



**STEIRON**



Steel Product Profile

[www.steiron.com](http://www.steiron.com)



## About Us

STEIRON PTE LTD is an industrial and commercial company, a leader in the Asian markets and in constant growth that operates worldwide in the steel industry, building projects, engineering consulting and procurement processes for the oil industry. Founded in 2010 and we are headquartered in Singapore. STEIRON accounts, partnering with manufacturers throughout the world to supply the products to the construction and processing industries. STEIRON boasts business operations in over 54 countries throughout Asia, the Middle East, Africa and Americas.

## Supply Chain:

Our procurement team has extensive experience in the development of effective supplychain to reduce the cost of aquisition. With their knowledge, every detail is executed, including development of aquisition programs to all materials equipment, services, etc. Our team is also expert in outsourced services, examination of the capacity of subcontractors to comply with specifications of projects and schedule requirements, coordination of inspections, etc. Our company offers wide range of products and services for the construction industry.

## The STEIRON Spirit:

Our strength is what unites us. In STEIRON we combines the experience with the search for innovation and achievement of high yields. Our Staff is committed to our vision and motivate STEIRON spirit to their passion for excellence, innovation for the benefit of our clients, diversity and empowerment of each one of our team.

## Quality Control

All our cooperating steel mills are selected based on stringent quality requirements and a long working history. We work with some of the largest steel makers in China, S.Korea, Japan, Russia, India, Turkey, Hungary, Mexico, Brazil, etc., which enables us to deliver reliable and consistent material specifications and grades.

We provide Mill Test Certificates (MTC) and heat number information, which can be directly traceable with Mills for product quality testing and confirmation.



## **Stainless Steel**

Rolled Steel Products carrying a wide range of finishes and types in both 300-400 stainless steel coil and plates.

### **Features**

Corrosion Resistant | Poor conductor of electricity | Low maintenance | Magnetic (Ferritic and Martensitic) | Nonmagnetic (Austenitic)

### **Stainless Steel Sheets**

Material Type: 202/304/316L/310S/430  
Duplex 2101/2205/2507  
Standard: ASTM A240/A480  
Size: 4 x 8  
Thickness (MM) : 4,.5,.6,.7,.8,.9,1,1.2,1.3,1.4,  
1.5,1.8, 2,2.5,3

### **Stainless Steel Sheets**

Material Type: 202/304/316310S/430  
Duplex 2101/2205/2507  
Standard: ASTM A240/A480  
Thickness (MM) .4 - 1.8

### **Stainless Steel Plates**

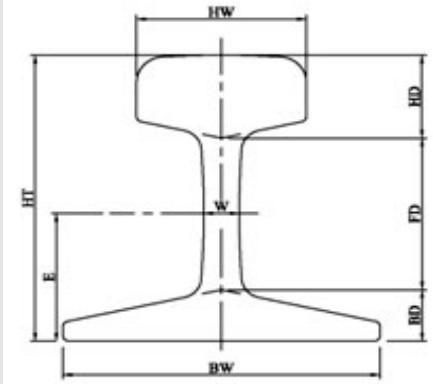
Material/Type: 202/304/316L/310S/430/  
Duplex 2101/2505/2507  
Standard: ASTM A240/A480  
1B Finish: Thickness: 2.5 - 50MM  
Perforated Plate Thickness: 3 - 6MM  
NO.4 Finish Thickness: 2.5 - 25MM

### **Specification Use/application**

GRADE 202	Metal FlooringMachine PlatformsStair ThreadsCatwalksRampsKitchen waresUtensilsIndoor Architecture
GRADE 304	Architecture, Decoration, Food and BreweryProcessing EquipmentsAuto ComponentsMedical EquipmentsPit CoversGuttersCar PlatePit Covers Filter BasketsSiftersStorage TanksPlatforms
GRADE 316L	Used for Corrosion Susceptible Environment Mechanical Component are Difficult to Make Heattreatment after formingInstallation along the seacoast Equipment for Food Paper, Dyes, Digesters, Fertilizer, Furnace Parts, Filters
GRADE 310S	Chemical Equipment, Heat Resistant Parts, Drying Equipment, Heat Exchangers, Petroleum Refinery, Burner Parts, Refractory support, Oven Linings, Basket and Trays, Food Industry in contact with hot acetic acid and citric acid
GRADE 430	Architecture Building, Window Frame, Decoration Household Electrical Appliance, Washing Machine, Drum, Gas Range Stove, Plate, House wares, Autmotive Trim
DUPLEX 2101	Storage Tanks, Water Heater Tanks, Chemical Process Vessels, Piping and Heat Exchangers, Water and Waste Water Treatment Industries
DUPLEX 2205	Pressure Vessel, Piping and Heat Exchanger for Handling Gas and Oil Cargo Tanks for ships and trucks Effluent Scrubbing System-Digesters
DUPLEX 2507	Container for Pulp and paper Industry Tube and Pipe System, Petrochemical Refineries, Desalination Plants

## Steel Rails

We supply steel rails produced in China.  
 The supplies are according to standards in Chinese, UIC860, AREMA, ASTM A1, BS11:1985, JIS, South African, Indian Standards Etc.  
 Reference standards: DN, EN, JIS, UIC, BS, GB  
 Type: Light, Medium and Heavy



Steel rail	Type	Cross section size				Cross-sectional area (cm²)	Weight(kg/m)	Grade
		Height	Width	Head width	Thickness			
light steel rail	8kg	65	54	25	7	10.76	8.42	55Q,50Q, Q235
	12kg	69.85	69.85	38.1	7.54	11.54	12.2	
	15kg	79.37	79.37	42.86	8.33	19.33	15.2	
	18kg	90	80	40	10	23.07	18.06	
	22kg	93.66	93.66	50.8	10.72	28.39	22.3	
	24kg	107	92	51	10.9	31.24	24.46	
	30kg	107.95	107.95	60.33	12.3	38.32	30.1	
heavy rail	38kg	134	114	68	13	49.5	38.733	45Mn,50Mn,U71Mn ,U71Mnx,U75VX
	43kg	140	114	70	14.5	57	44.653	
	50kg	152	132	70	15.5	65.8	51.514	
	60kg	176	150	73	16.5	77.45	60.64	
	70kg	120	120	70	28	67.3	52.8	
crane	80kg	130	130	80	32	81.13	63.69	
	100kg	150	150	100	38	113.32	88.96	
	120kg	170	170	120	44	150.44	118.1	



## Steel Sheet Pile

STEIRON supplies Hot Rolled Steel Sheet Pile from China according to Chinese, Japanese and European standard. We are a marketing partner for one of the prestigious rolling mill in China to market Steel Sheet Pile.

### Features

European & Japanese Standard U-shaped Hot Rolled Steel Sheet Pile

### European Standard U-shaped Steel Sheet Pile

Sizes: SPU601, 602, 603, 604, 605, 606A, 18-1, 22-1, 28, 32, 16, 20, & 25  
Length - 12mtr

### Japanese Standard U-shaped Hot Rolled Steel Sheet Pile

Standard : JIS A 5523 / JIS A 5528  
Sizes: SPU-I, II, III, IIIA, IV, VL, VIL, IIw, IIIw, IVw  
Length - 12mtr



## Hot Rolled Steel

STEIRON has a capacity of supplying up to 300,000 tons Hot Rolled Steel Coils a year produced from China. We have resources to supply Hot Rolled Steel from 1.20mm to 100mm thickness with coil/sheet/ plates width of 600mm to 3000mm depending on the thickness of the material and the standards available are SS400B, Q235B, Q345B, S235r, ASTM A36B, etc.



