EASTERN STEEL

EST Group

Business Type : Steel Supplier

Main Products :

Rebar & Wire Rod | GI / GL Coils, Sheets & Strips

PPGI & PPGL Coils | Steel Billets

Seamless & Welded Steel Pipes | H / I Beams

Channel Steel | Equal Angle Steel

Eastern Steel

Phone: +86 130 6724 7276

WhatsApp: +86 130 6724 7276

Email: info@eststeel.com

Website: https://www.eststeel.com

Address: Capital Plaza, Qingdao, Shandong, China

Eastern Steel

Professional Steel Supplier

Member of EST Group

EASTERN STEEL

PRODUCT CATALOGUE

Company Profile

Eastern Steel, a core member of EST Group, is a professional steel supplier of long products, flat products, and pipes from China to global markets.

From our base in China, we source from qualified mills in accordance with GB/T, EN, ASTM, JIS and API standards and export mainly to the Middle East, Africa, Southeast Asia and Latin America. Our product range covers reinforcing steel, structural sections, galvanized, Galvalume and pre-painted coils, plates, strips, billets and pipes for construction and industrial applications.

Eastern Steel focuses on stable, long-term cooperation with Chinese mills, strict quality control and third-party inspections (SGS/BV as requested), flexible shipment from major Chinese ports, and professional service for both large projects and regular traders.

Our Advantages

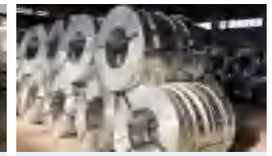
- Part of EST Group – backed by a multi-product trading platform and strong mill relationships.
- One-stop solution – rebar, wire rod, billets, sections, GI, PPGI, pipes from one source.
- Standard compliance – products aligned with GB/T 1499.2, GB/T 706, GB/T 707, GB/T 8163, GB/T 9711, EN 10346, EN 10169, ASTM, API, and other major standards.
- Flexible logistics – container, break-bulk and bulk shipments; 6–12 m lengths or coils.
- International mindset – documentation and service adapted to Middle East, Africa and Europe requirements.

Our Main Steel Products

Rebar
(Reinforcing Steel Bar)

Galvanized / Galvalume
Steel Coil (GI / GL)

Galvanized Steel
Sheet / Plate



Galvanized Steel Strip

PPGI / PPGL
(Prepainted Steel Coil

Steel Pipe
(Seamless / Welded)

Wire Rod

Steel Billet

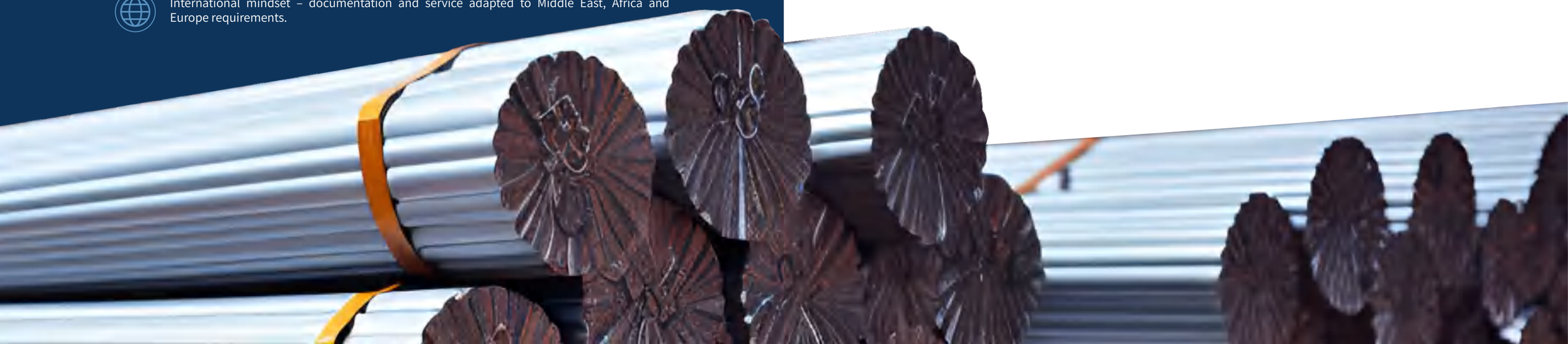
H Beam

I Beam

C Channel Steel

U Channel Steel

Equal Angle Steel



Rebar (Reinforcing Steel Bar)

