



# JINLING STEEL

Stainless steel supplier

Your dreams, projected by us.



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# Ready?

Let's explore JINLING's stainless steel world.

# JINLING STEEL

*Your dreams,projected by us.*

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# ABOUT JINLING

## Your supplier of chances

### **We have walked through a long way.**

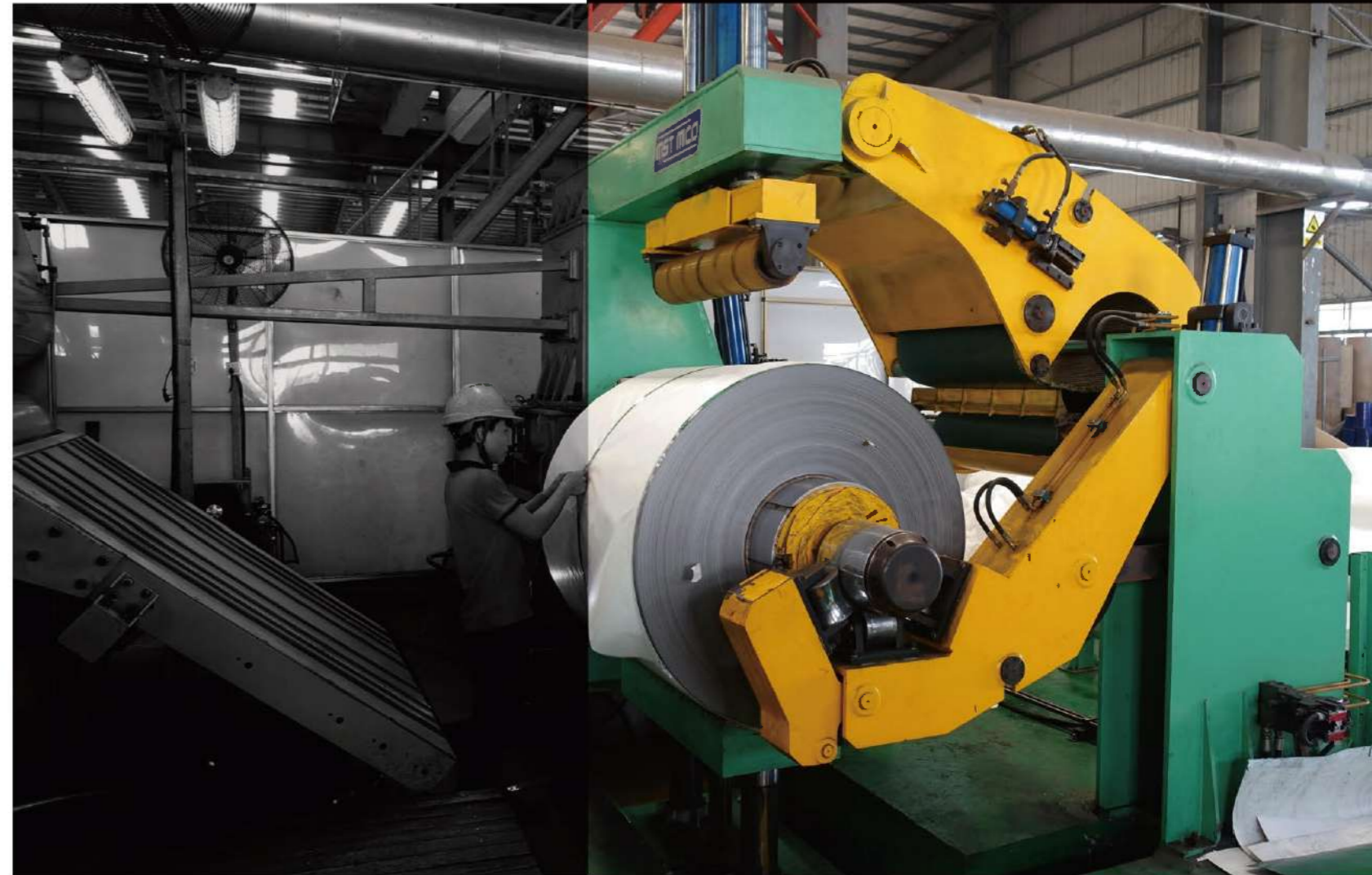
Founded in 1997, Jinling Steel started the journey of being a leading and reliable stainless steel supplier to our clients. For over 20 years, we are dedicating to produce high quality stainless steel sheets, coils, pipes and other long products. To meet the growing demands of our customers, Jinling Steel also improves the capabilities and make breakthroughs in providing superior building materials for domestic and abroad construction projects.

### **We value people.**

What we value most, is people, not only people who buy from us but also people who work with us. We understand that the success of a project, or a company, is generated by people. We build a relationship that is of mutual respect, trust, equality, and freedom with our employees. It is our essence in our company culture that we make our work with an environment happy, united, effective, and fulfilling.

### **We enjoy challenges.**

As Jinling Steel expands to more businesses amid the outrage changing times, we try to improve ourselves in a new way, including establishing more accesses to reach our clients and stepping into new areas.



**Your dreams, projected by us.**

# ABOUT STAINLESS STEEL

## A material that remains for life

### Corrosion resistance

One of the fanciest properties of stainless steel is the resistance to corrosion. Choosing the right material for according to your using conditions can optimize your solutions and maximize your products' lifespan. It is very crucial for us, if you can tell our experts about your demands.

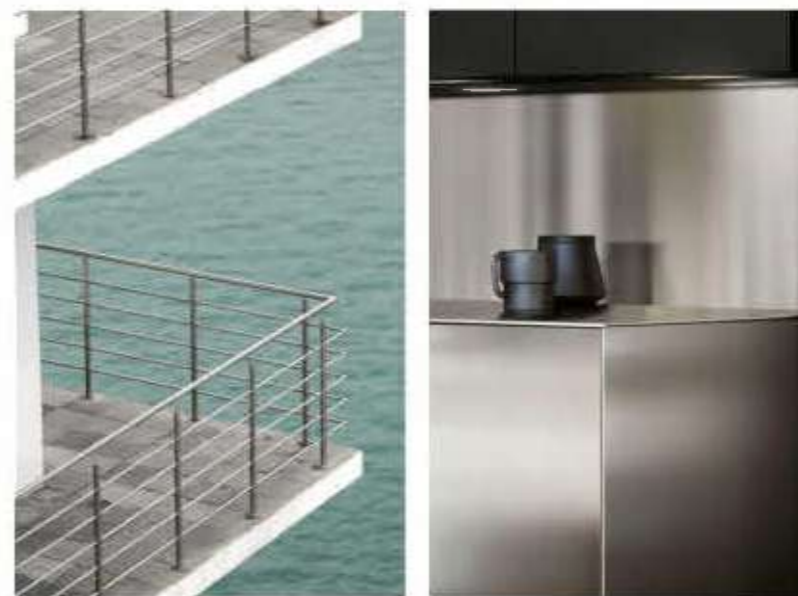
### Safety

Stainless steel is safe for its stable chemical properties so that it is widely used in food industry, including beverage container, cooker, sink, basin...