# SHIP STEEL PLATES



Steel Grades / Specifications

牌号/钢级 Grades		标 准 Specifications	规 格 范 围 (mm) Size	交货状态 Delivery condition
一般强度 Normal strength	A (Z25/Z35)	九国船级社船规 Ship specification	6-50	AR
	B (Z25/Z35)		50-80	CR
	D (Z25/Z35)		6-80	CR/N
	E (Z25/Z35)		6-80	N
			6-70	TMCP
高强度 High strength	AH32 (Z25/Z35) DH32 (Z25/Z35)	九国船级社船规 Ship specification	6-80	CR/N
	AH36 (Z25/Z35) DH36 (Z25/Z35)		≤200	N
	EH32 (Z25/Z35) EH36 (Z25/Z35)	九国船级社船规 Ship specification	8-70	TMCP
	AH32 (Z25/Z35) DH32 (Z25/Z35)		8-60	TMCP
	AH36 (Z25/Z35) DH36 (Z25/Z35)			
超高强度 Extra high strength	EH32 (Z25/Z35) EH36 (Z25/Z35)	九国船级社船规 Ship specification		
	F36 (Z25/Z35) A40 (Z25/Z35)			
	D40 (Z25/Z35) E40 (Z25/Z35)			
API	F40 (Z25/Z35)			
	E460 (Z25/Z35)	九国船级社船规 Ship specification	6-60	TMCP
	E460 (Z25/Z35)		6-100	QT
	E550 (Z25/Z35)			
	E690 (Z25/Z35)			
API	API 2W-42、60	API Spec 2H-2006	6-100	N
	API 2W-50、60	API Spec 2w-2006	8-60	TMCP
	API 2Y-50、60	API Spec 2Y-2006	10-100	QT



## Reinforcement Bars

STEIRON has excellent resources in rebar supply from China, and other origins. We have our own strength and capacity to serve construction industry with annually over 300,000 tons steel reinforcement bars.

We have excellent quality control facility and according to customers requirements we can customize the shipment with complete size mix of rebars. Non-standard rebar sizes are available on request, subject to order quantity and production schedules.

## Features

Specifications: Standard: BS, GB, ASTM, JIS, AISI Grade: BS4449, ASTM165, HRB335, HRB400, HRB500 Diameter: 6, 8, 10, 12, 14, 16, 18, 20, 22, 25, 28, 32 Length: 9m, 12m or in Coils (for specific size) Material: 20MnSi  
Application: Construction



## Cold Rolled Annealed Steel

STEIRON supplies Bright&black annealed COLD ROLLED STEEL COIL/CRC  
Annual supply capacity - 200,000 Tons  
Characteristics of the product  
Product Application : Package, Coating, Pipes and other Processings:

## Features

Thickness : 0.18mm~3.00mm Width : 680mm~2000mm/1000/1010/1200/1219/1250 Finish : Bright/ Dull/ Black Coil ID : 508mm Coil Weight : 512mm  
Packing : As per client's requirements  
Grade: Q195, SPCC, SAE





## Cold Rolled Steel Coils

Cold rolled steel coils /sheets:

1)Material:JIS G3141-1996 JFS A2001-1998 EN 10130-1999 DIN 1623-1983 ASTM A1008-02el GB/T 5213-2001 ISO 3574-1994  
SPCC SPCC-1B DC01 BLC SPCC-SD JSC270C DC01 St12 CS - CR1  
SPCD DC03 BLD SPCD JSC270D DC03 RRSt13 DS - CR2  
SPCE DC04 BUSD SPCE JSC270E DC04 St14 DDS SC1 CR3  
SPCE DC05 BUFD SPCEN JSC270F DC05 - EDDS SC2 CR4 - DC06 BSUFD - JSC260G DC06 -- SC3 CR5

## Features

Thickness 0.3---2.5mm Width; 600mm-2000mm Length:  
As request Coil weight: 3-9ton Application: Stamping press / home appliances / automotive industry / engineering industry / construction/deep drawing cold rolled

2)Thickness 0.3---2.5mm

Width; 600mm-2000mm

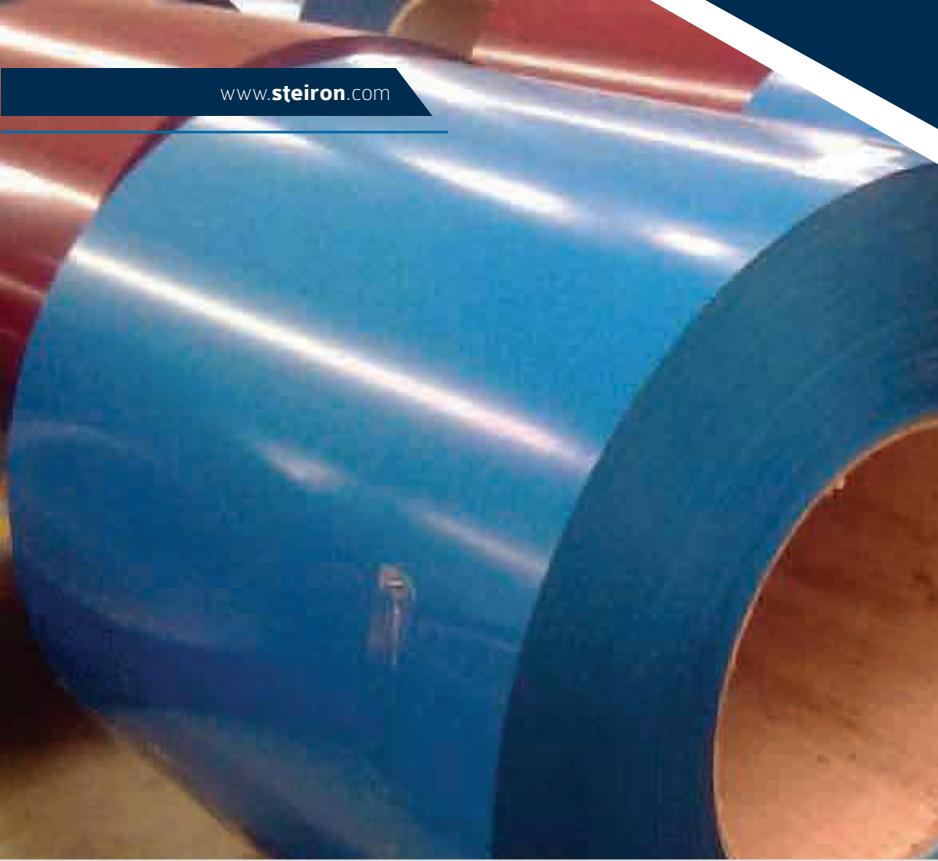
Length: As request

3)Surface treatment bright annealing / black finish / slit edge or as you require

4)Coil weight: 3-9ton

5)Application: Stamping press / home appliances / automotive industry / engineering industry / construction/deep drawing cold rolled





## PPGI Coils

### Pre-painted Steel coil and sheets (PPGI)

1. Base Metal: Hot dipped galvanized steel in coils, hot dipped galvalume steel in coils, zinc-silicon coated steel in coils
2. Thickness: 0.125mm-1.5mm
3. Width: 700mm-1250mm
4. Coil Weight: 3-5Ton
5. Coil ID: 508mm-610mm
6. Color: All RAL colors (standard international color) or customers samples color
7. Zinc-coating: 60g/m<sup>2</sup>-140g/m<sup>2</sup>
8. Tolerance: Thickness: +/-0.02mm, Width: +/-2mm
9. Packing: Standard export package
10. Tensile strength is over 30kg/
11. Tolerance: ±10%
12. The combining force between the galvanized steel and the paint is very strong

13. They are mainly applied for construction, solar water heater, household appliances, interior decoration, refrigerator, furniture, transportation and other industries  
Our advanced production lines guarantees high and stable quality, in addition to competitive price, good reputation and excellent after-sales service.

## Features

Color: All RAL colors (standard international color) or customers samples color Zinc-coating: 60g/m<sup>2</sup>-140g/m<sup>2</sup> Tolerance: Thickness: +/-0.02mm, Width: +/-2mm Packing: Standard export package Tensile strength is over 30kg/

## **Hot Dipped Galvanized Coils**

### **Features**

Regular spangle, Minimized spangle, Zero spangle, bright spangle Surface chemical processing: chromate, un-chromate passivation and oiled or unoiled.

### **Hot dip Galvanize steel coils/sheets(GI)**

JIS G3302 SGCC,SGCH,SGC340,SGC440,SGC490,S-GC570;

ASTM A653M CS TYPE A/B/C,SS 30,SS255,SS275,SS340, SS550;

EN10142,DX51D+Z,DX52D+Z,DX53D+Z,DX54D+Z;

EN10147,S220GD+Z,S250GD+Z,S280GD+Z,S320GD+Z,

S350GD+Z,S550GD+Z.



