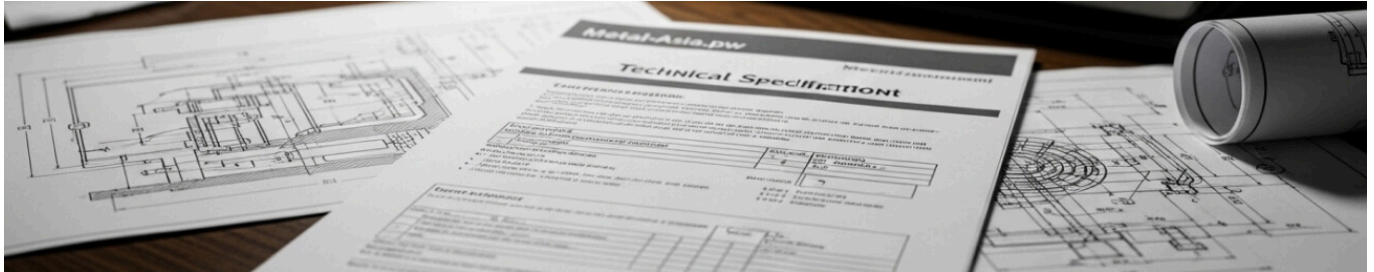


Commercial Proposal for Supply

Ferrous Metal Products: Long and Flat Steel, Pipes, Fasteners, Metal Structures



Ferrous metal supply from China turnkey

Metal-Asia.pw is an engineering company with direct access to leading Chinese steel mills. We supply a comprehensive range of ferrous metal products for industrial enterprises, construction companies, machinery manufacturers, and metal trading firms across Europe, North America, the Middle East, Africa, and the Asia-Pacific region. Operating without intermediaries ensures competitive pricing and complete transparency at every stage.

Critical Pain Points in Ferrous Metal Procurement from China and Our Solutions

Pain Point 1: Non-Conformance to Declared Specifications Chinese suppliers frequently deliver products with substandard mechanical properties, incorrect chemical composition, or dimensional deviations. This results in incoming inspection rejections, production downtime, and financial losses.

Metal-Asia.pw Solution: Independent engineering audit at the manufacturing facility prior to shipment. Spectral chemical analysis, tensile testing, ultrasonic testing (UT), radiographic examination (RT), and dimensional verification. All test protocols are transmitted to the client before the final contract payment is released.

Pain Point 2: Delivery Delays and Supply Chain Opacity Many intermediaries lack production cycle control, resulting in delays of 2 to 4 months. Absence of cargo tracking information makes planning impossible.

Metal-Asia.pw Solution: Direct contracts with manufacturers, no intermediaries. Weekly production status reports. Full cargo tracking at every stage: from factory to customs terminal. Alternative routing via Kazakhstan, Mongolia, or seaports including Vladivostok and Novorossiysk.

Pain Point 3: Customs Clearance Complexity and HS Code Classification Incorrect product classification, missing conformity certificates, documentation errors, all lead to customs delays, additional costs, and penalties.

Metal-Asia.pw Solution: Full customs clearance turnkey. Correct HS code classification, CE marking and conformity documentation preparation, complete documentation package management. We work with licensed customs brokers in China, transit countries, and destination markets.

Pain Point 4: Lack of Technical Support and Documentation After delivery, most intermediaries disappear, leaving the client alone with installation, operation, or defect-related questions.

Metal-Asia.pw Solution: Dedicated project manager at every stage. Technical documentation in English: datasheets, certificates, installation manuals. Post-warranty support and operational consultation.

