

METALLIC MATERIAL

金属材料产品手册

MANUAL OF METAL MATERIALS PRODUCTS



SKY STEEL

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SkySteel is a large-scale modern integrated steel enterprise encompassing sintering, blast furnace ironmaking, steelmaking, continuous casting, rolling, and finished metal product manufacturing. With nearly two decades of industry experience (established in 2007) and a skilled workforce of over 2,000 employees, the company operates a comprehensive production complex including one 450m³ blast furnace, two 1,080m³ blast furnaces, one 45-ton converter, two 60-ton converters, one high-speed wire rod mill, one small-section mill, one medium-section mill, two bar mills, and one 960,000-ton-per-year coke production line. We are dedicated to delivering high-quality steel solutions that meet the diverse needs of our global clientele.



Our core product portfolio includes steel pipes, steel wire, steel plates, sections, and galvanized/coated products. We integrate production, value-added processing (including precision cutting), and sales into a seamless supply chain. Leveraging our full-process manufacturing capabilities, we offer flexible customization services in terms of dimensions, materials, specifications, and surface finishes to accommodate specific project requirements.

We achieved our initial ISO 9001 certification in 2009. To support our international market expansion, which commenced in 2015, we subsequently obtained CE, API, and BIS certifications. We strictly adhere to these internationally recognized quality management and product standards throughout our production and quality control processes, ensuring consistent compliance with our clients' expectations.

Our products are exported to over 30 countries and regions across North America, South America, Southeast Asia, Africa, and beyond. We take pride in having earned the long-term trust and loyalty of our global customers through our unwavering product quality and strong business integrity. Guided by our philosophy of "Customer First — Understanding Our Customers' Needs," we are committed to delivering responsive, value-added services that build lasting partnerships beyond every transaction.

Founded in 2007, SkySteel has been deeply rooted in China's steel industry. We initiated our overseas market development strategy in 2015. In response to the disruptions caused by the COVID-19 pandemic to traditional international trade models, we pivoted toward cross-border e-commerce. In 2022, we established our dedicated international trade division under the Sky Steel brand on Alibaba International Station.

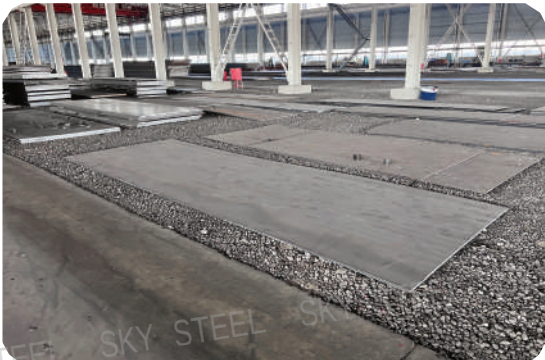
Leveraging our own fully integrated production base, we benefit from a distinct synergy between manufacturing and trading capabilities. This integrated approach has enabled us to rapidly achieve "Gold Supplier" and "Top-Tier Showroom" status within the steel category on Alibaba International Station.

We are consistently committed to ensuring reliable performance and supply continuity. By bridging China's high-quality steel resources with global market demand, we aspire to be a trusted, long-term partner for our customers worldwide.



SKY STEEL Products

产品目录



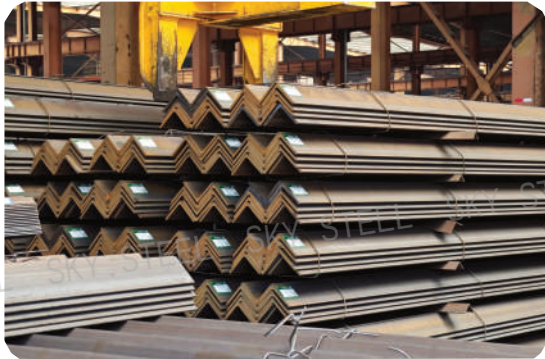
Steel Plate



Steel Pipe



Steel Wire



Steel Profile



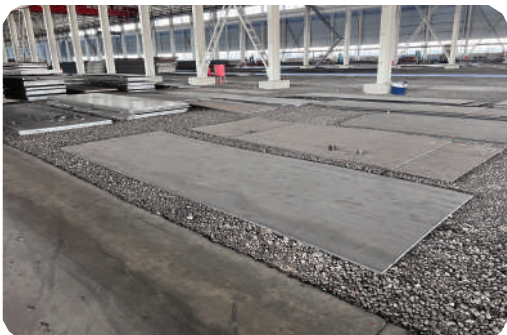
PPGI

Classification Table of Carbon Steel Types

Category	% C	Key Characteristics	Common Grade Examples	Typical Applications
Low Carbon Steel	0.05% - 0.25%	- Low strength and hardness - Excellent ductility and toughness - Easy to form and weld	AISI 1018, AISI 1008, AISI 1020, ASTM A36	- Automotive body panels - Structural steel (I-beams, sheets) - Pipes, pipe materials - Wires, nails, rivets
Medium Carbon Steel	0.25% - 0.60%	- It has higher strength and hardness than low-carbon steel. - It maintains good toughness. - Its performance can be enhanced through heat treatment.	AISI 1040, AISI 1045, AISI 4140, ASTM A529	- Automotive components - Rails, train wheels - Machine parts, forging pieces - High-strength structural components
High Carbon Steel	0.60% - 1.00%	- Extremely high strength and hardness - Good wear resistance - Low ductility and toughness - Difficult to weld and cold process	AISI 1060, AISI 1075, AISI 1095, C60	- Spring - Cutting tools (drills, taps) - High-strength steel wire - Blades, axes
Ultra-High Carbon Steel	1.00% - 2.00%	- Extremely high hardness and wear resistance - Extremely brittle with poor toughness - Difficult to process.	AISI 1095 , CPM 10V	- Professional cutting tools - Pressing molds - Wear-resistant parts - Special blades



Steel Plate 钢板



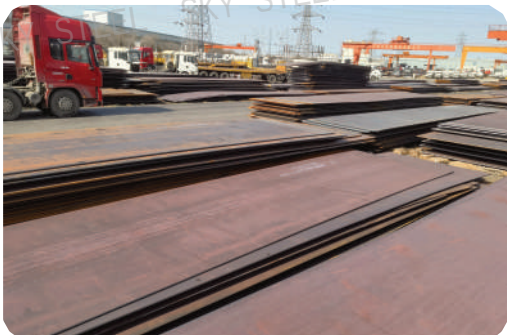
low carbon steel plate



carbon steel coil



High-carbon steel plate



wear-resisting plate

Steel Pipe 钢管



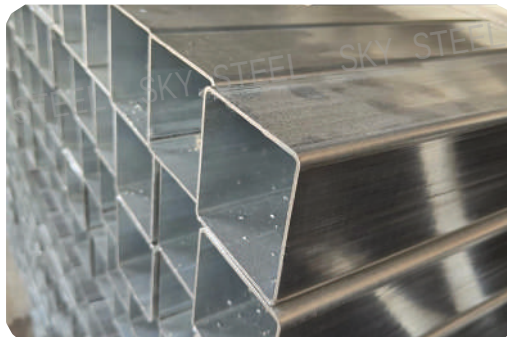
Seamless Steel Pipe



Welded Steel Pipe



Square and Rectangular Pipe



Galvanized Pipe

Steel Wire

钢丝



Black Annealed wire



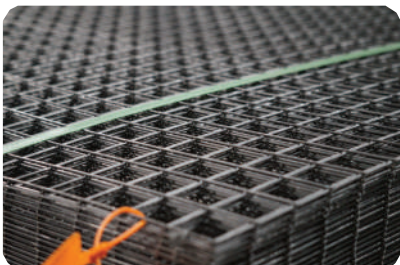
Hard-drawn Wire



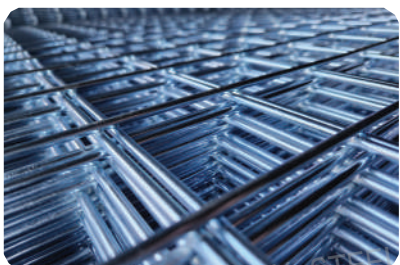
Hot-dip Galvanized Wire



Electro Galvanized Wires



Welded wire mesh sheet



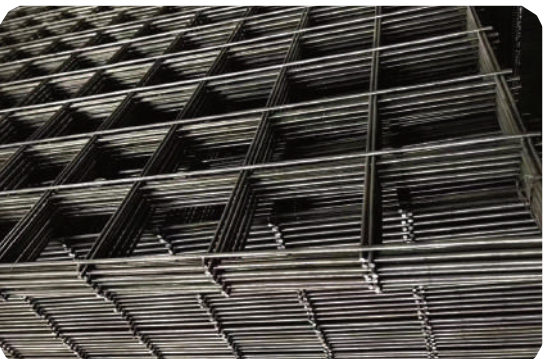
Galvanized welded wire mesh



PVC Coated Welded Wire Mesh



Rebar



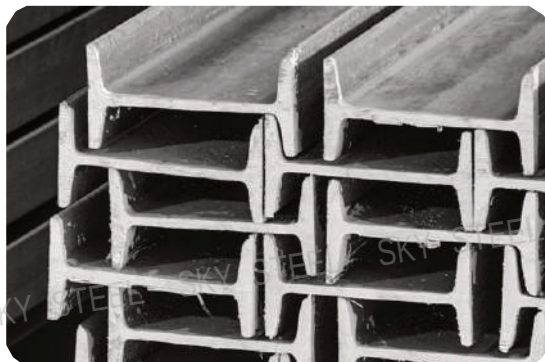
Reinforcing mesh

Steel Profile

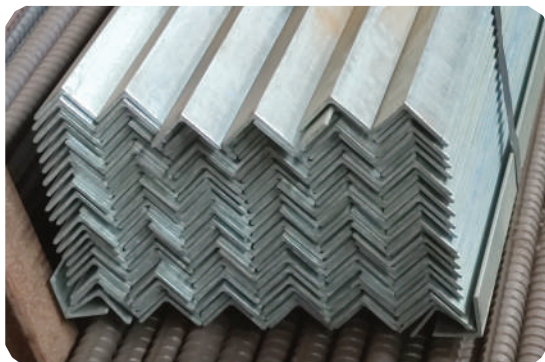
型钢



H Beam



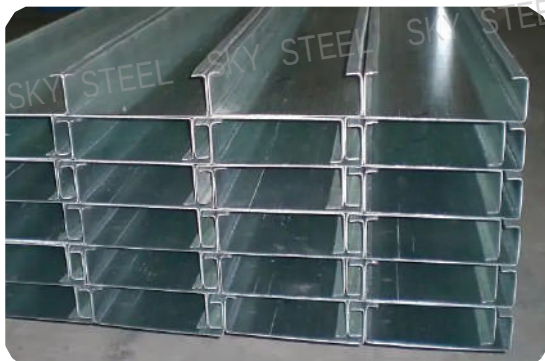
I-Beam



Angle Bar



U Channel



C channel



Flat Bar



Round Bar



Square Bar

PPGI

涂镀钢



Galvanized coil

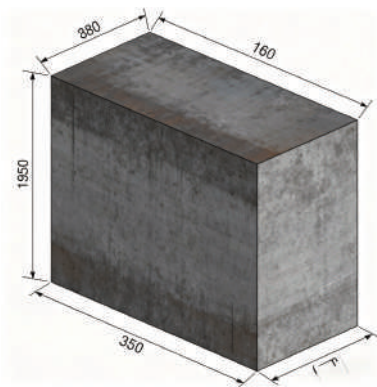


Color coated coil

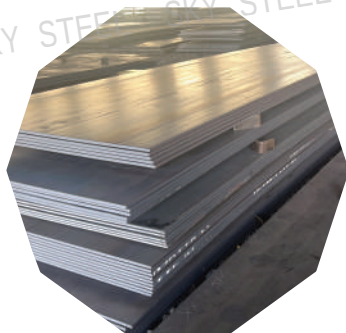


Corrugated steel plate

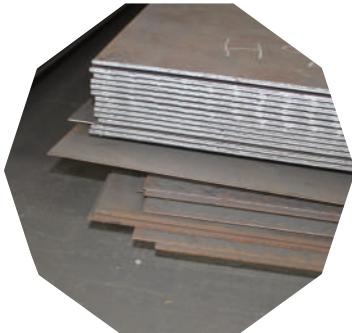
Low Carbon Steel Plate



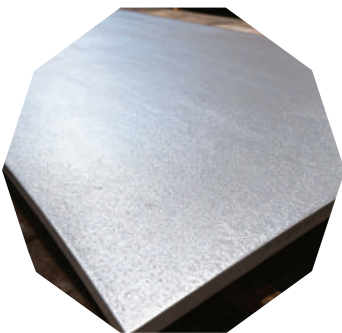
Core Specifications		
	inch	mm
Thickness	0.01-3.14	0.4-80
Width	3.93-137	100-3500
Length	39-708	1000-18000
Here are normal size and material, special requirements , please contact us.		