## SECTION 5 EQUAL LEG ANGLES

Table 5.1 Nominal Dimensions, Mass and Sectional Properties of Indian Standard Equal Leg Angles

**Hot Rolled Steel Angle**

Standard : ASTM, BS, DIN, GB, JIS

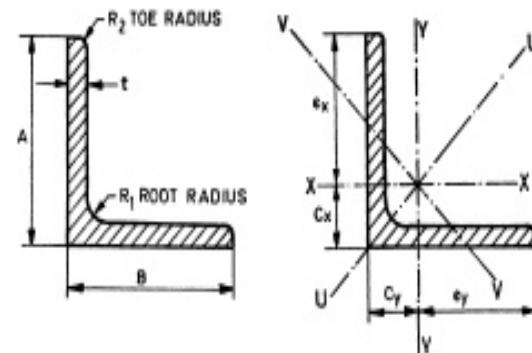
Dimensions: 15mm\*15mm-200mm\*200mm

Grade : Q235/SH400/ASTM A36/ Q345

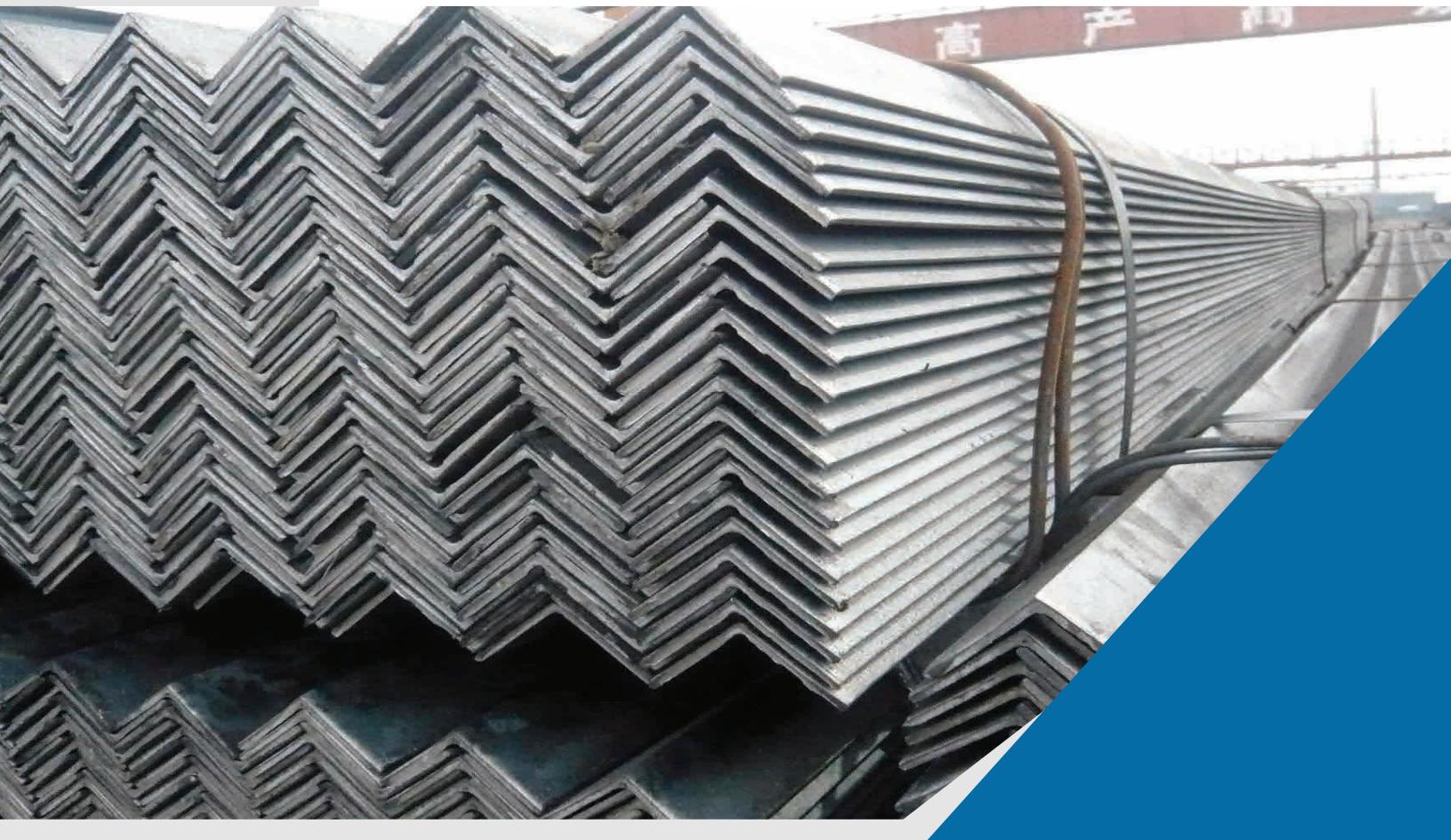
Type : Equal &amp; UnEqual

Application : Construction Industry

length : 6-12m



Designation D	Mass M Kg/m	Sectional area, $\alpha$ Cm <sup>2</sup>	Dimensions								Sectional Properties									
			AxB mmxmm		t mm	R <sub>1</sub> mm	R <sub>2</sub> mm	C <sub>x</sub> cm	C <sub>y</sub> cm	I <sub>x</sub> cm <sup>4</sup>	I <sub>y</sub> cm <sup>4</sup>	I <sub>d</sub> (Max) cm <sup>4</sup>	I <sub>d</sub> (Min) cm <sup>4</sup>	r <sub>x</sub> cm	r <sub>y</sub> cm	r <sub>d</sub> (Max) cm	r <sub>d</sub> (Min) cm	Z <sub>x</sub> cm <sup>3</sup>	Z <sub>y</sub> cm <sup>3</sup>	
			A mm	B mm																
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)		
∠ 20 20 x 3	0.9	1.12	20x20	3.0	4.0	0.59	0.39	0.4	0.4	0.6	0.2	0.58	0.58	0.73	0.37	0.3	0.3			
x 4	1.1	1.45		4.0		0.63	0.63	0.5	0.5	0.8	0.2	0.58	0.58	0.72	0.37	0.4	0.4			
∠ 25 25 x 3	1.1	1.41	25x25	3.0	4.5	0.71	0.71	0.8	0.8	1.2	0.3	0.73	0.73	0.93	0.47	0.4	0.4			
x 4	1.4	1.84		4.0		0.75	0.75	1.0	1.0	1.6	0.4	0.73	0.73	0.91	0.47	0.6	0.6			
x 5	1.8	2.25		5.0		0.79	0.79	1.2	1.2	1.8	0.5	0.72	0.72	0.91	0.47	0.7	0.7			
∠ 30 30 x 3	1.4	1.73	30x30	3.0	5.0	0.83	0.83	1.4	1.4	2.2	0.6	0.89	0.89	1.13	0.57	0.6	0.6			
x 4	1.8	2.26		4.0		0.87	0.87	1.8	1.8	2.8	0.7	0.89	0.89	1.12	0.57	0.8	0.8			
x 5	2.2	2.77		5.0		0.92	0.92	2.1	2.1	3.4	0.9	0.88	0.88	1.11	0.57	1.0	1.0			
∠ 35 35 x 3	1.6	2.03	35x35	3.0	5.0	0.95	0.95	2.3	2.3	3.6	0.9	1.05	1.05	1.33	0.67	0.9	0.9			
x 4	2.1	2.66		4.0		1.00	1.00	2.9	2.9	4.7	1.2	1.05	1.05	1.32	0.67	1.2	1.2			
x 5	2.6	3.27		5.0		1.04	1.04	3.5	3.5	5.6	1.5	1.04	1.04	1.31	0.67	1.4	1.4			
x 6	3.0	3.86		6.0		1.08	1.08	4.1	4.1	6.5	1.7	1.03	1.03	1.29	0.67	1.7	1.7			
∠ 40 40 x 3	1.8	2.34	40x40	3.0	5.5	1.08	1.08	3.4	3.4	5.5	1.4	1.21	1.21	1.54	0.77	1.2	1.2			
x 4	2.4	3.07		4.0		1.12	1.12	4.5	4.5	7.1	1.8	1.21	1.21	1.53	0.77	1.6	1.6			
x 5	3.0	3.78		5.0		1.16	1.16	5.4	5.4	8.6	2.2	1.20	1.20	1.51	0.77	1.9	1.9			
x 6	3.5	4.47		6.0		1.20	1.20	6.3	6.3	10.0	2.6	1.19	1.19	1.50	0.77	2.3	2.3			
∠ 45 45 x 3	2.1	2.64	45x45	3.0	5.5	1.20	1.20	5.0	5.0	8.0	2.0	1.38	1.38	1.74	0.87	1.5	1.5			
x 4	2.7	3.47		4.0		1.25	1.25	6.5	6.5	10.4	2.6	1.37	1.37	1.73	0.87	2.0	2.0			
x 5	3.4	4.28		5.0		1.29	1.29	7.9	7.9	12.6	3.2	1.36	1.36	1.72	0.87	2.5	2.5			
x 6	4.0	5.07		6.0		1.33	1.33	9.2	9.2	14.6	3.8	1.35	1.35	1.70	0.87	2.9	2.9			

