

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



产品综合目录
PRODUCT BROCHURE

中国钢铁行业领先者
AIM STEEL INTERNATIONAL



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 as required



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, 1219 or as your request
- Color: Mill Color
- Packing: Standard Sea-worthy Packing



STAINLESS STEEL PIPE –



ADVANTAGE

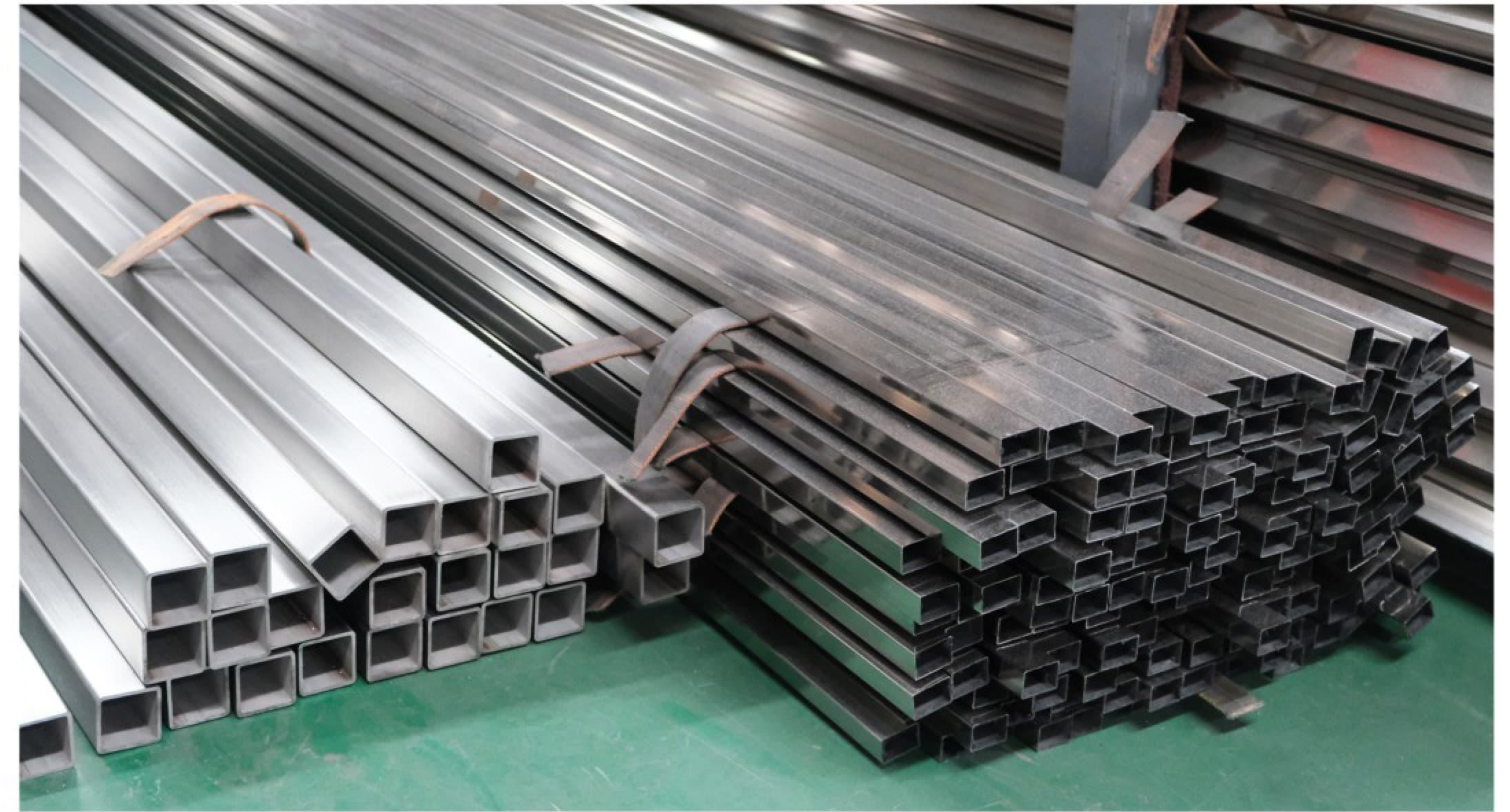
Fire and heat resistant to maintain strength at high temperatures

PARAMETER

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



STAINLESS STEEL SQUARE TUBE



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

- 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



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: $\pm 1\%$
- Technique: Cold Rolled Hot Rolled