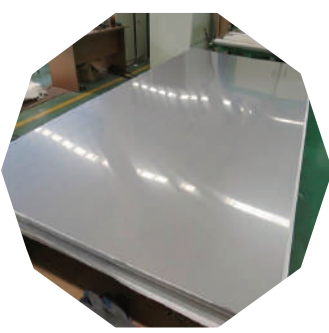
Cold Rolled



Hot Rolled



Shot Blasted



Galvanized

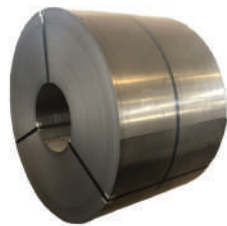
Material & Grade	
Steel Grade	Q235A/B, Q255A/B ASTM A36 /A283/A514/A572//A709/A285/A387 A515/A516/A533/A537/A588 S355JR/S235JR/S275JR SS400
Standard	GB/T 700, ASTM A36/A36M, EN 10025, JIS G3101
Process	Hot Rolled (HR) / Cold Rolled (CR)
Surface Treatment	1. HRAP (Hot Rolled Annealed and Pickled) 2. Black (As Rolled, with oxide scale) 3. Shot Blasted 4. Galvanized
Edge Condition	Mill Edge/ Sheared Edge/ UMC (Universal Mill Plate)
APPLICATION	Carbon steel plates are frequently used in construction to create ships, bridges, and other kinds of commercial or industrial structures. Because of their strength, carbon steel plates can be used to make a wide range of brackets, braces, and other components needed to build a building

Carbon Steel coil

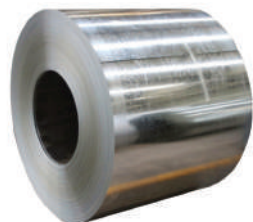
Core Specifications		
	inch	mm
Thickness	0.003-0.62	0.1-16
Width	3.93-137	100-3500
Length	20/24	508/610
Coil Weight	3-30 MT per coil (Standard), Customized Weight Accepted	



Hot Rolled



Cold Rolled



Galvanized

Material & Grade	
Steel Grade	Q235B, SPHC, SS400 (HRC 常用) Q195, SPCC, DC01, ASTM A1008 (CRC 常用) DX51D, SGCC, ASTM A653 (GI 常用)
Inner Diameter (ID)	508mm (20"), 610mm (24")
Standard	GB/T, JIS G, EN, ASTM
Edge Condition	Mill Edge (毛边) / Trimmed Edge (切边)
Surface Finish	HRC: Black/Scaled, Picked & Oiled CRC: Matt, Bright GI: Regular Spangle, Minimal Spangle, Smooth
Coating Mass (仅GI)	Z60, Z80, Z100, Z120, Z180, Z275 (例如: Z275 = 275 g/m² total)
Yield Strength	≥185 MPa (SPHC), ≥280 MPa (Q235B)
Tensile Strength	270-410 MPa (SPHC), 370-500 MPa (Q235B)
Packaging	Waterproof Paper Wrapping + Steel Strapping + Inner Cores Protection. Coils are lifted by C-Hooks.
Applications	HRC: Structural Pipes, Construction, Automotive Frames CRC: Automotive Panels, Appliances, Furniture GI: Roofing, Wall Cladding, Ductwork

High-carbon steel plate



Core Specifications		
	inch	mm
Thickness	0.04" - 2.0"	1.0 - 50 mm
Width	40" - 60"	1000 - 1500 mm
Length	80" - 120"	2000 - 3000 mm



Material & Grade	
Grade & Standard	GB: 65Mn, T8, T10, C70 ASTM: 1070, 1080, 1095, AISI 5160 EN: C70U, C80U, C100U
Carbon (C)	0.65% - 1.00%
Manganese (Mn)	0.60% - 1.00%
Hardness (As Rolled)	HBW 180 - 280
Delivery Condition	Annealed
Surface Treatment	Black (热轧氧化皮) / Shot Blasted (喷砂) / Cold Rolled (冷轧)
Processing Services	CNC/Laser/Flame Cutting
Packaging	Waterproof Paper Wrapping + Steel Strapping on Wooden Pallets.

wear-resisting plate

Core Specifications		
	inch	mm
Thickness	1/4" - 4"	6 - 100 mm
Width	60" - 98"	1500 - 2500 mm
Length	20' - 40'	6000 - 12000 mm



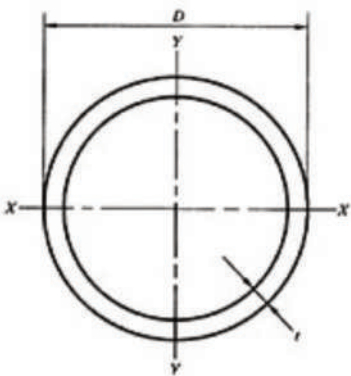
Shot Blasted
and Primed



Bare

Material & Grade	
Brand & Grade	Hardox® 400, 450, 500, 550, 600 JFE EH360, EH400, EH500 DILLIDUR 400V, 500V
Hardness Level	HBW 400, HBW 450, HBW 500, HBW 550, HBW 600 (布氏硬度)
Surface Hardness	HBW 370-430 (NM400), HBW 430-480 (NM450), HBW 470-530 (NM500)
Tensile Strength	≥1250 MPa (NM400), ≥1400 MPa (NM500)
Impact Toughness	≥40 J (-20°C / -40°C)
Process	Quenched & Tempered
Surface Treatment	Shot Blasted and Primed (喷砂并涂底漆) Bare (黑皮态)
Processing Services	CNC Cutting (数控切割) Laser Cutting (激光切割) 折弯与焊接咨询
Packaging	Waterproof Paper Wrapping + Steel Strapping on Wooden Pallets. Edges protected.
Applications	Mining equipment (excavator bucket, dump truck body, crusher liner) Construction machinery (plow blade of bulldozer, concrete mixer blade) Material handling (hopper, chute, screening machine) Construction industry (inside cement tanker)

Seamless steel pipe



Core Specifications	
Outer Diameter (OD)	Hot rolling: 21.3mm (1/2") - 660mm (26") Cold drawing: 6mm - 200mm
Wall Thickness	SCH20, SCH40, SCH80, SCH160, STD, XS, XXS 2mm - 80mm
Length	6-12m/ (20ft, 40ft)

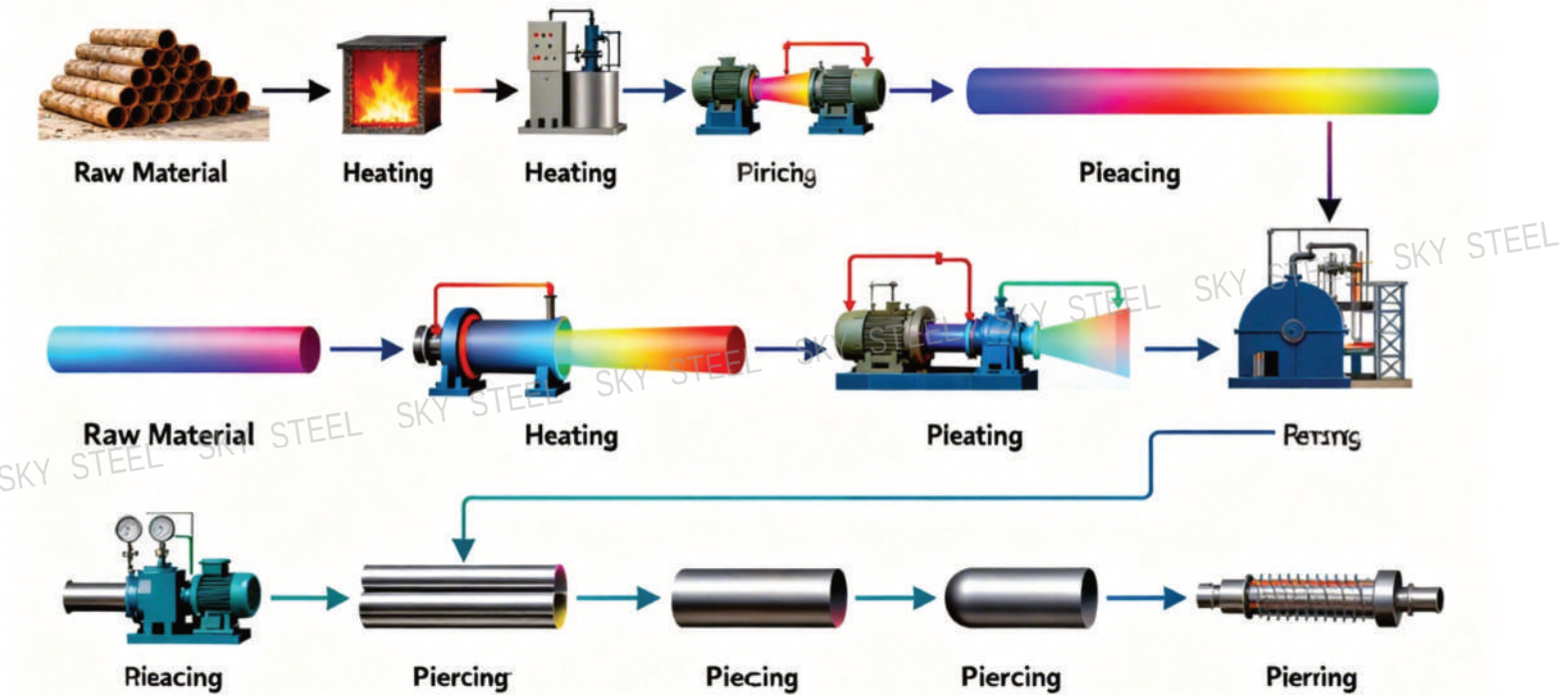


Cold draw

Hot Rolled

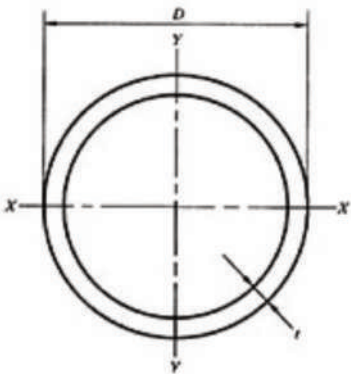
Honed

Material & Grade	
Process	Hot Rolled / Cold Drawn/Cold Rolled/Honed
Steel Grade	20#, 45#, Q235B ASTM A106 Gr.B, API 5L Gr.B, ST37, ST52, S355 42CrMo, 16Mn, ASTM A335 P11/P22/P91
Standard	GB/T 8163, GB/T 5310 ASTM A106, ASTM A53, API 5L EN 10210, EN 10216
Heat Treatment	Normalized / Annealed / Q&T
Surface	Black / Varnished/ Galvanized



Outside Diameter			Thickness					
			SCH10	SCH40	XS	SCH80	SCH160	XXS
DN15	1/2"	21.3mm	2.11mm	2.77mm	3.73mm	3.73mm	4.78mm	7.47mm
DN20	3/4"	26.7mm	2.11mm	2.87mm	3.91mm	3.91mm	5.56mm	7.82mm
DN25	1"	33.4mm	2.77mm	3.38mm	4.55mm	4.55mm	6.35mm	9.09mm
DN32	1-1/4"	42.2mm	2.77mm	3.56mm	4.85mm	4.85mm	6.35mm	9.7mm
DN40	1-1/2"	48.3mm	2.77mm	3.68mm	5.08mm	5.08mm	7.14mm	10.15mm
DN50	2"	60.3mm	2.77mm	3.91mm	5.54mm	5.54mm	8.74mm	11.07mm
DN65	2-1/2"	73mm 76mm	3.05mm	5.16mm	7.01mm	7.01mm	9.53mm	14.02mm
DN80	3"	88.9mm	3.05mm	5.49mm	7.62mm	7.62mm	11.13mm	15.25mm
DN90	3-1/2"	101.6mm	3.05mm	5.74mm	8.08mm	8.08mm		
DN100	4"	114.3mm	3.05mm	6.02mm	8.56mm	8.56mm	13.49mm	17.12mm
DN125	5"	141.3mm	3.4mm	6.55mm	9.53mm	9.53mm	15.88mm	19.05mm
DN150	6"	168.3mm 165mm	3.4mm	7.11mm	10.97mm	10.97mm	18.26mm	21.95mm
DN200	8"	219.1mm	3.76mm	8.18mm	12.7mm	12.7mm	23.01mm	22.23mm
DN250	10"	273.1mm	4.19mm	9.27mm	12.7mm	15.09mm	28.58mm	25.4mm

