质量精益求精 Quality excellence
服务尽善尽美 Service Perfect



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XH Steel
XinHe International

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+8613969528858



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COIL/ STRIP
PIPE
BAR



STAINLESS STEEL SERIES
不锈钢系列

STAINLESS STEEL SHEET –



FIELD

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

PARAMETER

- Standard：AISI ASTM DIN etc
- Length：As required
- Width：3mm–2000mm or as required
- Thickness：0 . 1mm–300mm or asrequiredSurface



STAINLESS STEEL – COIL/STRIP



FIELD

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

PARAMETER

- Standard：AISI ASTM DIN etc
- Length：As your request
- Width：1000, 1219or as your request
- Color：Mill Color
- Packing：Standard Sea–worthy Packing



STAINLESS STEEL PIPE –



STAINLESS STEEL SQUARE TUBE



ADVANTAGE

Fire and heat resistant to maintain strength at high temperatures

PARAMETER

- Standard: AISI ASTM DIN etc
- Length: 5.8m,6m or as required
- type: tube/pipe
- Surface: pickling,annealing bright,sand blast,etc



FIELD

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

PARAMETER

- Length: 6000mm or as required
- Thickness: 0.3–3 mm or as required
- Technique: Cold rolled
- Standard: AISI, ASTM, DIN,JIS, GB,SUS,EN,etc.



STAINLESS STEEL –SEAMLESS TUBE

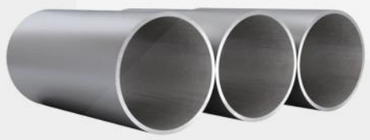


FIELD

Construction, Industry, decoration and foodstuff etc.

PARAMETER

- Outter 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
- StandardASTM: AISI DIN JIS GB EN



STAINLESS STEEL –ROUND BAR



ADVANTAGE

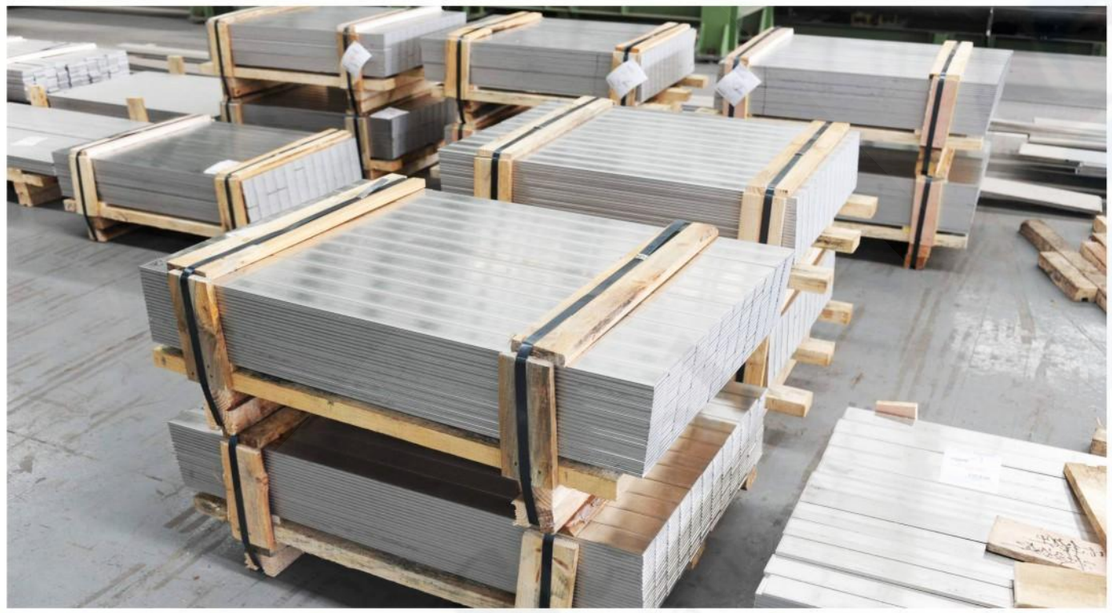
Fire and heat resistant to maintain strength at high temperatures

PARAMETER

- Standard: AISI ASTM DIN etc
- Type: Round, Square,Flat,Angle,
- Shape: Round
- Tolerance: ±1%
- Technique: Cold Rolled Hot Rolled



STAINLESS STEEL –FLAT BAR

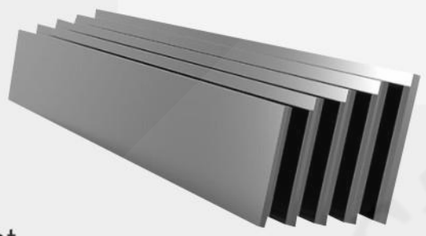


ADVANTAGE

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 BA ANSI
- Craft: Cold drawing, cold rolling, hot rolling
- Width: 10mm–300mm or as needed
- Length: 2m, 5.8m, 6m, or as needed
- Thickness: 3.0–60.0mm or as per requirement