STAINLESS STEEL -FLAT BAR

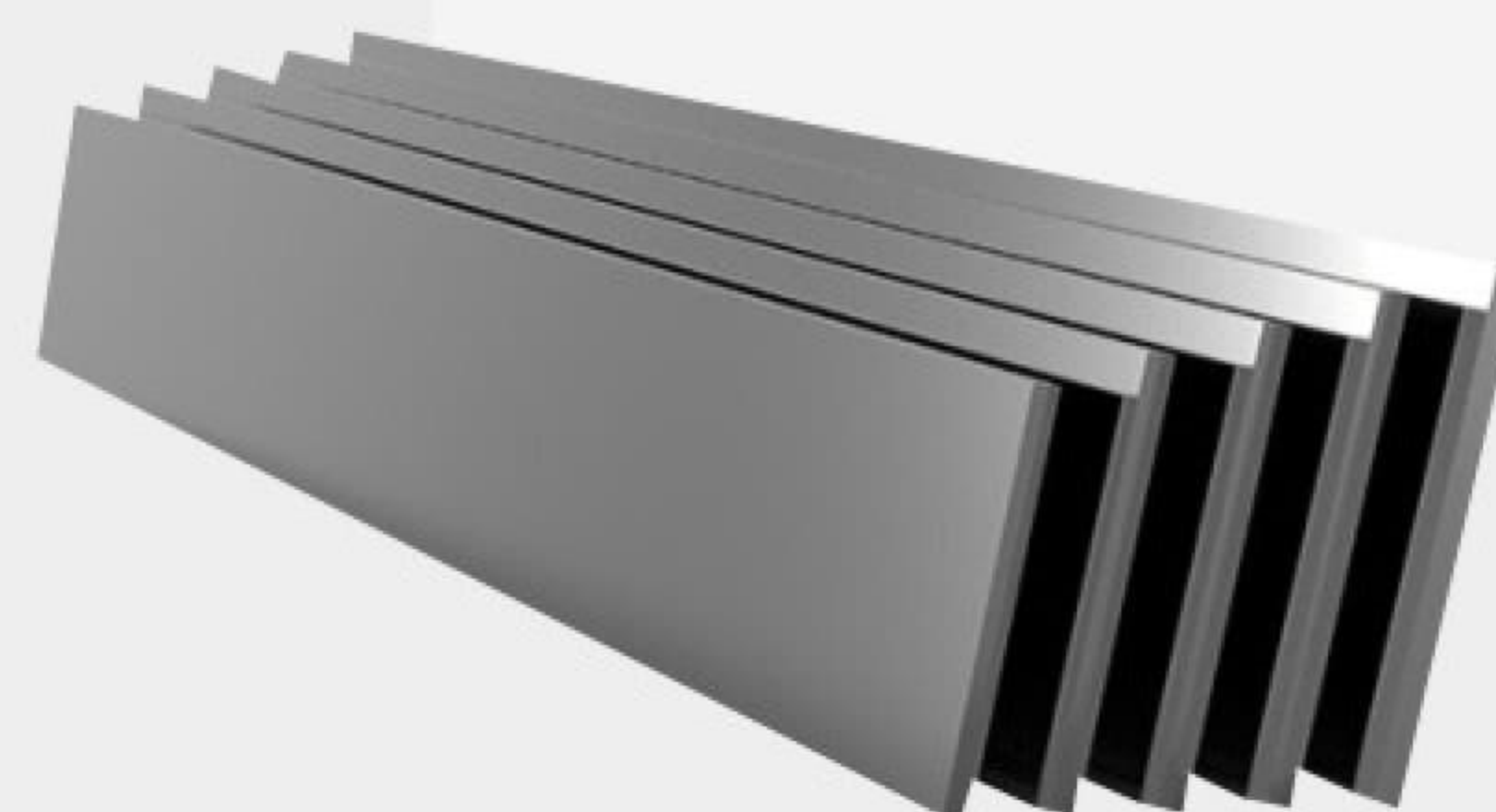


ADVANTAGE

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



STAINLESS STEEL -SQUARE BAR



ADVANTAGE

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

PARAMETER

- Certificate: ISO9001, CE or EN3.1, EN 3.2 etc.
- Size: According to customer needs
- Standard: AISI, ASTM, GB, BS, EN, JIS, DIN
- Advantages: Strong corrosion and decorative effect