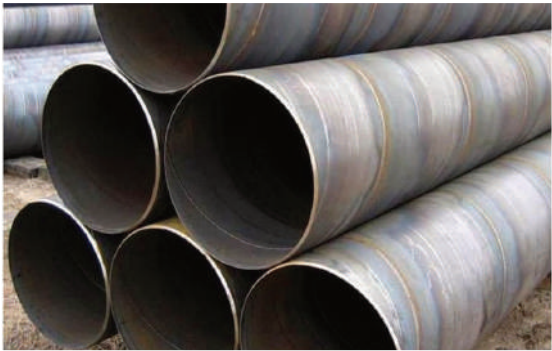
Welded steel pipe



Core Specifications	
Outer Diameter (OD)	Small: 21.3mm (1/2") - 114.3mm (4") Big:219mm (8") - 3500mm (138")
Wall Thickness	SCH20, SCH40, SCH80, STD, XS 1.0mm - 25.0mm
Length	6m, 12m (20ft, 40ft) 5.8m - 11.8m



Straight seam steel pipe



Spiral welded pipe

Material & Grade	
Process	ERW (Electric Resistance Welding) SSAW(Spiral Submerged Arc Welded)
Standard	GB/T 3091, GB/T 9711, GB/T13793 ASTM A53, ASTM A500, ASTM A795, API 5L BS1387, BS1139 EN39, EN10219, EN10255, JIS G3444, etc.
Weld Seam Treatment	As Welded/ Inside & Outside Bead Removed
Surface Treatment	1. Black/Bare 2. Galvanized 3. Painted 4. Varnished



Black



Galvanized



Painted



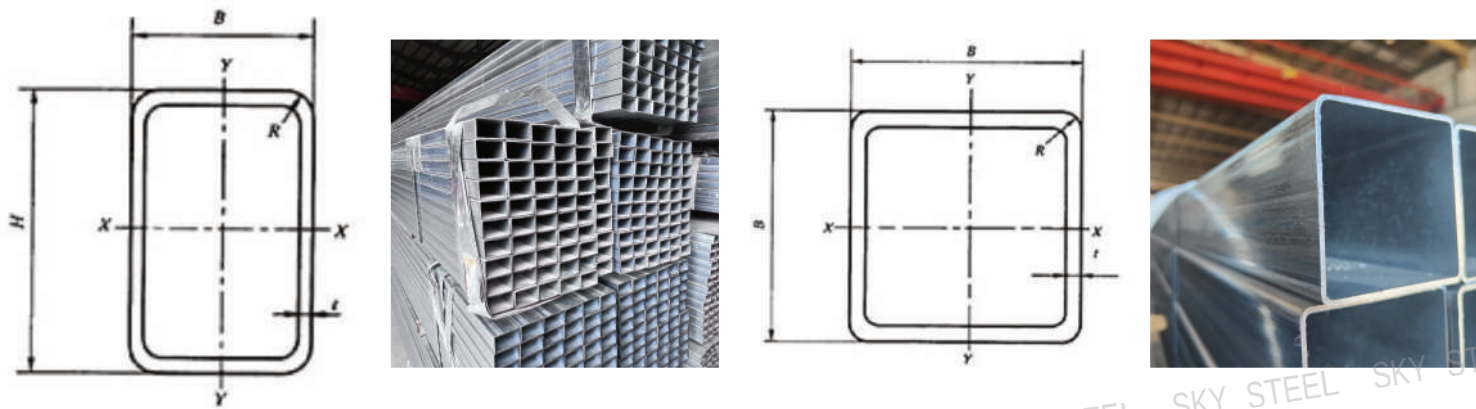
Varnished

According to different application environments, choose the appropriate steel grade.

ASTM	EN	JIS	GB
ASTM A36	S195	SS330	Q195
ASTM A283 GrC	S235JR	SS400	Q215
ASTM A283 GrD	S235JR	SS400	Q235
ASTM A572 Gr50	S355JR	SM490	Q345
ASTM A572 Gr60	S355J2	SM520	Q390
ASTM A572 Gr65	S420ML	SM570	Q420
ASTM A572 Gr70	S460ML	SM570	Q460
ASTM A513 Type5	C22	S20C	20#
ASTM A513 Type6	C45	S45C	45#



Square and Rectangular Pipe



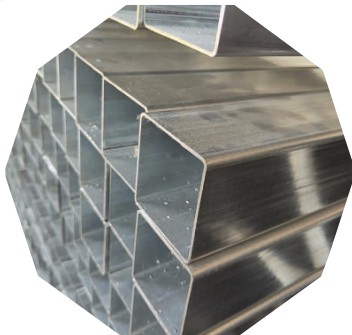
Rectangular

Square

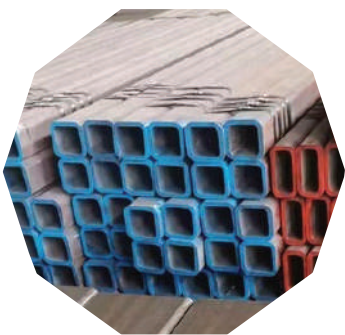
Material & Grade	
Base Pipe Type	Welded Steel Pipe , Seamless Steel Pipe
Common Materials	Q235, Q355, 20#, 304 Stainless, ASTM A500 Gr. B, S235JR
Key Standards	GB/T 6728, ASTM A500, EN 10219, JIS G 3466
Cross-Section Shape	Square, Rectangular
Surface Treatment	Black, Galvanized, Painted, Powder Coated



Black



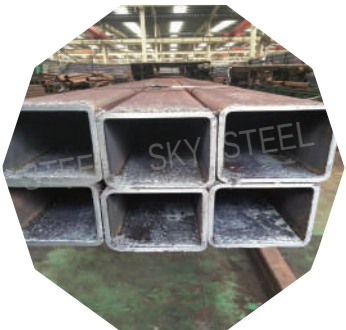
Galvanized



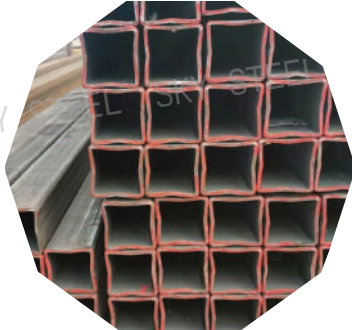
Painted



Powder Coated



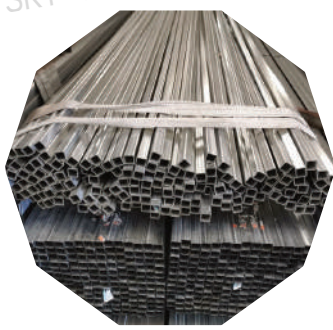
welded



seamless



Thick wall



Small diameter

According to different application environments, choose the appropriate steel grade.

Aspect	ASTM	EN	GB
Main Standards	ASTM A36,A53, A123,A153	EN 10240, EN 10305-4	GB/T 3091, GB/T13793
Grades	Grade A,Grade B	S235,S275,S355	Q195,Q215,Q235,Q345
Coating Thickness	Specified in ASTM A123	50-85 μ m (EN10240)	≥70 μ m (GB/T 3091)
Applications	Plumbing,structural	Water,gas,structural	Water,gas,structural

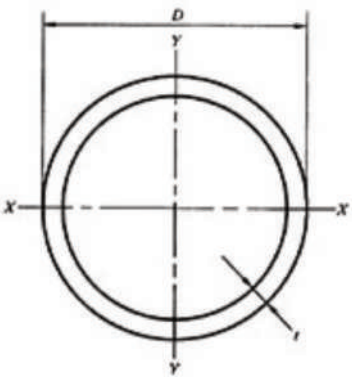
Square Pipe

ASTM	EN	JIS	GB
3/4" * 3/4"	20*20	20*20	20*20
1" * 1"	25*25	25*25	25*25
1-1/4" * 1-1/4"	30*30	30*30	30*30
1-1/2" * 1-1/2"	40*40	40*40	40*40
2" * 2"	50*50	50*50	50*50
2-1" 2*2-1" 2	60*60	60*60	60*60
3" * 3"	80*80	80*80	80*80
4" * 4"	100*100	100*100	100*100
5" * 5"	120*120	120*120	120*120
6" * 6"	150*150	150*150	150*150

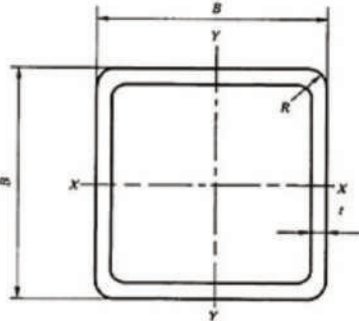
Rectangular Pipe

ASTM	EN	JIS	GB
3/4" * 1/2"	20*10	20*10	20*10
1-1/4" * 1/2"	30*15	30*15	30*15
1-1/2" * 3/4"	40*20	40*20	40*20
2" * 1"	50*25	50*25	50*25
2-1/2" * 1-1/4"	60*30	60*30	60*30
3" * 1-1/2"	80*40	80*40	80*40
4" * 2"	100*50	100*50	100*50
5" * 2-1/2"	120*60	120*60	120*60
6" * 3"	150*75	150*75	150*75
8" * 4"	200*100	200*100	200*100

Galvanized Pipe



round



square

Material & Grade

Base Pipe Type Welded Steel Pipe (Most Common), Seamless Steel Pipe

Galvanizing Process Hot-Dip Galvanizing (HDG), Electro-Galvanizing (EG)



Uncoiling of steel coils



Steel strip welding



Cooling of welded pipes



Pickling for rust removal



Cut to the correct length



Steel pipe straightening



Galvanization



Final product inspection

According to different application environments, choose the appropriate steel grade.

Aspect	ASTM	EN	GB
Main Standards	ASTM A36,A53, A123,A153	EN 10240, EN 10305-4	GB/T 3091, GB/T13793
Grades	Grade A,Grade B	S235,S275,S355	Q195,Q215,Q235,Q345
Coating Thickness	Specified in ASTM A123	50-85 μ m (EN10240)	$\geq 70 \mu$ m (GB/T 3091)
Applications	Plumbing,structural	Water,gas,structural	Water,gas,structural

Outside Diameter			Thickness					
			SCH10	SCH40	XS	SCH80	SCH160	XXS
DN15	1/2"	21.3mm	2.11mm	2.77mm	3.73mm	3.73mm	4.78mm	7.47mm
DN20	3/4"	26.7mm	2.11mm	2.87mm	3.91mm	3.91mm	5.56mm	7.82mm
DN25	1"	33.4mm	2.77mm	3.38mm	4.55mm	4.55mm	6.35mm	9.09mm
DN32	1-1/4"	42.2mm	2.77mm	3.56mm	4.85mm	4.85mm	6.35mm	9.7mm
DN40	1-1/2"	48.3mm	2.77mm	3.68mm	5.08mm	5.08mm	7.14mm	10.15mm
DN50	2"	60.3mm	2.77mm	3.91mm	5.54mm	5.54mm	8.74mm	11.07mm
DN65	2-1/2"	73mm 76mm	3.05mm	5.16mm	7.01mm	7.01mm	9.53mm	14.02mm
DN80	3"	88.9mm	3.05mm	5.49mm	7.62mm	7.62mm	11.13mm	15.25mm
DN90	3-1/2"	101.6mm	3.05mm	5.74mm	8.08mm	8.08mm		
DN100	4"	114.3mm	3.05mm	6.02mm	8.56mm	8.56mm	13.49mm	17.12mm
DN125	5"	141.3mm	3.4mm	6.55mm	9.53mm	9.53mm	15.88mm	19.05mm
DN150	6"	168.3mm 165mm	3.4mm	7.11mm	10.97mm	10.97mm	18.26mm	21.95mm
DN200	8"	219.1mm	3.76mm	8.18mm	12.7mm	12.7mm	23.01mm	22.23mm
DN250	10"	273.1mm	4.19mm	9.27mm	12.7mm	15.09mm	28.58mm	25.4mm

Black Annealed Wire

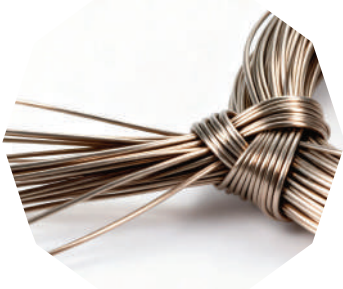
Soft, with good elasticity and easy to bend. Often used for bundling



Coil Wire



Spool Wire



Straight Cut Wire

Material & Grade	
Material	Low Carbon Steel (Q195, SAE 1006, 1008)
Heat Treatment	Fully Annealed
Surface Condition	1. Black 2. Bright 3. Galvanized
Form	1. Coil Wire 2. Spool Wire 3. Straight & Cut Wire
Coil Weight	5kg, 10kg, 15kg, 20kg, 25kg, Customized

CODE	WIRE DIAMETER MM	CODE	WIRE DIAMETER MM	CODE	WIRE DIAMETER MM
0	8.23	14	2.032	28	0.376
1	7.02	15	1.829	29	0.345
2	7.01	16	1.626	30	0.315
3	6.401	17	1.422	31	0.295
4	5.893	18	1.219	32	0.274
5	5.385	19	1.016	33	0.254
6	4.877	20	0.914	34	0.234
7	4.47	21	0.813	35	0.213
8	4.064	22	0.711	36	0.193
6	3.658	23	0.61	37	0.173
10	3.251	24	0.559	38	0.152
11	2.946	25	0.508	39	0.132
12	2.642	26	0.457	40	0.122
13	2.337	27	0.417	41	0.112

Hard-drawn Wire

Hard, high strength and good elasticity

Material & Grade	
Material	Low Carbon Steel (Q195, 1008) Medium Carbon Steel (Q235, 1045) High Carbon Steel (65Mn, 1070, 1074)
Process	Cold Drawing / Cold Drawn
Tensile Strength	Low Carbon Steel: 400-700 MPa Mild/High Carbon Steel: 1000-1800 MPa
Form	1. Coil Wire 2. Spool Wire 3. Straight & Cut Wire
Coil Weight	5kg, 10kg, 15kg, 20kg, 25kg, Customized
Packaging Details	Coils: Bundled with steel straps, waterproof wrapping. Spools: Individually wrapped in plastic, then in carton boxes.