Hot-rolled ribbed rebars for reinforced concrete, supplied according to GB/T 1499.2 and equivalent ISO and international standards (such as ASTM A615, BS 4449, EN 10080, ISO 6935-2, SI 4466 and others).

Key Features:

High yield strength and ductility (HRB400 / HRB500 and equivalents).

Ribbed profile for superior bond with concrete.

Reliable dimensional tolerance and weight control.

Typical Applications:

Building and infrastructure projects (slabs, beams, columns).

Bridges, tunnels, foundations and industrial facilities.

Rebar – Typical Specifications

Nominal Diameter (mm)	Theoretical Weight (kg/m)	Typical Grade	Typical International Grades	Standards	Common Lengths (m)
8	0.395	HRB400 / HRB500	ASTM A615 Gr.40/60, B500A/B500B	GB/T 1499.2, ASTM A615, BS 4449, EN 10080	6, 9, 12
10	0.617	HRB400 / HRB500	ASTM A615 Gr.40/60, B500A/B500B	GB/T 1499.2, ASTM A615, BS 4449, EN 10080	6, 9, 12
12	0.888	HRB400 / HRB500	ASTM A615 Gr.40/60, B500A/B500B	GB/T 1499.2, ASTM A615, BS 4449, EN 10080	6, 9, 12
16	1.578	HRB400 / HRB500	ASTM A615 Gr.60, B500B/C	GB/T 1499.2, ASTM A615, BS 4449, EN 10080	6, 12
20	2.466	HRB400 / HRB500	ASTM A615 Gr.60, B500B/C	GB/T 1499.2, ASTM A615, BS 4449, EN 10080	12
25	3.853	HRB400 / HRB500	ASTM A615 Gr.60, B500B/C	GB/T 1499.2, ASTM A615, BS 4449, EN 10080	12
32	6.313	HRB400 / HRB500	ASTM A615 Gr.60, B500B/C	GB/T 1499.2, ASTM A615, BS 4449, EN 10080	12
40	9.865	HRB400 / HRB500	ASTM A615 Gr.60/75, B500C	GB/T 1499.2, ASTM A615, BS 4449, EN 10080	12

Wire Rod

Low- and medium-carbon steel wire rod supplied in coils, suitable for drawing, mesh, fasteners and other downstream products. Common grades include Q195, Q235, SAE1006, SAE1008.

Key Features:

Good ductility and surface quality.

Close dimensional tolerances and homogeneous coils.

Suitable for cold drawing and processing.

Typical Applications:

Wire drawing, nails, mesh, binding wire.

Fasteners, springs, small components.

Wire Rod – Typical Specifications

Diameter (mm)	Typical Grades	Standards	Coil Weight (t)	Typical Coil Inner Diameter (mm)	Delivery Condition
5.5	Q195, Q235, SAE1006, SAE1008	GB/T 701, SAE, IS 7904	1.8 – 2.1	≈850–910	Hot rolled in coil
6.5	Q195, Q235, SAE1006, SAE1008	GB/T 701, SAE, IS 7904	1.8 – 2.1	≈850–910	Hot rolled in coil
8	Q235, SAE1008, SAE1010	GB/T 701, SAE, IS 7904	1.8 – 2.1	≈850–910	Hot rolled in coil
10–12	Q235, SAE1008–1010	GB/T 701, SAE, IS 7904	1.8 – 2.1	≈850–910	Hot rolled in coil
Range	5.5 – 16	Low/medium carbon classes	As above	As above	As above

Galvanized & Galvalume Steel Coil (GI/GL)

Hot-dip galvanized (GI, Z-coating) and Galvalume (GL, AZ-coating) steel coils with continuous metallic coating, produced according to EN 10346, ASTM A653 / A792 and JIS G3302 / JIS G3321, using commercial and structural grades such as DX51D, DX52D, SGCC or equivalent.

