



Wuxi SDO stainless steel Co., Ltd

## 420J1 Stainless Steel Sheet



420J1 stainless steel: After quenching, it has high hardness and good corrosion resistance (magnetic). After quenching, the hardness of 420J2 stainless steel is higher than that of 420J1 steel (magnetic).

Generally, the quenching temperature of 420J1 is  $980 \sim 1050^{\circ}\text{C}$ , the hardness of  $980^{\circ}\text{C}$  heating oil quenching is obviously lower than  $1050^{\circ}\text{C}$  heating oil quenching, the hardness after  $980^{\circ}\text{C}$  oil quenching is 45-50HRC, and the hardness after  $1050^{\circ}\text{C}$  oil quenching is 2HRC higher. However, the grains of the structure obtained after quenching at  $1050^{\circ}\text{C}$  are coarse and brittle. It is recommended to use  $1000^{\circ}\text{C}$  heating and quenching to get better structure and hardness. Wuxi SDO [stainless steel factory](#) can provide various stainless steel products to meet your needs.

## 420J1 Stainless Steel Sheet Specification

Item	Stainless Steel 420J1 sheet (Hot rolled, Cold rolled)
Thickness	0.3~10.0mm

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Width	1000mm, 1219mm, 1500mm, 1800mm, 2000mm, 2500mm, 3000mm, 3500mm, etc
Length	2000mm, 2440mm, 3000mm, 5800mm, 6000mm, etc.
Standard	JIS, AISI, ASTM, GB, DIN, EN, etc
Surface	2B, 2D, BA, NO.1, NO.4, NO.8, 8K, mirror, checkered, embossed, hair line, sand blast, Brush, etching, etc
Package	Shrink-wrapped, Carton boxes, Wooden pallets, Wooden boxes, Wooden crates Etc.
Edge	Mill Edge Slit Edge
Export to	India, Indonesia, Malaysia, Singapore, Saudi Arabia, Qatar, UAE, Iran, Iraq, Oman, South Africa, Nigeria, Kenya, Italy, UK, Brazil, Russia, Egypt, Kuwait, Taiwan, Australia.

## Chemical Elements Of 420j1 Stainless Steel Sheet

Element	C	Si	Mn	P	S	Cr	Mo	Ni
%	0.03	1	2	0.045	0.03	16-18	2-3	10-14

## Processing Service Of Our 420j1 Stainless Steel Sheet

- **Cutting+Slitting - 420J1 stainless steel narrow strip, special length/width plate**

(1) Flame cutting: The cost of flame cutting equipment is low and it is the only economical and effective means to cut thick metal plates, but it has its shortcomings in thin plate cutting.

(2) Laser cutting: Laser cutting equipment can cut stainless steel plates below 30mm. Adding oxygen to the laser beam can cut 40mm thick carbon steel, but after oxygen cutting, a thin oxide film will be formed on the cutting surface.

(3) Wire cutting: It is developed on the basis of EDM perforation and forming. It has not only developed the application of EDM but also replaced EDM perforation and forming in some aspects.

(4) Shearing cutting: Uses a moving upper blade and a fixed lower blade and uses a reasonable blade gap to apply shearing force to metal plates of various thicknesses so that the plates can be broken and separated according to the required size. Shearing machine is a kind of forging machinery, and its main function is the metal processing industry.

(5) Plasma cutting : It is a processing method that uses the heat of a high-temperature plasma arc to partially or partially melt (and evaporate) the metal at the incision of the workpiece and uses the momentum of the high-speed plasma to remove the molten metal to form an incision.

(6) Slitting: Also known as slitting, refers to the process of uncoiling, slitting, leveling, and winding of stainless steel coils into coils of the required width.

- **Surface processing - 8K mirror, HL hairline, color coating**
- **Bending+Welding - OEM customized products as drawing**

## Application Of 420j1 Corrosion Resistant Stainless Steel Sheet

√	420J1 Stainless Steel sheet Used in Tractor
√	<a href="#">420J1 Stainless Steel sheet</a> Used in Automotive Trim
√	420J1 Stainless Steel sheet Used in Stamped Machined Products
√	420J1 Stainless Steel sheet Used in Stamped Machined Products
√	420J1 Stainless Steel sheet Used in Cookware
√	420J1 Stainless Steel sheet Used in Appliances
√	420J1 Stainless Steel sheet Used in Kitchen
√	420J1 Stainless Steel sheet Used in Foodservice Equipment
√	420J1 Stainless Steel sheet Used in Sinks
√	420J1 Stainless Steel sheet Used in Railway Cars
√	420J1 Stainless Steel sheet Used in Trailers