STAINLESS STEEL -HEXAGONAL BAR

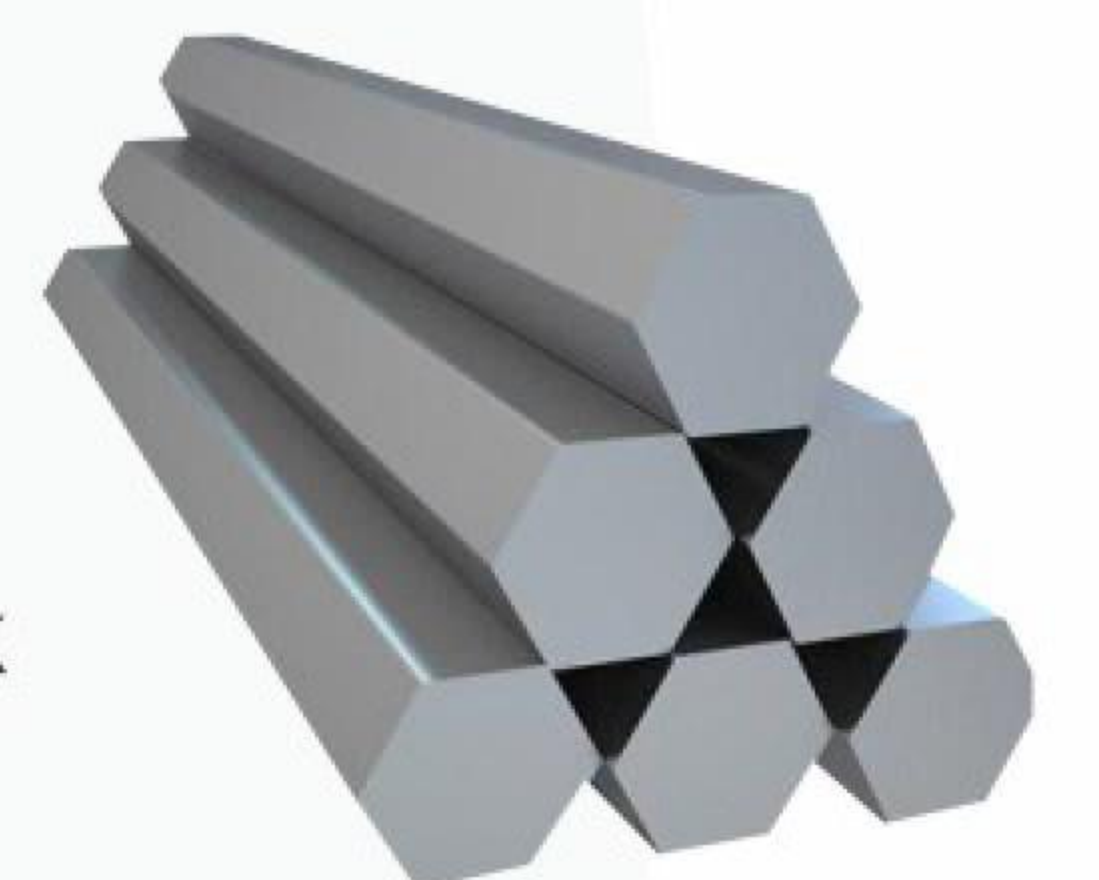


ADVANTAGE

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: 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



STAINLESS STEEL H-BEAM



FIELD

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

PARAMETER

- Thickness: 20-1000mm
- Length: 1-12m
- Side length: 0.2-30mm, or customized
- Standard: AISI,ASTM,GB,DIN,BS,JIS



STAINLESS STEEL U-CHANNEL



FIELD

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

PARAMETER

- Thickness: 20-1000mm
- Length: 1-12m
- Side length: 0.2-30mm, or customized
- Standard: AISI,ASTM,GB,DIN,BS,JIS