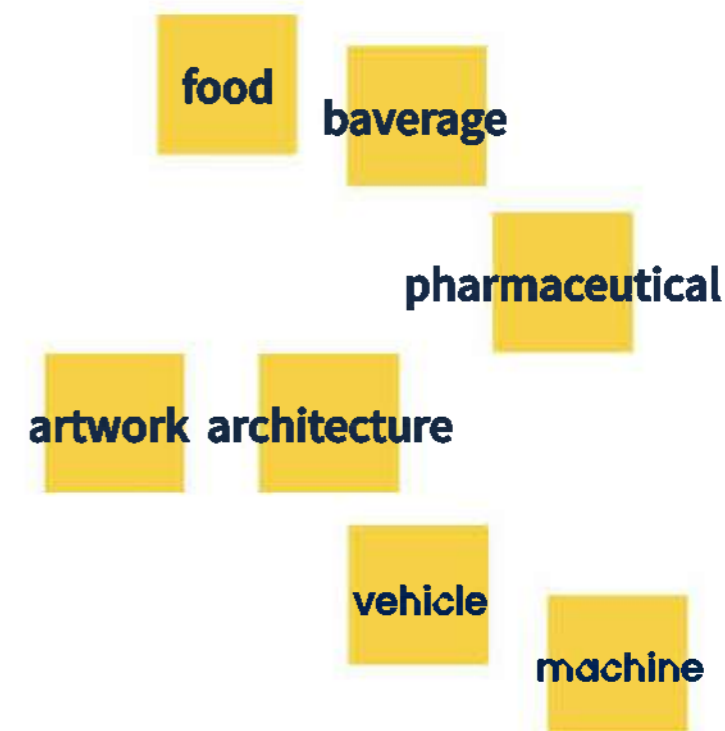


### Sustainability

It is even more important that stainless steel is 100% recyclable. To some extents, it is a way we choose to join the circle to promote stainless steel and accelerate the circularity. Stainless steel can also help you to build an extraordinary visionary art for its modern outlook and flexible form. The aesthetic function of stainless steel is never a less prominent feature either appearing as a purely artwork or as a construction façade and interior design.



## Stainless steel is almost everywhere



Jinling Steel stocks the most common and widely-accepted grades of stainless steel for your project.

# ABOUT

## Film Treatment

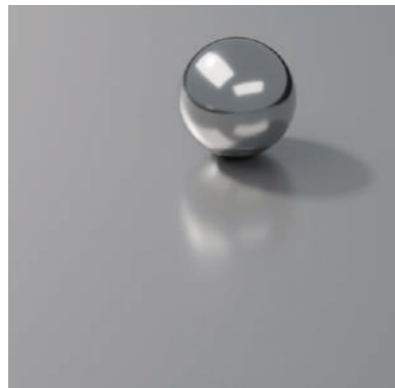
Basic but extra

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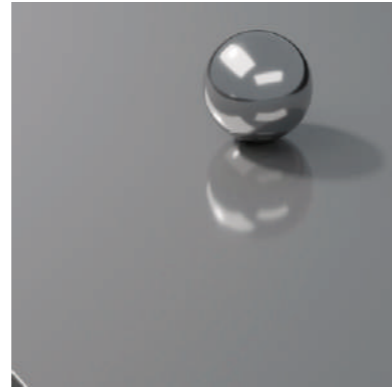
### No.1

This finish is created through hot rolling, heat treatment and pickling. It is ideal for materials to be cold-rolled, industrial tanks and chemical facilities.



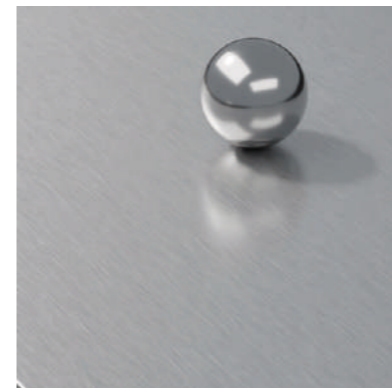
### 2D

This finish is not reflective and is made through cold rolling, heat treatment and pickling. Its typical uses include petrochemical plants, auto parts, construction materials and pipes.



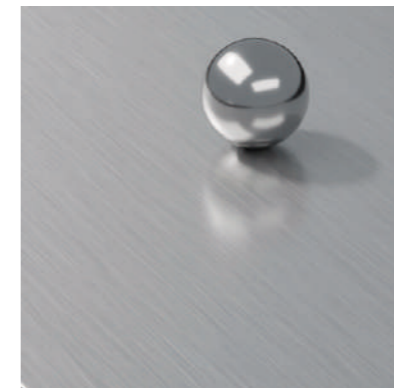
### 2B

This finish is made by applying a light cold rolling pass to No.2D. It is more reflective and less rough and provides better mechanical properties than No.2D. It is commonly used for almost all applications.



### No.4

This finish is made through polishing with 150-180 grit abrasives. High grit numbers create finer polishing lines and more reflective finishes than No.3. This finish is widely used for bathtubs, architectural materials and food processing.



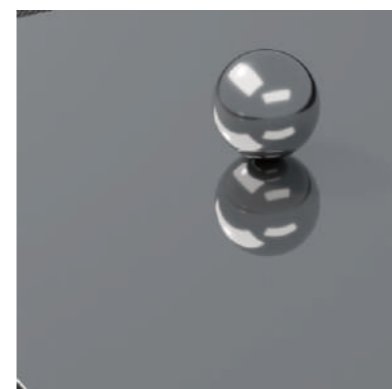
### HL

Featuring a series of patterns, this finish is made through polishing with moderate grit abrasives. Its common uses include sashes, doors or other panels of buildings.



### BA

This finish is made through cold rolling, bright annealing, heat treatment and then a light cold rolling pass. It is widely used for applications where a highly reflective surface is desired, including home appliances, small mirrors, kitchen appliances and architectural materials.



### NO. 8

No.8 finish also known as #8, 8K or mirror finish. This finish requires a base material of 2B or BA finish to process. According to different machines and demands, #8 can be polished in coil or sheet to attain a mirror-like effect. Brightness is over 1300 GU(20 degrees); Roughness is smaller than 0.02um. It is widely used in logo, architectural decorations, exquisite fabrication.

# 3

## PRODUCTS

Flat & long materials



# Sheet & Coil

## Our flat products can adapt to various appliances.

Stainless steel is a versatile material thanks to its excellent properties. Since the day it was invented, It has played a vital role in almost every industry, including vehicle, pharmacy, transportation, construction, food, and agriculture...Jinling Steel provides a wide range of stainless steel materials to meet the various demands of our clients. Jinling Steel flat products range from 0.3 mm to 50 mm in thickness including hot-rolled and cold-rolled coils, sheets, and plates.