Bright



Galvanized



Oiled



Spool Wire



Hot-dip Galvanized Wire

Material & Grade	
Material	Low Carbon Steel (Q195, SAE 1006, 1008)
Wire Diameter	0.7mm - 4.0mm
Process	Hot Dip Galvanized
Zinc Coating Mass	60 - 150 g/m ² Class I (>245 g/m ²) Class II (>165 g/m ²) Class III (>100 g/m ²)
Zinc Coating Thickness	20 - 50 μm
Tensile Strength	350 - 800 MPa Annealing soft state: 350-550 MPa Hard state: 500-800 MPa
Form	1. Coil Wire 2. Spool Wire 3. Straight & Cut Wire
Coil Weight	5kg, 10kg, 15kg, 20kg, 25kg, 或定制

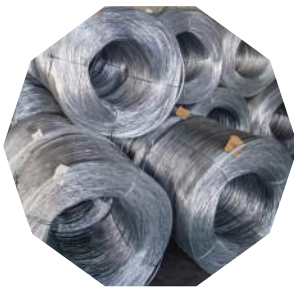
ZINC COATING							
MEET GB/T15393 STANDARD							
SIZE (mm)	ZINC COATING MIN (g/m)						
	A	AB	B	C	D	E	F
	A1	B2					
≤0.25			30	20	18		
>0.25-0.40				30	25	20	
>0.40-0.50					30	20	
>0.50-0.60					35	20	
>0.60-0.80	120	110			40	20	
>0.80-1.00	150	130			45	25	
>1.00-1.20	180	150			50	25	
>1.20-1.40	200	160			50	25	
>1.40-1.60	220	180			50	35	30
>1.60-1.80	220	180			70	40	30
>1.80-2.20	230	200			80	50	40
>2.20-2.50	240	210			80	55	40
>2.50-3.00	250	230			90	70	45
>3.00-4.00	270	250			100	85	60
>4.00-5.20	290	270	245		110	95	70
>5.20-6.00	290	270	245		110	100	80

Wire Diameter

Wire Gauge	SWG (mm)	BWG (mm)	Metric (mm)
8	4.05	4.19	4
9	3.66	3.76	4
10	3.25	3.4	3.5
11	2.95	3.05	3
12	2.64	2.77	2.8
13	2.34	2.41	2.5
14	2.03	2.11	2.5
15	1.83	1.83	1.8
16	1.63	1.65	1.65
17	1.42	1.47	1.4
18	1.22	1.25	1.2
19	1.02	1.07	1
20	0.91	0.84	0.9
21	0.81	0.81	0.8
22	0.71	0.71	0.7



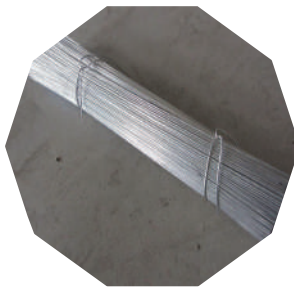
Small Coil



Big Coil



Spool Wire



Straight Cut Wire

Packaging Details:

Coils: Bundled with steel straps, waterproof paper wrapped.
Spools: Individually plastic wrapped, then in carton boxes.

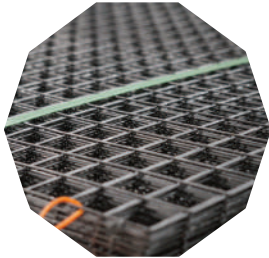


Electro Galvanized Wires

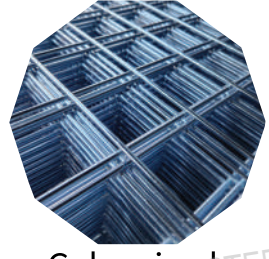
Material & Grade	
Material	Low Carbon Steel (Q195, SAE 1008)
Process	Electro Galvanized Electroplated
Zinc Coating Mass	5 - 25 g/m ² Light Coating: 5-15 g/m ² Regular Coating: 10-20 g/m ²
Zinc Coating Thickness	2 - 5 μm
Surface Characteristics	Bright & Smooth/ Bluish White
Tensile Strength	350 - 1000 MPa • Soft Annealed : 350-550 MPa • Hard Drawn: 700-1000 MPa
Form	1. Coil Wire 2. Spool Wire

ZINC COATING							
MEET GB/T15393 STANDARD							
SIZE (mm)	ZINC COATING MIN (g/m)						
	A	AB	B	C	D	E	F
	A1	B2					
≤0.25				18	15	12	5
>0.25-				25	20	12	5
>0.40-				25	20	15	8
>0.50-				25	20	15	8
>0.60-				55	20	15	10
>0.80-				60	25	18	10
>1.20-				65	25	18	12
>1.60-			100	70	40	30	20
>1.80-			105	80	50	40	20
>2.20-			110	80	55	40	25
>2.50-			120	90	70	45	25
>3.00-				100	85	60	30
>4.00-				110	95	70	40

Welded wire mesh sheet



Black



Galvanized



PVC

Material & Grade	
Steel Grade	Low Carbon Steel Wire (Q195, AISI 1008) Stainless Steel Wire (304, 316)
Wire Diameter	SWG gauge / mm
Welding Process	Automatic Electric Resistance Welding
Surface Treatment	1. Electro-Galvanized 2. Hot-Dip Galvanized 3. PVC Coated 4. Black
Coating Mass	Hot-Dip: 60-90 g/m ² , >120 g/m ²
Weld Shear Strength	ASTM A185/A497
Characteristics	Sturdy Structure, Long Service Life, Easy to Inst all, Uniform Grids
Applications	Construction Fencing Industria Agricultural

Welded Wire Mesh Panel							
MESH OPENING		WIRE THICKNESS		WIDTH		LENGTH	
INCH	MM	BWG	MM	INCH	CM	INCH	CM
2	50	8	4.19	80	200	160	400
2	50	9	3.76	80	200	160	400
2	50	10	3.40	80	200	160	400
2	50	11	3.05	80	200	160	400
1	25	12	2.77	48	120	120	300
1	25	13	2.41	48	120	120	300
1	25	14	2.11	48	120	120	300
Galvanized Panel							
MESH OPENING		WIRE THICKNESS		WIDTH		LENGTH	
INCH	MM	MM		INCH	CM	INCH	CM
2	50	2.0		40	100	80	200
2	50	1.9		40	100	80	200
2	50	1.8		40	100	80	200
2	50	1.7		40	100	80	200
2	50	1.6		40	100	80	200
2	50	1.5		40	100	80	200
2	50	1.4		40	100	80	200

Packaging Details:

Bundled Packing: The net sheets are stacked together and securely tied with steel bands to form a strong package.

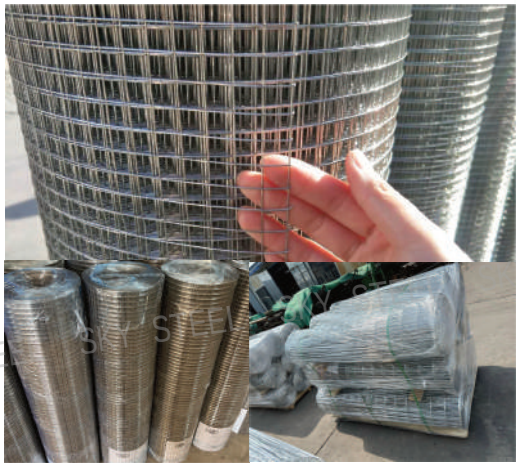


Pallets: For large orders, the bundled packages are fixed onto wooden pallets, making it convenient for forklift operations.



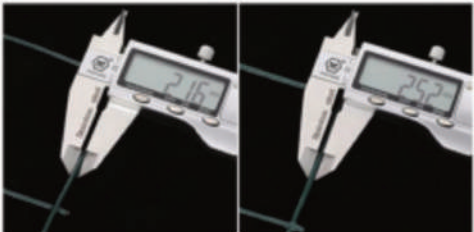
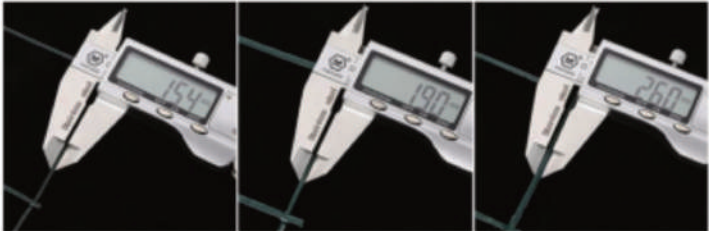
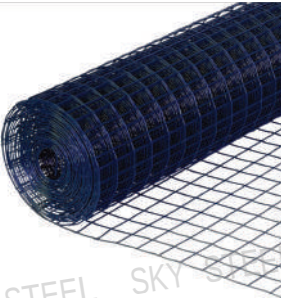
Galvanized welded wire mesh

Soft, with good elasticity and easy to bend. Often used for bundling



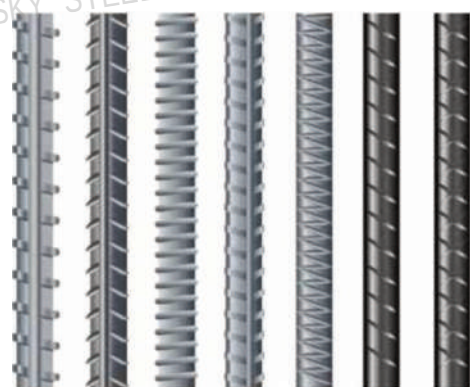
MESH OPENING		WIRE THICKNESS		WIDTH
INCH	MM	BWG	MM	M
1/4×1/4	6×6	26、24、23、22、21	0.45-0.81	0.3-1.2
3/8×3/8	10×13	26、24、23、22、21、20、19	0.45-1.07	0.3-1.2
1/2×1/2	13×16	25、24、23、22、21、20、19、18、17、16	0.51-1.65	0.3-2.0
5/8×5/8	16×19	25、24、23、22、21、20、19、18、17、16	0.51-1.65	0.3-1.2
3/4×3/4	19×25	25、24、23、22、21、20、19、18、17、16	0.51-1.65	0.3-2.0
1/2×1	13×25	22、21、20、19、18、17、16、15、14	0.71-2.11	0.3-2.0
1×1	25×50	22、21、20、19、18、17、16、15、14	0.71-2.11	0.3-2.0
1×2	25×50	19、18、17、16、15、14、13、12	1.07-2.77	0.3-2.0
2×2	50×50	18、17、16、15、14、13、12	1.25-2.77	0.3-2.0
2×4	50×100	16、15、14、13、12	1.65-2.77	0.3-2.0