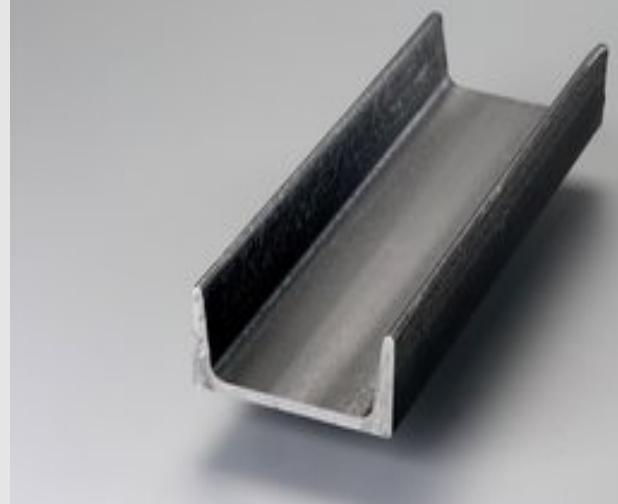


## HOT ROLLED STEEL CHANNEL

Steel Channel bar is ideal for all structural applications where greater strength and superior corrosion resistance is required. Commonly used for all types of steel fabrication projects that are exposed to various environments.

### Features

- 1) Length:6-12m 2) Size:50-320mm, 3) Thickness: 3.5-13mm 4) Grade: Q235 5) Application: Construction/ Building/ Automotive Industries



### Specifications

- 1) Length:6-12m
- 2) Size:50-320mm,
- 3) Thickness: 4.5-8mm
- 4) Grade: Q235, Q345, A36, SS400
- 5) Application: Construction/ Building/ Automotive and Ship Building Industries



## Mild Steel Pipes

- 1) Shape:Round
- 2) OD:20-400mm
- 3) WT:0.5-20mm
- 4) Length:2-12m
- 5) Application: Construction/ Building/ Automotive/ Oil/ Gas industries
- 6) Standard: ASTM/ JIS/ GB

### Features

- 1) Shape:Round 2) OD:20-400mm 3) WT:0.5-20mm 4) Length:2-12m 5) Application: Construction/ Building/ Automotive/ Oil/ Gas industries 6) Standard: ASTM/ JIS/ GB

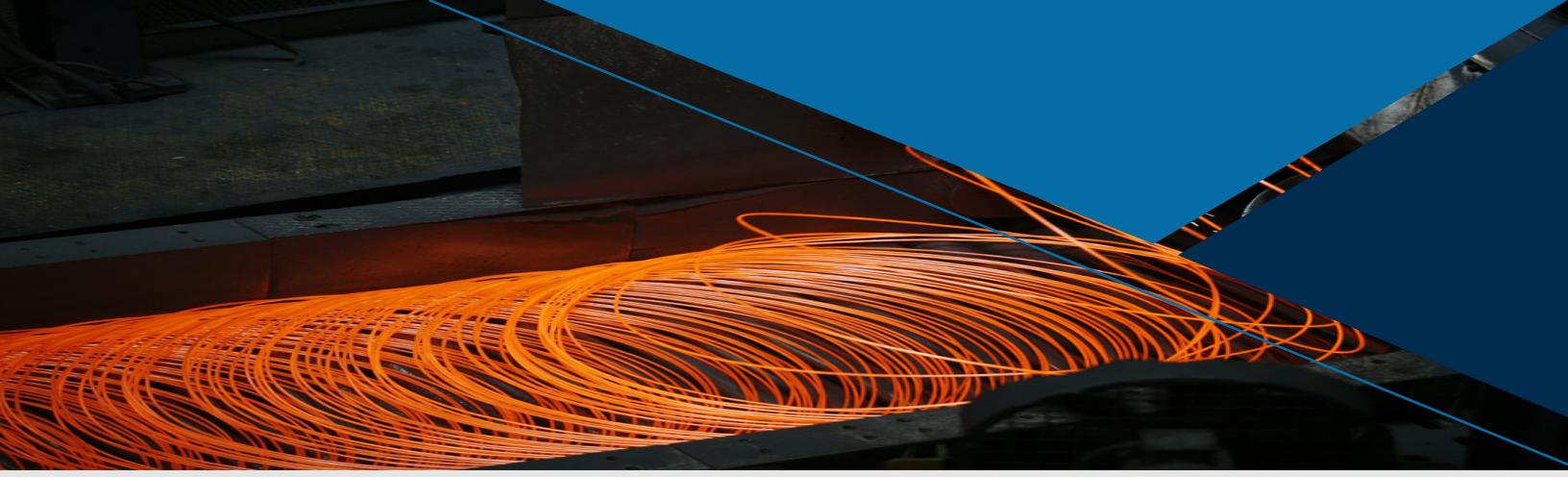


## Mild Steel Flat Bar

We have established very high quality Flat Steel Bar supply from China, Turkey and Eastern European Mills and exporting to global markets.

- 1) Material: Q235, SS400, etc
  - 2) Size: 12mm-150mm
  - 3) Length: 6mm~12Mtr
- Average steel stock: 20,000MT  
Yearly Production Capacity: 300,000MT





## Mild Steel Wire Rods

We are exporting quality Mild Steel Wire Rods out of China with highly competitive prices. We have options to export Standard MS Wire Rods and Alloy added wire rods as per customer specifications.

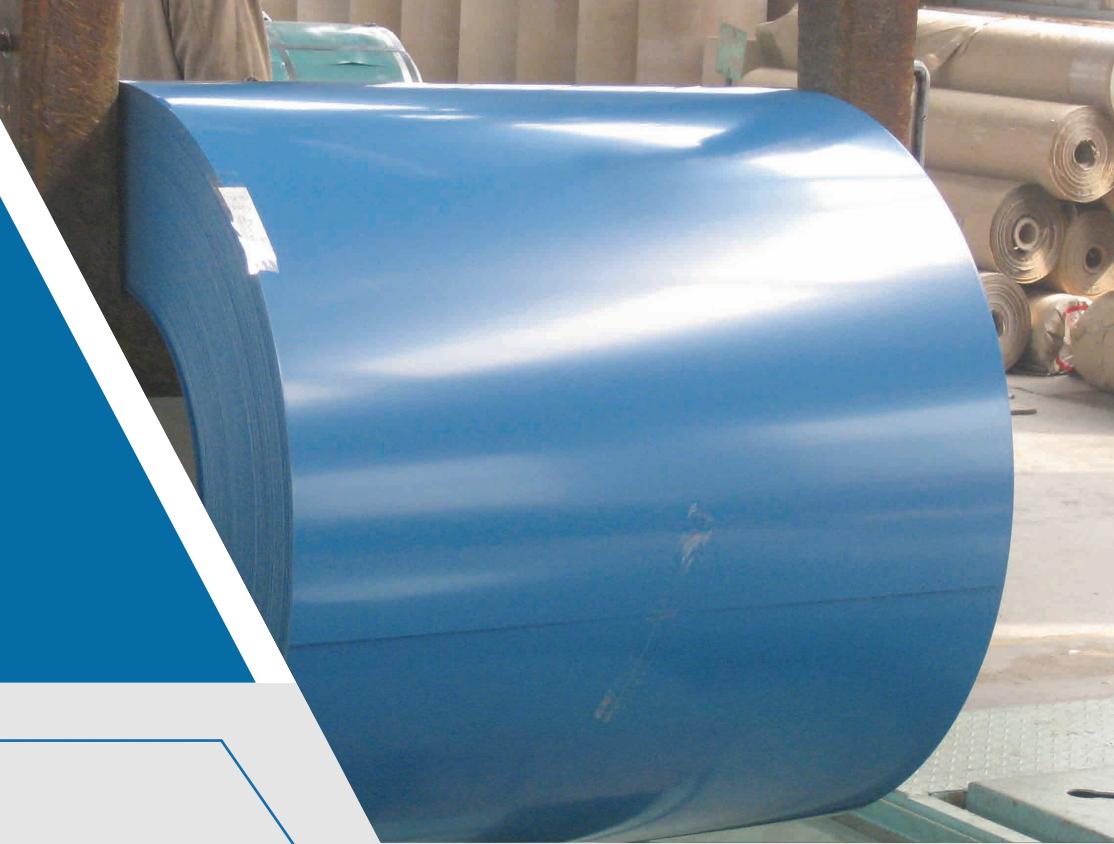
### Specifications:

