

# Hot Rolled Steel Sheet

Hot rolled steel and sheet metal products are commonly used for industrial applications worldwide. With a wide range of options, HR plate and sheet metal products provide numerous advantages that other metal products cannot replicate.



<b>Main Standard</b>	GB/T700 standard : Q235A,Q235B,Q235C,Q235D,Q235E EN10025 standard : S235JR,S235J0,S235J2 DIN 17100 standard : St33,St37-2,Ust37-2,RSt37-2,St37-3 DIN 17102 standard : StE255,WstE255,TstE255,EstE255 ASTM standard : A36/A36M A36 A283/A283M A283 Grade A,A283 Grade B A283 Grade C,A283 Grade D A573/A573M A573 Grade 58, Grade 65,Grade 70
<b>Material</b>	Carbon steel :Q195-Q420 Series,SS400-SS540 Series,S235JR-S355JR Series,ST Series,A36-A992 Series,Gr50 Series,etc.
<b>Surface</b>	Mild steel plain finish, hot dip galvanized, color coated, etc.
<b>Size Tolerance</b>	±1%-3%
<b>Processing method</b>	Bending, Welding, Decoiling, Cutting, Punching, Polishing or as customer's request
<b>Size</b>	Thickness from 0.1mm-5000mm, width from 0.5mm-5m, length from 1m-12m or according to customer's special request
<b>Technology</b>	Hot roll, cold roll, cold drawn, etc.
<b>Weight Calculation</b>	Weight(kg)=Thickness(mm)*Width(m)*Length(m)*Density(7.85g/cm3)

## Cold Rolled Steel Sheet

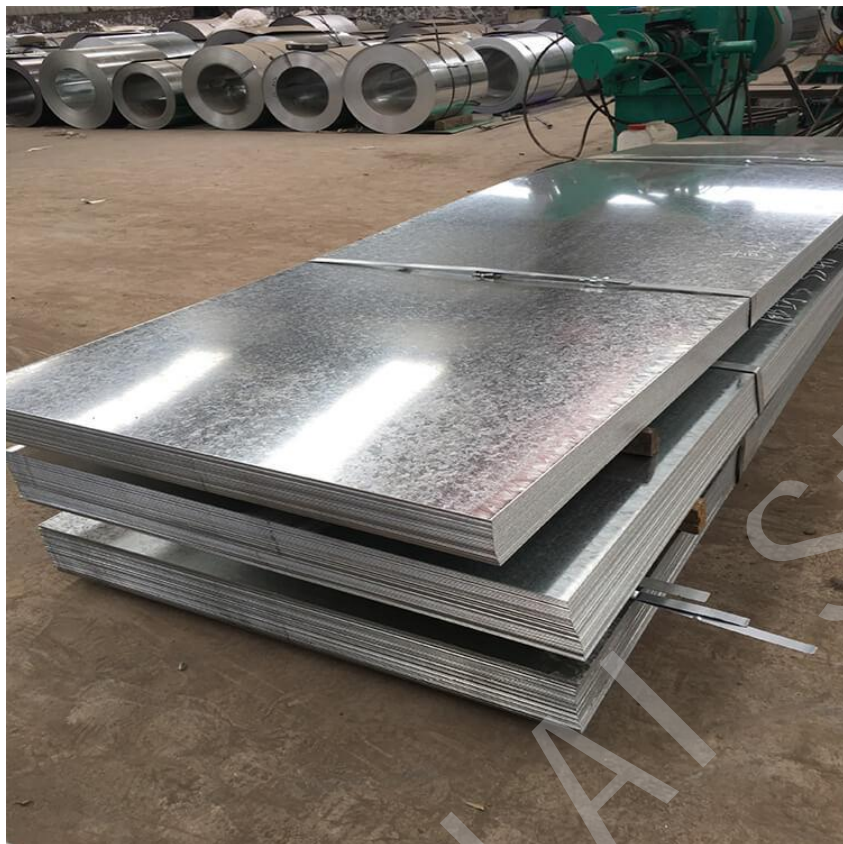


Cold rolled steel sheet is, essentially, hot rolled steel that has been further processed to increase its strength and strength-to-weight ratio. Generally, cold rolled steel sheet can hold tighter tolerances than hot rolled when machined or otherwise fabricated, providing a better overall

surface finish. This premium steel product is manufactured from steel alloy materials, providing a smooth, clean surface ideal for various industries, including structural, automotive, furniture, and more.

Thickness	Width	Length	Weight (lbs/ft)
24ga	48.00"	120.00"	0.999
24ga	48.00"	96.00"	0.999
22ga	48.00"	120.00"	1.250
22ga	48.00"	96.00"	1.250
20ga	48.00"	120.00"	1.500
20ga	48.00"	96.00"	1.500
20ga	60.00"	120.00"	1.500
18ga	48.00"	120.00"	2.000
18ga	48.00"	96.00"	2.000
16ga	48.00"	120.00"	2.500
16ga	48.00"	96.00"	2.500
16ga	60.00"	120.00"	2.500
14ga	48.00"	120.00"	3.125
14ga	48.00"	96.00"	3.125
14ga	60.00"	120.00"	3.125
12ga	48.00"	120.00"	4.375
12ga	48.00"	96.00"	4.375
11ga	48.00"	120.00"	5.000
11ga	48.00"	96.00"	5.000