Complete Product Range — Ferrous Metals

Long and Structural Steel Products

Product	Steel Grades / Classes	Size Range	Standard	HS Code	Application
Steel Rebar	A500C, A400, A600, A800, A1000	Diameter 6–40 mm, fixed length 6–12 m	GOST R 52544-2006, GOST 5781-82	7214 20 000 0	Reinforced concrete, bridges, tunnels, energy
Wire Rod	St0–St5kp	Diameter 5.0–14.0 mm	GOST 30136-94	7213 91 100 0	Wire, ropes, mesh, nails
Hot-Rolled Round Bar	St10–St70, 09G2S, 30KhGSA, 40Kh, 65G	Diameter 5–270 mm	GOST 2590-88	7228 30 000 0	Shafts, axles, spindles, bolts
Cold-Drawn Round Bar	St10–St70, 40Kh, 35KhGSA	Diameter 3–100 mm	GOST 7417-75	7228 30 000 0	Precision parts, fasteners
Steel Square Bar	St3sp, St3Gps, St45	5–200 mm	GOST 2591-88	7214 90 000 0	Keys, fastening elements
Steel Hexagon Bar	St20, St35, St45, 40Kh, 30KhGSA, A12	8–100 mm	GOST 2879-88	7228 60 000 0	Bolts, nuts, fittings
Steel Flat Bar	St3sp, St45, 65G, U8A	4x20 – 40x200 mm	GOST 103-76	7211 90 000 0	Knives, springs, leaf springs
I-Beam (H-Beam)	St3sp, 09G2S, 15KhSND	No. 10–100	GOST 8239-89, GOST 26020-83	7216 31 000 0	Metal structures, bridges
Steel Channel	St3sp, 09G2S, 15KhSND	5P–40P, 6.5U–30U	GOST 8240-89	7216 31 000 0	Frames, supports, guides
Steel Angle	St3sp, 09G2S	20x3 – 250x35 mm	GOST 8509-93, GOST	7216 21 000	Ties, frames, shelves

Product	Steel Grades / Classes	Size Range	Standard	HS Code	Application
			8510-86	0	
Rails	R50, R65, R75, KR70, KR80, KR100	Standard length	GOST R 51685-2000	7302 10 000 0	Railway tracks, crane runways

Flat Steel Products

Product	Steel Grades	Thickness / Dimensions	Standard	HS Code	Application
Hot-Rolled Steel Sheet (HRC)	St3sp, 09G2S, 10KhSND, 15KhSND	1.5–160 mm, width 500–4400 mm	GOST 19903-74	7208 51 000 0	Housings, bridges, shipbuilding
Cold-Rolled Steel Sheet (CRC)	08kp, 08Yu, 08PS, 10kp	0.35–5.0 mm	GOST 19904-90	7209 15 000 0	Automotive, appliances
Checkered Steel Plate	St3sp, 09G2S	3–10 mm	GOST 8568-77	7208 51 000 0	Floor coverings, platforms
Expanded Metal Sheet (PVL)	St3sp	Standard sizes	GOST 8706-78	7308 90 000 0	Fencing, platforms, grilles
Electrical Steel Sheet	3411, 3412, 3413, 2212	0.35; 0.5; 0.65 mm	GOST 21427.1-83	7225 19 000 0	Transformers, motors, generators
Galvanized Steel Sheet	St08ps, St2ps	0.35–2.5 mm	GOST 14918-80	7210 30 000 0	Roofing, ducts, appliances
Stainless Steel Sheet	AISI 304, 321, 316, 316Ti, 420, 430	0.4–80 mm	GOST 5582-75, ASTM A240	7219 31 000 0	Food industry, chemical processing

Steel Pipes

Product	Steel Grades	Diameter / Wall Thickness	Standard	HS Code	Application
Seamless Hot-Deformed Pipes	St10, St20, 09G2S, 12Kh1MF, 15Kh1M1F	Diameter 32–630 mm, wall 2.5–75 mm	GOST 8732-78	7304 19 100 0	High pressure, boilers

Product	Steel Grades	Diameter / Wall Thickness	Standard	HS Code	Application
Seamless Cold-Deformed Pipes	St10, St20, 09G2S, 12Kh1MF	Diameter 6–250 mm, wall 0.5–24 mm	GOST 8734-75	7304 19 100 0	Precision pipelines
Electric Welded Pipes (ERW)	St2kp, St3sp, 09G2S	Diameter 10–1620 mm, wall 1–40 mm	GOST 10704-91	7305 11 000 0	Water, gas, heating
Water and Gas Pipes (WGP)	St2ps, St2sp	Nominal bore 6–150 mm	GOST 3262-75	7306 30 000 0	Water supply, gas supply
Square Structural Pipes	St3sp, 09G2S	10x10x1 – 400x400x20 mm	GOST 8639-82	7306 61 000 0	Metal structures
Rectangular Structural Pipes	St3sp, 09G2S	20x10x1 – 500x300x20 mm	GOST 8645-68	7306 61 000 0	Fencing, furniture, scaffolding
Boiler Pipes	20, 20PV, 12Kh1MF, 15Kh1M1F	Standard range	GOST 550-75	7304 19 100 0	Steam and hot water boilers
Casing and Tubing (OCTG)	St45, 30KhMA, 40KhNMA	Standard range	GOST 632-80	7304 29 000 0	Oil and gas wells