- 1.Diameter:5.5mm-12mm
- 2.Material:Q195-235; SAE1006-SAE1018
- 3.Surface:Round, No Twisted, Light and Smooth
- 4.Coil weight:1.8-2.1ton
- 5.Coil OD:1.1M
- 6.Applications: Wire drawing, Mesh, Welding Electrode, Nail, etc

### Features

- Specifications:
- 1.Diameter:5.5mm-12mm
  - 2.Material:Q195-235; SAE1006-SAE1018
  - 3.Surface:Round, No Twisted, Light and Smooth
  - 4.Coil weight:1.8-2.1ton
  - 5.Coil OD:1.1M
  - 6.Applications: Wire drawing, Mesh, Welding Electrode, Nail, etc





## PPGL Coils

Standard: AISI, ASTM, BS, DIN, GB, JIS

Grade: DX51D+AZ, SGLCC

Thickness: 0.18-1.5mm

Type: Steel Coil

Technique: Color coated/galvanized/galvalume

Surface Treatment: color coated/galvanized/galvalume

Application: Widely used in construction, home appliance, decoration, etc.

Special Use: Wear Resistant Steel

Width: 914-1250mm

Length: Coil prepainted steel coil:

PPGL coil color: white, green, red and grey etc

## Packaging & Delivery

Packaging Details: Standard seaworthy export packing. Other types of packing can be customized as per client's requirements.

Delivery Detail: 7-30 days.

Specifications

PPGL coil

MOQ: 25MTS

Supply Ability : 5000mts per month

## Features

Standard: AISI, ASTM, BS, DIN, GB, JIS

Grade: DX51D+AZ, SGLCC

Thickness: 0.18-1.5mm



## Steel Billets

### Square Steel Billets Sp 2Sp 3sp Sp & 5sp Grade

#### Specifications

#### Square steel billets

1) We procure world class quality steel billets which meets the specific requirements of the clients  
The Billets produced by the company can be broadly divided into three main types i.e.

- 1) M.S. Billets
- 2) CRS Billets
- 3) Special Alloy Billets

**M.S. Billets** are used for rolling of TMT Re-Bars of Fe415 and Fe500 Grade and various other structural steel products.

**CRS Billets** are used for rolling of CRS TMT Re-Bars.

**Special Alloy Billets** are used for rolling of any special grade TMT Re-Bars like Earthquake resistant TMT Re-Bars and for special grade structural steel products.

The following are the sizes of Billets available: 100 X 100 125 X 125 150 X 150

#### Physical Properties:

Description	As per IS 2830	STEIRON Billets
Bend (max.)	5 mm per meter	$\geq$ 5 mm per meter
Carbon (max.)	3mm per meter	$\geq$ 3 mm per meter
Length	3 mt - 13 mt	3 mt - 9 mt

Billets of different designations are manufactured in three different grades namely A, B, C having sulphur, phosphorous content (on ladle analysis) and carbon equivalent as follows:

#### Chemical Analysis:

Grade	Sulphur	Phosphorous	Carbon Equivalent (CE)1
	Max	Max	Max
A	0.05	0.05	0.42
B	0.045	0.045	0.41
C	0.04	0.04	0.39

#### Chemical Properties: Ladle Analysis:

Description	As per IS 2830	STEIRON Billets
C15	0.12-0.18	0.30-0.60
C18	0.15-0.21	0.30-0.60
C20	0.17-0.23	0.30-0.60
C15 MMn	0.12-0.18	0.60-1.00
C18 MMn	0.15-0.21	0.60-1.00
C20 MMn	0.17-0.23	0.60-1.00
C15 HMn	0.12-0.18	1.00-1.50
C18 HMn	0.15-0.21	1.00-1.50
C20 HMn	0.17-0.23	1.00-1.50

## Pre Galvanized Round Tube/ GI Tube

Specifications:

Outer Diameter (inch)	Wall Thickness (mm)
1/2"	0.5-1.9
3/4"	0.6-2.2
1"	0.6-2.2
1-1/4"	0.6-2.2
1-1/2"	0.6-2.2
2"	0.6-2.2
2-1/2"	0.6-2.3
3"	0.6-2.3
4"	0.6-2.3
5"	0.6-2.3
6"	0.6-2.3
8"	0.7-2.5





### Pre Galvanized Square Tube/GI Tube

Outer Diameter (mm)	Wall Thickness (mm)
10*10	0.5-1.8
12*12	0.5-1.8
15*15*	0.5-1.8
16*16	0.5-1.8
17*17	0.5-1.8
18*18	0.5-1.8
19*19	0.5-1.8
20*20	0.5-1.8
21*21	0.5-1.8
22*22	0.5-1.8
24*24	0.5-1.8
25*25	0.5-1.8
25.4*25.4	0.5-1.8

Outer Diameter (mm)	Wall Thickness (mm)
28*28	0.5-1.8
28.6*28.6	0.5-1.8
30*30	0.5-1.8
32*32	0.5-1.8
35*35	0.5-1.8
37*37	0.5-1.8
38*38	0.5-1.8
40*40	0.5-2.3
45*45	0.5-2.3
48*48	0.5-2.3
50*50	0.5-2.3
60*60	0.5-2.3
-	0.5-2.3