Key Features:

Zinc coating for long-term corrosion protection.

Wide thickness and width range.

Multiple spangle and surface options.

Option of zinc (GI, Z-coating) or aluminum-zinc (Galvalume, GL, AZ-coating) according to project requirements and environment.

Typical Applications:

Roofing and cladding, purlins and profiles.

Ducting, light structural components and fabrication.Galvalume (GL) is recommended for coastal and industrial environments requiring enhanced corrosion resistance.

Galvanized Steel Coil – Typical Specifications

Thickness (mm)	Width (mm)	Z / AZ Coating (g/m^2, both sides)	Base Grade	Surface / Treatment	Coil ID (mm)	Typical Coil Weight (t)	Standards
0.20 – 0.30	600 – 1,000	Z40 – Z140	DX51D, SGCC	Regular/zero spangle, oiled/dry	508 / 610	3 – 8	EN 10346, JIS G3302
0.30 – 0.80	914 – 1,250	Z60 – Z275	DX51D, DX52D, S250GD	Regular/mini spangle, skin-pass	508 / 610	3 – 10	EN 10346, ASTM A653
0.80 – 1.50	1,000 – 1,250	Z80 – Z275	S250GD – S350GD	Spangle per order, oiled/dry	508 / 610	5 – 12	EN 10346, ASTM A653
1.50 – 3.00	1,000 – 1,250	Z80 – Z275	Structural grades	Spangle per order	508 / 610	5 – 12	EN 10346, ASTM A653
0.20–3.00	600 – 1,250 (typical)	Z: 40–275 / AZ: 50–150	DX51D and higher forming grades	As ordered	508 / 610	3 – 12	EN 10346, ASTM A653 / A792, JIS G3302 / JIS G3321, EN 10143

PPGI & PPGL Coil (Prepainted Galvanized & Galvalume Steel Coil)

Color-coated steel coils (PPGI & PPGL) with organic coatings applied on galvanized (Z) or Galvalume (AZ) substrate, produced according to EN 10169, ASTM A755 and JIS G3312 / JIS G3322. Coils are available with PE, SMP or PVDF paint systems for different durability requirements.

Key Features:

Attractive appearance with durable color finishes.

Good formability and corrosion resistance.

Multiple paint systems: PE, SMP, HDP, PVDF.

Available on GI (Z-coating) or Galvalume (AZ-coating) substrate to match required lifetime and environment.

Typical Applications:

Roofing and wall cladding, sandwich panels.

Home appliances and light industrial enclosures.

PPGI Coil – Typical Specifications

Thickness (mm)	Width (mm)	Base Grade	Z / AZ Coating (g/m^2)	Top / Back Paint (µm)	Paint Systems (Typical)	Coil ID (mm)	Coil Weight (t)	Standards
0.20 – 0.30	720 – 1,000	DX51D+Z, SGCC	Z60 – Z140	15–20 / 5–7	PE	508 / 610	3 – 5	EN 10169, JIS G3312
0.30 – 0.60	914 – 1,250	DX51D+Z, S250GD	Z70 – Z180	15–20 / 5–10	PE / SMP	508 / 610	3 – 7	EN 10169, ASTM A755
0.50 – 0.80	1,000 – 1,250	S250GD+Z – S350GD	Z100 – Z275	20–25 / 7–10	SMP / HDP	508 / 610	3 – 7	EN 10169, ASTM A755
0.60 – 0.80	1,000 – 1,250	S280GD+Z – S350GD	Z120 – Z275	25 / 7–10	PVDF (high durability)	508 / 610	3 – 7	EN 10169, ASTM A755
0.20–1.20	720 – 1,250	DX51D+Z / DX51D+AZ, SGCC / SGLCC or equivalent	Z: 60–275 / AZ: 50–150	15–25 / 5–10 (typical) or As per customer	PE, SMP, HDP, PVDF	508 / 610	3 – 5 (typical)	EN 10169, ASTM A755, JIS G3312 / G3322