# HOT ROLLED

## Coils

PRODUCT RANGE					
thickness (mm)	width (mm)				
	1000	1219	1500	1524	2000
2.0	•	•	•	•	•
3.0	•	•	•	•	•
4.0	•	•	•	•	•
5.0	•	•	•	•	•
6.0	•	•	•	•	•
7.0	•	•	•	•	•
8.0	•	•	•	•	•
9.0		•	•	•	•
10.0		•	•	•	•
12.0		•	•	•	•
14.0			•	•	
15.0			•	•	
16.0			•	•	
18.0			•	•	
20.0			•	•	

## Sheets

PRODUCT RANGE					
thickness (mm)	width (mm)				
	1219x2438	1500x3000	1500x6000	1524x3048	1524x6096
2.0	•	•	•	•	•
3.0	•	•	•	•	•
4.0	•	•	•	•	•
5.0	•	•	•	•	•
6.0	•	•	•	•	•
7.0	•	•	•	•	•
8.0	•	•	•	•	•
9.0	•	•	•	•	•
10.0	•	•	•	•	•
12.0	•	•	•	•	•
14.0		•	•	•	•
15.0		•	•	•	•
16.0		•	•	•	•
18.0		•	•	•	•
20.0		•	•	•	•

## Plates

PRODUCT RANGE	MAIN GRADE			
Thickness	16 - 100mm	304	S31803	904L
Width	1500-3000mm	304L	S32205	C276
		316	S32750	
Length	2000-16000mm	316L	S31254	
		310S		



# COLD ROLL

## Coils

PRODUCT RANGE					
thickness (mm)	width (mm)				
	1000	1219	1250	1500	2000
0.3	●	●	●		
0.4	●	●	●		
0.5	●	●	●	●	
0.6	●	●	●	●	
0.7	●	●	●	●	
0.8	●	●	●	●	●
0.9	●	●	●	●	●
1.0	●	●	●	●	●
1.2	●	●	●	●	●
1.5	●	●	●	●	●
2.0	●	●	●	●	●
2.5	●	●	●	●	●
3.0	●	●	●	●	●
4.0				●	●
5.0				●	●
6.0				●	●

FINISH CONDITION	MAIN GRADE	
a) 2B	304	409
	304L/J1	410/S
	316	420
b) BA	316L/Ti	430
	301	436/L
	321	439
c) NO.4/HL	310S	441
	2205	443
d) 8K (Mirror Finish)	904L	444
	C-276	

- Supply conditions -
- Dimensional tolerances according to ASTM A480
  - Special tolerances upon request
  - Special surface upon request
  - Slitted edges or mill edges



## Sheets

PRODUCT RANGE					WEIGHT (KG/SHEET)
thickness (mm)	width (mm)				
	1000x2000	1219x2438	1250x2500	1500x3000	
0.3	●	●	●		
0.4	●	●	●		
0.5	●	●	●	●	
0.6	●	●	●	●	
0.7	●	●	●	●	
0.8	●	●	●	●	●
0.9	●	●	●	●	●
1.0	●	●	●	●	●
1.2	●	●	●	●	●
1.5	●	●	●	●	●
2.0	●	●	●	●	●
2.5	●	●	●	●	●
3.0	●	●	●	●	●
4.0				●	●
5.0				●	●
6.0				●	●





# HIGHLIGHTS

**WE CAN DO BEYOND FOR YOUR PROJECTS**

**#8, ANTI-FINGERPRINT, COLOR SHEET**

## Why is JINLING METALS' #8 finish so different?

#8 finish is a high-end processing effect for stainless steel finish. It requires the most suitable material and the best machines and manufacturing team. JINLING WORKSHOP is equipped with an automatic production line exclusive for #8 processing, consisting of 24 sets of grinding units.

Practically, stainless steel 430 is not the best material for making mirror finish compared to the 300 series and 200 series. But through strict material and PVC interleave selection, JINLING finds out the best combination to make a high-quality #8 finish based on the stainless steel 430.

