B, SS330,SPHC Q235—Grade D,SS400,S235JR,S235J0,S235J2 Q345—SS500,ST52
Zinc coating	Pre galvanized steel pipe: 60-150g/m² Hot dipped galvanized steel pipe:200-400g/m²
Application	Widely used in Structure, Accessorize , Construction. Fluid transportation , machinery parts , the stress parts of the automobile Tractor parts and so on.



Big spangle



Regular spangle



Small spangle



Zero spangle

GALVANIZED TYPE

SD XLT

AUTOMOBILE / COLD ROLLED STEEL COIL





EXECUTIVE STANDARD

BRAND		
295QK	Q/TB 229-2020	-----Technical agreement
510QK	Q/TB 229-2020	Q/HG 100
550QK	Q/TB 229-2020	Q/HG 100
600QK	Q/TB 229-2020	Q/HG 100
650QK	Q/TB 229-2020	Q/HG 100
700QK	Q/TB 229-2020	Q/HG 100

It is mainly used in the assembly matrix of the transmission mechanism, using stamping and welding forming, with high strength, good drawing forming performance and excellent welding performance, which can not only meet the many processes of the processing process, but also has excellent fatigue performance.

AUTOMOBILE STEEL GRADE

Grade of steel

- **Automobile beam steel:** 800 / 750 / 700 / 610 / 510 / 420L
- **Box steel:** 800 / 700 / 750XT
- **Japanese standard automotive structural stee:** SAPH440 / 400 / 370 / 310
- **Daily standard rolled steel:** SPFH540 / 590
- **Deutsche Standard Automotive structural steel:** QStE700 / 550 / 500 / 460 / 420 / 380TM S700 / S550 / S500 / S420 / S355MC
- **Steel for automobile transmission shaft:** 500 / 550 / 700 / 750QZ
- **Wheel steel:** 590 / 490 / 420 / 380 / 330CL
- **High reaming steel:** HR440/580HE HR600/780HE
- **Hot forming steel:** 22MnB5 / HR1500HS
- **Wear-resistant steel:** NM300 / 400 / 450TP
- **Steel for mixing tank:** 520 / 620 / 700 / 720 / 750JJ
- **Axle housing steel:** 295 / 510 / 550 / 600 / 650 / 700QK / mass production
- **Hardness:** 1/4 1/2 3/4 Full Hard



COLD ROLLED STEEL STANDARDS AND GRADES

We can supply according to international mainstream standards such as enterprise standards, technical agreements, national and European standards, as well as VDA and automotive factory enterprise standards.

GB/T 5213-2019
Q/TB 303-2017EN 10130VDA239-100:2016
DC01-DC03
DC04 / 05 / 06 / 07

GB/T20564.3-2017
Q/TB 308.3-2017 EN 10268
VDA239-100:2016
HC180Y、T170P1、HC180IF、HC180Y、H180Y、
CR180IF、HC220Y、T210P1、HC220IF、HC220Y、
H220YC、R210IF、HC260Y、T250P1、HC260IF、HC260Y、H220YC、R250IF



SD XLT

PPGI STEEL SERIES

PPGI
彩钢系列

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PPGI STEEL



SHEET



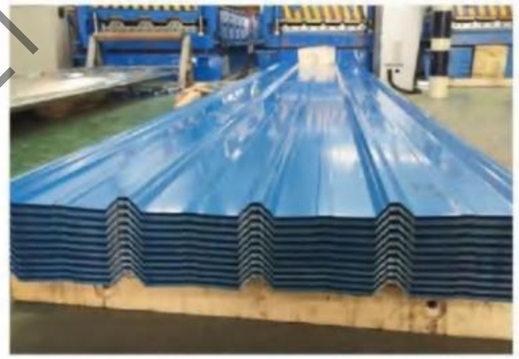
APPLICATION

Factories, warehouses, office buildings, gymnasiums, hangars, etc.Can be used to build multi-storey or high-rise buildings.

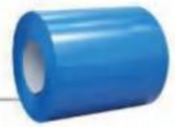
PARAMETER

- **Technique:** Hot/Cold Rolled
- **Length:** As customized
- **Special Use:** High-strength Steel Plate
- **Color:** RAL Colors

DURABLE AND EASY TO REPAIR



COIL / STRIP



APPLICATION

Factories, warehouses, office buildings, gymnasiums, hangars, etc.Can be used to build multi-storey or high-rise buildings.