Galvanized Steel Strip (Slit GI Strip)

Narrow GI strips slit from galvanized coils, used for profiles, clamps, cable trays, small sections and pipe forming.

Key Features:

Customized strip width.

Stable zinc coating for forming and welding.

Suitable for roll-forming and pipe making.

GI Strip – Typical Specifications

Thickness (mm)	Strip Width (mm)	Zinc Coating (g/m^2)	Typical Grades	Coil ID (mm)	Typical Coil Weight (t)	Typical Applications
0.30 – 0.50	20 – 200	Z60 – Z140	DX51D, SGCC	508 / 610	2 – 8	Clips, light sections, cable supports
0.50 – 0.80	20 – 400	Z80 – Z180	DX51D, S250GD	508 / 610	2 – 10	Roll-formed profiles, studs
0.80 – 1.50	40 – 400	Z80 – Z275	S250GD – S350GD	508 / 610	3 – 10	Pipe making, structural strip
1.50 – 3.00	50 – 400	Z80 – Z275	Structural GI grades	508 / 610	3 – 10	Heavy profiles, guard rails, hardware

Steel Billet

Continuous cast square steel billets used as feedstock for rolling rebar, wire rod, sections and other long products. Typical steel grades are Q235, Q275, 3SP, 5SP.

Key Features:

Stable chemistry and internal soundness for rolling.

Square cross-section with tight dimensional tolerances.

Suitable for long product mills (rebar, angles, channels, beams).

Typical Applications:

Rolling of rebar, wire rod and structural steel.

Forging and machining of simple sections.

Steel Billet – Typical Specifications

Section (mm)	Typical Length (m)	Typical Grades	Standards	Casting Method	Typical Use
100 × 100	6 – 12	Q235, 3SP, 5SP	GB / enterprise standards	Continuous casting	Rebar, small sections, wire rod
120 × 120	6 – 12	Q235, 3SP, 5SP, Q275	GB / enterprise standards	Continuous casting	Rebar, angles, channels
130 × 130	6 – 12	Q235, 3SP, 5SP, Q275	GB / enterprise standards	Continuous casting	Rebar, wire rod, medium sections
150 × 150	6 – 12	Q235, 3SP, 5SP, Q275	GB / enterprise standards	Continuous casting	Heavy rebar, H/I beams, channels
Range	6 – 12	Carbon steel / low alloy	GB, GOST, EN equivalents	Continuous casting	Long product rolling feedstock

Welded Steel Pipe (ERW / SSAW / LSAW)

Electric-Resistance Welded (ERW) and Submerged Arc Welded (SSAW/LSAW) pipes for water, gas and oil transmission, manufactured under GB/T 9711, API 5L, ASTM A53.

Welded Pipe – Typical Specifications

Type	OD (mm)	WT (mm)	Typical Length (m)	Typical Grades	Standards	Typical Applications
ERW	21.3 – 168.3	1.5 – 10	6 – 12	Q235, Q345, Gr.B	GB/T 3091, GB/T 9711, ASTM A53, API 5L	Water/gas pipelines, structural
ERW	168.3 – 660	3 – 20	6 – 12	Q235, Q345, API 5L B/X42	GB/T 9711, API 5L	Oil/gas, piling, structural
SSAW	219 – 1,420	5 – 20	6 – 18	Q235, Q345, API 5L B/X42–X70	GB/T 9711, API 5L	Long-distance oil & gas pipelines
LSAW	406 – 2,000	6 – 25	6 – 18	Q345, API 5L X42–X70	GB/T 9711, API 5L	High-pressure pipelines, large diameter

Seamless Steel Pipe (Fluid & Structural)

Seamless pipes for fluid transport and mechanical applications according to GB/T 8163, ASTM A106, API 5L and related standards.