STAINLESS STEEL –ANGLE BAR



ADVANTAGE

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

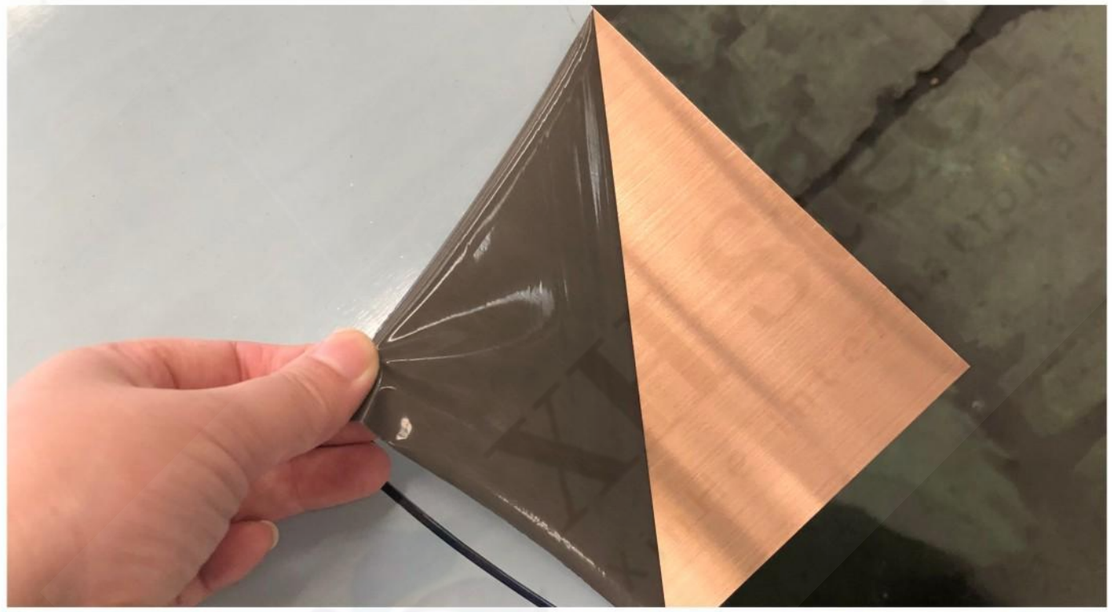
- Standard: AISI,ASTM,GB,DIN,BS,JIS
- Thickness: 6mm
- Length: 1–12m , or customized
- side length: 50x50 mm,or customized



WATER WAVE STAINLESS STEEL SHEET



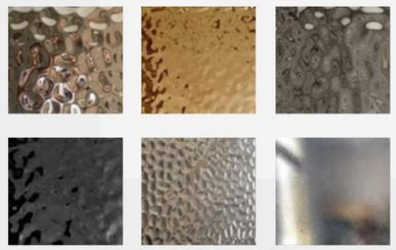
COLOR STAINLESS STEEL PLATE



FIELD

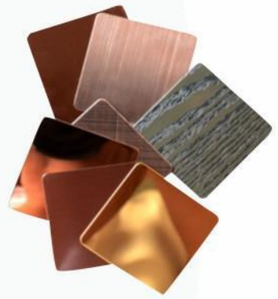
Stainless steel water ripple, also known as water wave stainless steel, water grain stainless steel, is based on the reflective characteristics of 8K mirror stainless steel.

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



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：≤1219mm Length：≤6000mm	Width：≤1219mm 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	



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	10Cr17Mn6Ni4N20	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	04Cr17Ni12Mo2	316	316
13	S31668	06Cr17Ni12Mo2Ti	0Cr18Ni12Mo3Ti	SUS316Ti	316Ti	S31635	-	1.4571	04Cr17Ni12MoTi20	316Ti	316Ti
14	S31603	022Cr17Ni12Mo2	00Cr17Ni14Mo2	SUS316L	316L	S31603	STS316L	1.4404	~02Cr17Ni12Mo2	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