PARAMETER

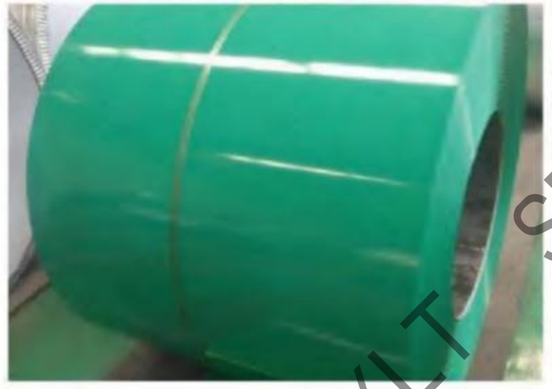
- **Thickness:** 0.12-3.0mm
- **Length:** As required
- **Width:** 20-2000mm or as requirement
- **Color:** RAL K7 Classic color chart or according to customer's sample color

DURABLE AND EASY TO REPAIR



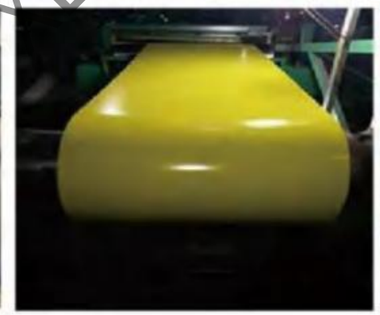


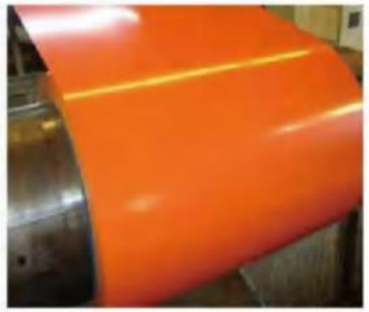












DUCTILE IRONPIPE



PRODUCTS DESCRIP

- 1) The standard of pipe: ISO 2531, EN545 , En598.
- 2) Pipe class: K7, K8, K9, K10,K11, K12,C40, C30, C25, etc.
- 3)Size:Outside Diameter: 98mm-1255mm
  Inside Diameter: 80mm-1200mm
  Wall Thickness: 6mm-153mm
  Length: 6m, cut to 5.7m, or as required.
- 4) Pipe joint: push-on joint(Tyton joint), K type joint, self-restrained joint
- 5) Effective length: in general, the pipe length is 6m for bulk shipment and 5.7m for container shipment.
- 6) Internal lining: cement mortar lining as per ISO4179
- 7) Zinc coating: at least 130g/m2 as per ISO 8179
- 8) Bitumen painting: at least 70um as per ISO 8179
- 9) Gaskets are NBR rubber, natural rubber, SBR rubber or EPDM rubber ring as per ISO4633
- 10) DN 80 - 2,600 mm
- 11) High strength, lighter than gray iron, good corrosion resistance, no furring, small flow resistance, easy fixing, long life time
- 12) Checked by automatic inspection equipment
- 13) Chemical composition (%)
  a) C: 3.5 - 4.0 b) Si: 1.9 - 2.6 c) Mn:0.15 - 0.45 d) P: <0.06 e) S: <0.02
- 14) Mechanical properties
  a) Tensile strength: ≥420MPa b) Yield strength: ≥300Mpa c) Hardness: ≤230HB
  d) Elongation%: DN80 - 1000 ≥10 DN1200 - 2200 ≥7
- 15) Process and testing:
  a) Induction furnace and treated metal (Chemical analysis of raw material, spheroidizing & Nodularity)
  b) Casting (Visual check and weight check) c) Heat treatment (Micro structure)
  d) Hydrostatic test (Pressure test)
  e) Dimensional checks (Checking pipe length and joint, OD, wall thickness, appearance)
  f) Zinc spraying (Thickness testing)
  g) Lining and coating (100% visual check, thickness testing randomly)
  h) Marking and packing (100% visual check)
- 16) The pipe coating can be customized, such as, zinc-aluminum alloy, PU, etc.





