Seamless Pipe – Typical Specifications

OD (mm)	WT (mm)	Typical Length (m)	Typical Grades	International Grades	Typical Use	Standards
21.3	2.0 – 4.0	6 – 12	10#, 20#	ASTM A106 Gr.B, API 5L Gr.B	Fluid transport, boiler, general use	GB/T 8163, ASTM A106, API 5L
33.7	3.0 – 6.0	6 – 12	20#, Q345B	ASTM A106 Gr.B, API 5L B/X42	Fluid and structural	GB/T 8163, API 5L
60.3	3.2 – 10	6 – 12	20#, Q345B	ASTM A106 Gr.B, API 5L B/X42	Process pipelines, machinery	GB/T 8163, API 5L
114.3	4.0 – 12	6 – 12	20#, Q345B	ASTM A106 Gr.B, API 5L B/X52	High-pressure fluid / structural	GB/T 8163, ASTM A106
168.3	5.0 – 20	6 – 12	20#, Q345B, Q390	API 5L B/X42/X52	Oil, gas, water pipelines	GB/T 8163, GB/T 9711, API 5L
Range	2 – 60 (WT range)	6 – 12	10, 20, Q345–Q460	ASTM, EN, API grades	Fluid, mechanical & structural uses	GB/T 8163, API 5L, ASTM A106

Galvanized Steel Sheet / Plate (Cut-to-Length GI)

Flat galvanized sheets and plates cut to length from GI coils, used where fixed sizes and easy installation are required.

Key Features:

Uniform zinc coating and flatness.

Trimmed edges and fixed lengths.

Ready for installation or fabrication.

Typical Applications:

Roofing and wall sheets.

Cable trays, enclosures, ducting, light fabrication.

GI Sheet / Plate – Typical Specifications

Thickness (mm)	Width (mm)	Length (mm)	Zinc Coating (g/m²)	Typical Grades	Edge Type	Standards
0.30 – 0.50	800 – 1,000	1,800 – 3,000	Z60 – Z180	DX51D, SGCC	Mill/Trim	EN 10346, JIS G3302
0.50 – 0.80	914 – 1,250	2,000 – 3,000	Z80 – Z275	DX51D, S250GD	Trim	EN 10346, ASTM A653
0.80 – 1.50	1,000 – 1,250	2,000 – 6,000	Z80 – Z275	S250GD – S350GD	Trim	EN 10346, ASTM A653
1.50 – 3.00	1,000 – 1,500	2,000 – 6,000	Z80 – Z275	Structural GI	Trim	EN 10346, ASTM A653

H Beam

Hot-rolled H-shaped beams with wide flanges and excellent load-bearing capacity and section efficiency, produced according to GB/T 11263 and equivalent standards.

Key Features:

High section modulus and bending resistance.

Parallel wide flanges for easy connection and fabrication.

Suitable for welded, bolted and riveted structures.

Typical Applications:

Multi-storey buildings, industrial plants, warehouses.

Bridges, ports, shipbuilding, large steel structures.

H Beam – Typical Specifications

Designation (h × b) mm	H (mm)	B (mm)	Web t_w (mm)	Flange t_f (mm)	Approx. Weight (kg/m)	Typical Grades	Standards	Common Lengths (m)
200 × 100	200	100	5.5–6	8–9	≈21–27	Q235B, Q355B, S235JR	GB/T 11263, EN 10025	6, 9, 12
250 × 125	250	125	6–7	9–10	≈29–36	Q235B, Q355B, S275JR	GB/T 11263, EN 10025	6, 9, 12
300 × 150	300	150	6.5–7.5	10–11	≈36–44	Q235B, Q355B, S355JR	GB/T 11263, EN 10025	6, 12
350 × 175	350	175	7–8	11–12	≈44–52	Q355B, S355JR	GB/T 11263, EN 10025	6, 12
400 × 200	400	200	8–9	13–14	≈56–65	Q355B, S355JR	GB/T 11263, EN 10025	6, 12
Range	100–900	100–300	As per standard	As per standard	As per standard	Q235–Q390, S235–S355	GB/T 11263, EN 10365	6–12 (plus custom)

I Beam

Hot-rolled I-section beams according to GB/T 706 and equivalent standards, used in building and general steel structures.