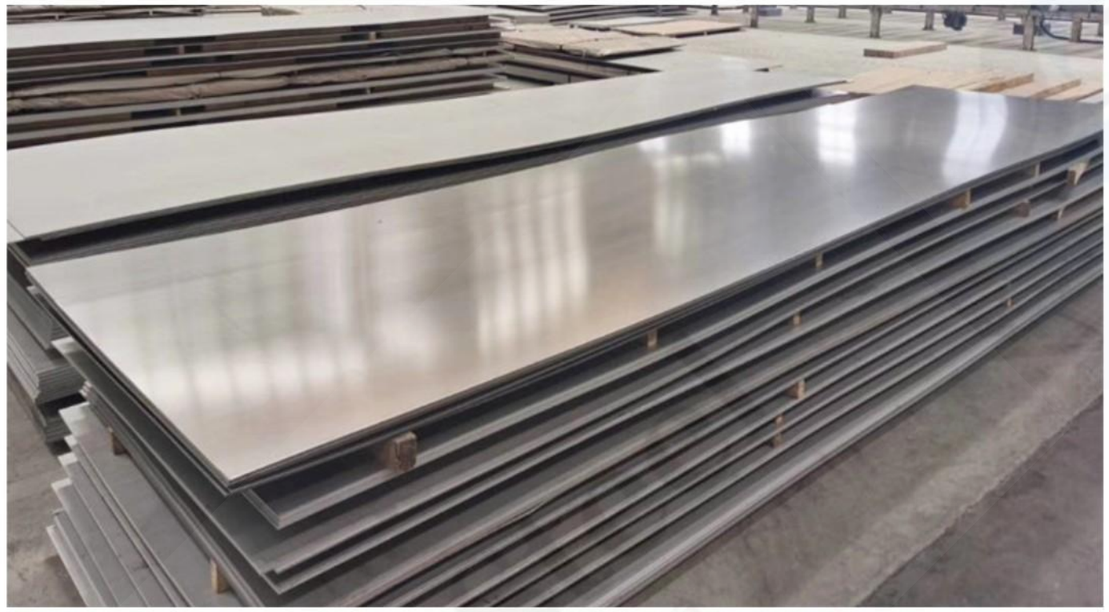
序号	中国 GB			日本 JIS	美国		韩国 KS	欧盟 BSEN	印度 IS	澳大利亚AS	中国台湾 CNS
	统一数字代码	新牌号	旧牌号		ASTM	UNS					
奥氏体不锈钢											
1	S31688	06Cr18Ni12Mo2Cu2	0Cr18Ni12Mo2Cu2	SUS316J1	–	–	STS316J1	–	–	316J1	316J1
2	S31683	022Cr18Ni14Mo2Cu2	00Cr18Ni14Mo2Cu2	SUS316J1L	–	–	STS316J1L	–	–	–	316J1L
	S31708	06Cr19Ni13Mo3	0Cr19Ni13Mo3	SUS317	317	S31700	STS317	–	–	317	317
	S31703	022Cr19Ni13Mo3	00Cr19Ni13Mo3	SUS317L	317L	S31703	STS317L	1.4438	–	317L	317L
	S32168	06Cr18Ni11Ti	0Cr18Ni10Ti	SUS321	321	S32100	STS321	1.4541	04Cr18Ni10Ti20	321	321
	S34778	06Cr18Ni11Nb	0Cr18Ni11Nb	SUS347	347	S34700	STS347	1.4550	04Cr18Ni10Nb40	347	347
	–	–	0Cr26Ni5Mo2	SUS329J1	329	S32900	STS329J1	1.4477	–	329J1	329J1
	S21953	022Cr19Ni5Mo3Si2N	00Cr18Ni5Mo3Si2	SUS329J3L	–	S31803	STS329J3L	1.4462	–	329J3L	329J3L
	S11348	06Crl3Al	0Crl3Al	SUS405	405	S40500	STS405	1.4002	04Cr13	405	405
	S11163	022Cr11Ti	–	SUH409	409	S40900	STS409	1.4512	–	409L	409L
	S11203	022Cr12	00Cr12	SUS410L	–	–	STS410L	–	–	410L	410L
	S11710	10Cr17	1Cr17	SUS430	430	S43000	STS430	1.4016	05Cr17	430	430
	S11790	10Cr17Mo	1Cr17Mo	SUS434	434	S43400	STS434	1.4113	–	434	434
	S11873	022Cr18NbTi	–	–	–	S43940	-	1.4509	–	439	439
	S11972	019Cr19Mo2NbTi	00Cr18Mo2	SUS444	444	S44400	STS444	1.4521	–	444	444
	S40310	12Cr12	1Cr12	SUS403	403	S40300	STS403	–	–	403	444
	S41008	12Cr13	1Cr13	SUS410	410	S41000	STS410	1.4006	12Cr13	410	410
	S42020	20Cr13	2Cr13	SUS420J1	420	S42000	STS420J1	1.4021	20Cr13	420	420J1
	S42030	30Cr13	3Cr13	SUS420J2	–	–	STS420J2	1.4028	30 Cr13	420J2	420J2
	S44070	68Cr17	7Cr17	SUS440A	440A	S44002	STS440A	–	–	440A	440A



ALLOY STEEL SERIES
合金钢系列

ALLOY SHEET –

good decorative effect



FIELD

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：Inconell, Inconoy, Hastelloy, Monel, superalloy, titanium alloy, precipitation hardening alloy, copper-nickel alloy



ALLOY – COIL/STRIP

good decorative effect

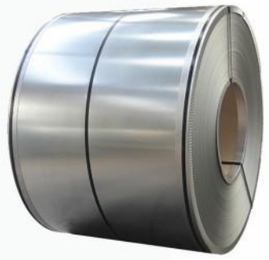


FIELD

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： Inconell, Inconoy, Hastelloy, Monel, superalloy, titanium alloy, precipitation hardening alloy, copper-nickel alloy
- Production process：hot rolling, cold rolling, forging, casting