Scan to watch the video of sheet processing

WATCH MORE



We bet this is JINLING's strength



**#8** *Mirror finish*

*Super reflective*

*Multi-function*



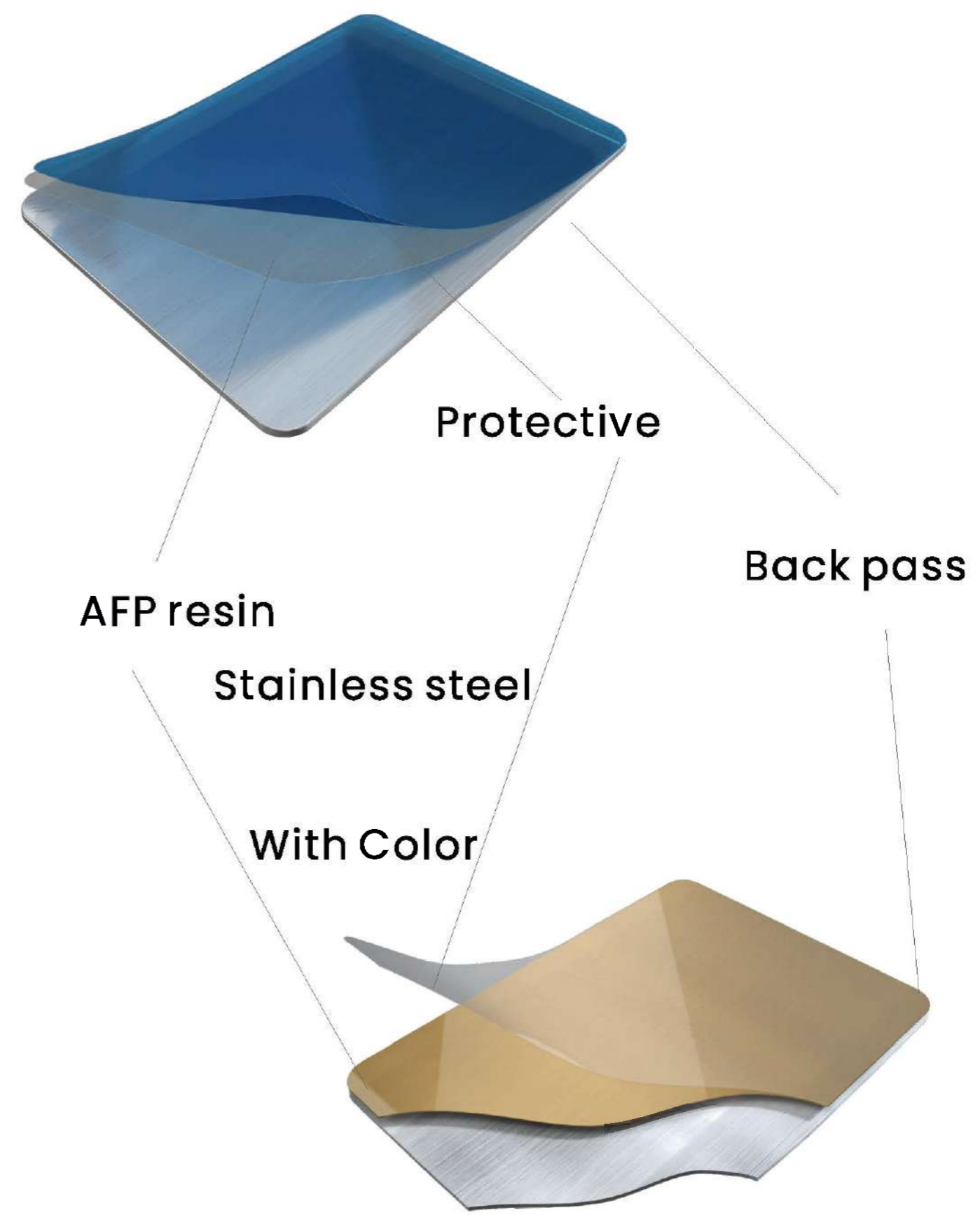


*Modern*

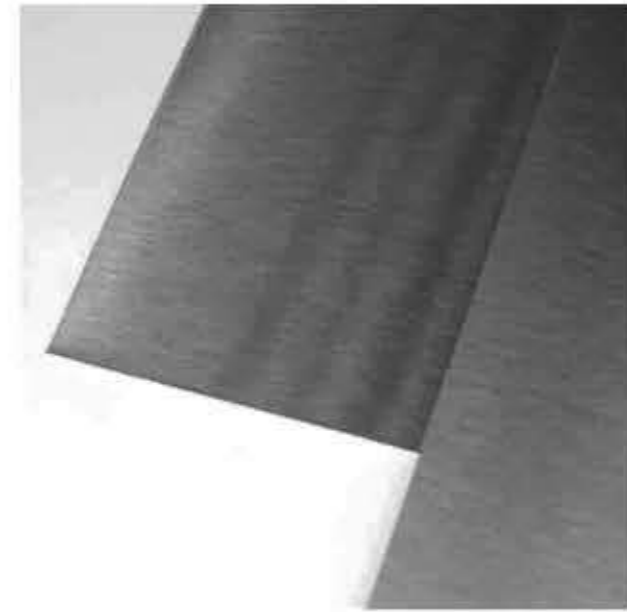


# Anti-Fingerprint

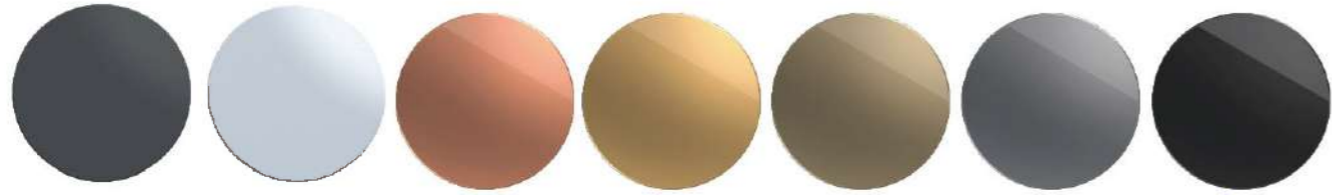
Finest materials for your high quality appliances