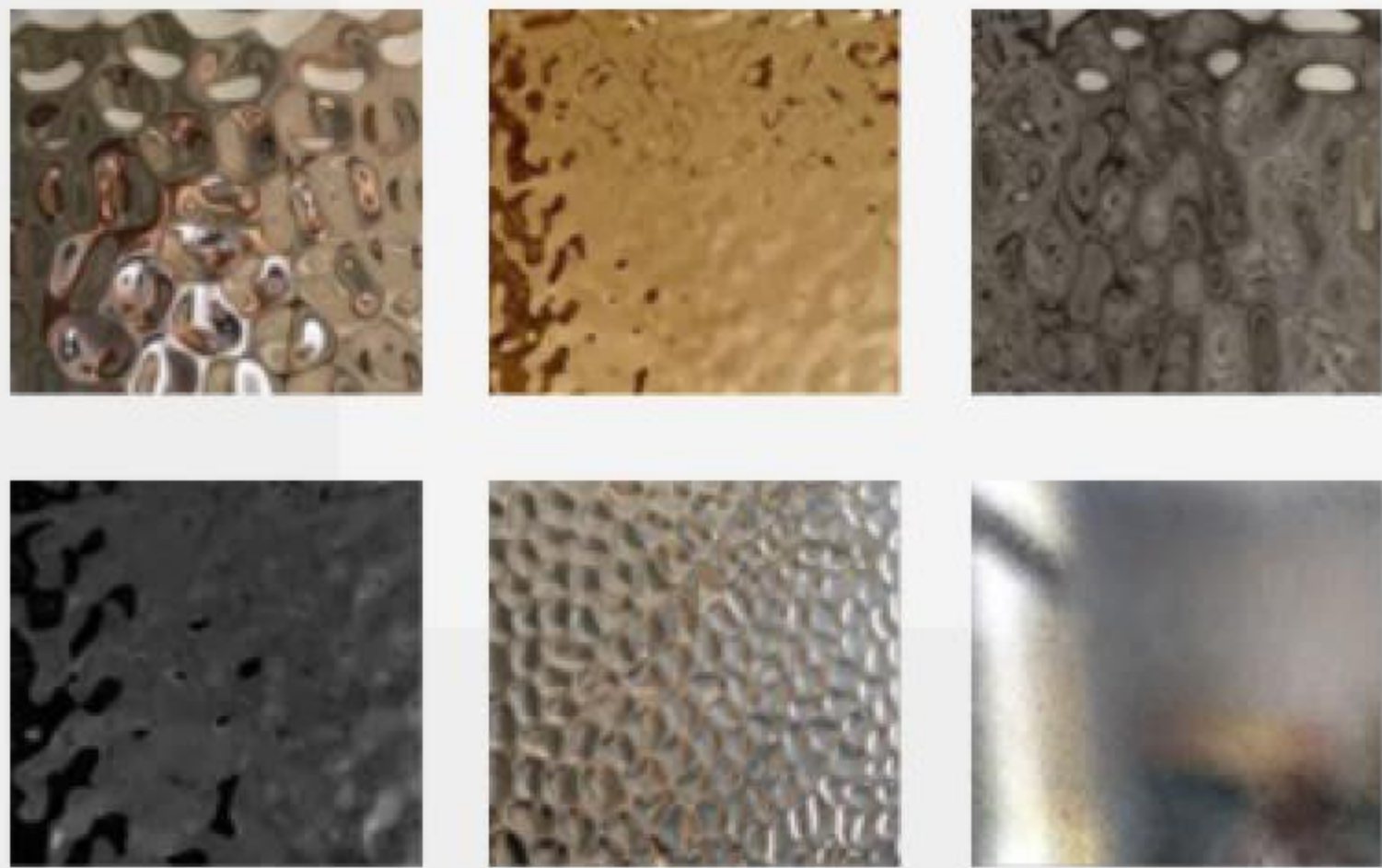
WATER WAVE STAINLESS STEEL SHEET



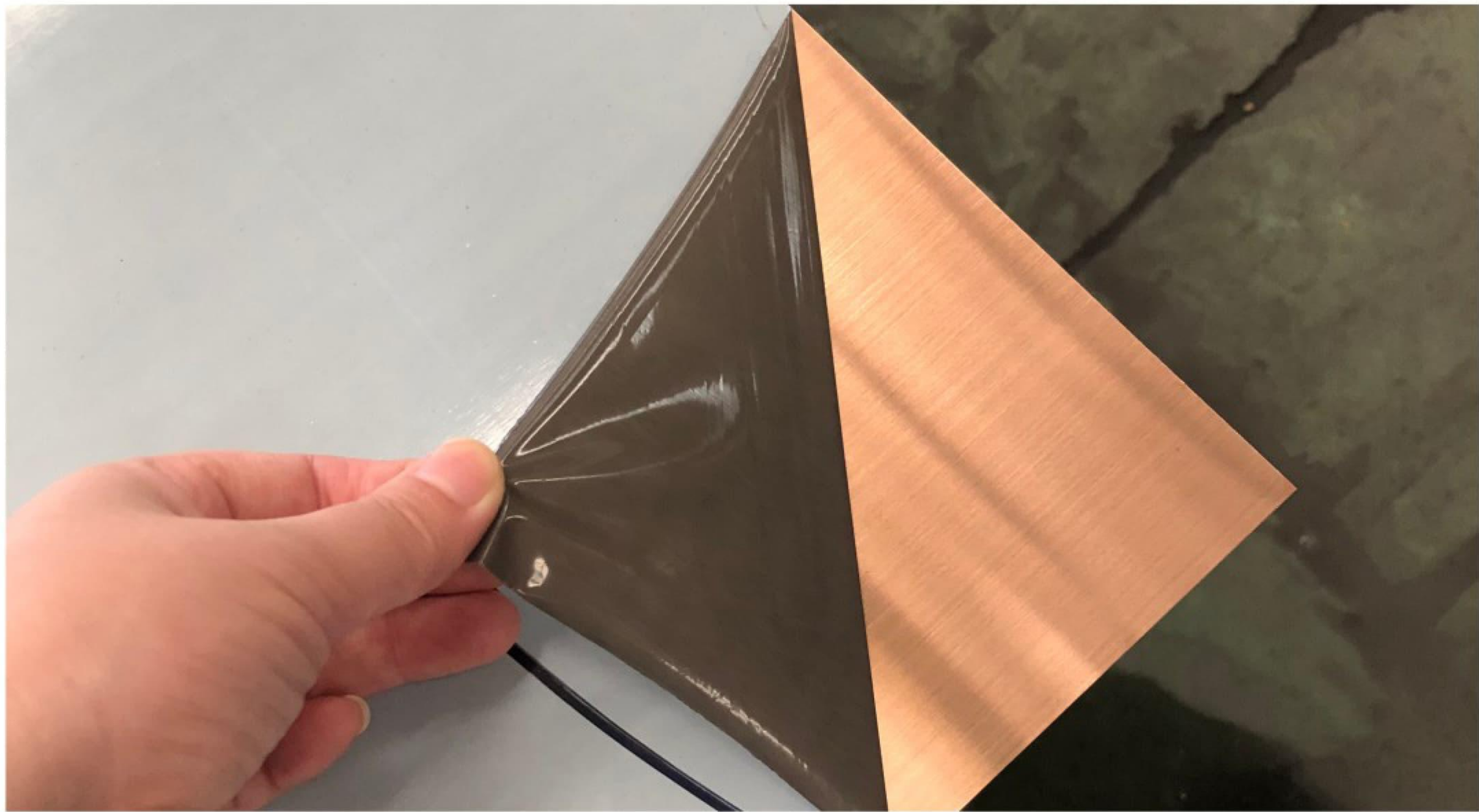
FIELD

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.