ALUMINUM SERIES

铝系列

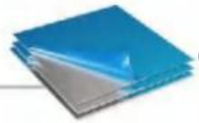
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ALUMINUM SERIES



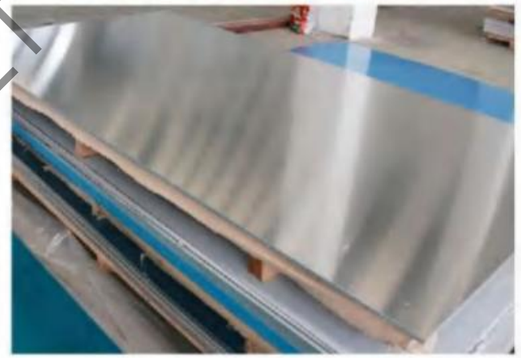
SHEET



LOW DENSITY AND LIGHT WEIGHT

APPLICATION

Widely used in aircraft, automobile, train, ship and other manufac-turing industries



PARAMETER

- **Thickness:** 0.2-200mm Customized
- **Type:** Plate
- **Width:** 10-2500mm
- **Standard:** ASTM AISI JIS DIN GB
- **Aluminium grade:** 1000-8000 Series

PIPE



LOW DENSITY AND LIGHT WEIGHT

ADVANTAGE

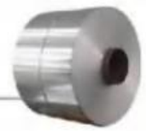
It has good ductility and can be made into aluminum foil thinner than 0.01 mm at 100 ℃ ~ 150 ℃



PARAMETER

- **Shape:** Round, Square, Rectangle
- **Length:** Customers Requested
- **Type:** Seamless/Welded
- **Thickness:** As you require
- **Alloy or not:** Is Alloy
- **Aluminium grade:** 1000-8000 Series

COIL / STRIP



LOW DENSITY AND LIGHT WEIGHT

APPLICATION

Widely used in aircraft, automobile, train, ship and other manufac-turing industries



PARAMETER

- **Tolerance:** ±1%
- **Standard:** GB/T3880;ASTM B209
- **Width:** 10-2500mm
- **Type:** Coil/strip
- **Aluminium grade:** 1000-8000 Series

BAR



LOW DENSITY AND LIGHT WEIGHT

ADVANTAGE

It has good ductility and can be made into aluminum foil thinner than 0.01 mm at 100 ℃ ~ 150 ℃



PARAMETER

- **Standard:** ASTM AISI JIS DIN GB
- **Hardness:** 60-150
- **Grade:** 1000series-7000 series
- **Technique:** Cold Drawn, Extruded
- **Shape:** Round

ALUMINUM CIRCLE





ADVANTAGE

- High conductivity
- Good corrosion resistant performance
- High latent heat of melting
- High-reflectance
- Well welding property
- Low strength