Pipeline and Valve Equipment

Product	Types / Design	Dn / Pn	Standard	HS Code	Application
Steel Gate Valves	30s41nzh, 30s64nzh, 30s941nzh	50–1000 mm, Pn 1.6–25 MPa	GOST 5762-88	8481 80 000 0	Pipeline shutoff
Butterfly Valves	Butterfly, eccentric	40–2000 mm, Pn 0.6–4.0 MPa	GOST R 54808-2011	8481 80 000 0	Water, heating systems
Globe Valves	15s22nzh, 15s52nzh, 15s65nzh	6–200 mm, Pn 1.6–42 MPa	GOST 9544-2015	8481 80 000 0	Steam, oil, gas
Check Valves	19s17nzh, 19s53nzh, 19s76nzh	15–600 mm	GOST 5482-2006	8481 80 000 0	Backflow protection

Product	Types / Design	Dn / Pn	Standard	HS Code	Application
Ball Valves	KS, LD, Naval	6–1200 mm, Pn 1.6–42 MPa	GOST 21345-78	8481 80 000 0	Gas, oil, chemicals
Steel Flanges	Flat, weld neck, slip-on, lap joint	Dn 10–4000 mm, Pn 0.25– 20 MPa	GOST 12820-80, GOST 12821-80	7307 21 000 0	Pipeline connections

Fasteners and Hardware

Product	Grades / Types	Size Range	Standard	HS Code	Application
General Purpose Wire	St0–St3	Diameter 0.16– 10.0 mm	GOST 3282- 74	7217 10 000 0	Binding, welding, mesh
Spring Wire	65G, 60S2A, 51KhFA	Diameter 0.2– 16 mm, class 1–3	GOST 9389- 75	7229 90 000 0	Springs, leaf springs
Rope Wire	St65, St70, St75	Diameter 0.2– 4.0 mm	GOST 7372- 79	7217 10 000 0	Ropes, cables
Woven Wire Mesh	12Kh18N10T, St3sp	Mesh 0.04– 12.5 mm	GOST 3826- 82	7314 14 000 0	Filtration, screening
Welded Wire Mesh	St3sp, VSt3sp	Mesh 25x25 – 200x200 mm	GOST 8478- 81	7314 20 000 0	Reinforcement, fencing
Chain Link Fence	St3sp, St10kp	Mesh 35x35 – 100x100 mm	GOST 5336- 80	7314 41 000 0	Fencing, enclosures
Construction Nails	St0–St3	1.2–8.0 mm, length 16–120 mm	GOST 4028- 63	7317 00 100 0	Construction, furniture
High-Strength Bolts	40Kh, 35KhGSA, 30KhGSA	M6–M48, strength class 8.8–12.9	GOST 7798- 70, DIN 931	7318 15 000 0	Metal structures
High-Strength Nuts	St35, St45, 40Kh	M6–M48, strength class 6–12	GOST 5915- 70, DIN 934	7318 16 000 0	Fastening connections
Flat and Spring Washers	St3sp, 65G	M3–M64	GOST 11371- 78, DIN 125	7318 21 000 0	Load distribution

Product	Grades / Types	Size Range	Standard	HS Code	Application
Threaded Studs	35, 40Kh, 09G2S	M6–M64, length up to 4000 mm	GOST 9066-75, DIN 975	7318 15 000 0	Flanged connections
Welded Round Link Chains	St2, St3	Diameter 5–46 mm	GOST 7070-75	7315 82 000 0	Lifting applications
Roller Drive Chains	40Kh, 45, 40KhN	Pitch 9.525–76.2 mm	GOST 13568-75	7315 11 000 0	Drives, conveyors

Metal Structures

Product	Types / Configuration	Material	Standard	HS Code	Application
Building Steel Structures (SMK)	Beam, column, truss, arch, spatial	St3sp, 09G2S, 15KhSND	GOST 23118-99, SP 16.13330.2017	7308 40 000 0	Hangars, warehouses, bridges
Tower Metal Structures	Telecom towers, lighting masts, wind turbines	St3sp, 09G2S	SNiP 2.23-80	7308 40 000 0	Telecom, energy
Bridge Structures	Beam, arch, cable-stayed, suspension	15KhSND, 10KhSND	SP 35.13330.2011	7308 40 000 0	Road and railway bridges
Power Line Supports	Intermediate, anchor-angle, end, transition	St3sp, 09G2S	GOST 14911-82	7308 40 000 0	Transmission lines