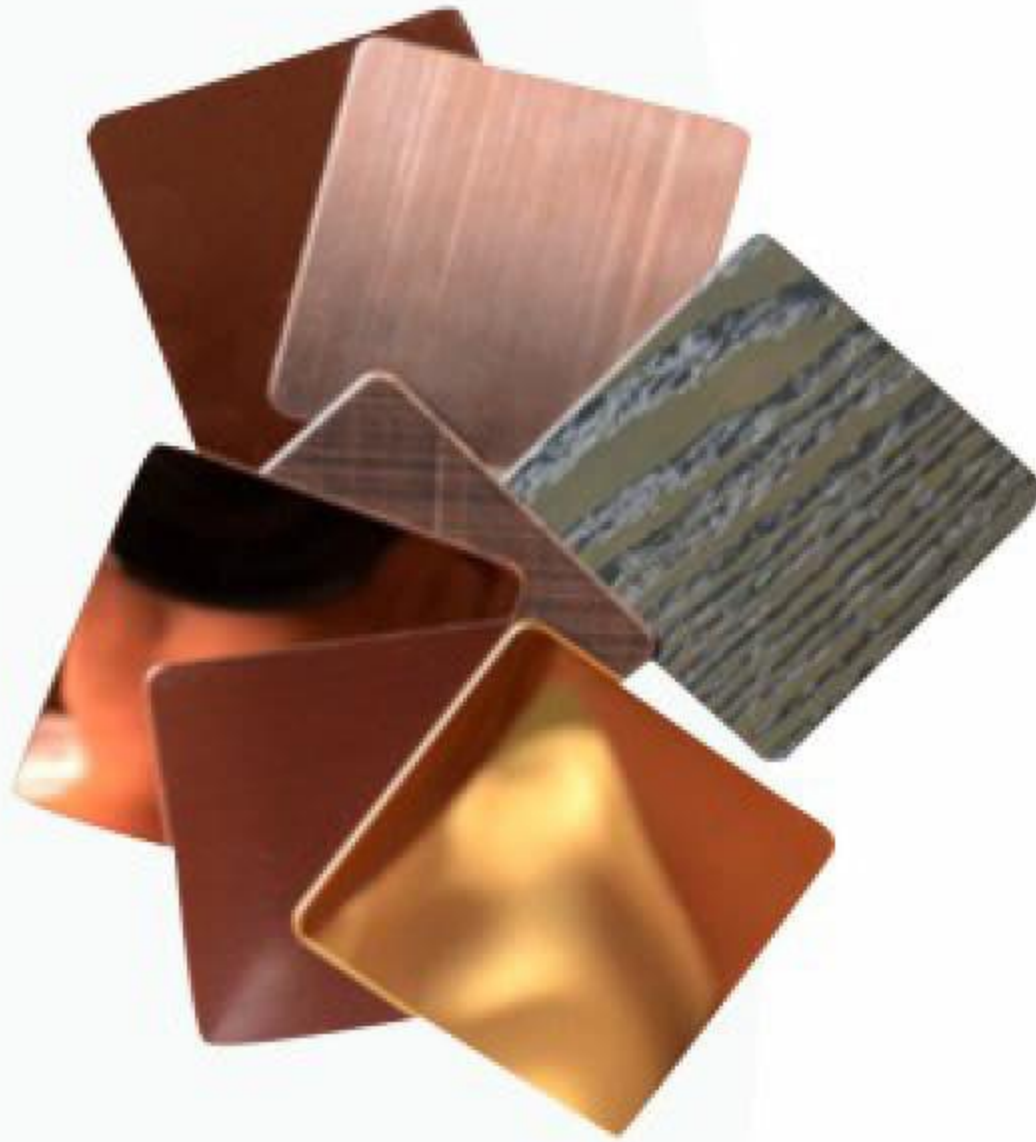


COLOR STAINLESS STEEL PLATE



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: ≤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	