Aluminum Alloys Chemical Composition

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	V	Ti	Bi	Ga	Pb	Zr	Limits Each	Limits Total	Al
1050	0.25	0.4	0.05	0.05	0.05			0.05						0.03		99.5min
1060	0.25	0.35	0.05	0.03	0.03	0.03	0.05	0.05	0.03	0.03	0.03	0.03	0.03	0.03		99.6min
1100	0.95 Si+Fe		0.05-0.20	0.05			0.1							0.05	0.15	99.0min
1199	0.006	0.006	0.06	0.002	0.006		0.006	0.005	0.002		0.05			0.002		99.99min
2014	0.5-1.2	0.7	3.9-5.0	0.40-1.2	0.20-0.8	0.1	0.25		0.15					0.05	0.15	remainder
2024	0.5	0.5	3.8-4.9	0.30-0.9	1.2-1.8	0.1	0.25		0.15					0.05	0.15	remainder
2219	0.2	0.3	5.8-6.8	0.20-0.40	0.02		0.1	0.05-0.15	0.02-0.10				0.10-0.25	0.05	0.15	remainder
3003	0.6	0.7	0.05-0.20	1.0-1.5			0.1							0.05	0.15	remainder
3004	0.3	0.7	0.25	1.0-1.5	0.8-1.3		0.25							0.05	0.15	remainder
3102	0.4	0.7	0.1	0.05-0.40			0.3		0.1					0.05	0.15	remainder
4043	4.5-6.0	0.8	0.3	0.05	0.05		0.1		0.2					0.05	0.15	remainder
5052	0.25	0.4	0.1	0.1	2.2-2.8	0.15-0.35	0.1							0.05	0.15	remainder
5083	0.4	0.4	0.1	0.40-1.0	4.0-4.9	0.05-0.25	0.25		0.15					0.05	0.15	remainder
5086	0.4	0.5	0.1	0.20-0.7	3.5-4.5	0.05-0.25	0.25		0.15					0.05	0.15	remainder
5154	0.25	0.4	0.1	0.1	3.10-3.90	0.15-0.35	0.2		0.2					0.05	0.15	remainder
5356	0.25	0.4	0.1	0.1	4.50-5.50	0.05-0.20	0.1		0.06-0.20					0.05	0.15	remainder
5454	0.25	0.4	0.1	0.50-1.0	2.4-3.0	0.05-0.20	0.25		0.2					0.05	0.15	remainder
5456	0.25	0.4	0.1	0.50-1.0	4.7-5.5	0.05-0.20	0.25		0.2					0.05	0.15	remainder
5754	0.4	0.4	0.1	0.5	2.6-3.6	0.3	0.2		0.15					0.05	0.15	remainder
6005	0.6-0.9	0.35	0.1	0.1	0.40-0.6	0.1	0.1		0.1					0.05	0.15	remainder
6005A+	0.50-0.9	0.35	0.3	0.5	0.40-0.7	0.3	0.2		0.1					0.05	0.15	remainder
6060	0.30-0.6	0.10-0.30	0.1	0.1	0.35-0.6	0.05	0.15		0.1					0.05	0.15	remainder
6061	0.40-0.8	0.7	0.15-0.40	0.15	0.8-1.2	0.04-0.35	0.25		0.15					0.05	0.15	remainder
6063	0.20-0.6	0.35	0.1	0.1	0.45-0.9	0.1	0.1		0.1					0.05	0.15	remainder
6066	0.9-1.8	0.5	0.7-1.2	0.6-1.1	0.8-1.4	0.4	0.25		0.2					0.05	0.15	remainder
6070	1.0-1.7	0.5	0.15-0.40	0.40-1.0	0.6-1.2	0.1	0.25		0.15					0.05	0.15	remainder
6082	0.7-1.3	0.5	0.1	0.40-1.0	0.6-1.2	0.25	0.2		0.1					0.05	0.15	remainder
6105	0.6-1.0	0.35	0.1	0.1	0.45-0.8	0.1	0.1		0.1					0.05	0.15	remainder
6162	0.40-0.8	0.5	0.2	0.1	0.7-1.1	0.1	0.25		0.1					0.05	0.15	remainder
6262	0.40-0.8	0.7	0.15-0.40	0.15	0.8-1.2	0.04-0.14	0.25		0.15	0.40-0.7		0.40-0.7		0.05	0.15	remainder
6351	0.7-1.3	0.5	0.1	0.40-0.8	0.40-0.8		0.2		0.2					0.05	0.15	remainder
6463	0.20-0.6	0.15	0.2	0.05	0.45-0.9		0.05							0.05	0.15	remainder
7005	0.35	0.4	0.1	0.20-0.70	1.0-1.8	0.06-0.20	4.0-5.0		0.01-0.06				0.08-0.20	0.05	0.15	remainder
7022	0.5	0.5	0.50-1.00	0.10-0.40	2.60-3.70	0.10-0.30	4.30-5.20		0.2					0.05	0.15	remainder
7072	0.7 Si+Fe		0.1	0.1	0.1		0.8-1.3							0.05	0.15	remainder
7075	0.4	0.5	1.2-2.0	0.3	2.1-2.9	0.18-0.28	5.1-6.1		0.2					0.05	0.15	remainder
7076	0.3	0.4	0.40-0.80	0.10-0.30	2.9-3.7	0.10-0.25	3.8-4.8		0.1					0.05	0.15	remainder
7116	0.15	0.3	0.50-1.1	0.05	0.8-1.4		4.2-5.2	0.05	0.05		0.03			0.05	0.15	remainder
7129	0.15	0.3	0.50-0.9	0.1	1.3-2.0	0.1	4.2-5.2	0.05	0.05		0.03			0.05	0.15	remainder
7178	0.4	0.5	1.6-2.4	0.3	2.4-3.1	0.18-0.28	6.3-7.3		0.2					0.05	0.15	remainder

COPPER SERIES

铜系列

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COPPER SERISE



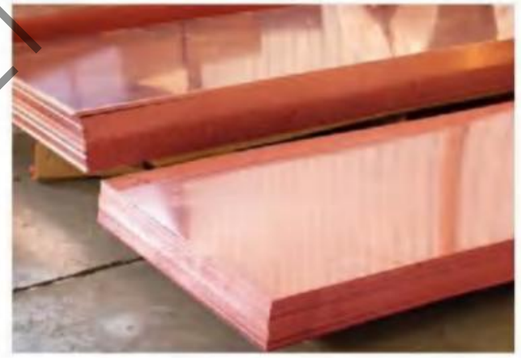
SHEET



HIGH COMPRESSIVE STRENGTH

APPLICATION

It is widely used in the manufacture of wires, cables, compasses, aviation instruments, etc.