PVC Coated Welded Wire Mesh



MESH OPEN		WIRE THICKNESS		WIDTH
INCH	MM	MM		INCH M
1/4×1/4	6×6	0.35/0.7-0.5/0.9		12-48 0.3-1.2
3/8×3/8	10×13	0.35/0.7-0.8/1.2		12-48 0.3-1.2
1/2×1/2	13×16	0.4/0.8-1.2/1.6		12-80 0.3-2.0
5/8×5/8	16×19	0.4/0.8-1.2/1.6		12-48 0.3-1.2
3/4×3/4	19×25	0.4/0.8-1.2/1.6		12-80 0.3-2.0
1/2×1	13×25	0.4/0.8-1.2/1.6		12-80 0.3-2.0
1×1	25×50	0.5/0.9-1.6/2.0		12-80 0.3-2.0
1×2	25×50	0.6/1.0-2.2/2.6		12-80 0.3-2.0
2×2	50×50	0.6/1.0-2.2/2.6		12-80 0.3-2.0
2×3	50×75	1.6/2.0-2.2/2.6		12-80 0.3-2.0
2×4	50×100	1.6/2.0-2.2/2.6		12-80 0.3-2.0
3×3	75×75	1.6/2.0-2.2/2.6		12-80 0.3-2.0
3×4	75×100	1.6/2.0-2.2/2.6		12-80 0.3-2.0
4×4	100×100	1.6/2.0-2.2/2.6		12- 0.3-2.0

Rebar



Material & Grade

Type	Deformed Bar / Plain Round Bar
Grade	HRB400, HRB400E, HRB500, HRB500E A615 Gr.60, Gr.75 / A706 Gr.60 B500A, B500B, B500C
Standard	GB/T 1499.2 ASTM A615, ASTM A706 BS EN 10080
Length	6m, 9m, 12m (Standard), Customized Lengths Available
Process	Hot Rolled
Surface	Ribs and Longitudinal Ribs
Applications	Construction Fencing Industria Agricultural

	HRB400	HRB500	ASTM A615 Gr. 60
Yield Strength	≥400 MPa	≥500 MPa	≥420 MPa
Tensile Strength	≥540 MPa	≥630 MPa	≥620 MPa
Elongation	≥16%	≥15%	≥9%
Agt	≥7.5%		

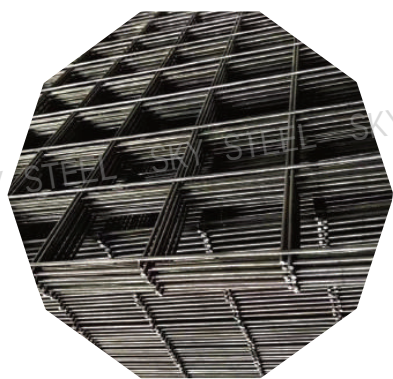
Nominal Diameter	U.S. Bar Size	Cross-Sectional Area (mm²)	Theoretical Weight (kg/m)
6 mm	#2	28.3	0.222
8 mm	#2.5	50.3	0.395
10 mm	#3	78.5	0.617
12 mm	#4	113.1	0.888
14 mm	#5	153.9	1.208
16 mm	#5	201.1	1.578
18 mm	#6	254.5	1.998
20 mm	#6	314.2	2.466
22 mm	#7	380.1	2.984
25 mm	#8	490.9	3.854
28 mm	#9	615.8	4.834
32 mm	#10	804.2	6.313
36 mm	#11	1017.9	7.99
40 mm	#12	1256.6	9.865



Reinforcing mesh

Material & Grade

Type	Standard Reinforcing Mesh Customized Rebar Mat
Steel Grade	CRB550, HRB400, HRB500 A185, A497 B500A, B500B, B500C
Standard	GB/T 1499.3 ASTM A185, ASTM A497 BS 4483
Welding Process	Fully Automatic Resistance Welding
Weld Shear Strength	GB/T 1499.3、ASTM A497
Surface	1. As Welded 2. Galvanized
Applications	Concrete slab, Concrete wall, Prefabricated component Tunnel, airport, port



As Welded



Galvanized

Model	Mesh Spacing (mm)	Wire Diameter (mm)	Sheet Size (m)	Theoretical Weight (kg/m²)
A Model	200 x 200	6	2.0 x 6.0	2.22
B Model	100 x 100	6	2.0 x 6.0	4.44
C Model	150 x 150	7	2.0 x 6.0	4.33
D Model	100 x 100	8	2.0 x 6.0	7.9
E Model	100 x 100	10	2.4 x 6.0+	12.34
F Model	150 x 150	10	2.4 x 6.0+	8.25
Rectangular	100 x 200	8.0x 6.0	2.0 x 6.0	4.95

Packaging Details:

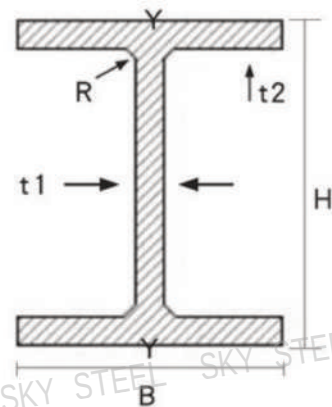
Bundled Packing:
The net sheets are stacked together and securely tied with steel bands to form a strong package.



Pallets: For large orders, the bundled packages are fixed onto wooden pallets, making it convenient for forklift operations.



H-Beam



H型钢规格

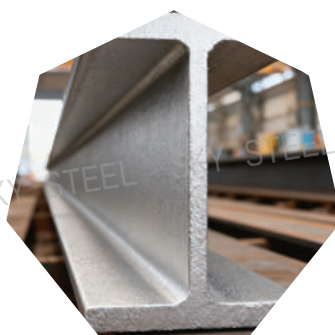
H-腹板高度
B-翼缘宽度
t1-腹板厚度
t2-翼缘厚度
r-圆角

Material & Grade

Type & Series	Wide Flange (WF) HE/HL Series W/M/S/HP Series H Series
Steel Grade	Q235B, Q355B ASTM: A36, A572 Gr.50, A992 S235JR, S355JR
Standard	GB/T 11263 ASTM A6/A6M, ASTM A992
Section Dimensions	(H) x (B) x (t1) x (t2)
Length	12m, 12.5m, 15m, 18m (Standard), Customized Lengths Available
Process	Hot Rolled
Appearance	As Rolled / Shot Blasted/ Primed/Galvanized



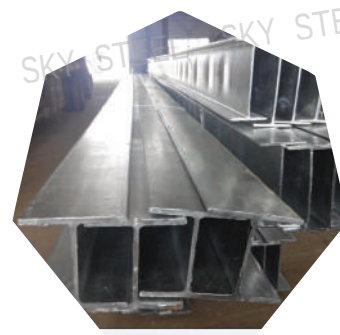
Black



Shot Blasted

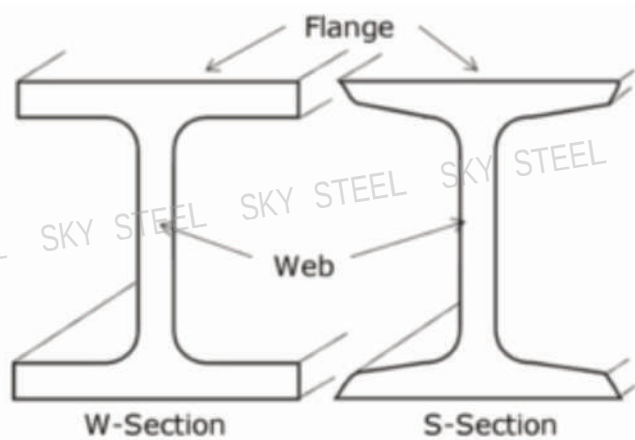


Primed



Galvanized

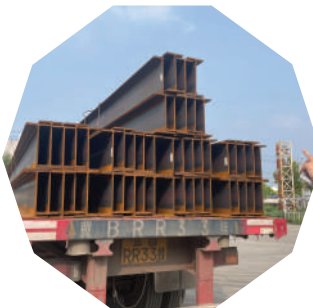
I-Beam



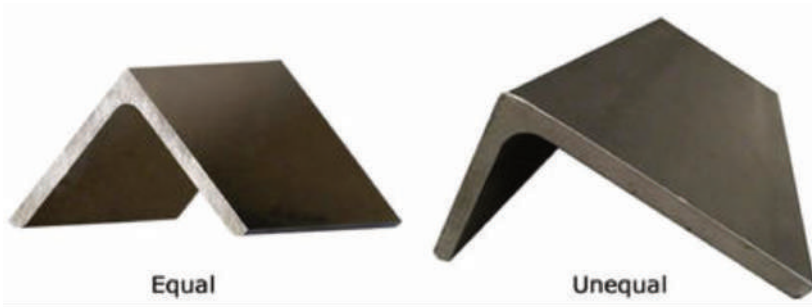
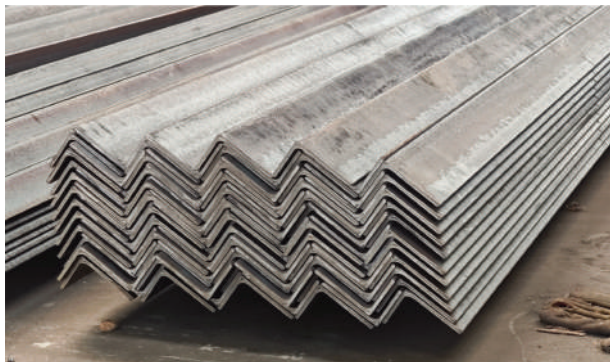
Material & Grade	
Type & Series	GB Standard I-Beam Lightweight I-Beam
Steel Grade	Q235B, Q355B ASTM A36, SS400, S235JR, S355JR
Standard	GB/T 706 JIS G3192 ASTM A6/A6M
Nominal Size	Expressed in waist height (cm): 10#, 12#, 16#, 20#, 25#, 32#, 40#, 56# Example: 20# indicates a waist height of 200mm
Section Dimensions	腰高 (h) x 腿宽 (b) x 腰厚 (d)
Length	6m, 9m, 12m (Standard), Customized Lengths Available
Process	Hot Rolled
Appearance	As Rolled/ Shot Blasted / Primed/Galvanized

Packaging Details:

Standard Export Bundle: Bundled with high-strength steel straps.
20GP: 22-26ton



Angle Bar (Equal)



Material & Grade	
Type	Equal Angle Unequal Angle
Steel Grade	GB: Q235B, Q355B ASTM: A36, A572-50 EN: S235JR, S275JR, S355JR
Standard	GB/T 706 ,ASTM A36/A36M ,EN 10025,JIS G3192
Size Designation	Equilateral: Leg width (b) x Leg width (b) x Thickness (t) Irregular: Long leg width (B) x Short leg width (b) x Thickness (t) Example: 50mm x 50mm x 5mm or 100mm x 75mm x 8mm
Leg Width (b/B)	Equilateral: 20mm - 200mm
Thickness (t)	3mm - 24mm
Length	6m, 9m, 12m (standard lengths), or custom lengths
Process	Hot Rolled
Surface Treatment	1. Black (As Rolled) 2. Hot-Dip Galvanized 3. Painted 4. Shot Blasted
Category	Cutting / Drilling & Punching/ Welding/Cold Bending