ALLOY STEEL GRADES 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	Na15	Z8NC32.21	0Cr20Ni32AlTi
				X10NiCrAlTi3220			
Incoloy 800H	NS112	N08810		W.Nr.1.4958	NA 15 (H)		1Cr20Ni32AlTi
				X5 NiCrAlTi 31-20			
Incoloy 800HT		N08811		W.Nr.1.4959			
				X 8 NiCrAlTi 32-21			
Incoloy 825	NS142	N08825	2.4858	W.Nr.2.4858	NA16	NC21FeDu	0Cr21Ni42Mo3Cu2Ti
				NiCr21Mo			
Inconel 600	NS312	N06600	2.4817	W.Nr.2.4816	NA14	NC15FE	1Cr15Ni75Fe8
				NiCrl 5Fe			
Inconel 601	NS313	N06601	2.4851	W.Nr.2.4851		NC23FeA	1Cr23Ni60Fe13Al
				NiCr23Fe			
Inconel 625	NS336	N06625	2.4856	W.Nr.2.4856	NA21	NC 22 DNb	0Cr20Ni65Mo10Nb4
				NiCr22Mo9Nb			
Inconel 690	NS315		2.4642				0Cr30Ni60Fe10
Inconel 718	GH4169	N07718		W.Nr.2.4668	NA 51	NC19FeNb	
				NiCr19Fe19Nb5Mo3			
Incoloy 926		N08926		W.Nr.1.4529	X1NiCrMoCu	X1NiCrMoCu	
				X1NiCrMoCu			
Inconel X-750	GH4145	N07750		W.Nr.2.4669		NC15TNbA	
				NiCr15Fe7TiAl			
Monel 400		N04400		W.Nr.2.4360	NA 12	Nu 30	
				NiCu30Fe			
Hastelloy B	NS321	N10001					0Ni65Mo28Fe5V
Hastelloy B-2	NS322	N10665	2.4617	W.Nr.2.4617		NiMo28	00Ni70Mo28
				NiMo28			

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		2.461				00Cr16Ni65Mo16Ti
Hastelloy C-22		N06022		W.Nr.2.4602			
Hastelloy C276	NS334	N10276	2.4819	W.Nr.2.4819	NC17D		00Cr15Ni60Mo16W5Fe5
				NiMo16Cr15W			
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	X1NiCrMoCu	Fe-Ni36	
				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。



CARBON STEEL SERIES

碳钢系列

CARBON STEEL SHEET –



FIELD

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

PARAMETER

- Thickness: 0.2-200mm
- Length: 2.2m-12mm
- Width: 500mm-2000mm,or customized
- Material: A36，DC01, 1045，Gr50, D2, 1066
- Type: Structural Steel, High Quality Carbon Steel, High Strength Steel, Mold Steel, Tool Steel, Spring Steel



CARBON STEEL – COIL/STRIP

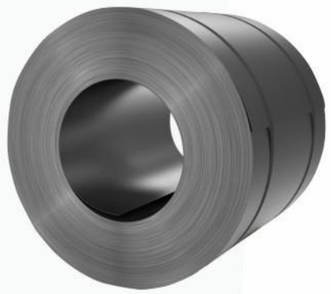


FIELD

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

PARAMETER

- Tolerance: ±3%
- Length: 1000-12000mm
- Width: 30-4000mm,or customized
- Type: Steel Coil, Steel Plate
- Standard: SAE, ASTM, JIS, DIN, ISO, GB
- Material garade: A36，DC01, 1045，Gr50, D2, 1066
- Type: Structural Steel, High Quality Carbon Steel, High Strength Steel, Mold Steel, Tool Steel, Spring Steel



CARBON STEEL PIPE –



ADVANTAGE

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

PARAMETER

- Standard: SAE, ASTM, JIS, DIN, ISO,GB
- Length: 12M, 6m, 6.4M,as required
- type: tube/pipe
- Packing: Standard Seaworthy Packing
- Outer Diameter: 1/4 inch ~ 48 inches
- Wall thickness: Sch5 ~Sch XXS
- Genre: Seamless, Welding
- Type: Structural Steel, High Quality Carbon Steel, High Strength Steel, Mold Steel, Tool Steel, Spring Steel