## 420J1 Stainless Steel Sheet Processing

- 420J1 Stainless Steel Sheet Cutting
- 420J1 Stainless Steel Sheet Slitting
- 420J1 Stainless Steel Sheet Color coating
- 420J1 Stainless Steel Sheet Hairline/Brush
- 420J1 Stainless Steel Sheet Etching
- 420J1 Stainless Steel Sheet Welding
- 420J1 Stainless Steel Sheet Bending
- 420J1 Stainless Steel Sheet Embossing
- 420J1 Stainless Steel Sheet Bead Blasted
- 420J1 Stainless Steel Sheet Polishing

## 420j1 Stainless Steel Sheet Stock Available

Tisco Stainless Steel 420J1 sheet	Stainless Steel 420J1 sheet	Jindal Stainless Steel 420J1 sheet
SS 420J1 Perforated sheet	A 240 420J1 sheet	SS DIN 1.4571 sheet
Stainless Steel 420J1 UNS S31635 sheet	SS 420J1 Embossed sheet	ThyssenKrupp Stainless Steel 420J1 sheet
A 240 Chequered 420J1 sheet	Outokumpu SS 420J1 sheet	ASTM A240 Stainless Steel 420J1 sheet
Aperam Stainless Steel 420J1 sheet	SA 240 420J1 Stainless Steel sheet	Surface Polishing SS 420J1 sheet
420J1 Stainless Steel HR sheet	Bright Hammered Pattern Decorative SS 420J1 sheet	420J1 Stainless Steel Blank sheet
420J1 Stainless Steel Chequered sheet	420J1 Stainless Steel CR sheet	420J1 Stainless Steel Perforated sheet
420J1 Stainless Steel Golden Laser Pattern sheet	420J1 Stainless Steel 2B sheet	Embossed ss 420J1 sheet
Super thin-Mirror surface BA ss 420J1 sheet	420J1 Stainless Steel B. Q. Profile sheets	Cheap cold rolled ss 420J1 sheet with best price
Super Austenitic SS 420J1 sheet	Best selling 4'x8' mirror finished ss 420J1 sheet	Brush finish ss 420J1 sheet price list
ASTM A240 420J1 sheet	Decorative hairline inox cold rolled ss 420J1 sheet	SS URANUS B6 420J1 sheet
JMSS cold rolled ss 420J1 sheet	Hair Line Finish SS 420J1 sheet	2B SUS SS 420J1 sheet
Cold Rolled No.1 Finish SS 420J1 sheet	Laser cutting ss 420J1 sheet	Food Grade Stainless Steel 420J1 sheet
SEW 400 Stainless Steel 420J1 sheet	Tisco Supplier 3mm Thickness Stainless Steel 420J1 sheet	No. 4 PVC Coated SS 420J1 sheet
Hot Rolled Stainless Steel 420J1 sheet	Decorative Stainless Steel 420J1 sheet	SS 420J1 sheet Blasted Tin-Gold Rose
Sales Promotion SS 420J1 sheet	Scotch Brite SS 420J1 sheet	2mm ASTM SS 420J1 sheet

Cr Stainless Steel 420J1 sheet	Baosteel Stainless Steel 420J1 sheet	Stainless Steel Corrugated 420J1 sheet
SS 420J1 Mill Test Certificate sheet	Stainless Steel Cladding 420J1 sheet	ASTM B625 420J1 sheet
ASTM A240 420J1 sheet	Black SS 420J1 sheet 4mm Thick	Brushed or dull polished Stainless Steel 420J1 sheet
Cold rolled, bright annealed 420J1 sheet	Bright-pickled Stainless Steel 420J1 sheet	Cold rolled, heat treated, pickled 420J1 sheet
Ground Stainless Steel 420J1 sheet	Cold rolled, heat treated 420J1 sheet	10K Mirror Finish Surface SS 420J1 sheet
Hot Selling AISI SS 420J1 sheet	3mm Cold Rolled AISI SS 420J1 sheet	Gold Etched SS 420J1 sheet
SS 420J1 Rose Golden sheet	Mill Supply SS 420J1 sheet	18 Gauge SS 420J1 sheet
Surface coated Stainless Steel 420J1 sheet	Grade Prime SS 420J1 sheet	Patterned Stainless Steel 420J1 sheet
Satin finish Stainless Steel 420J1 sheet	Carpenter Custom 450 Stainless Steel 420J1 sheet	Finish Stainless Steel 420J1 sheet
AISI stainless steel 420J1 armor sheet	Cut to Size Stainless Steel 420J1 sheet	Patterned Stainless Steel 420J1 sheet
Satin finish Stainless Steel 420J1 sheet	Non Magnetic Polishing Stainless Steel 420J1 sheet	Passenger Elevator Cabin SS 420J1 sheet
Mirror Finish SS 420J1 sheet	ASME SA240 420J1 sheet	SS 420J1 sheet Gold Brush Finish