Free to touch

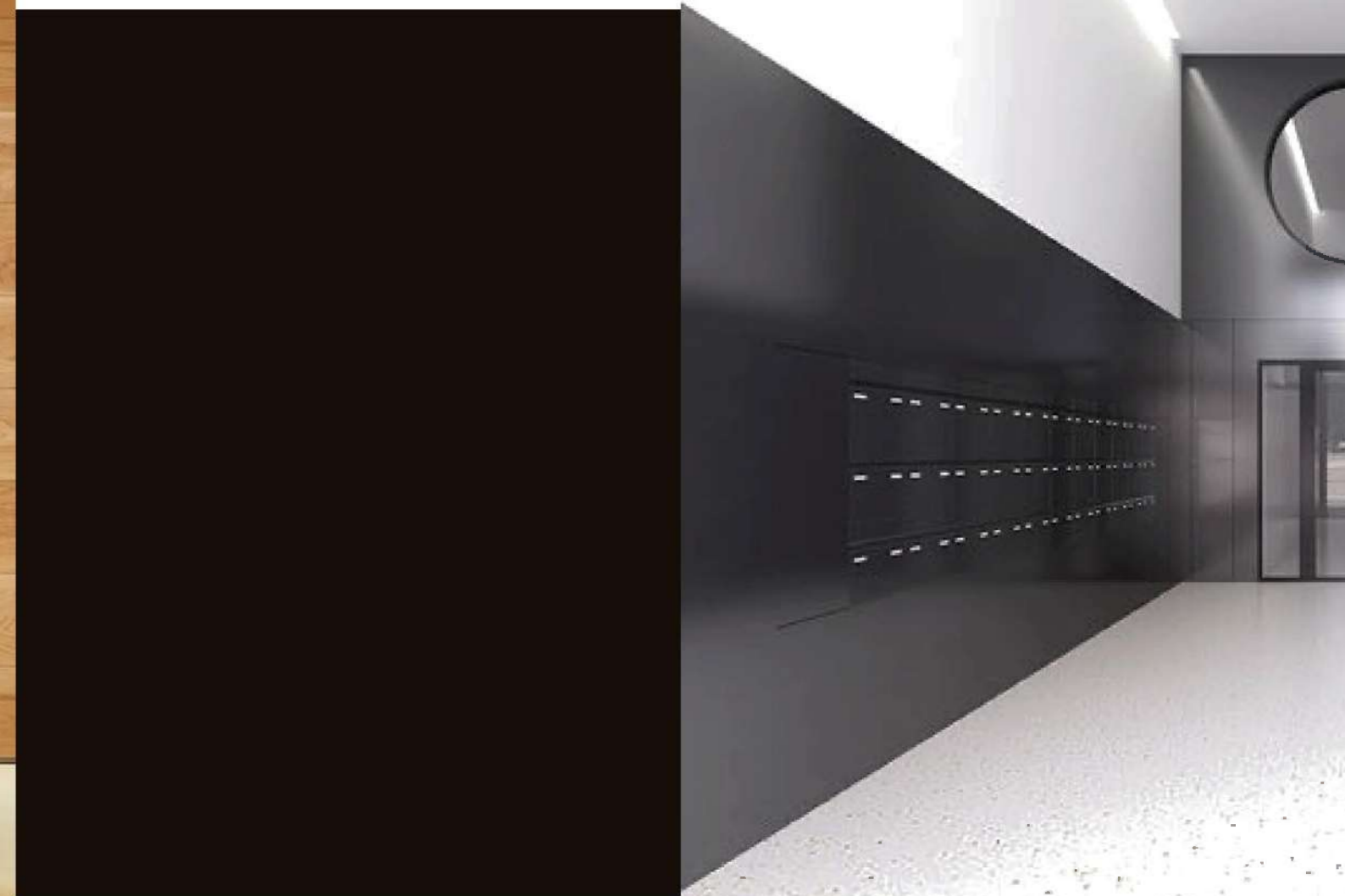
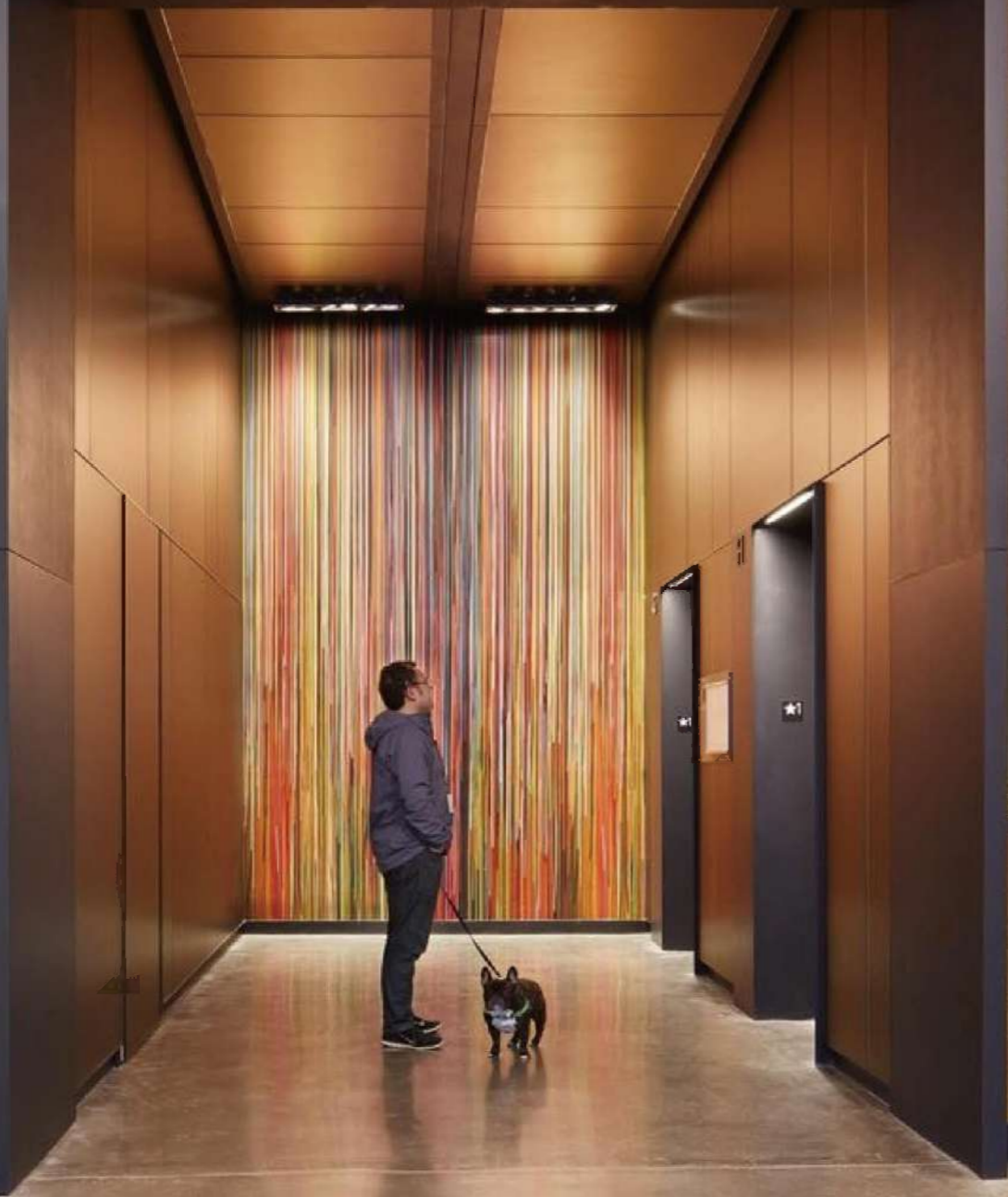


Ultimate choices for various colors on stainless steel ▶



# Colors

GARAGE





# WELDED TUBE

Complete your work under one roof



▲ Welded tubes of various shapes stocked in JINLING WAREHOUSE.

Jinling Steel has the perfect solution for all your industrial and commercial needs. Our stainless steel weld tubes are made from high-quality materials, ensuring superior durability and resistance to corrosion.

With a range of sizes and thicknesses available, our stainless steel weld tubes are suitable for various applications, including chemical processing, pharmaceuticals, food and beverage production, and more.

Our tubes are welded to the highest standards, ensuring a seamless finish that is both aesthetically pleasing and functional.

Our commitment to quality means that every stainless steel weld tube is rigorously tested and inspected to ensure it meets our exacting standards.

Scan to watch the video of tube processing





**Rectangular**

**Square**

Generally, stainless steel tubes are categorized into round, square, and rectangular shapes. For different appliances, our stainless steel welded tubes are produced for industrial, ornamental, and sanitary usages.

**Round**



# INDUSTRIAL



Industrial welded tubes are widely used in chemical, petroleum, paper, energy, sewage engineering and other industries.

### **Manufacturing Standard:**

ASTM A312 JIS G3459, GB/T 12771, GB/T 28708, EN10217-7

### **Dimension Range:**

OD: INCH 1/4~20

WT: SCH5S ~ SCH80S

### **Available grades:**

304, 304L, 316L

# ORNAMENT

## Manufacturing Standrad:

ASTM A554, GB/T 12770, JIS G3446, JG/T 3030, YB/T 5363, EN 10219-2

## Dimension Range:

Round: 6~325mm

Square: 10\*10~200~200mm

rectangular: 20\*10~200~100mm

THK: 0.8~8.0

## Available grades:

304 304L 316L

200 series

400 series

## Finished Condition:

#180, #240, #320, #400, #600#, HLMF, 8K, and more.



▲ Widely used in machinery, medical equipment, fitness equipment, dyeing and finishing, high-speed trains, automobiles, furniture, decoration and other purposes.