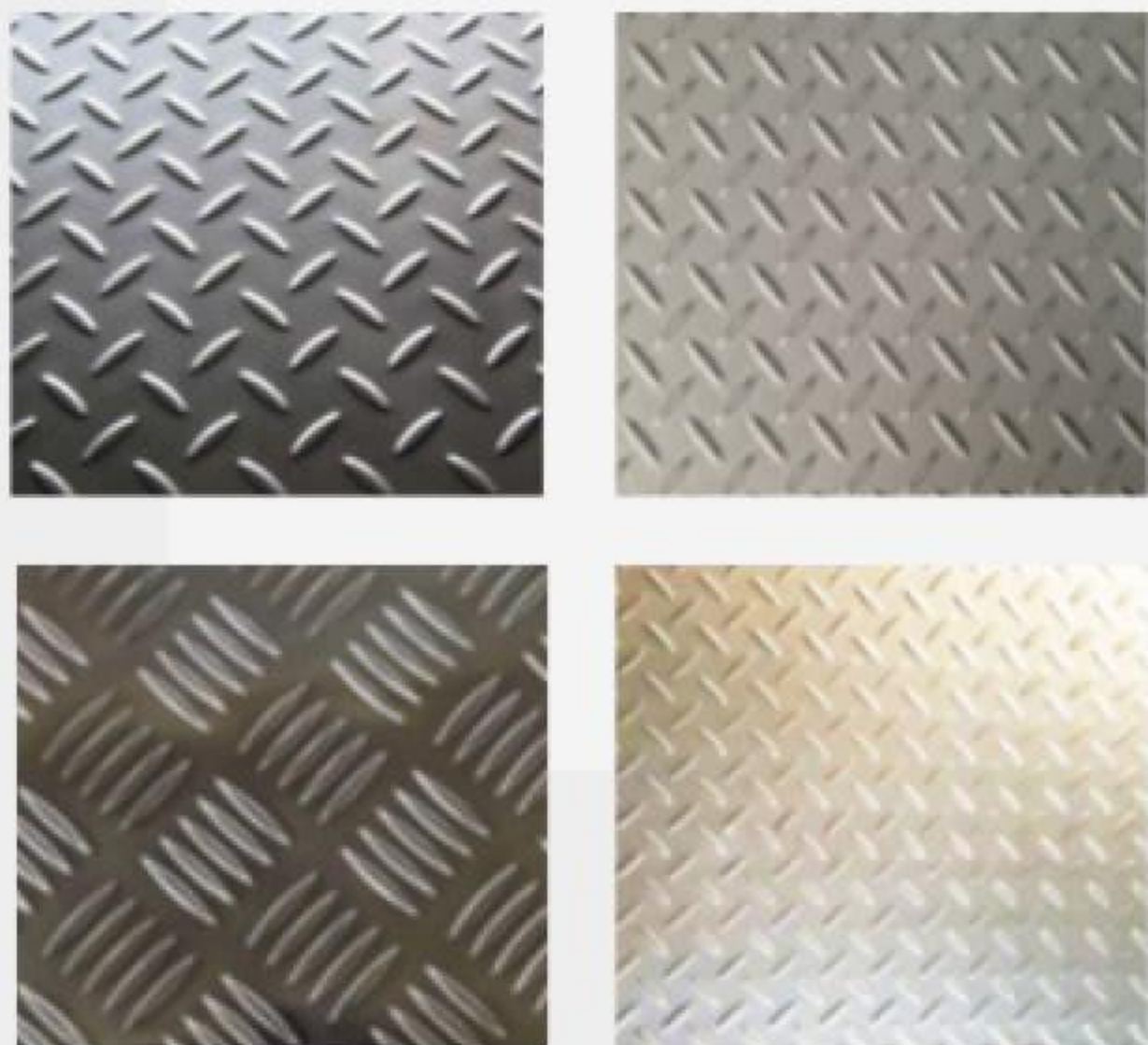
EMBOSSED STAINLESS STEEL SHEET



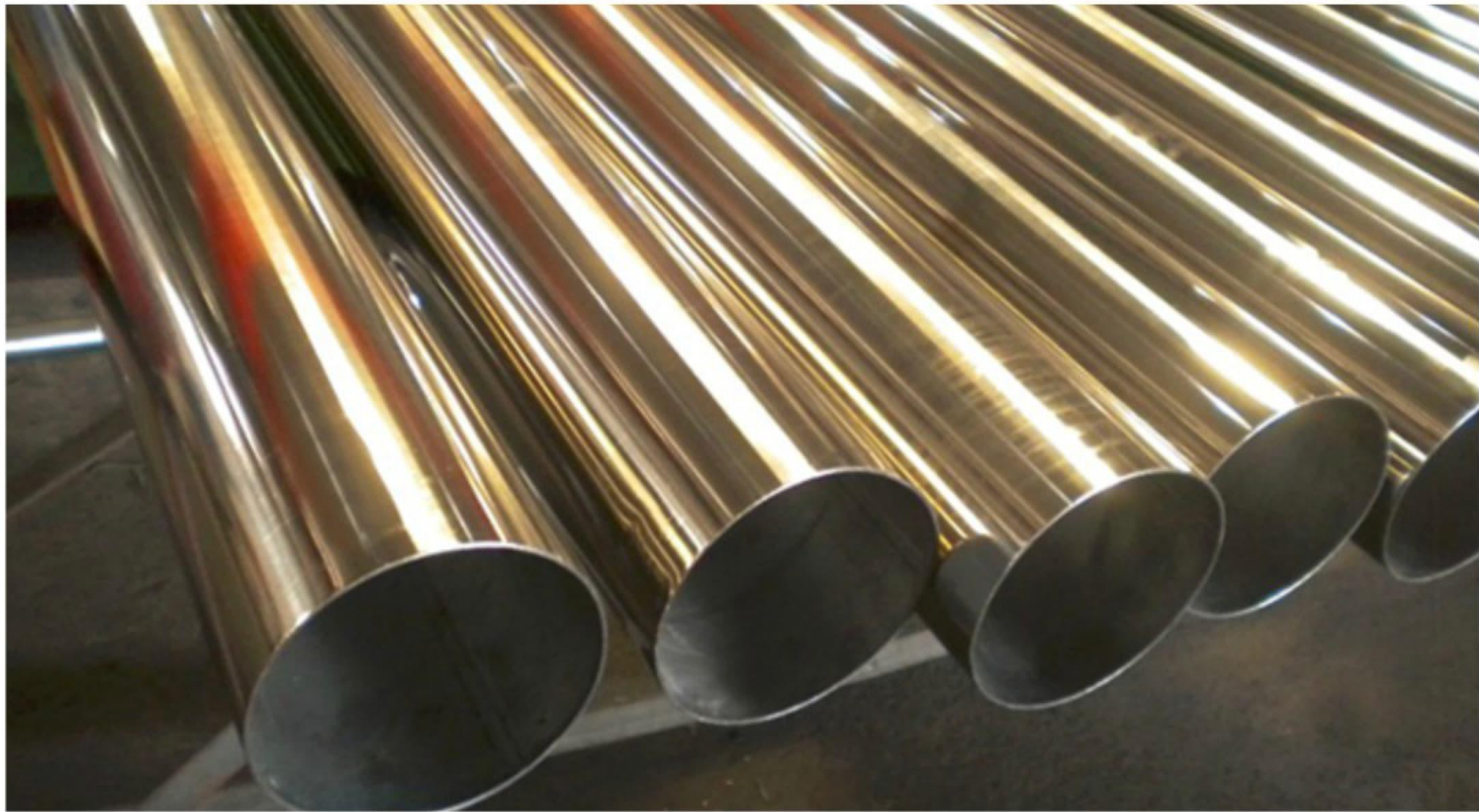
FIELD

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.



COLOR STAINLESS STEEL TUBE



PARAMETER

Name	Decorative Stainless Steel Color Pipe
Material	201,304,316,430,etc
Tolerance	Outer diameter: ± 0.2mm 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.



STAINLESS STEEL GRADE
COMPARISON TABLE