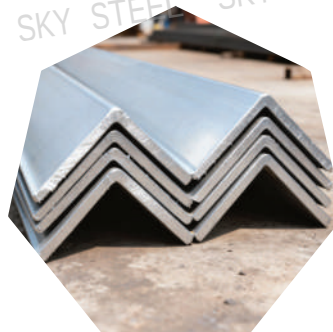
Black



Shot Blasted



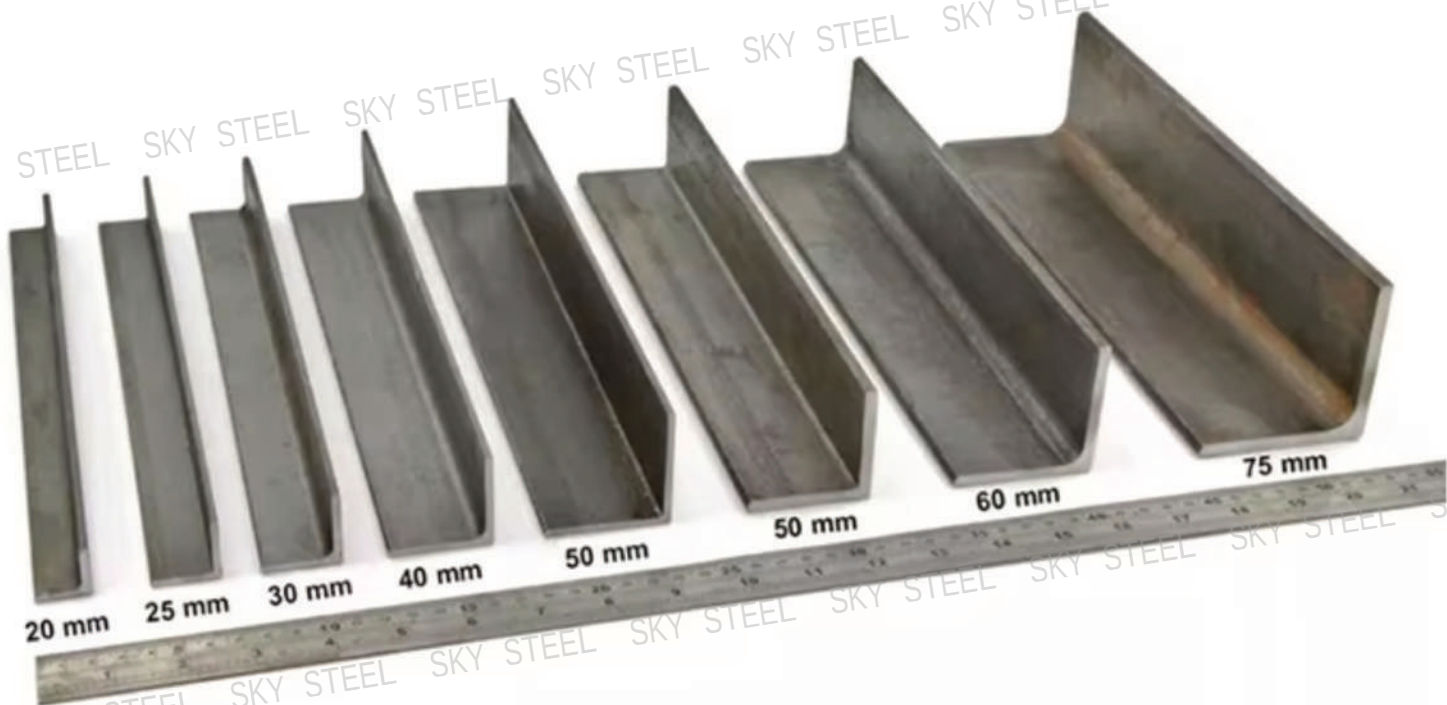
Primed



Galvanized

Angle Steel (Unequal)

Mild Steel Angle Lron 200 mm - 3000 mm Long



Cutting



Drilling & Punching



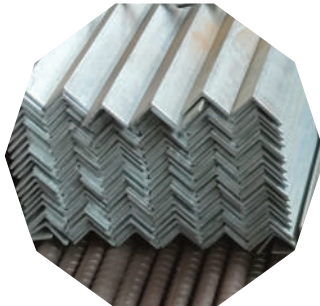
Welding



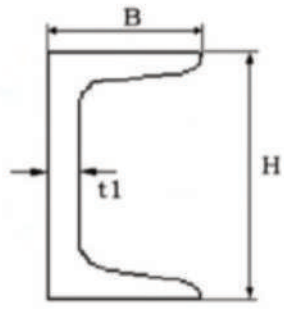
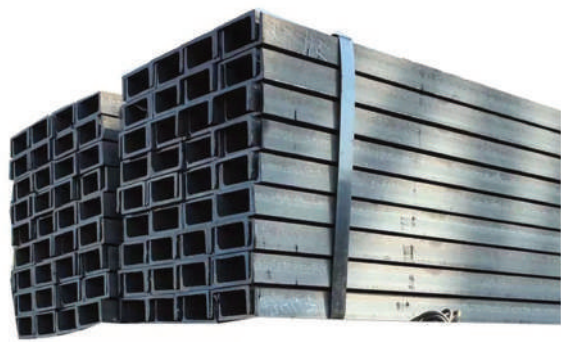
Cold Bending

Packaging Details:

Standard Export Bundle: Securely tied with high-strength steel bands, it can be covered with waterproof paper or plastic film.



U Channel



H=高度 B=腿宽 t1=腰厚

Material & Grade	
Type & Series	GB Standard Channel Lightweight Channel
Steel Grade	中国标准: Q235B, Q355B 国际标准 (ASTM): A36, A572 Gr.50 欧洲标准: S235JR, S275JR, S355JR 日标
Standard	GB/T 706 ASTM A6/A6M EN 10279 (UPE/UPN)
Size Designation	(h) x(b) x (d) Example: 200mm x 75mm x 9.0mm European standard: UPE 200, UPN 180 (numbers represent height)
Process	Hot Rolled
Surface Treatment	1. Black (As Rolled) 2. Hot-Dip Galvanized 3. Painted 4. Shot Blasted
Category	Cutting / Drilling & Punching/ Welding/Cold Bending



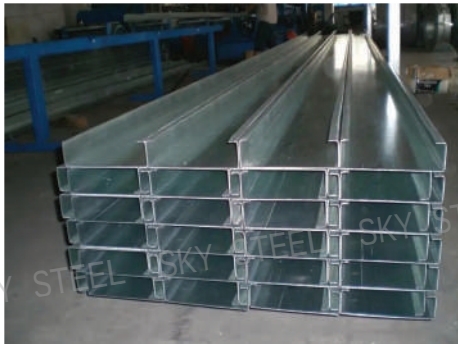
Black



Galvanized



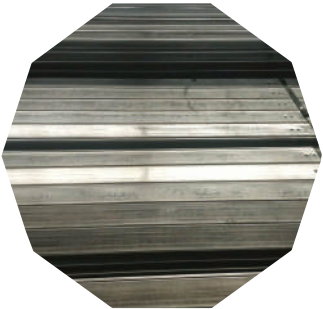
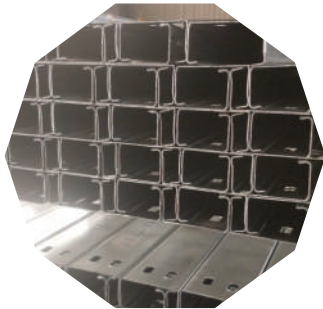
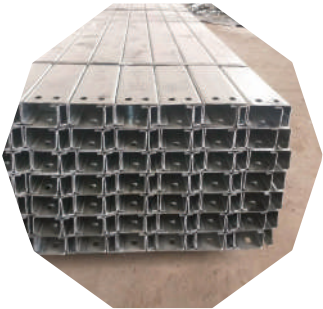
C Channel



Material & Grade	
Type	C-Purlin Lipped C-Purlin
Steel Grade	Q235, Q345 S350GD, S280GD ASTM: A653 SS Gr.550, Gr.345
Standard	GB/T 6725、ASTM A1003、EN 10162
Section Dimensions	总高(H) x 腿宽(B) x 卷边(C) x 厚度(T) 示例: 100mm x 50mm x 20mm x 2.0mm
Common Series	C80, C100, C120, C140, C160, C180, C200, C220, C250 (The numbers represent the height, in millimeters)
Thickness (T)	1.2mm - 3.0mm
Length	1m - 12m
Process	Cold Roll Forming
Surface Treatment	Galvanized

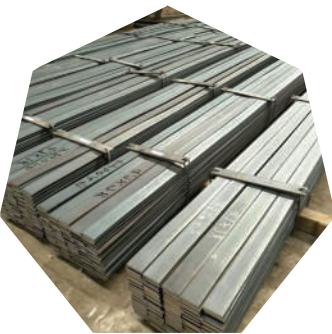
Packaging Details:

Standard Export Bundle: Securely tied with high-strength steel bands, it can be covered with waterproof paper or plastic film.

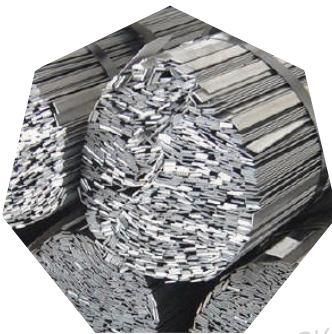


Flat Bar

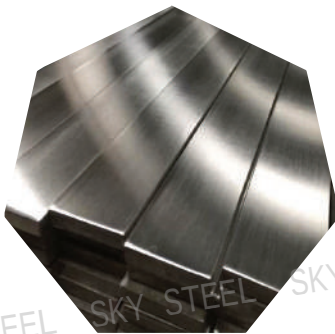
Material & Grade	
Type & Series	Hot Rolled Flat Bar
Steel Grade	Q235, A36, S235JR Q345, A572 Gr.50, S355JR
Standard	GB/T 702, ASTM A36, EN 10058
Theoretical Weight	Weight (kg/m) = Width (mm) × Thickness (mm) × 0.00785
Surface Condition	Black
Delivery Condition	As Rolled Shot Blasted Pickled
Category	Cutting / Drilling & Punching/ Welding/Cold Bending



Black



Galvanized



Cold Drawn Bright



Pickled

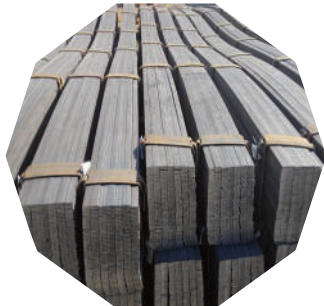
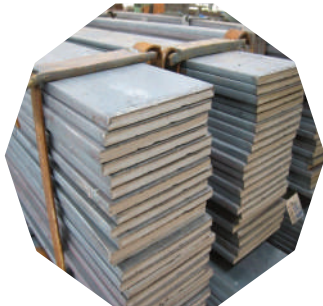
Width (mm)	Thickness (mm)	Theoretical weight (kg/m)	Approximate imperial (inch)
20	3, 4, 5	0.47, 0.63, 0.79	3/4" x 1/8", 3/16"
25	3, 4, 5, 6	0.59, 0.79, 0.98, 1.18	1" x 1/8", 3/16", 1/4"
30	3, 4, 5, 6, 8	0.71, 0.94, 1.18, 1.41, 1.88	1-1/4" x 1/8", 1/4", 5/16"
40	4, 5, 6, 8, 10	1.26, 1.57, 1.88, 2.51, 3.14	1-1/2" x 3/16", 1/4", 3/8"
50	5, 6, 8, 10, 12	1.96, 2.36, 3.14, 3.93, 4.71	2" x 3/16", 1/4", 3/8", 1/2"
60	6, 8, 10, 12	2.83, 3.77, 4.71, 5.65	2-1/2" x 1/4", 3/8", 1/2"
80	8, 10, 12, 16	5.02, 6.28, 7.54, 10.05	3" x 5/16", 3/8", 1/2", 5/8"
100	10, 12, 16, 20	7.85, 9.42, 12.56, 15.70	4" x 3/8", 1/2", 5/8", 3/4"

Material & Grade	
Type & Series	Cold Drawn
Steel Grade	Q235, 1018, S235JR 45#, 1045, C45, S45C 40Cr, 4140
Standard	GB/T 905, ASTM A108, EN 10058
Mechanical Properties	The strength is slightly higher than that of the hot-rolled state (due to work hardening) Medium-carbon steel can be heat-treated to achieve even higher strength
Surface Condition	Bright/ Smooth
Delivery Condition	Cold Drawn Bright Precision Ground

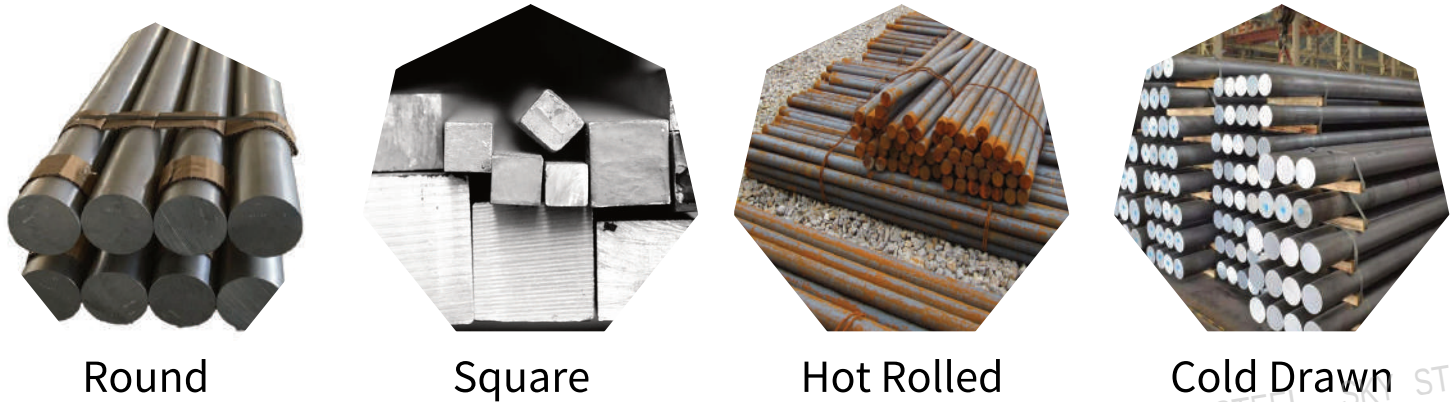
Width (mm)	Thickness (mm)	Theoretical weight (kg/m)	Metric approximation (inches)	accuracy class
10	2, 3, 4	0.16, 0.24, 0.31	3/8" x 0.08", 1/8"	h9 (~±0.05mm)
12	3, 4, 5	0.28, 0.38, 0.47	1/2" x 1/8", 3/16"	h9 (~±0.05mm)
16	4, 5, 6	0.50, 0.63, 0.75	5/8" x 3/16", 1/4"	h9 (~±0.05mm)
20	5, 6, 8, 10	0.79, 0.94, 1.26, 1.57	3/4" x 3/16", 1/4", 5/16"	h9 (~±0.05mm)
25	6, 8, 10	1.18, 1.57, 1.96	1" x 1/4", 5/16", 3/8"	h10 (~±0.08mm)
30	6, 8, 10	1.41, 1.88, 2.36	1-1/4" x 1/4", 5/16", 3/8"	h10 (~±0.08mm)
40	8, 10, 12	2.51, 3.14, 3.77	1-1/2" x 5/16", 3/8", 1/2"	h11 (~±0.12mm)
50	10, 12	3.93, 4.71	2" x 3/8", 1/2"	h11 (~±0.12mm)

Packaging Details:

According to length: Use steel bands to tightly bundle products of the same specification and length into a compact package.
For coated products: Each bundle should be fully covered with waterproof woven fabric for protection.