# SANITARY

## Manufacturing Standard:

ASTM A270 DIN 11850 JIS G3447 ISO 2037 BS 4825 QB/T 2467

## Dimension Range:

OD: 15.9~168.3mm

THK: 0.9~3.0 mm

## Available grades:

304 304L 316L

## Outer and Inner Finished Condition:

#180, #240, #320, #400

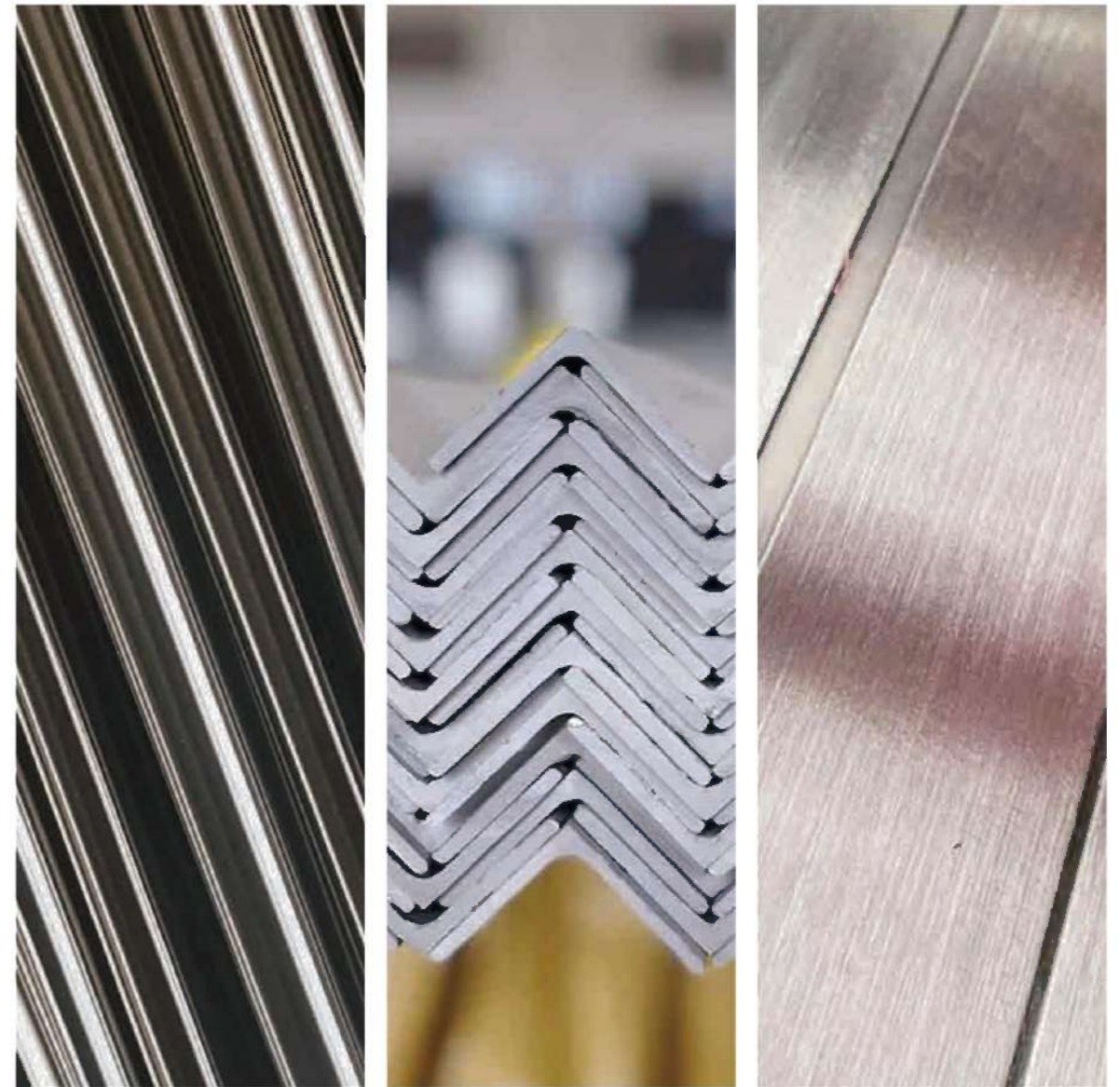
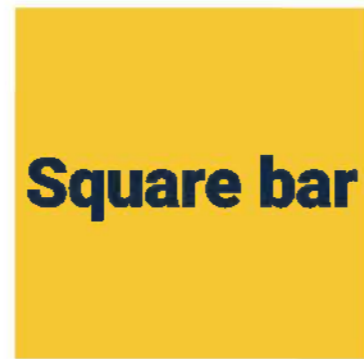


▼ Applicable to bioengineering, food, pharmaceutical, pure water, electronic engineering, chemical fiber industry, chemical industry, paper making, beer, high-purity gas, cosmetics and other industries.



# **BAR**

Seeking more materials?  
Find more options here.



# Round BARS

## Product range

Product range	
Min. diameter (mm) /	2
Max. diameter (mm) /	500

## Standard

MANUFACTURING STANDARD	PRODUCT DESIGNATION
ASTM A276	Standard Specification for Stainless Steel Bars and Shapes
ASTM A479	Standard Specification for Stainless Steel Bars and Shapes for Use in Boilers and Other Pressure Vessels
ASTM A582	Standard Specification for Free-machining Stainless Steel Bars
EN 10088-3	Stainless steels for general purposes

Nominal Dimension mm	TOLERANCE CLASS TO ISO						
	h6	h7	h8	h9	h10	h11	h12
>1 to ≤3 mm	0 -0.006	0 -0.010	0 -0.014	0 -0.025	0 -0.040	0 -0.060	0 -0.100
>3 to ≤6 mm	0 -0.008	0 -0.012	0 -0.018	0 -0.030	0 -0.048	0 -0.075	0 -0.120
>6 to ≤10 mm	0 -0.009	0 -0.015	0 -0.022	0 -0.036	0 -0.058	0 -0.090	0 -0.150
>10 to ≤18 mm	0 -0.011	0 -0.018	0 -0.027	0 -0.043	0 -0.070	0 -0.110	0 -0.180
>18 to ≤30 mm	0 -0.013	0 -0.021	0 -0.033	0 -0.052	0 -0.084	0 -0.130	0 -0.210
>30 to ≤50 mm	0 -0.016	0 -0.025	0 -0.039	0 -0.062	0 -0.100	0 -0.160	0 -0.250
>50 to ≤80 mm	0 -0.019	0 -0.030	0 -0.046	0 -0.074	0 -0.120	0 -0.190	0 -0.300
>80 to ≤120 mm	0 -0.022	0 -0.035	0 -0.054	0 -0.087	0 -0.140	0 -0.220	0 -0.350
>120 to ≤180 mm	0 -0.025	0 -0.040	0 -0.063	0 -0.100	0 -0.160	0 -0.250	0 -0.400
>180 to ≤200 mm	0 -0.029	0 -0.046	0 -0.072	0 -0.115	0 -0.185	0 -0.290	0 -0.460

DIMENSIONAL TOLERANCES EN 10278							
Product Type	tolerance class according to ISO 286-2						
	h6	h7	h8	h9	h10	h11	h12
Drawn				R	R	R	R
Turned				R	R	R	R
Grounded	R	R	R	R	R	R	R
Polished	R	R	R	R	R	R	R

FINISHED CONDITION
a) Drawn, symbol+C (BLACK BAR)
b) Turned, Symbol+SH (PEELED BAR)
c) Groud, Symbol+SL (GRINDING BAR)
d) Polished, Symbol +PL (POLISHED BAR)
The steel product shall be delivered in one or combination of the above finished conditions with or without heat treatment.