不锈钢牌号对照表

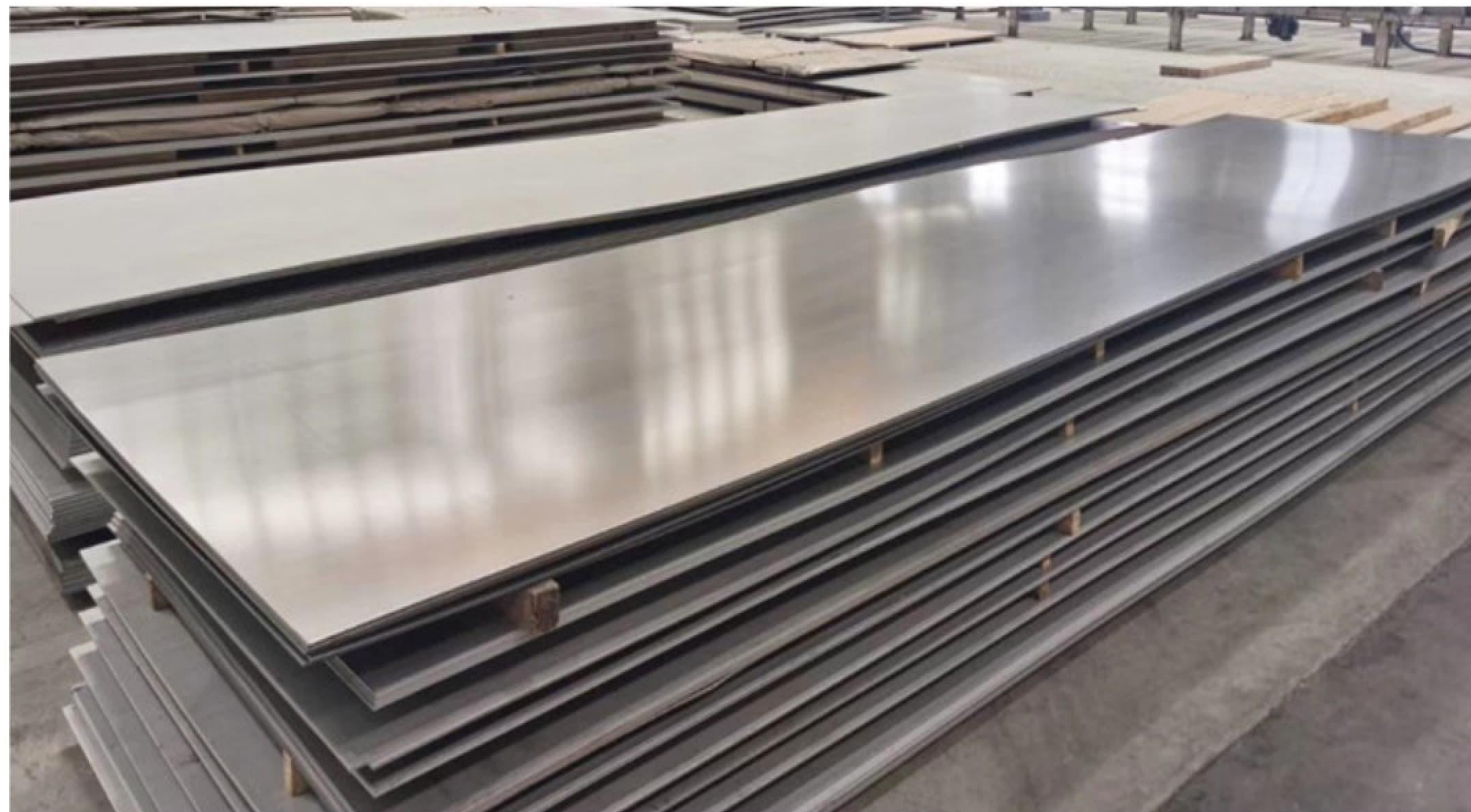
序号	中国 GB			日本 JIS	美国		韩国 KS	欧盟 BSEN	印度 IS	澳大利 亚AS	中国 台湾 CNS
	统一 数字代码	新牌号	旧牌号		ASTM	UNS					
奥氏体不锈钢											
1	S35350	12Cr17Mn6Ni5N	1Cr17Mn6Ni5N	SUS201	201	S20100	STS201	1.4372	10Cr17Mn 6Ni4N20	201-2	201
2	S35450	12Cr18Mn9Ni5N	1Cr18Mn8Ni5N	SUS202	202	S20200	STS202	1.4373	-	-	202
3	S30110	12Cr17Ni7	1Cr17Ni7	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