CARBON STEEL – BAR



ADVANTAGE

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

PARAMETER

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



CARBON STEEL CHANNEL



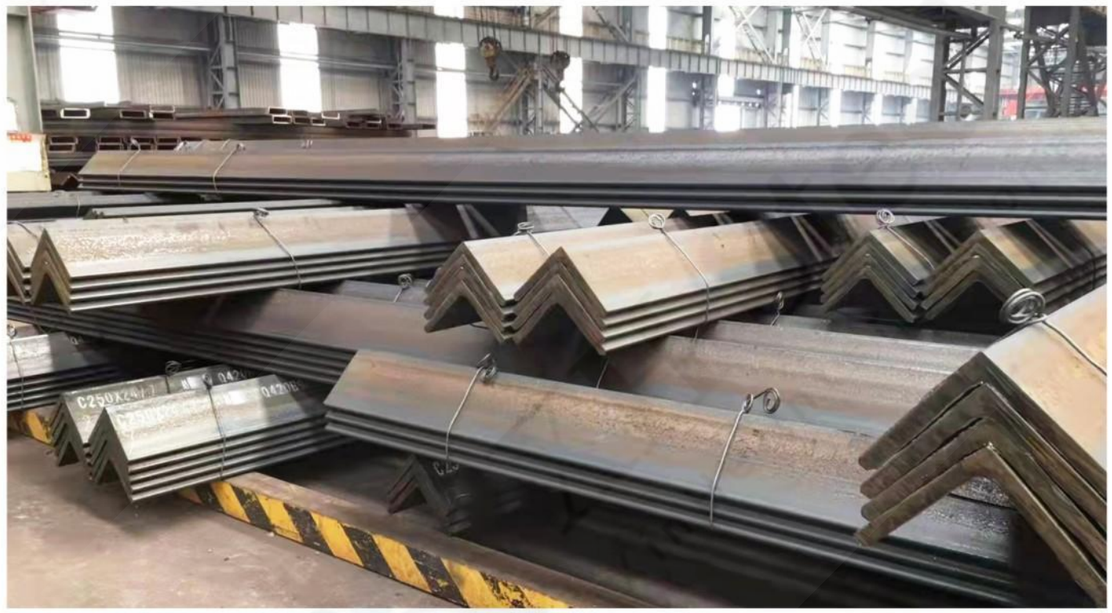
APPLICATION

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: 40mm-300mm
- 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

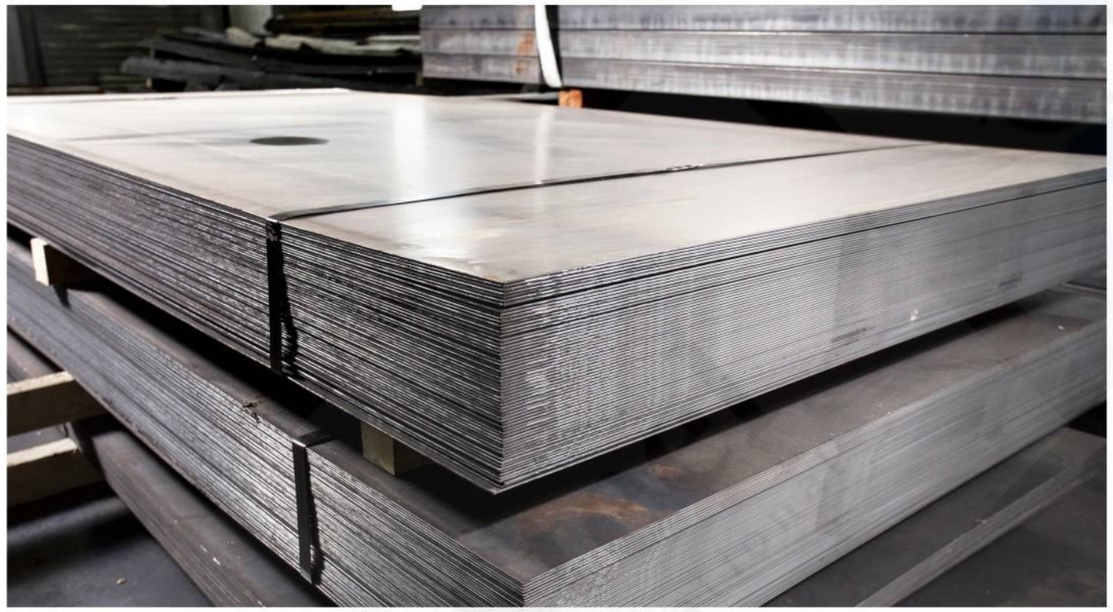
Suitable for automobile,building,shipping,etc

PARAMETER

- Standard: AiSi, JIS, AISI, ASTM, GB, DIN, EN, etc.
- Flange Thickness: 8-36mm
- Web Thickness: 5-20mm
- Tolerance: ±5%
- Alloy Or Not: Non-Alloy