Key Features:

Economical structural section.

Good bending characteristics in one principal axis.

Widely available sizes and lengths.

Typical Applications:

Building frameworks, crane beams, platforms.

General engineering and fabrication.

I Beam – Typical Specifications

Designation (h) mm	H (mm)	B (mm)	Web t_w (mm)	Flange t_f (mm)	Approx. Weight (kg/m)	Typical Grades	Standards	Common Lengths (m)
160	160	≈82	≈5	≈7	≈14	Q235B, Q355B	GB/T 706, JIS, EN	6, 9, 12
200	200	≈100	≈5.5	≈8	≈18	Q235B, Q355B	GB/T 706, JIS, EN	6, 9, 12
250	250	≈125	≈6	≈8–9	≈25–29	Q235B, Q355B	GB/T 706, JIS, EN	6, 12
300	300	≈140	≈7	≈9–10	≈32–36	Q235B, Q355B	GB/T 706, JIS, EN	6, 12
360	360	≈170	≈7.5	≈11	≈44	Q235B, Q355B	GB/T 706, JIS, EN	6, 12

U Channel Steel (Hot-Rolled Channel)

Hot-rolled U-shaped channels produced according to GB/T 707 and equivalent JIS/EN standards.

Key Features:

Good load-bearing for beams, frames, and stiffeners.

Robust, simple section with easy fabrication.

Typical Applications:

Building and bridge structures.

Machinery, vehicle frames, support frames.

U Channel – Typical Specifications

Size (h × b × t_w) mm	Height h (mm)	Flange b (mm)	Web t_w (mm)	Approx. Weight (kg/m)	Typical Grades	Standards	Common Lengths (m)
80 × 43 × 5	80	43	5	≈8–10	Q235B, Q355B	GB/T 707, JIS, EN	6, 9, 12
100 × 48 × 5.3	100	48	5.3	≈10–11	Q235B, Q355B	GB/T 707, JIS, EN	6, 9, 12
120 × 53 × 5.5	120	53	5.5	≈13–14	Q235B, Q355B	GB/T 707, JIS, EN	6, 12
140 × 58 × 6	140	58	6	≈16–17	Q235B, Q355B	GB/T 707, JIS, EN	6, 12
160 × 63 × 6.5	160	63	6.5	≈20	Q235B, Q355B	GB/T 707, JIS, EN	6, 12
Range	50–400	37–104	As standard	As standard	Q235–Q390, S235–S355	GB/T 707, EN 10025	6 – 12

C Channel Steel (Cold-Formed C Purlin)

Cold-formed C-shaped sections used mainly as purlins and girts, formed from galvanized steel strip/coils.

Key Features:

Lightweight yet high strength.

Holes and punching can be customized.

Supplied galvanized for long service life.

Typical Applications:

Roof and wall purlins for industrial buildings and warehouses.

Secondary structural members, framing, light steel structures.