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	06Cr13Al	0Cr13Al	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 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: $\pm 1\%$
- Alloy type: Inconell, Inconoy, Hastelloy, Monel, superalloy, titanium alloy, precipitation hardening alloy, copper–nickel alloy



ALLOY – COIL/STRIP

good decorative effect

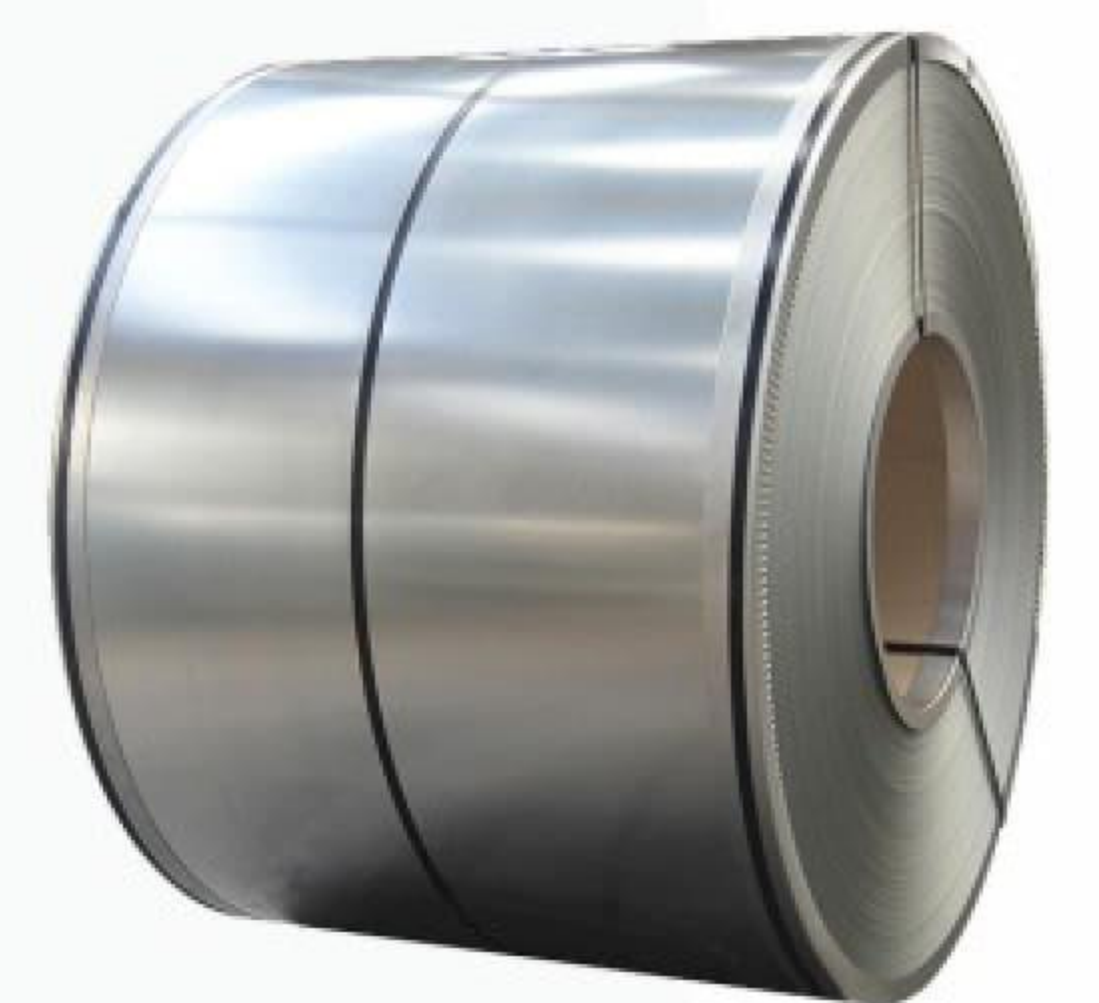


FIELD

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 PIPE –

good decorative effect



ADVANTAGE

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

PARAMETER

- Length: 3 meter
- Tolerance: $\pm 1\%$
- Pipe Diameter: 1/4" ~ 48"
- Wall thickness: SCH 5 ~ SCH XXS
- Hardness: Standard
- Alloy type: Inconell, Inconoy, Hastelloy, Monel, superalloy, titanium alloy, precipitation hardening alloy, copper-nickel alloy
- Production process: hot rolling, extrusion, cold drawing, casting, forging



ALLOY – BAR

good decorative effect



ADVANTAGE

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

PARAMETER

- Alloy type: Inconell, Inconoy, 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



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 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 NiCr1 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 690	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		2.461				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。