TOSHIBA

WEAR STEEL PLATE



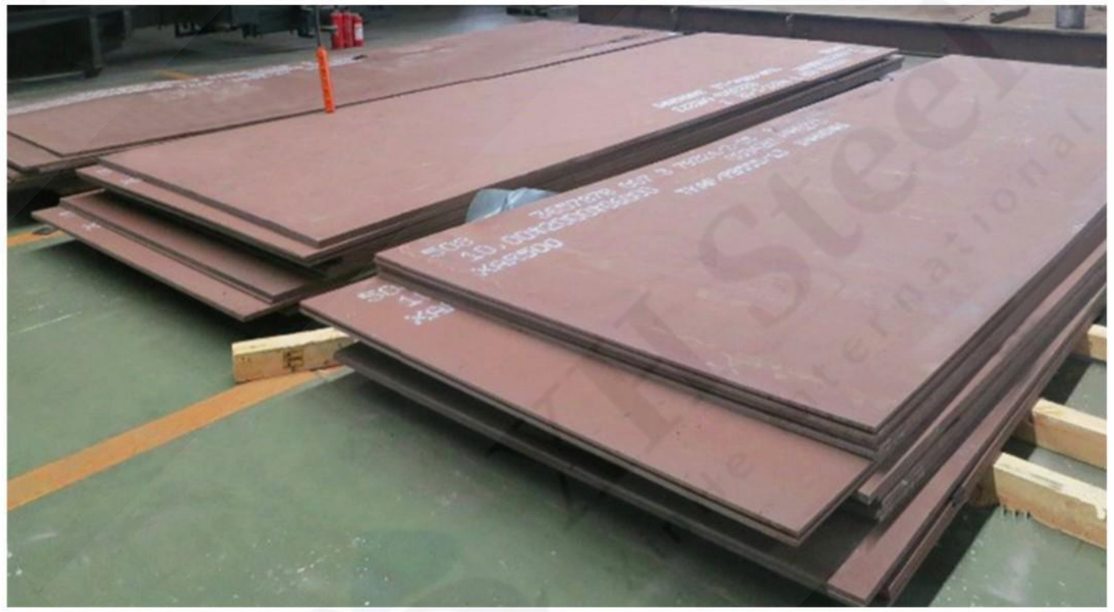
FIELD

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

PARAMETER

- Thickness: >3mm
- Length: 2440mm-6000mm
- Width: As customer request
- Stand: ardJIS, AISI, ASTM, GB, DIN, EN
- Grade: NM360, NM400, NM450, NM500,NM550, NM600

HARDOX STEEL PLATE



FIELD

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

PARAMETER

- Thickness: >3mm
- Length: 2440mm-6000mm
- Width: As customer request
- Stand: ardJIS, AISI, ASTM, GB, DIN, EN
- Grade: Hardox 400, hardox 450, hardox500, hardox550, hardox600



GALVANIZE STEEL SERIES
镀锌钢系列

GALVANIZED SHEET –

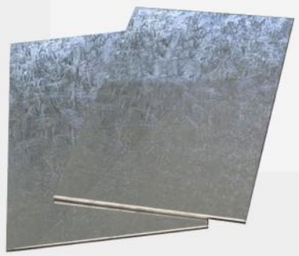


FIELD

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

PARAMETER

- Thickness: 0.21–0.50mm
- Length: 1000–6000mm
- Width: 1001–1250mm,or customized
- Package: Standard Ocean Freight Package



GALVANIZED – COIL/STRIP



FIELD

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

PARAMETER

- Tolerance: ±5%
- Length: customized
- Width: 20–1250mm,or customized
- Type: Gi Galvanized Steel Coil

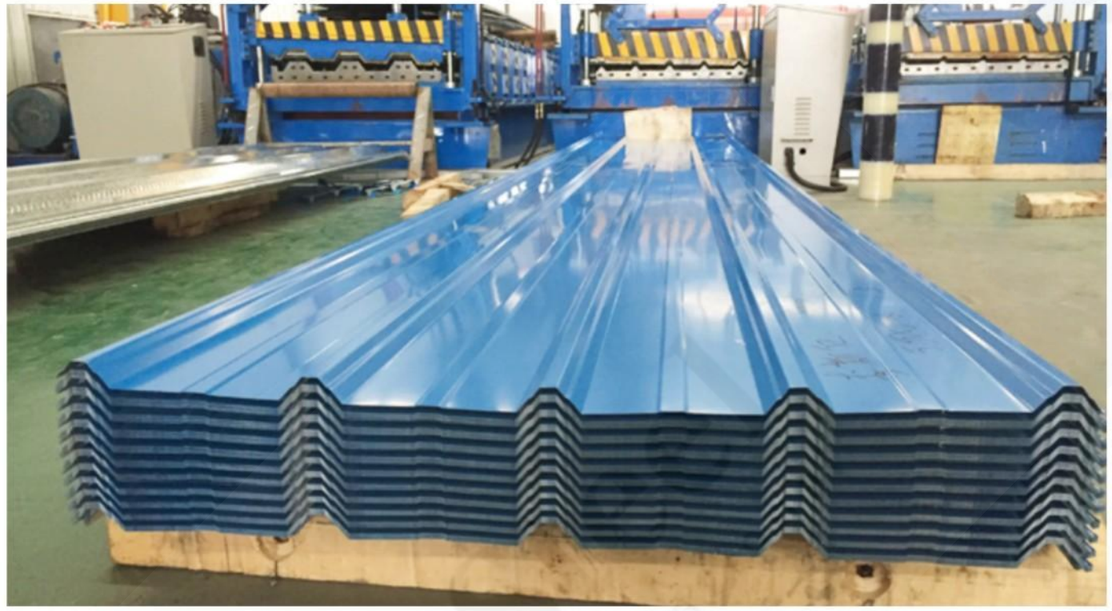




PPG1 STEEL SERIES
PPG1钢系列

PPGI SHEET –

Durable and easy to repair

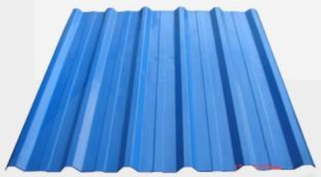


FIELD

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

PARAMETER

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



PPGI – COIL/STRIP

Durable and easy to repair



FIELD

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

PARAMETER

- Thickness: 0.12-1.0mm
- Length: As required
- Width: 700-1500mm,or customized
- Color : RAL K7 Classic color chart or according to customer's sample color