Round Bar



Material & Grade	
Process	Hot Rolled Cold Drawn
Steel Grade	Low carbon steel: Q235, A36, 1020, S235JR Medium carbon steel: 45#, 1045, C45, S45C Alloy steel: 40Cr, 4140, 42CrMo, SCM440 Stainless steel: 304, 316, 420 Bearing steel: GCr15, SUJ2
Standard	GB/T 702 (Hot Rolling) / GB/T 905 (Cold Drawing) ASTM A36 (Hot Rolling) / ASTM A108 (Cold Drawing)
Theoretical Weight	Weight (kg/m) = 0.006165 × Diameter ² (mm)
Mechanical Properties	Low carbon steel (A36): Yield strength ≥ 250 MPa Medium carbon steel (1045): Tensile strength ≥ 650 MPa (heat treated) Alloy steel (4140): Tensile strength ≥ 950 MPa (after quenching and tempering)
Typical Hardness	Hot-rolled state: HBW 130-180 Cold-rolled state: HBW 150-220 After heat treatment: HRC 25-55 (depending on the material)
Surface Treatment	1. Black (Hot-rolled black surface) 2. Cold Drawn Bright (Cold drawn bright) 3. Precision Ground (Precisely ground) 4. Peeled/Turned (Peel off/Polish) 5. Galvanized (Galvanized)

Packaging Details:

Hot-rolled: Securely tied, covered with waterproof material.
Cold-drawn/ polished: Wrapped with anti-rust paper and then tied, or protected using wooden boxes/wooden racks.

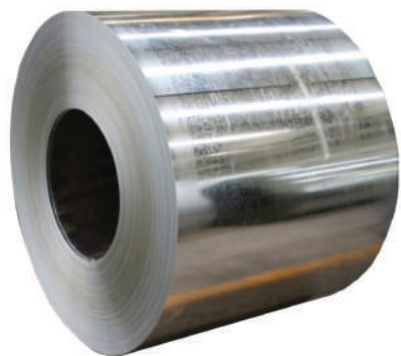
Hot Rolled:

Nominal diameter (mm)	Approximate imperial (inch)	Theoretical weight (kg/m)	Nominal diameter (mm)	Approximate imperial (inch)	Theoretical weight (kg/m)
10	3/8"	0.617	65	2-1/2"	26
12	1/2"	0.888	70	2-3/4"	30.21
14	9/16"	1.208	75	3"	34.68
16	5/8"	1.578	80	3-1/8"	39.46
18	3/4"	1.998	90	3-1/2"	49.94
20	3/4"	2.466	100	4"	61.65
22	7/8"	2.984	120	4-3/4"	88.78
25	1"	3.854	150	6"	138.72
28	1-1/8"	4.834	200	8"	246.62
30	1-1/4"	5.55	250	10"	385.34
32	1-1/4"	6.313	300	12"	554.85
36	1-3/8"	7.99	350	14"	755.14
40	1-1/2"	9.865			

Cold Drawn

Nominal diameter (mm)	Approximate imperial (inch)	Theoretical weight (kg/m)	Common accuracy grades
3	1/8"	0.055	h9 (±0.025mm)
4	5/32"	0.099	h9 (±0.030mm)
5	3/16"	0.154	h9 (±0.030mm)
6	1/4" (approximate)	0.222	h9 (±0.030mm)
8	5/16"	0.395	h9 (±0.036mm)
10	3/8"	0.617	h9 (±0.036mm)
12	1/2"	0.888	h9 (±0.043mm)
14	9/16"	1.208	h10 (±0.070mm)
16	5/8"	1.578	h10 (±0.070mm)
18	3/4" (approximate)	1.998	h10 (±0.070mm)
20	3/4"	2.466	h10 (±0.084mm)
25	1"	3.854	h11 (±0.130mm)
30	1-1/4" (approximate)	5.55	h11 (±0.130mm)
40	1-1/2"	9.865	h11 (±0.160mm)
50	2"	15.413	h11 (±0.190mm)

Galvanized Coil



Hot-Dip Galvanized (GI) Steel Coil

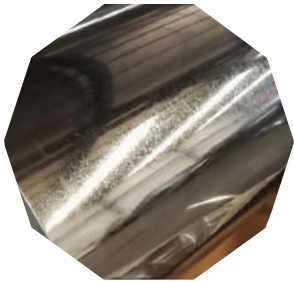
Process	Immersing steel coil in molten zinc to form a zinc-iron alloy coating.
Substrate	Low Carbon Cold Rolled Steel Coil
Standards	ASTM A653, EN 10346, JIS G 3302, GB/T 2518
Coating Weight	Code: Z60 - Z600, Z60, Z90, Z120, Z180, Z275 Mass: 60 - 600 g/m ²
Surface Treatment	Regular Chromate Passivation, Chrome-Free Passivation, Oiled, Phosphated
Spangle	Minimal Spangle, Regular Spangle, Zero Spangle

Parameter	Standard Range	Most Common Specifications
Thickness	0.15 mm ~ 6.0 mm	0.3mm, 0.4mm, 0.5mm, 0.6mm, 0.8mm, 1.0mm, 1.2mm, 1.5mm, 2.0mm
Width	600 mm ~ 1500 mm	1000mm, 1219mm (48"), 1250mm, 1500mm
Inner Diameter (I.D.)	508 mm (20") / 610 mm (24")	610mm (24")
Coil Weight	3 ~ 28 ton / MT	5-10ton, 10-20ton

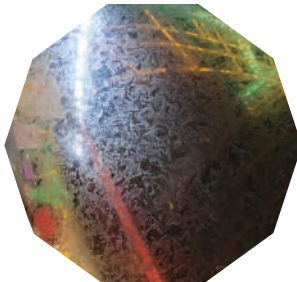
Electro-Galvanized (EG/ECC) Steel Coil

Process	Using electrolysis to deposit a uniform zinc layer on the steel surface.
Substrate	Low Carbon Cold Rolled Steel Coil
Standards	ASTM A879, JIS G 3313, GB/T 15675
Coating Weight	One Side: 10g/m ² , 20g/m ² Both Sides: 20/20, 30/30, 40/40, 60/60 g/m ²
Surface Treatment	Phosphated Chrome-Free Passivation
Surface Finish	Smooth & Uniform

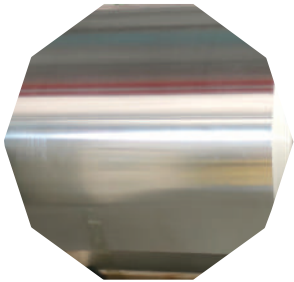
Parameter	Standard Range	Most Common Specifications
Thickness	0.4 mm ~ 3.0 mm	0.6mm, 0.8mm, 1.0mm, 1.2mm, 1.5mm, 2.0mm
Width	600 mm ~ 1500 mm	800mm, 1000mm, 1219mm (48"), 1250mm
Inner Diameter (I.D.)	508 mm (20") / 610 mm (24")	610mm (24")
Coil Weight	3 ~ 15 ton / MT	5-10ton



Minimal Spangle



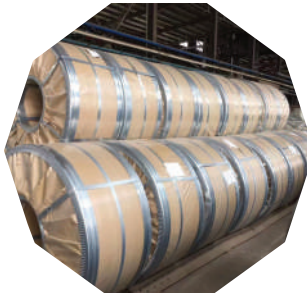
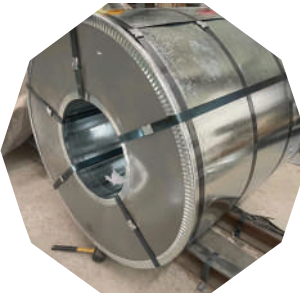
Regular Spangle



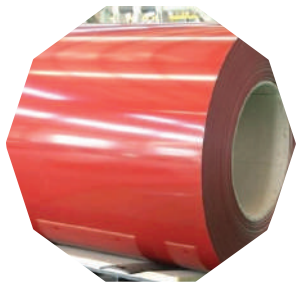
Zero Spangle

Packaging Details:

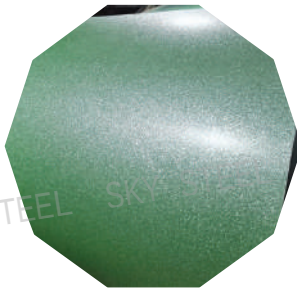
Inner Pack: Plastic/steel protectors on both ends, reinforced inner core.
Outer Pack: Fully wrapped with waterproof cloth or VCI film, secured with steel straps.
Support: Wooden pallets or steel cradles for stable and safe stacking.
Marking: Clear shipping marks with size, weight, weatherproof, and handling instructions.



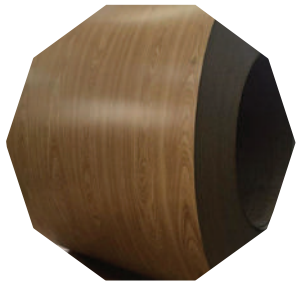
PPGI



Smooth



Matte



Embossed

Substrate and coating system	
Substrate	Hot-Dip Galvanized Steel (GI) Aluminum-Zinc Alloy Coated Steel (GL/AZ) Galvanized Steel (GA)
Coating System	2-coats-2-bake (Primer + Topcoat) 1-coat-1-bake (Topcoat only)
Standards	ASTM A653, EN 10346, JIS G 3302, GB/T 2518
Primer	Epoxy, Polyester
Topcoat	Regular Chromate Passivation, Chrome-Free Passivation, Oiled, Phosphated
Spangle	Polyester (PE) Siliconized Polyester (SMP) High Durability Polyester (HDP) Polyvinylidene Fluoride (PVDF)
Surface Finish	Smooth Matte Embossed

Parameter	Standard Range	Most Common Specifications
Substrate Thickness	0.15 mm ~ 1.5 mm	0.35mm, 0.40mm, 0.45mm, 0.50mm, 0.60mm, 0.80mm
Coated Thickness	0.17 mm ~ 1.55 mm	-
Coated Width	600 mm ~ 1300 mm	1000mm, 1025mm, 1200mm, 1250mm
Inner Diameter (I.D.)	508 mm (20") / 610 mm (24")	610mm (24")
Coil Weight	3 ~ 12 ton	5-10ton



Color and Appearance

ral 1000	ral 1001	ral 1002	ral 1003	ral 1004	ral 1005	ral 1006	ral 1007
ral 1011	ral 1012	ral 1013	ral 1014	ral 1015	ral 1016	ral 1017	ral 1018
ral 1019	ral 1020	ral 1021	ral 1023	ral 1024	ral 1027	ral 1028	ral 1032
ral 1033	ral 1034	ral 2000	ral 2001	ral 2002	ral 2003	ral 2004	ral 2008
ral 2009	ral 2010	ral 2011	ral 2012	ral 3000	ral 3001	ral 3002	ral 3003
ral 3004	ral 3005	ral 3007	ral 3009	ral 3011	ral 3012	ral 3013	ral 3014
ral 3015	ral 3016	ral 3017	ral 3018	ral 3020	ral 3022	ral 3027	ral 3031
ral 4001	ral 4002	ral 4003	ral 4004	ral 4005	ral 4006	ral 4007	ral 4008
ral 4009	ral 5000	ral 5001	ral 5002	ral 5003	ral 5004	ral 5005	ral 5007
ral 5008	ral 5009	ral 5010	ral 5011	ral 5012	ral 5013	ral 5014	ral 5015
ral 5017	ral 5018	ral 5019	ral 5020	ral 5021	ral 5022	ral 5023	ral 5024
ral 6000	ral 6001	ral 6002	ral 6003	ral 6004	ral 6005	ral 6006	ral 6007
ral 6008	ral 6009	ral 6010	ral 6011	ral 6012	ral 6013	ral 6014	ral 6015
ral 6016	ral 6017	ral 6018	ral 6019	ral 6020	ral 6021	ral 6022	ral 6024
ral 6025	ral 6026	ral 6027	ral 6028	ral 6029	ral 6032	ral 6033	ral 6034
ral 7000	ral 7001	ral 7001	ral 7002	ral 7003	ral 7004	ral 7005	ral 7006
ral 7008	ral 7009	ral 7010	ral 7011	ral 7012	ral 7013	ral 7015	ral 7016
ral 7021	ral 7022	ral 7023	ral 7024	ral 7026	ral 7030	ral 7031	ral 7032

You can choose the color you like, and all the colors we can meet your needs!