# Angle BARS

TOLERANCE IN WIDTH AND THICKNESS FOR ANGLE BARS									
width mm	tolerance in width mm	3	4	5	6	7	8	9	10
20	±1.0	±0.4	±0.4						
25	±1.0	±0.5	±0.5	±0.5	±0.5				
30	±1.0	±0.5	±0.5	±0.5	±0.5				
35	±1.0	±0.6	±0.6	±0.6	±0.6				
40	±1.0	±0.6	±0.6	±0.6	±0.6	±0.6			
45	±2.0	±0.6	±0.6	±0.6	±0.6	±0.6			
50	±2.0	±0.6	±0.6	±0.6	±0.6	±0.6	±0.6	±0.6	
60	±3.0			±0.6	±0.6	±0.7	±0.7	±0.7	
65	±3.0			±0.6	±0.6	±0.7	±0.7	±0.7	
70	±3.0				±0.6	±0.7	±0.7		
75	±3.0				±0.6	±0.7	±0.7	±0.7	
80	±3.0				±0.6	±0.7	±0.7	±0.7	
90	±3.0				±0.6	±0.7	±0.7	±0.7	±0.7
100	±3.0				±0.6	±0.7	±0.7	±0.7	±0.7

\*Available for both equal and unequal angle bar and inch-size

## FINISH CONDITION

- a) Polished, HairLine
- b) Sandblast
- c) Mill, Pickled

## MAIN GRADE

304  
304L  
316  
316L

Other grades are available, such as 310s, 904L...

## DELIVERY STATE

- a) Hot Rolled (HR)
- b) Hot Rolled & Pickled (HRP)

## SIZE RANGE

20 x 20 x 3 ~ 100 x 100 x 12mm

Width:  
20mm, 25mm, 30mm, 35mm,  
40mm, 45mm, 50mm, 60mm, 65mm,  
70mm, 75mm, 80mm, 90mm, 100mm

Thickness:  
3mm, 4mm, 5mm, 6mm, 7mm, 8mm, 9mm,  
10mm, 12mm

- c) Made by Bending Plates
- d) Made by Welding Flat Bars

As your request

As your request



▲ Stainless steel angle bars are commonly used in applications where structural support or reinforcement is required, such as in building frames, bridges, and machinery. They come in various sizes and thicknesses, making them suitable for a wide range of applications.

# Flat BARS

MANUFACTURING STANDARD	PRODUCT DESIGNATION	GRADE	
EN 10088-2	Stainless steel flat products for general purposes	Austenitic EN 1.4301 1.4307 1.4541 1.4401 1.4404 1.4571	AISI 304 304L 321 316 316L 316Ti
EN 10028-7	Stainless steel flat products for pressure purposes	1.4406 1.4438 1.4541	316LN 317L 321
ASTM A276	Standard specification for stainless steel bars and shapes		
ASTM A479	Standard specification for stainless steel bars and shapes for use in Boilers and Other Pressure Vessels		
ASTM A582	Standard specification for free-machining stainless steel bars		

Stainless steel flat bars have a high strength-to-weight ratio, which makes them a preferred choice for structural applications that require strength and durability.



TOLERANCE IN WIDTH AND THICKNESS OF COLD ROLLED FLAT BARS				
width mm	tolerance in width, +/- mm		thickness mm	tolerance in thickness, +/- mm
	thickness < 6.5 mm	thickness > 6.5 mm		
1.50 to 9.50	0.12	0.12	0 to 0.70	0.03
9.50 to 25.00	0.10	0.10	0.70 to 1.00	0.04
25.00 to 50.00	0.15	0.10	1.00 to 25.00	0.05
50.00 to 75.00	0.20	0.10	25.00 to 50.00	0.08
75.00 to 115.00	0.25	0.13	50.00 to 75.00	0.10
			75.00 to 115.00	0.13

TOLERANCE IN WIDTH AND THICKNESS FOR HOT ROLLED FLAT BARS														
specified width mm	tolerance in thickness for thickness given, mm												tolerance in thickness, mm	
	3.2 to 13		13 to 25		25 to 50		50 to 100		100 to 150		150 to 200			
	+	-	+	-	+	-	+	-	+	-	+	-	+	-
0 to 25.00	0.20	0.20	0.25	0.25	--	--	--	--	--	--	--	--	0.40	0.40
25.00 to 50.00	0.30	0.30	0.40	0.40	0.80	0.80	--	--	--	--	--	--	0.80	0.80
50.00 to 100.00	0.40	0.40	0.50	0.50	0.80	0.80	1.60	0.80	--	--	--	--	1.60	0.80
100.00 to 150.00	0.40	0.40	0.50	0.50	0.80	0.80	1.60	0.80	2.40	1.60	--	--	2.40	1.60
150.00 to 200.00	0.40	0.40	0.65	0.65	0.80	0.80	1.60	0.80	2.40	1.60	3.20	4.00	3.20	4.00
200.00 to 250.00	0.50	0.50	0.80	0.80	0.80	0.80	1.60	0.80	2.40	1.60	3.20	4.00	4.00	4.80

ASTM A484/A484M

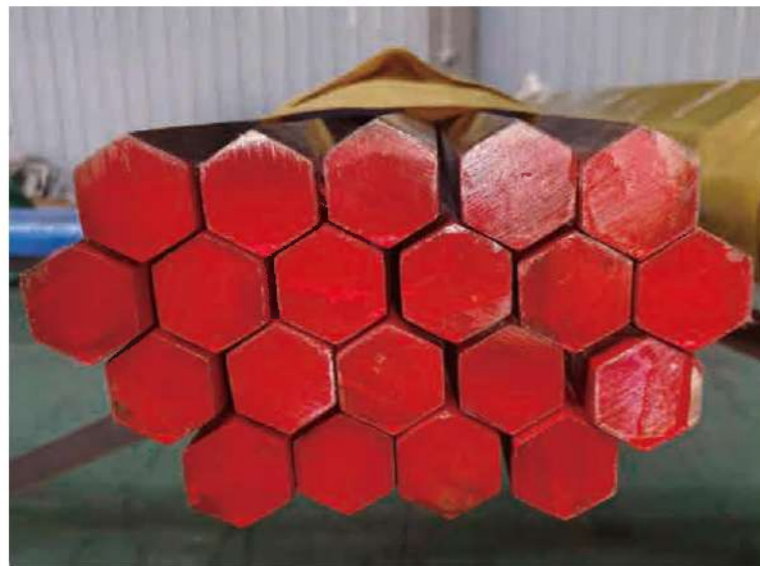
- Supply conditions -
- Dimensional tolerances according to EN 10051 -
  - Special tolerances upon request
  - Control documents 2.2, 3.1, 3.2 according to EN 10204
  - On request: certification according to AD 2000 W2/W10