ALUMINUM SERIES
铝系列

ALUMINUM 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
· Length：Customers Requested
· type：tube/pipe
· Thickness：As you require
· Alloy Or Not：Is Alloy



ALUMINUM– 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：AIST
· Hardness：60–150
· Grade：1000series–7000 series
· Technique：Cold Drawn
· Shape：Round





TABLE 1 Chemical Composition Limits[A,B,C]

Alloy	Silicon	Iron	Copper	Manganese	Magnesium	Chromium	Zinc	Titanium	Other Elements[D] Each	Other Elements[D] Total[E]	Aluminum
1060	0.25	0.35	0.05	0.03	0.03	...	0.05	0.03	0.03[F]	...	99.60 min[G]
1100	0.95 Si + Fe		0.05–0.20	0.05	...	...	0.10	...	0.05	0.15	99.00 min[G]
1230[H]	0.70 Si + Fe		0.10	0.05	0.05	...	0.10	0.03	0.03[F]	...	99.30 min[G]
2014	0.50–1.2	0.7	3.9–5.0	0.40–1.2	0.20–0.8	0.10	0.25	0.15	0.05	0.15	remainder
Alclad 2014						2014 clad with 6003					
2024	0.50	0.50	3.8–4.9	0.30–0.9	1.2–1.8	0.10	0.25	0.15	0.05	0.15	remainder
Alclad 2024						2024 clad with 1230					
2124	0.20	0.30	3.8–4.9	0.30–0.9	1.2–1.8	0.10	0.25	0.15	0.05	0.15	remainder
2219	0.20	0.30	5.8–6.8	0.20–0.40	0.02	...	0.10	0.02–0.10	0.05[I]	0.15[I]	remainder
Alclad 2219						2219 clad with 7072					
3003	0.6	0.7	0.05–0.20	1.0–1.5	...	...	0.10	...	0.05	0.15	remainder
Alclad 3003						3003 clad with 7072					
3004	0.30	0.7	0.25	1.0–1.5	0.8–1.3	...	0.25	...	0.05	0.15	remainder
Alclad 3004						3004 clad with 7072					
3005	0.6	0.7	0.30	1.0–1.5	0.20–0.6	0.10	0.25	0.10	0.05	0.15	remainder
3105	0.6	0.7	0.30	0.30–0.8	0.20–0.8	0.20	0.40	0.10	0.05	0.15	remainder
5005	0.30	0.7	0.20	0.20	0.50–1.1	0.10	0.25	...	0.05	0.15	remainder
5010	0.40	0.7	0.25	0.10–0.30	0.20–0.6	0.15	0.30	0.10	0.05	0.15	remainder
5050	0.40	0.7	0.20	0.10	1.1–1.8	0.10	0.25	...	0.05	0.15	remainder
5052	0.25	0.40	0.10	0.10	2.2–2.8	0.15–0.35	0.10	...	0.05	0.15	remainder
5083	0.40	0.40	0.10	0.40–1.0	4.0–4.9	0.05–0.25	0.25	0.15	0.05	0.15	remainder
5086	0.40	0.50	0.10	0.20–0.7	3.5–4.5	0.05–0.25	0.25	0.15	0.05	0.15	remainder
5154	0.25	0.40	0.10	0.10	3.1–3.9	0.15–0.35	0.20	0.20	0.05	0.15	remainder
5252	0.08	0.10	0.10	0.10	2.2–2.8	...	0.05	...	0.03[K]	0.10[K]	remainder
5254	0.45 Si + Fe		0.05	0.01	3.1–3.9	0.15–0.35	0.20	0.05	0.05	0.15	remainder
5454	0.25	0.40	0.10	0.50–1.0	2.4–3.0	0.05–0.20	0.25	0.20	0.05	0.15	remainder
5456	0.25	0.40	0.10	0.50–1.0	4.7–5.5	0.05–0.20	0.25	0.20	0.05	0.15	remainder
5457	0.08	0.10	0.20	0.15–0.45	0.8–1.2	...	0.05	...	0.03[K]	0.10[K]	remainder
5652	0.40 Si + Fe		0.04	0.01	2.2–2.8	0.15–0.35	0.10	...	0.05	0.15	remainder
5657	0.08	0.10	0.10	0.03	0.6–1.0	...	0.05	...	0.02[J]	0.05[J]	remainder
6003[H]	0.35–1.0	0.6	0.10	0.8	0.8–1.5	0.35	0.20	0.10	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
Alclad 6061						6061 clad with 7072					
7008[H]	0.10	0.10	0.05	0.05	0.7–1.4	0.12–0.25	4.5–5.5	0.05	0.05	0.10	remainder
7011[H]	0.15	0.20	0.05	0.10–0.30	1.0–1.6	0.05–0.20	4.0–5.5	0.05	0.05	0.15	remainder
7072[H]	0.7 Si + Fe		0.10	0.10	0.10	...	0.8–1.3	...	0.05	0.15	remainder
7075	0.40	0.50	1.2–2.0	0.30	2.1–2.9	0.18–0.28	5.1–6.1	0.20	0.05	0.15	remainder
Alclad 7075						7075 clad with 7072					
7008 Alclad 7075						7075 clad with 7008					
7011 Alclad 7075						7075 clad with 7011					
7178	0.40	0.50	1.6–2.4	0.30	2.4–3.1	0.18–0.28	6.3–7.3	0.20	0.05	0.15	remainder
Alclad 7178						7178 clad with 7072					

[A] Limits are in weight percent maximum unless shown as a range or stated otherwise.