There will be no color difference in the product!

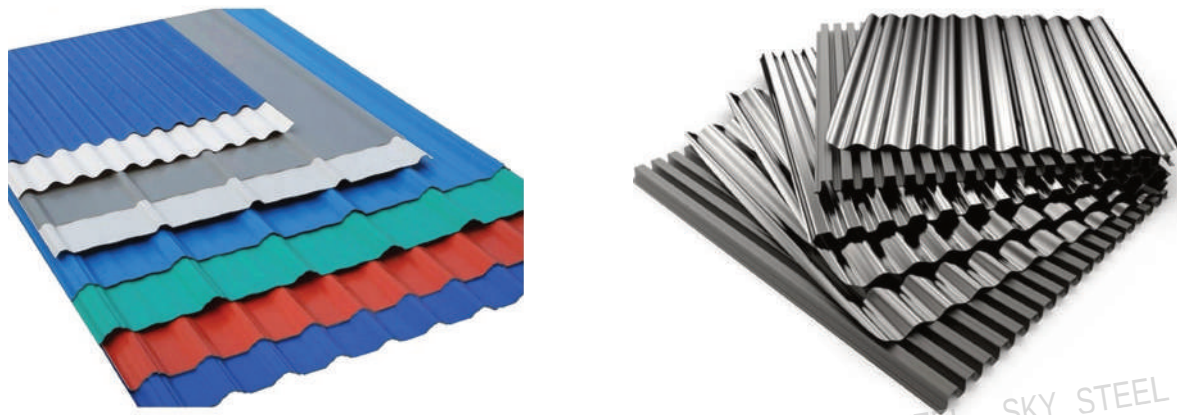


Packaging Details:

Inner Pack: Plastic/steel protectors on both ends, reinforced inner core.
Outer Pack: Fully wrapped with waterproof cloth or VCI film, secured with steel straps.
Support: Wooden pallets or steel cradles for stable and safe stacking.
Marking: Clear shipping marks with size, weight, weatherproof, and handling instructions.



Corrugated steel plate



Material & Grade

Substrate

Hot-Dip Galvanized Steel (GI)
Aluminum-Zinc Alloy Coated Steel (GL/AZ)

Coating System

Primer: Epoxy, Polyester
Topcoat: Polyester (PE), Siliconized Polyester (SMP), High Durability Polyester (HDP), Polyvinylidene Fluoride (PVDF)

Coating Thickness

Top Side: 20 ~ 25 μm
Back Side: 5 ~ 15 μm

Standard Colors

RAL Classic

Special Coatings

PVC Lamination
Anti-Scratch Coating

Packaging Details:

Inner packaging: A PE protective film is placed between each sheet of the board to prevent scratches.
Outer packaging: Depending on the length of the board and the mode of transportation, use wooden pallets or wooden racks for fixation, and then wrap it with waterproof woven fabric or stretch film.
Protection measures: Add protective corners, and secure the steel bands tightly.
Shipping label: Clear shipping marks, indicating dimensions, weight, moisture-proofing, do not stack, etc.

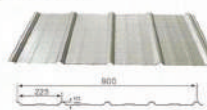


Category

Standard Specifications

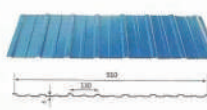
Effective Coverage Width	600mm, 750mm, 800mm, 840mm, 900mm, 1000mm, 1200mm
Sheet Thickness	0.35mm ~ 1.0mm
Corrugation Height	15mm ~ 80mm
Corrugation Pitch	80mm ~ 300mm
Standard Length	Customized according to customer requirements, usually ≤ 12 meters (subject to transportation restrictions)

YX15-225-900



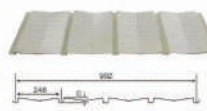
压型钢板号 Type	YX15-225-900	用途 Application
有效覆盖宽度 (mm) Effect width	900	
展开宽度 (mm) Feeding width	1000	
板厚 (mm) Thickness	0.4 0.5 0.6	屋面内衬, 墙面板 Roof lining and wall panel
截面惯性矩 (cm ⁴ /M) Section inertia	5.30 6.65 8.09	
截面抵抗矩 (cm ³ /M) Section resistance	2.62 3.56 4.21	

YX8-130-910



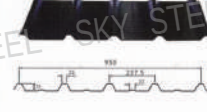
压型钢板号 Type	YX8-130-910	用途 Application
有效覆盖宽度 (mm) Effect width	910	
展开宽度 (mm) Feeding width	1000	
板厚 (mm) Thickness	0.4 0.6 0.8	屋面内衬, 墙面板 Roof lining and wall panel
截面惯性矩 (cm ⁴ /M) Section inertia	5.81 8.85 11.12	
截面抵抗矩 (cm ³ /M) Section resistance	2.19 4.56 6.07	

YX25-248-992



压型钢板号 Type	YX25-248-992	用途 Application
有效覆盖宽度 (mm) Effect width	992	
展开宽度 (mm) Feeding width	1200	
板厚 (mm) Thickness	0.5 0.6 0.8	墙面板 Wall panel
截面惯性矩 (cm ⁴ /M) Section inertia	7.10 9.80 12.40	
截面抵抗矩 (cm ³ /M) Section resistance	3.10 5.20 7.30	

YX35-237.5-950



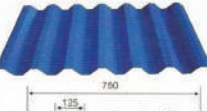
压型钢板号 Type	YX35-237.5-950	用途 Application
有效覆盖宽度 (mm) Effect width	950 (复合板压型)	
展开宽度 (mm) Feeding width	1200	墙面板 Wall panel
板厚 (mm) Thickness	0.4-0.6	
截面惯性矩 (cm ⁴ /M) Section inertia		
截面抵抗矩 (cm ³ /M) Section resistance		

YX25-210-840



压型钢板号 Type	YX25-210-840	用途 Application
有效覆盖宽度 (mm) Effect width	840	
展开宽度 (mm) Feeding width	1000	
板厚 (mm) Thickness	0.5 0.6	屋面, 墙面板 Roof and wall panel
截面惯性矩 (cm ⁴ /M) Section inertia	4.44 5.38	
截面抵抗矩 (cm ³ /M) Section resistance	6.98 8.31	

YX35-125-750(V-125)



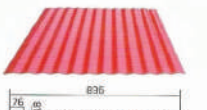
压型钢板号 Type	YX35-125-750(V-125)	用途 Application
有效覆盖宽度 (mm) Effect width	750	
展开宽度 (mm) Feeding width	1000	
板厚 (mm) Thickness	0.5 0.6 0.8	屋面, 墙面板 Roof and wall panel
截面惯性矩 (cm ⁴ /M) Section inertia	11.54 13.85 18.89	
截面抵抗矩 (cm ³ /M) Section resistance	6.23 7.48 10.00	

YX28-207-828



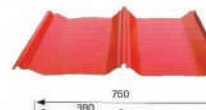
压型钢板号 Type	YX28-207-828	用途 Application
有效覆盖宽度 (mm) Effect width	828	
展开宽度 (mm) Feeding width	1000	
板厚 (mm) Thickness	0.5 0.6	屋面, 墙面板 Roof and wall panel
截面惯性矩 (cm ⁴ /M) Section inertia	14.80 17.76	
截面抵抗矩 (cm ³ /M) Section resistance	12.32 14.76	

YX18-76-608/836/988/1064



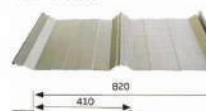
压型钢板号 Type	YX18-76-608/836/988/1064	用途 Application
有效覆盖宽度 (mm) Effect width	608/836/988/1064	
展开宽度 (mm) Feeding width	762/1000/1200/1250	
板厚 (mm) Thickness	0.5 0.6	屋面, 墙面板 Roof and wall panel
截面惯性矩 (cm ⁴ /M) Section inertia	2.45 2.94	
截面抵抗矩 (cm ³ /M) Section resistance	2.57 3.07	

YX76-380-760



压型钢板号 Type	YX76-380-760	用途 Application
有效覆盖宽度 (mm) Effect width	760	
展开宽度 (mm) Feeding width	1000	
板厚 (mm) Thickness	0.6 0.8 1.0	屋面板 Roof panel
截面惯性矩 (cm ⁴ /M) Section inertia	37.27 49.69 62.10	
截面抵抗矩 (cm ³ /M) Section resistance	12.29 16.39 20.48	

YX54-410-820



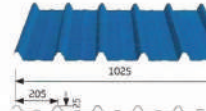
压型钢板号 Type	YX54-410-820	用途 Application
有效覆盖宽度 (mm) Effect width	820	
展开宽度 (mm) Feeding width	1000	
板厚 (mm) Thickness	0.6 0.8 1.0	屋面板 Roof panel
截面惯性矩 (cm ⁴ /M) Section inertia	37.53 49.77 62.14	
截面抵抗矩 (cm ³ /M) Section resistance	12.41 16.52 20.59	

YX25-205-820

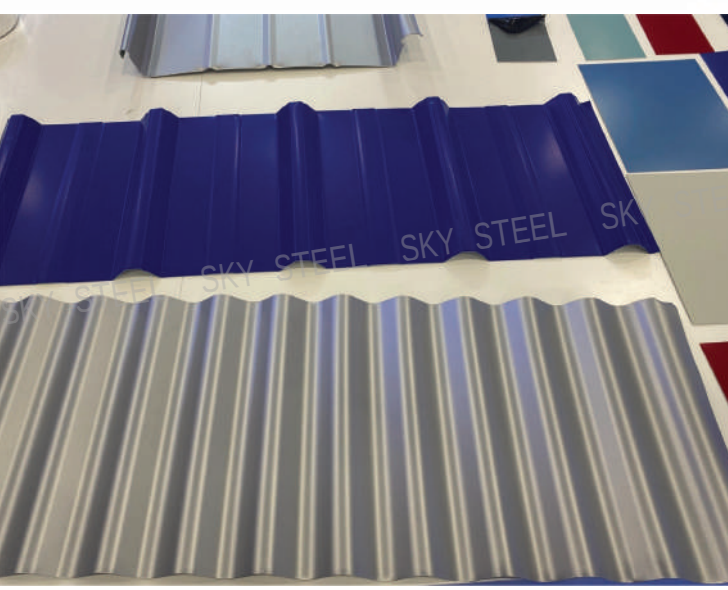


压型钢板号 Type	YX25-205-820	用途 Application
有效覆盖宽度 (mm) Effect width	820	
展开宽度 (mm) Feeding width	1000	
板厚 (mm) Thickness	0.5 0.6	屋面, 墙面板 Roof and wall panel
截面惯性矩 (cm ⁴ /M) Section inertia	4.38 5.32	
截面抵抗矩 (cm ³ /M) Section resistance	7.18 8.55	

YX25-205-1025



压型钢板号 Type	YX25-205-1025	用途 Application
有效覆盖宽度 (mm) Effect width	1025	
展开宽度 (mm) Feeding width	1200	
板厚 (mm) Thickness	0.5 0.6	屋面, 墙面板 Roof and wall panel
截面惯性矩 (cm ⁴ /M) Section inertia	9.18 10.76	
截面抵抗矩 (cm ³ /M) Section resistance	4.68 5.62	



We can supply various profiles, colors, and specifications of color steel corrugated sheets based on your project requirements. Customized production is available. Free color cards and technical data sheets are offered!