PARAMETER

- **Material:** Brass
- **Type:** Copper Sheet
- **Width:** 20~2500mm,or customized
- **Hardness:** Soft and Hard
- **Color:** RAL Colors

COIL / STRIP



HIGH COMPRESSIVE STRENGTH

APPLICATION

It is widely used in the manufacture of wires, cables, compasses, aviation instruments, etc.



PARAMETER

- **Material:** Red Yellow Copper Tin Bronze
- **Standard:** JIS ASTM DIN EN ISO
- **Width:** 3mm~1220mm,or customized
- **Type:** Coil/strip

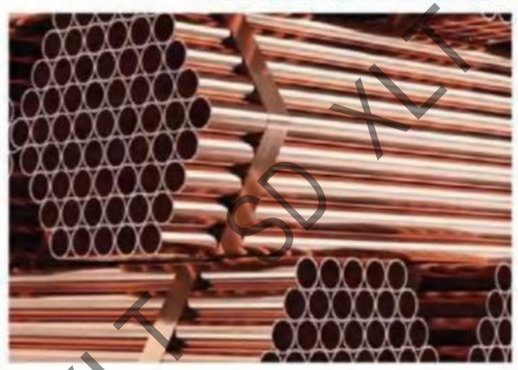
PIPE



HIGH COMPRESSIVE STRENGTH

ADVANTAGE

Copper has good resistance, it is not easy to be damaged under the influence of external force



PARAMETER

- **Alloy or not:** Non-Alloy
- **Length:** As customized
- **Type:** Round/square
- **Wall Thickness:** 0.1~200mm
- **Grade:** C10100,C10200, C11000,C12000,etc.