[B] Analysis shall be made for the elements for which limits are shown in this table.

[C] For purposes of determining conformance to these limits, an observed value or a calculated value attained from analysis shall be rounded to the nearest unit in the last righthand place of figures used in expressing the specified limit, in accordance with the rounding-off method of Practice E 29.

[D] *Others* includes listed elements for which no specific limit is shown as well as unlisted metallic elements. The producer may analyze samples for trace elements not specified in the specification. However, such analysis is not required and may not cover all metallic *Others* elements. Should any analysis by the producer or the purchaser establish that an *Others* element exceeds the limit of *Each* or that the aggregate of several *Others* elements exceeds the limit of *Total*, the material shall be considered nonconforming.

[E] *Other Elements*—Total shall be the sum of unspecified metallic elements 0.010 % or more, rounded to the second decimal before determining the sum.

[F] Vanadium 0.05 max. The total for other elements does not include vanadium.

[G] The aluminum content shall be calculated by subtracting from 100.00 % the sum of all metallic elements present in amounts of 0.010 % or more each, rounded to the second decimal before determining the sum.

[H] Composition of cladding alloy as applied during the course of manufacture. Samples from finished sheet or plate shall not be required to conform to these limits.

[I] Vanadium 0.05–0.15, zirconium 0.10–0.25. The total for other elements does not include vanadium and zirconium.

[J] Gallium 0.03 max, vanadium 0.05 max. The total for other elements does not include vanadium or gallium.



COPPER SERIES
铜系列

COPPER SHEET –

high compressive strength

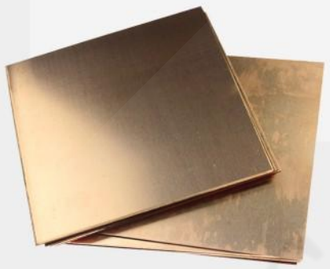


FIELD

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: Hard
· Color: RAL Colors



COPPER – COIL/STRIP

high compressive strength



FIELD

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

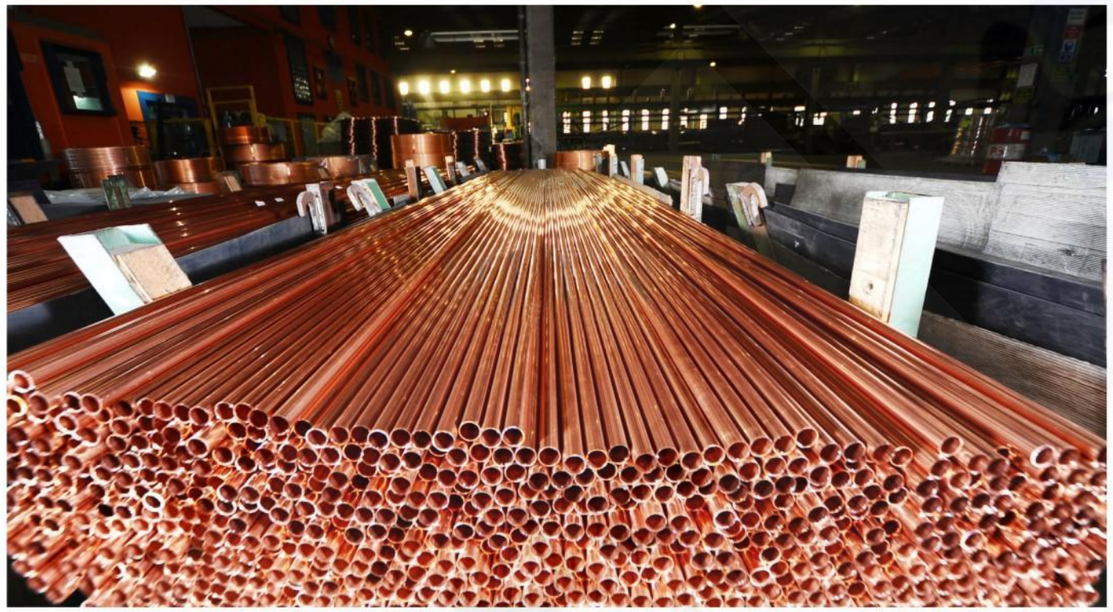
PARAMETER

· Material: Red Copper
· Standard: JIS ASTM DIN EN ISO
· Width: 3mm–1220mm,or customized
· Type: coil



COPPER 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: be required
- type: Copper Pipe
- Wall Thickness: 0.1-200mm
- Grade: C10100,C10200, C11000,C12000,etc.



COPPER– 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 cooper
- Size: 0D:5mm-80m or customized
  Length:1-6m or customized
- Shape: Round