## Galvanized Steel Sheet



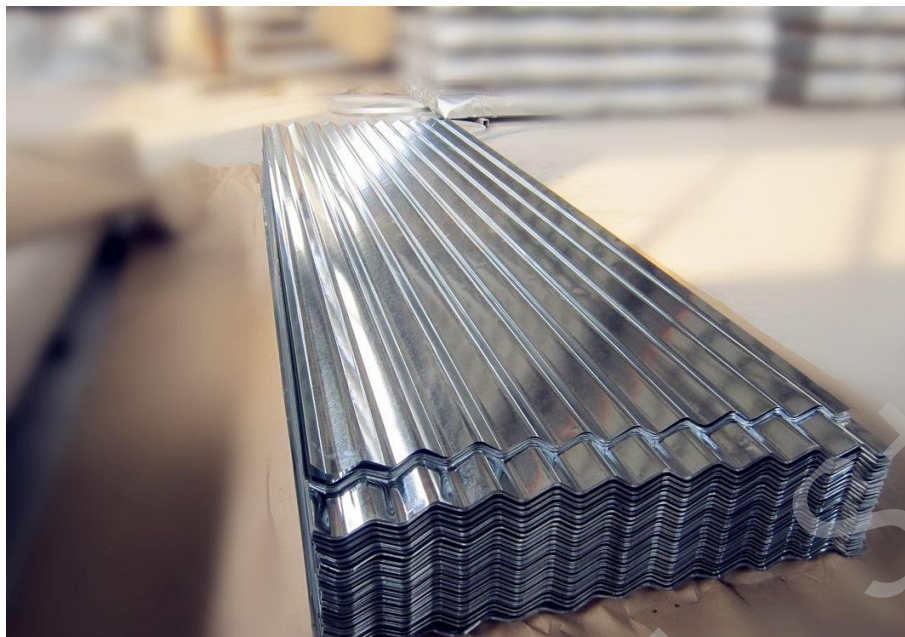
Galvanized sheet metal and plate are regularly used in applications where corrosion resistance is necessary. Flat galvanized sheet and plate are easy to drill, form and weld. They also provide a lifespan of 20 years or more, depending on the application. Additionally, galvanized sheet and plate offer a long service life at moderate temperatures.

<b>Standards</b>	JIS G3302, ASTM A653M, EN10327, DIN 17162, EN 10142, EN 10147, EN 10292, JIS G3302
<b>Material</b>	DX51D+Z, DX52D+Z, DX53D+Z, DX54D+Z, S220GD+Z, DX51D+Z/SGCC/A653, etc
<b>Zinc Coating</b>	40-600g/m <sup>2</sup>
<b>Width</b>	1000mm, 1219mm, 1250mm, 1500mm or customized as required
<b>Thickness</b>	0.1-6.5mm or customized as required
<b>Surface Finish</b>	Regular spangle, Big spangle, minimum spangle, zero spangle





## Galvanized Corrugated Plate



Baolai Steel carries corrugated metal panels for roofing, flooring, and siding. These corrugated panels are made of rippled metal sheets, one of the most commonly used panels in the industry. Corrugated sheet metal is a tough material, light weight, weather resistant, and practical for many different uses. We specialize in manufacturing top quality corrugated materials for metal roofing, metal siding, corrugated metal decking, and corrugated metal flooring for almost any application.

<b>Material</b>	GI, GL, PPGI, PPGL
<b>Thickness</b>	0.13-0.8MM
<b>Length</b>	As your request
<b>Tolerance</b>	+/-0.02mm
<b>Zinc Coating</b>	40-275g/m <sup>2</sup>
<b>Surface treatment</b>	unoiil, dry, chromate passivated, non-chromate passivated
<b>Spangle</b>	regular spangle, minimal spangle, zero spangle, big spangle
<b>Popular Size</b>	Raw material 762mm to 680, 670, 660, 655, 650 mm(after corrugated) and 9 waves; Raw material 914mm to 815, 810, 790, 780mm(after corrugated) and 11 waves; Rawmaterial 1000mm to 930, 915, 910, 905, 900, 880, 875mm(after corrugated) and 12 or 14 waves

## PPGI Corrugated Plate



Corrugated color roof is a kind of lightweight, strong, and anti-corrosion building material. It is made of color coated steel and designed into different styles, such as wavy, trapezoidal ribbed, tile, etc. Also, our corrugated steel roofing sheets are available in many colors and sizes. Our color-coated roofing sheets are ideal for a wide range of applications, such as garages, industrial workshops, agricultural buildings, barns, garden sheds, etc. You can use it as a new roof, as well as an over-cladding of an existing roof.

<b>Standard:</b>	ASTM	<b>Thickness:</b>	0.11-4.75mm, 0.11-4.75mm
<b>Length:</b>	1400-1799mm, 1800-2000mm, 2001-3600mm, 3601-3660mm, 1.8-5meters or as client's request	<b>Width:</b>	600-1500 mm
<b>Grade:</b>	SGCC/CGCC/TDC51DZM/TDC52DT S350GD/TS550GD/DX51D+Z	<b>Certificate:</b>	CE, SNI, SONCAP, tisi, ISO9001, SGSBV
<b>Material:</b>	SGCC/CGCC/TDC51DZM/TDC52DT S350GD/TS550GD/DX51+Z	<b>Coating:</b>	Z41-Z60
<b>Zinc Coating:</b>	62g/m <sup>2</sup> -275g/m <sup>2</sup>	<b>Processing Service:</b>	Welding, Punching, Cutting, Bending, Decoiling
<b>Color:</b>	Red, blue, white or any other Ral Color	<b>Surface:</b>	galvanized coating
<b>Surface treatment:</b>	chromated, passivation treatment, oiling	<b>Shape:</b>	Wave