# Hexagon BARS

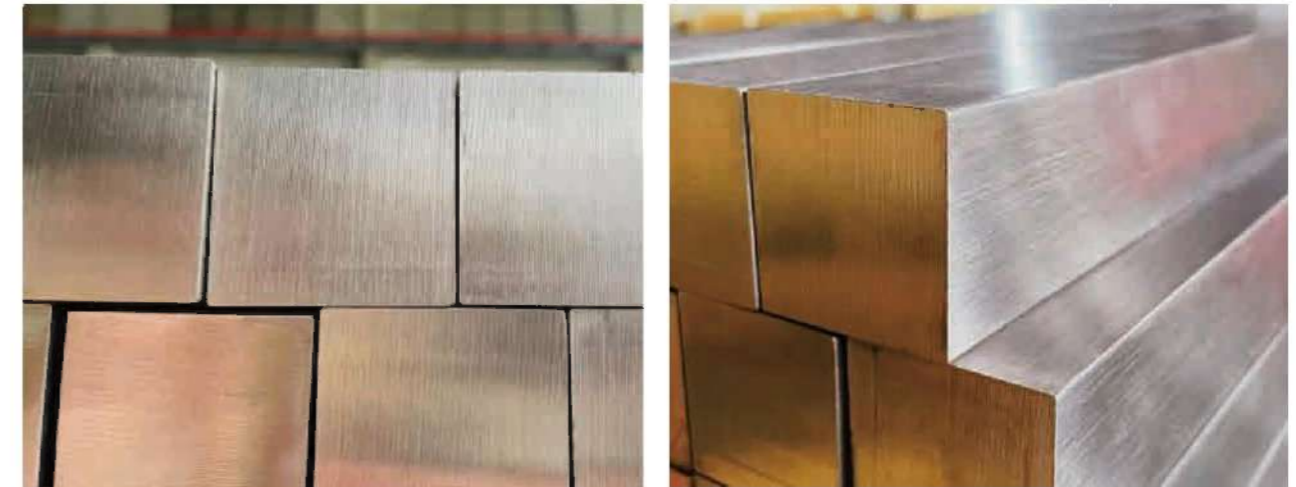
# Square BARS

DELIVERY STATE & SIZE	MAIN GRADE
a) Cold Rolled(Polished/HairLine): S3.0mm - S6.0mm	304 304L
b) Cold Drawn(Bright/HairLine): S6.0mm - S80m	316 316L 303
c) Hot Rolled(Sandblast/HairLine/Polished):S8.0mm- S180mm	

Theoretical Weight(kg/m): S(mm) x S(mm) x 0.0068



▶ The stainless steel hexagon bar is a versatile and reliable material that offers strength, durability, and corrosion resistance, making it a popular choice for many industries.



Permitted Variations in Size of Cold Finished Hexagonal, and Square Bars		
Specified Size, <sup>A</sup> in.[mm]	Permitted Variations from Specified Size, in.[mm] <sup>B</sup>	
	Over	Under
1/8 to 5/16 [3.0 to 8.0], excl	0	0.002 [0.05]
5/16 to 1/2 [8.0 to 13.0], excl	0	0.003 [0.08]
1/2 to 1 [13.0 to 25.0], incl	0	0.004 [0.10]
Over 1 to 2 [25.0 to 50.0], incl	0	0.006 [0.15]
Over 2 to 3 [50.0 to 75.0], incl	0	0.008 [0.20]
Over 3 [75.0]	0	0.010 [0.25]

<sup>A</sup> Distance across flats.

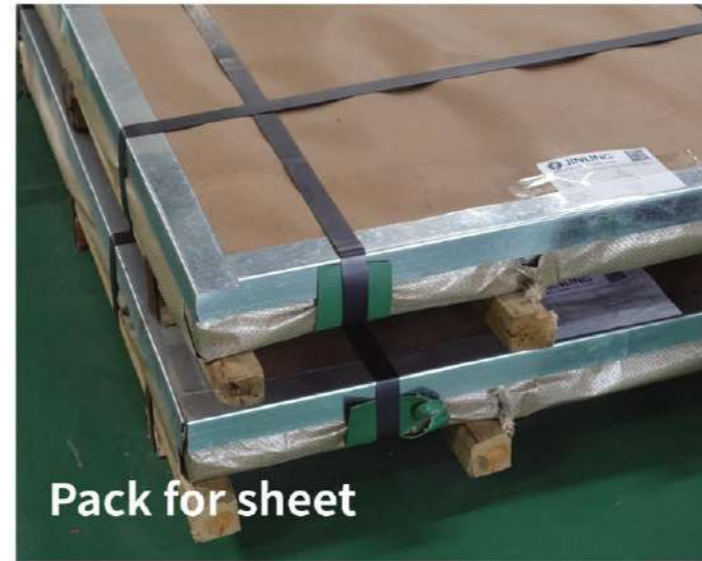
<sup>B</sup> When it is necessary to heat treat or heat treat and pickle after cold finishing, size tolerances are double those shown in the table

# 4 PACK

Every order is packed like a gift.



Packing area



Pack for sheet



Reinforcement



Scan to watch the video of sheet packing



It matters.



Scan to watch the video of coils loading

# 5



“

I realized that what we are selling was not a crude raw material but a material that makes the world shine.

## To Dear Customers,

Thanks for reading this far. I am Kary Guo. People who read this will be our old friends, new friends, and maybe you who have never met.

Thank you for your support, in co-creating Jinling's brilliance today. Jinling Steel is the painstaking effort of our team for over twenty years of development.

At the same time, I would also like to thank all my colleagues for their hard work and dedication and have worked together to create everything about Jinling.

Jinling is committed to the stainless steel business. For a long time, we have been engaged in the bulk commodity export business of stainless steel raw materials. Our product line is firmly spread all over the world like the roots of a tree, so we dare not neglect every order, because only by maintaining good products can we ensure that every circumstance that customers face in the future will be flawless.

But stability is not our working style. On a stable and seemingly outdated career path, we keep pursuing innovation and breakthroughs. I am constantly vigilant to myself: if we are only content with the current success, we will be eliminated by the market one day.

I used to only focus on raw material transactions. Behind the market, price, inventory, and sales figures, it suddenly occurred to me that stainless steel itself is what we should pay more attention to. Its value should not stop at numbers. The application of stainless steel is amazing. In architecture, the aesthetics of the design is born; in the shaping of fine craftsmanship, the humanities, and art collide with the metal industry.

I realized that what we are selling was not a crude raw material, but a material that makes the world shine.

In 2019, we established the Stainless Steel Solutions Division, which specializes in providing services for foreign construction projects. It is not easy for an enterprise to innovate and transform. In a time of eternal changes, the only unchanged is to keep thinking. This makes Jinling Steel a stainless steel enterprise that will always maintain its vitality.

Faithfully,  
*KARY GUO*