BAR



HIGH COMPRESSIVE STRENGTH

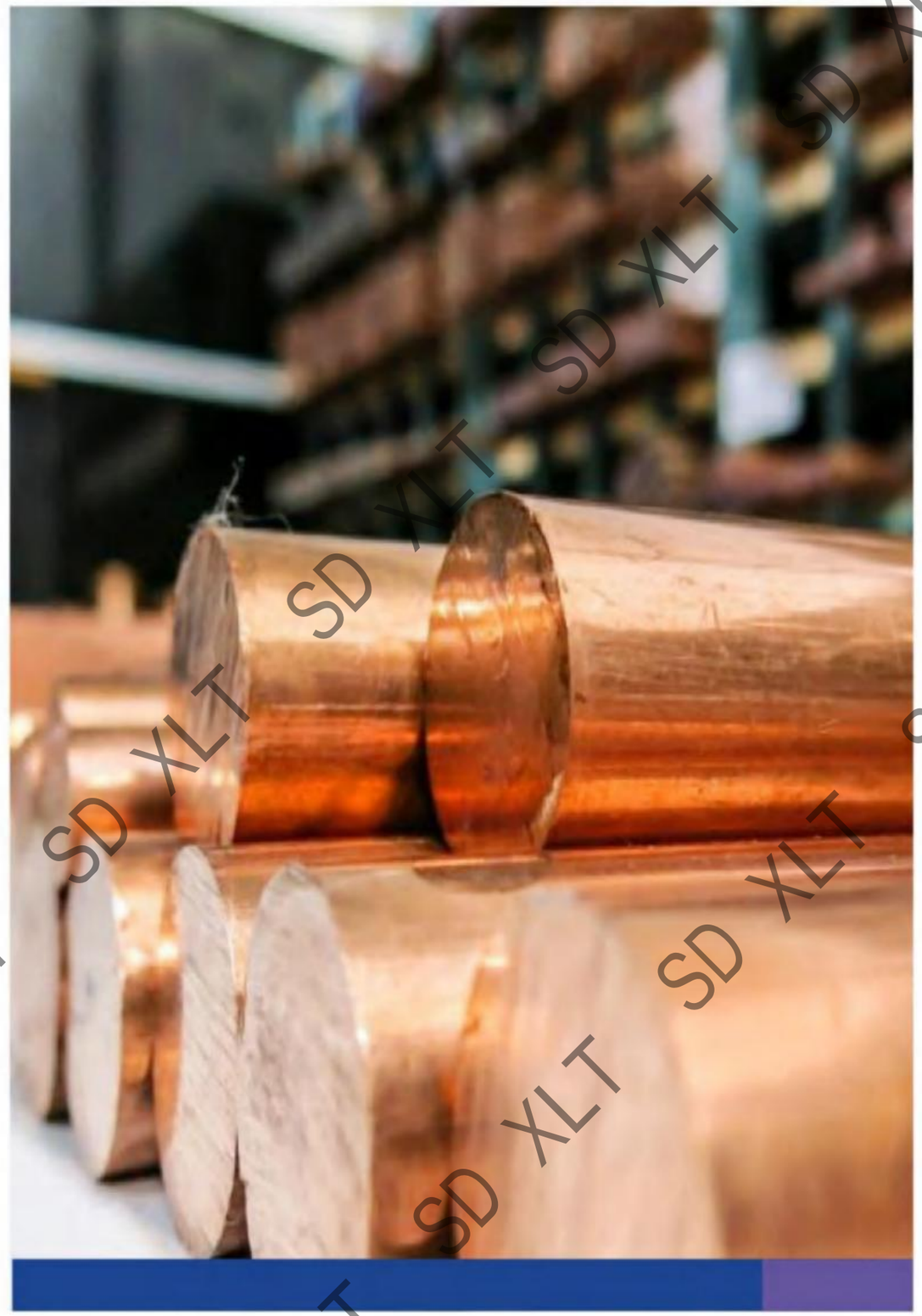
ADVANTAGE

Copper has good resistance, it is not easy to be damaged under the influence of external force

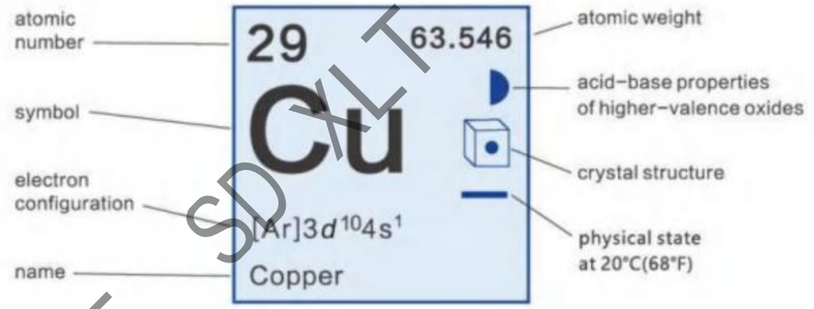


PARAMETER

- **Standard:** JIS ASTM DIN EN ISO
- **Grade:** Pure Copper/Brass/Yellow Copper
- **Size:** OD.3~200mm
- **Length:** 1~6m or customized
- **Shape:** Round/square/flat



Copper



COPPER COMPOSITION

GB	DIN		EN		ISO	UNS	JIS
TU2	OF–Cu		2.0040		Cu–OFE	CW009A	Cu–OF
–	SE–Cu	2.0070	Cu–HCP	CW021A	–	C10100	C1011
–	SE–Cu	2.0070	Cu–PHC	CW020A	–	C10300	–
T2	E–Cu58	2.0065	Cu–ETP	CW004A	Cu–ETP	C10300	–
TP2	SF–Cu	2.0090	Cu–DHP	CW024A	Cu–DHP	C11000	C1100
–	SF–Cu	2.0090	Cu–DHP	CW024A	Cu–DHP	C12200	C1220
–	SF–Cu	2.0090	Cu–DHP	CW024A	Cu–DLP	C12200	C1220
TP1	SW–Cu	2.0076	Cu–DLP	CW023A	Cu–DLP	C12200	C1220
H96	CuZn5	2.0220	CuZn5	CE500L	CuZn5	C12000	C1201

GB	Composition (%)			
	Cu	P	O	Other
TU1	99.97	0.002	less than 0.002	balance
TU2	99.95	0.002	less than 0.003	balance
T2	99.9	–	–	balance
TP1	99.9	0.004–0.012	–	balance
TP2	99.9	0.015–0.040	–	balance
C10200	99.95	0.001–0.005	–	balance
C11000	99.9	–	–	balance
C12000	99.9	0.004–0.012	–	balance
C12200	99.9	0.015–0.040	–	balance

MECHANICAL PROPERTIE

Grade(china)	Grade(Japan)	Temper	External diameter(mm)	Tensile strength(Mpa)	Elongation(%)	
					δ10	δ5
				More than		
T2/T3/TP1/TP2	C11000/C1201 C1220	Y	more than 100	315	–	–
			more than 100–360	295	–	–
		Y2	less than 100	235–345	–	–
		M	3–360	205	35	40

SD XLT

PRODUCT PACKAGING