C Channel (C Purlin) – Typical Specifications

Section Code	Height h (mm)	Flange b (mm)	Lip c (mm)	Thickness t (mm)	Typical Steel Grade	Finish	Common Lengths (m)
C100	100–102	≈50–51	≈12–15	1.0 – 2.5	G300–G550, Q235, Q355	Hot-dip galvanized (GI)	6, 8, 12
C150	150–152	≈60–64	≈14–18	1.2 – 3.0	G300–G550, Q235, Q355	Hot-dip galvanized (GI)	6, 8, 12
C200	200–203	≈70–76	≈16–20	1.5 – 3.0	G300–G550, Q235, Q355	Hot-dip galvanized (GI)	6, 8, 12
C250	250	≈75–80	≈18–22	1.5 – 3.0	G300–G550, Q235, Q355	Hot-dip galvanized (GI)	6, 12
Range	100 – 300	50 – 80	10 – 25	1.0 – 3.0	G300–G550, Q235, Q355	GI / painted as required	6 – 12

Equal Angle Steel

Hot-rolled equal angle steel as per GB/T 706 and equivalent EN/JIS standards.

Key Features:

Simple and versatile “L” section.

Good resistance to bending and torsion in bracing systems.

Wide size range for structural and fabrication use.

Typical Applications:

Transmission towers, steel structures, trusses.

Frames, supports, bracing and fabrication.

Equal Angle – Typical Specifications

Size (A × A × t) mm	Side A (mm)	Thickness t (mm)	Typical Grades	Standards	Common Lengths (m)
40 × 40 × 4	40	4	Q235B, Q355B, S235JR	GB/T 706, EN 10056	6, 9, 12
50 × 50 × 5	50	5	Q235B, Q355B, S235JR	GB/T 706, EN 10056	6, 9, 12
63 × 63 × 6	63	6	Q235B, Q355B, S275JR	GB/T 706, EN 10056	6, 12
75 × 75 × 6	75	6	Q235B, Q355B, S275JR	GB/T 706, EN 10056	6, 12
90 × 90 × 8	90	8	Q355B, S355JR	GB/T 706, EN 10056	6, 12
100 × 100 × 10	100	10	Q355B, S355JR	GB/T 706, EN 10056	6, 12
Range	20–250	3–35	Q235–Q420, S235–S355	GB/T 706, EN 10056	3 – 12

Packing & Loading

Long Products (Rebar, Wire Rod, Billets, Sections):

Rebar and sections are supplied in bundles with steel straps, typically 2–3 t per bundle. Wire rod is supplied in coils, wrapped if required, with coil weight around 1.8–2.1 t. Billets are bundled with steel strapping, suitable for bulk or break-bulk loading.

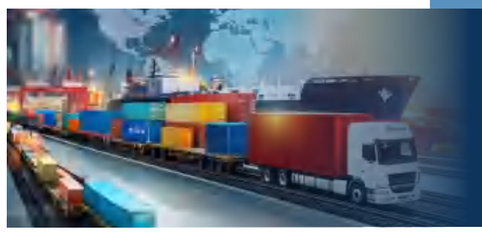
Coils (GI, GL, PPGI, PPGL, Strip)

Coils are loaded eye-to-sky or eye-to-side as required, with inner diameter 508 / 610 mm and coil weight 3–12 t depending on product and size. They are protected with inner kraft paper, outer galvanized or color sheet, and steel straps.

Pipes:

Pipes are bundled with steel straps, with plastic caps on ends if required, and black/oiled or coated surface as per order.

2 Why Choose Eastern Steel (EST Group)



Professional Supplier

Eastern Steel is not a mill, but a dedicated supplier, providing access to multiple mills and optimal combinations of price, quality and delivery.

Standard–Compliant Products

All products are sourced against recognized standards such as GB/T, EN, ASTM, JIS and API, with mill test certificates (MTC) and optional third-party inspection (SGS/BV).

Strong China Sourcing

As part of EST Group, we leverage long-term relationships with leading Chinese mills for stable supply of rebar, billets, GI / GL coils, PPGI / PPGL coils and pipes.

Flexible Logistics & Documentation

Experience with FOB, CFR, CIF, LC and T/T, and documentation suitable for Middle East, Africa, Europe and other regions.

Technical Support

We help customers choose the right grade, standard and specification for their projects, and can match equivalent standards (GB ⇔ ASTM/EN/API).