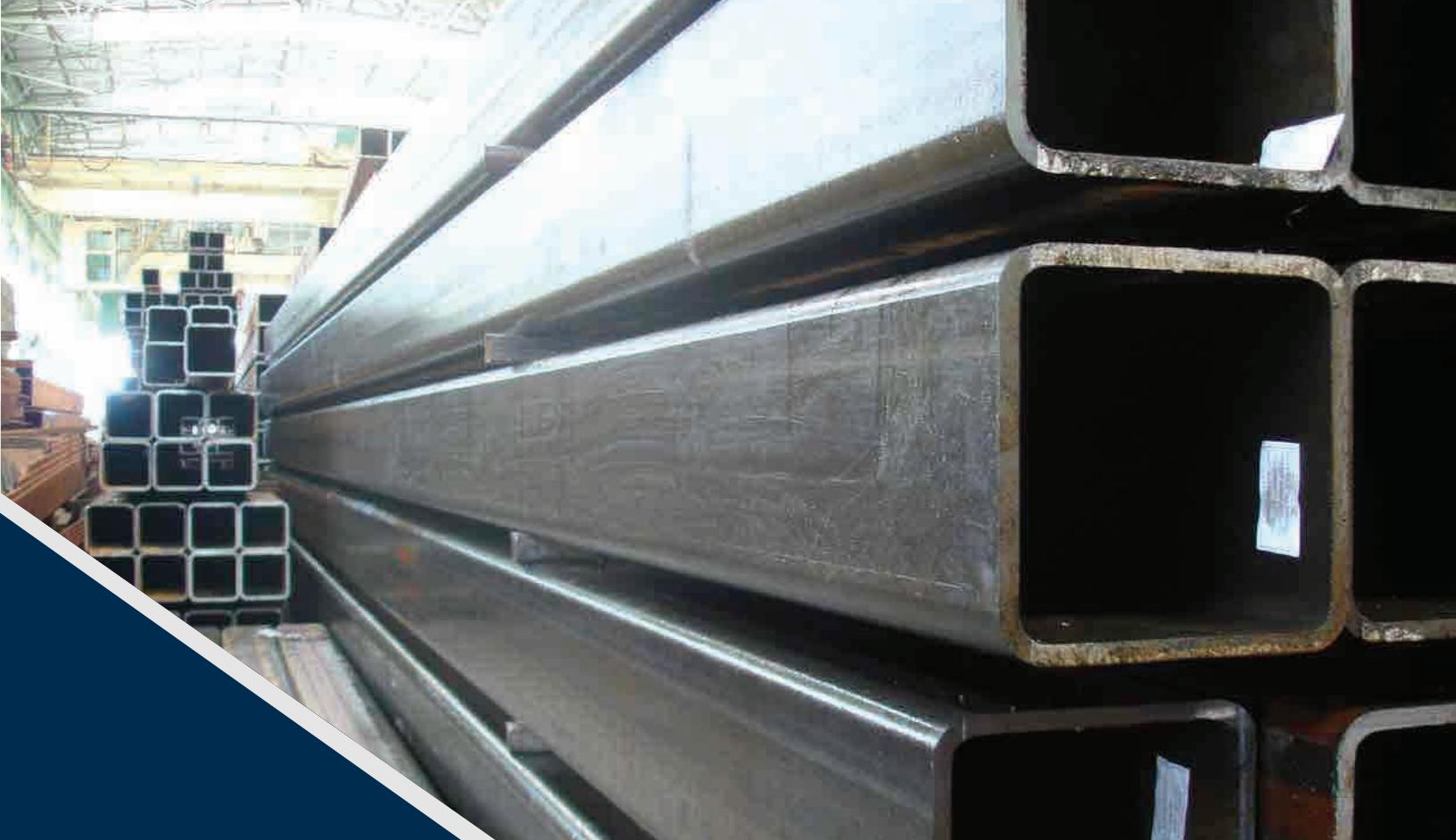




## Pre Galvanized Rectangular Tube/GI Tube

Outer Diameter (mm)	Wall Thickness (mm)
6*10	0.5-1.8
8*16	0.5-1.8
8*18	0.5-1.8
10*18	0.5-1.8
10*20	0.5-1.8
10*22	0.5-1.8
10*30	0.5-1.8
11*21.5	0.5-1.8
11.6*17.8	0.5-1.8
12*14	0.5-1.8
12*34	0.5-1.8
12.3*25.4	0.5-1.8
13*23	0.5-1.8
13*38	0.5-1.8
14*20	0.5-1.8
15*30	0.5-1.8
15*65	0.5-1.8
15*88	0.5-1.8
15.5*25.5	0.5-1.8
14*20	0.5-1.8

Outer Diameter (mm)	Wall Thickness (mm)
15.5*35.5	0.5-2.3
16*26	0.5-2.3
16*32	0.5-2.3
17.5*15.5	0.5-2.3
17*35	0.5-2.3
19*38	0.5-2.3
20*30	0.5-2.3
20*40	0.5-2.3
25*38	0.5-2.3
25*30	0.5-2.3
25*40	0.5-2.3
25*50	0.5-2.3
27*40	0.5-2.3
30*40	0.5-2.3
30*50	0.5-2.3
30*60	0.5-2.3
30*70	0.5-2.3
30*90	0.5-2.3
35*78	0.5-2.3



## Black Square Tube/Hollow Section

Outer Diameter (mm)	Wall Thickness (mm)
12*12	0.4-1.5
16*16	0.4-1.5
18*18	0.4-1.5
20*20	0.4-1.5
25*25	0.6*2.0
30*30	0.6*4.0
35*35	1.0-4.0
38*38	1.0-4.0
40*40	1.0-4.5
45*45	1.0*5.0
50*50	1.0*5.0
60*60	1.5-5.0
70*70	2.0-6.0
75*75	2.0-6.0
80*80	2.0-8.0
100*100	2.0-8.0

Outer Diameter (mm)	Wall Thickness (mm)
120*120	4.0-8.0
150*150	6.0-10.0
180*180	6.0-14.0
200*200	6.0-14.0
220*220	6.0-14.0
250*250	6.0-14.0
280*280	6.0-14.0
300*300	6.0-14.0
320*320	6.0-14.0
350*350	8.0-14.0
380*380	8.0-14.0
400*400	8.0-14.0
420*420	10.0-14.0
450*450	10.0-14.0
480*480	10.0-14.0
500*500	10.0-14.0



# API SEAMLESS STEEL PIPES

Standard	Grade	Application
API 5L(PSL1,PSL2) 01-SAMSS-035,01-SAMSS-022	A,B,X42,X46,X52,X56,X60, X65,X70,X80	Transmission of petroleum & natural gas
ASTM A53/ASTM SA53 ASTM A106/ASTM SA106	A,B A,B,C	Transmission of low-pressure water, coal gas, air, oil & steam
Triple Standards: API 5L/ASTM A53/ASTM A106	B	Transmission of low-pressure water, coal gas, air, oil & steam
DIN 1629	ST37.0,ST44.0,ST52.0	Regular line pipe
JIS G3454	STPG370,STPG410	Pressure pipe,100kg/m <sup>2</sup> (-10°C~350°C)
JIS G3455	STS370,STS410,STS480	High pressure pipe,100-1000 kg/m <sup>2</sup> (-10°C~350°C)
JIS G3456	STS370,STS410,STS480	High pressure pipe,350°C~400°C
CAN/CSA Z245.1	172,207,241,291,317,259, 414,448,483,550	Transmission of oil & natural gas



## Hot Dip Galvanized Steel Pipe/ GI Pipe



### Specification:

Outer Diameter (inch)	Wall Thickness (mm)
1/2"	1.4-2.75
3/4"	1.4-2.75
1"	1.4-3.5
1-1/4"	1.4-3.5
1-1/2"	1.4-3.75
2"	1.4-4.0
2-1/2"	1.4-5.75
3"	1.4-7.5
4"	1.4-7.75
5"	1.4-7.75
6"	1.4-7.75
8"	2.75-11.75



## Hot Dip Galvanized Square Steel Tube

<b>Outer Diameter (inch)</b>	<b>Wall Thickness (mm)</b>
15*15	0.6-1.2
18*18	0.6-1.2
19*19	0.6-1.5
20*20	0.6-1.5
22*22	0.7-1.5
25*25	0.6-2.0
30*30	0.7-3.0
32*32	0.8-1.5
38*38	0.6-2.0
40*40	0.7-2.0
45*45	0.6-2.0
50*50	0.8-3.0
60*60	0.8-4.0
80*80	1.4-4.0

<b>Outer Diameter (inch)</b>	<b>Wall Thickness (mm)</b>
70*70	0.5-2.5
75*75	0.5-2.5
80*80	1.4-6.0
100*100	1.2-6.0
110*110	1.2-6.0
120*120	1.2-6.0
130*130	1.2-6.0
140*140	4.0-8.0
150*150	4.0-8.0
160*160	4.0-8.0
170*170	4.0-8.0
180*180	4.0-8.0
190*190	4.0-10.0
200*200	4.0-10.0



## Galvanized & PrePainted Roofing

We are a producer and service provider of an extensive variety of Roofing Material.

We offers critical solutions for wall and roof cladding.

Our products are user-friendly, resistant to corrosion and requires minimum maintenance.

Our Product range includes, Roofing Sheets, Decking Sheets, Corrugated Sheets and Roofing Materials.

Available in different lengths, colors and sizes, these are used in various fields like conservatories,

Industrial roofing, warehouse, terrace coverings, swimming pool covers and much more.



### Specification:

Feature: Wear Resisting, Corrugated, High Temperature Resistance

Size: Customized

Surface Treatment: Galvanised, Coated, Color Coated

Manufacturing Technique: Cold Rolled

Features: Water Proof

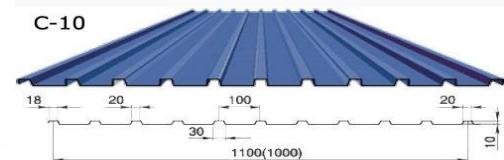
Thickness: 0.12-1 mm, 1-2 mm, 4-5 mm

Area of Application Commercial

Color: As per customer

Material: Steel

Brand: OEM Available



# HIGHWAY GUARDRAIL SYSTEM

[www.steiron.com](http://www.steiron.com)

We produce & supply high quality Highway Guardrails for various markets.  
Highway guardrail is a strong metal bar along the side of  
the road that prevents vehicles from driving off the road.

## Key Features:

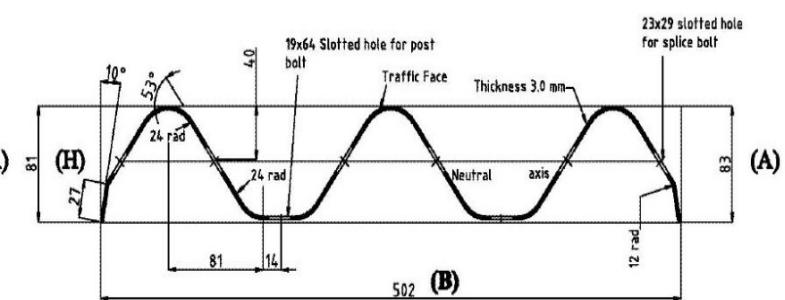
### 1) Normal size

- A) Length: 3,200/3,810/4,000/4,300/4,320mm or Customised
- B) Width: 306/310/312/380mm
- C) Thickness: 2.75, 3, 4mm
- D) Coating: 80, 82, 83, 85mm or Customised Zn coating

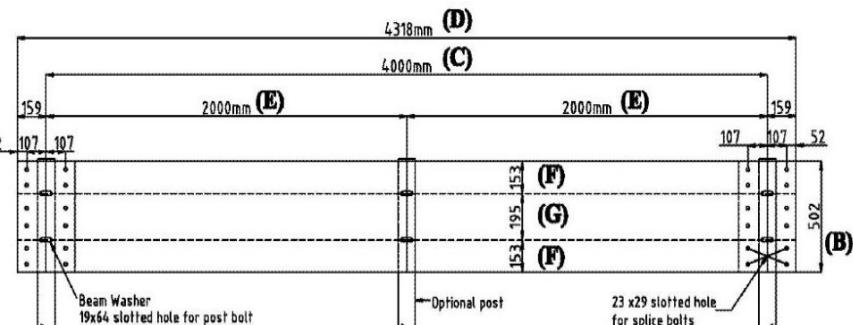
### 2) Profile: W-beam, three beam

### 3) Application:

- A) JT, T28-1995 (corrugated sheet steel beam for expressway guardrail)
- B) AA SHTO M-180 (corrugated sheet steel beam for Western Markets)
- C) RAL-RG620 -German or any other international standard
- 4) Base steel: steel grade-Q235B equivalent to S235JR according to DIN EN 10025 and Gr-D according to ASTM A283M) or Q345 (S355JR/ASTM A529M 1994)
- 5) Thickness of the steel: 3mm, 4mm, 6mm or according to customer's request
- 6) Surface treatment: hot-dip galvanized or powder coated



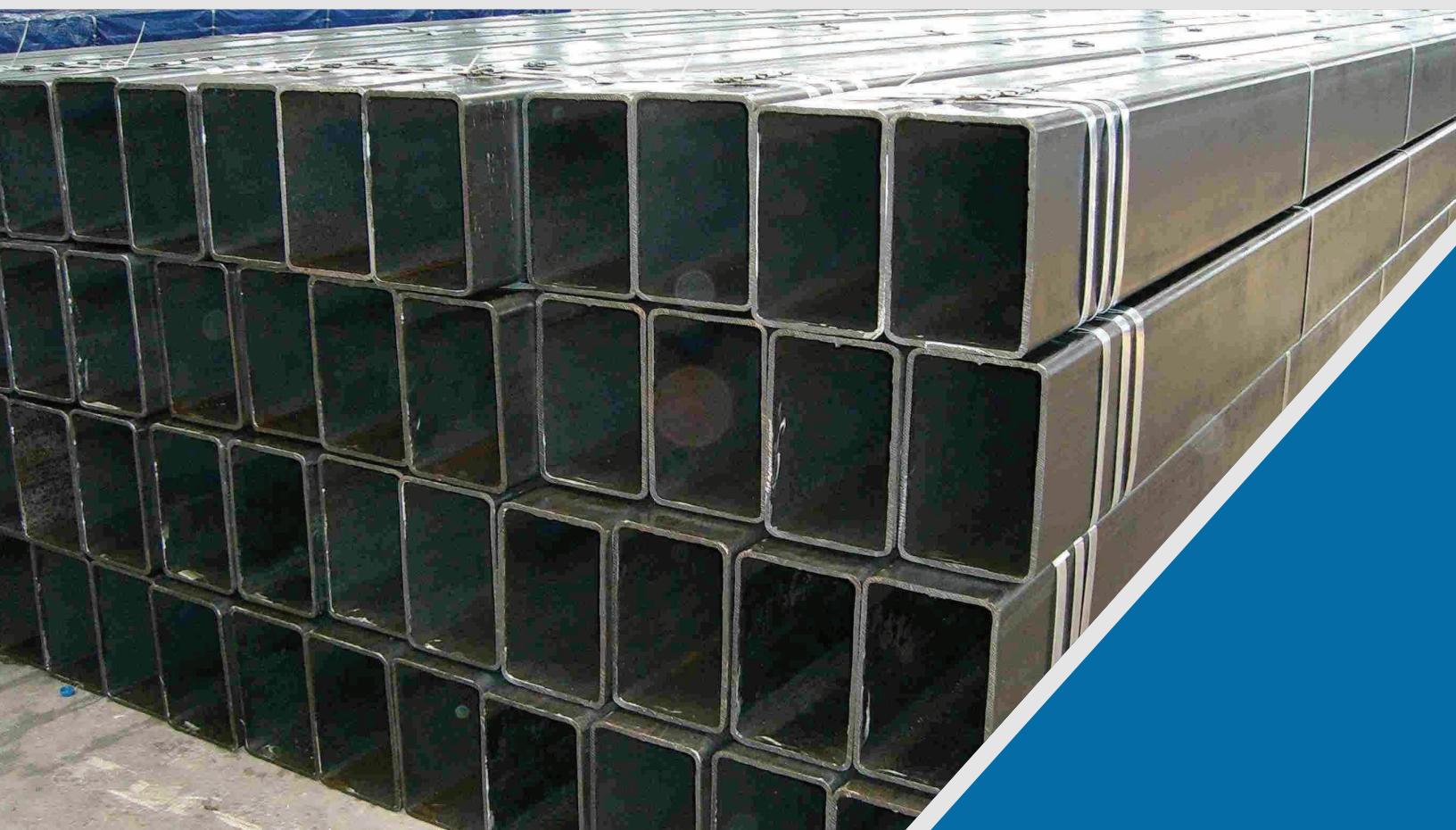
TYPICAL RAIL SECTION



## Hot Rolled Steel Hollow Square Sections

Outer Diameter (mm)	Wall Thickness (mm)
20*30	1.0-3.0
20*40	1.2-3.0
25*40	1.2-3.0
25*50	1.2-5.0
30*40	1.2-3.0
30*50	1.2-5.0
30*60	1.2-5.0
40*50	1.2-6.0
40*60	1.2-6.0
40*80	1.2-6.0
40*100	1.3-6.0
50*70	1.3-6.0
50*100	1.5-5.75
50*120	1.5-5.75
60*80	1.3-6.0
60*90	1.5-5.75

Outer Diameter (mm)	Wall Thickness (mm)
75*125	1.5-6.0
80*100	1.5-5.75
80*120	1.5-6.0
100*150	2.5-15
140*80	2.5-15
200*60	4
200*70	6.0-6.05
200*100	2.5-15
200*150	2.5-11.5
200*300	4.5-11.75
250*100	2.5-11.75
250*150	3.0-15
300*100	3.5-15
300*150	3.0-15
400*100	3.0-13.5
400*200	5.75-11.75



## STEEL BEAMS

We supply steel beams to all downstream industries and structural construction operations. We supply Wide Flange Steel Beams, H Beams, measured in SI (metric) units

Size: 100x 50mm to 900 x 300mm

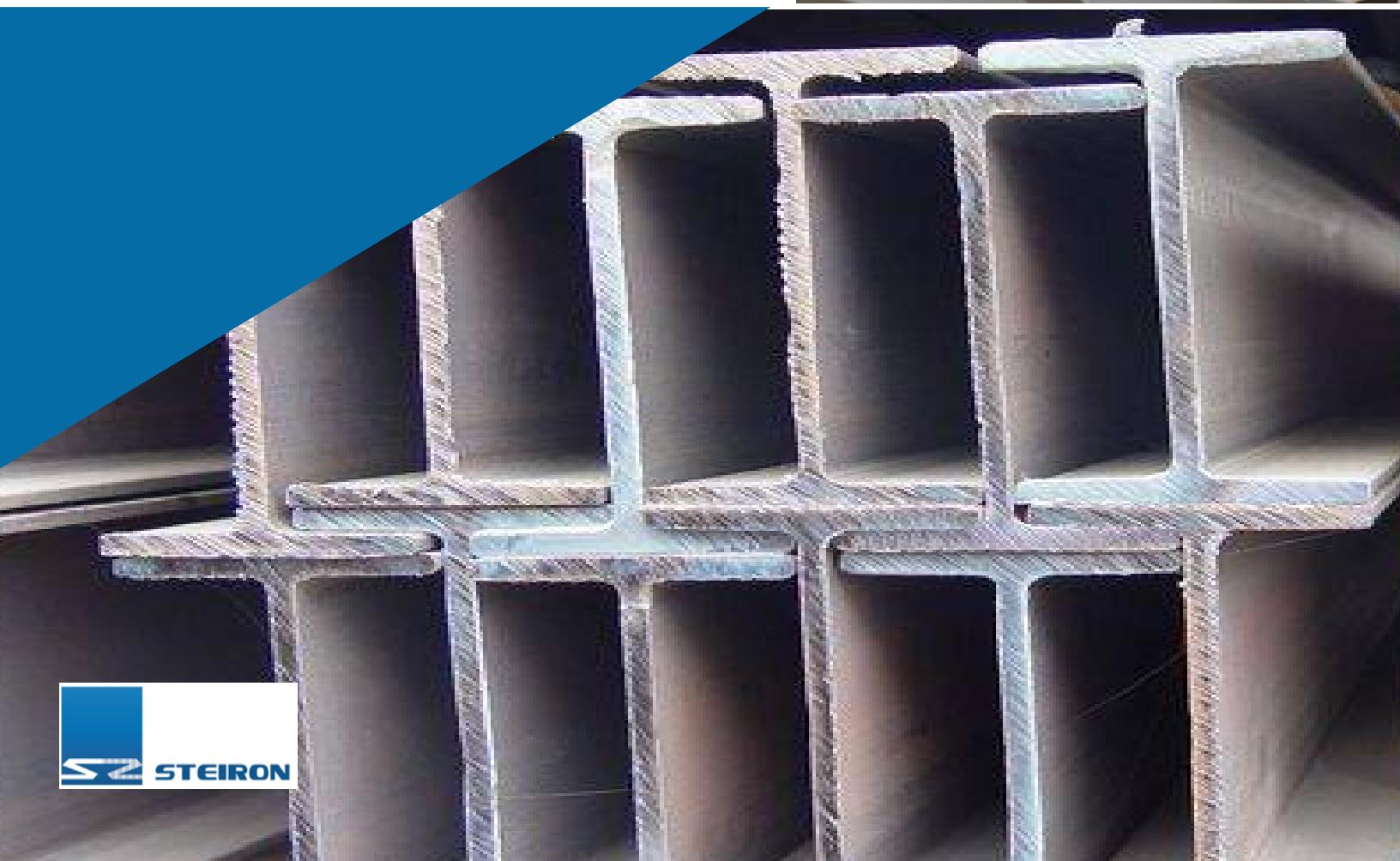
Flange Thickness: 7mm to 37mm

Web Thickness: 5mm to 19mm

Weight: 9.30kg/m to 307kg/m

Depth: 100mm to 918mm

Width: 50mm to 303mm



## STEEL SQUARE BAR

Steel Square Bar is commonly used in the fabrication industry for frame work, braces, trim, fittings, instruments, equipment, structures, and more.

### Product Description

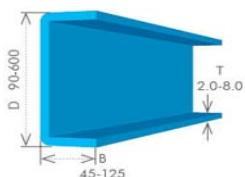
Size: 8mm to 160mm

Section: 0.64cm to 256cm

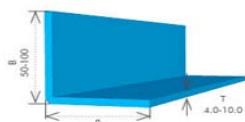
Weight: 0.502kg/m to 201kg/m



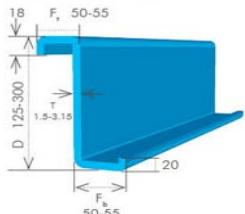
C-Channels



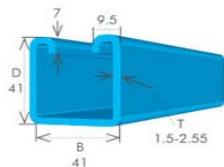
Equal Angle (90)



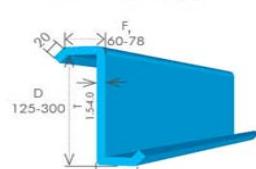
Z-Purlin (90 Lip)



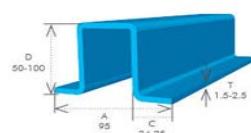
Strut Channel



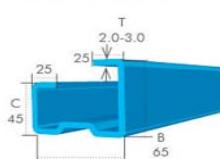
Z-Purlin (45 Lip)



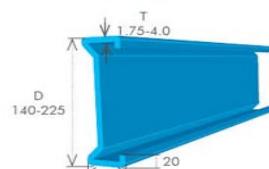
Top Hat



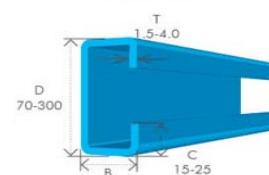
Uneven Sigma



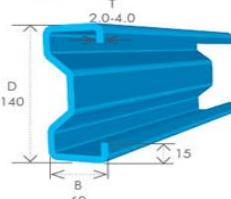
Multi - Beam



Lip - Channels



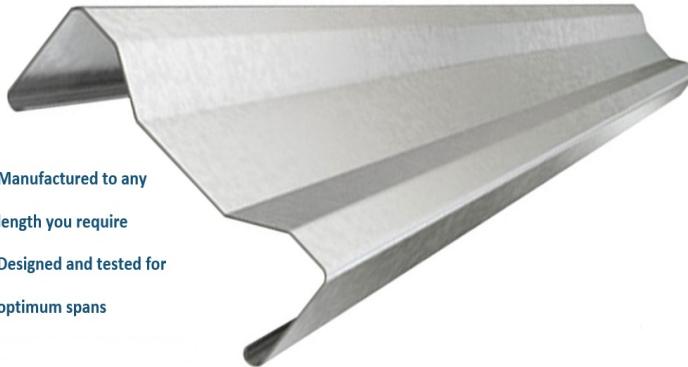
Sigma Section



www.steiron.com

# STEEL PURLIN

- Manufactured to any length you require
- Designed and tested for optimum spans



Steel Purlins are mainly used for structural steel construction as a structural component.

Our cold formed steel purlins are used for other applications such as racking and shelving, automobile, and other fabrications, etc.

## Product Description:

Size: 60x30x10mm to 250x75x25mm

Thickness: 1.6mm to 4.5mm

Weight: 1.63kg/m to 14.90kg/m

Customized shapes & sizes also available for projects.





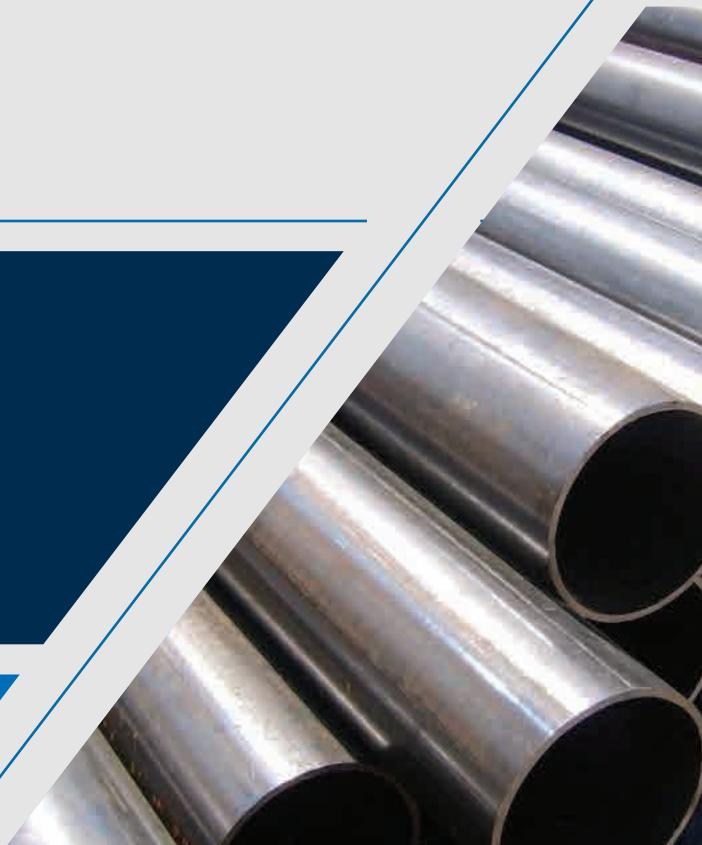
**STEIRON**

---

CONTACT US AT:

STEIRON PTE LTD  
391B, Orchard Road, #23-01, Ngee Ann City Tower B  
Singapore 238874  
Tel: +65 6240 6944, 6945, 6950 | Fax: +65 6832 8018

Email: [steiron@steiron.com](mailto:steiron@steiron.com)



[www.steiron.com](http://www.steiron.com)