Stainless Steel Products

Product	Grades	Size Range	Standard	HS Code	Application
Stainless Steel Round Bar	AISI 304, 321, 316, 316Ti, 420, 430	Diameter 5–250 mm	GOST 5949-2018	7222 20 000 0	Shafts, fasteners, parts
Stainless Steel Hot-Rolled Sheet	AISI 304, 321, 316, 316Ti	2–80 mm	GOST 5582-75	7219 31 000 0	Housings, tanks
Stainless Steel Cold-Rolled Sheet	AISI 304, 316L, 321	0.4–6 mm	GOST 5582-75	7219 31 000 0	Kitchen equipment

Product	Grades	Size Range	Standard	HS Code	Application
Stainless Steel Seamless Pipe	AISI 304, 316L, 321	Diameter 6–530 mm	GOST 9940–81	7304 11 000 0	Pipelines, food industry
Stainless Steel Welded Pipe	AISI 304, 316L	Diameter 8–3000 mm	GOST 9941–81	7306 40 000 0	Chemical, pharmaceutical
Stainless Steel Wire	AISI 304, 316L, 321	Diameter 0.1–16 mm	GOST 18143–72	7223 00 000 0	Mesh, welding, springs
Stainless Steel Fasteners	A2-70, A4-80	M3–M64	DIN 17440	7318 12 000 0	Chemical, food industry

Metal-Asia.pw Services

Metal-Asia.pw delivers comprehensive procurement solutions from China, including tender documentation support for public and private sector procurement frameworks. We provide ENGINEERING AUDIT AND TECHNICAL DUE DILIGENCE. Our services encompass quality control (NDT, UT), chemical composition verification against international standards, and customs clearance "turnkey". We operate on a contractual basis with full supply chain compliance and end-to-end logistics management.

For detailed information about our service range, please visit Metal-Asia.pw.

FAQ: Frequently Asked Questions on Ferrous Metal Procurement

Q1: What are the standard lead times for Ferrous Metal shipments from China?

A: Standard delivery timelines range from 30 to 60 days from contract execution and advance payment receipt. For stock items, express delivery is available within 14 to 21 days. Exact timelines depend on order volume, product specifications, and selected logistics routing.

Q2: How is quality control performed prior to shipment?

A: Metal-Asia.pw implements a multi-stage quality assurance protocol: visual inspection, ultrasonic testing (UT), radiographic examination (RT), spectral chemical composition analysis, dimensional verification, and mechanical testing. All results are documented in certified test reports transmitted to the client prior to final payment.

Q3: What documentation is provided for customs clearance?

A: A complete documentation package includes: commercial invoice, packing list, certificate of origin (Form A or CO), mill test certificate with test results, conformity declaration (CE or equivalent), specification with HS codes, insurance certificate, and CMR/AWB/Bill of Lading.

Q4: Can you supply non-standard sizes and grades?

A: Yes. We maintain direct contracts with manufacturing facilities and can arrange production according to client drawings and specifications. Minimum order quantities for custom production are discussed on a case-by-case basis.

Q5: What are your payment terms and settlement methods?

A: Standard terms: 30% advance upon order confirmation, 70% prior to shipment. For established clients and large contracts, deferred payment and letter of credit arrangements are available. We accept CNY, USD, EUR, and GBP.

Q6: Do you provide delivery to the client's warehouse?

A: Yes. We organize delivery via all transport modes: FCL/LCL sea freight, rail transport, road delivery, and air freight for urgent consignments. Incoterms 2020: EXW, FCA, CPT, CIP, DAP, DDP at client's discretion.

Q7: What warranties do you provide on supplied products?

A: Standard warranty period is 12 months from delivery date, subject to proper storage and handling conditions. In case of manufacturing defects, we arrange replacement or refund. All claims are processed within 10 business days.

Q8: Do you support tender procurement processes?

A: Yes. Metal-Asia.pw has extensive experience in supporting public and private tender procedures. We assist with technical documentation preparation, certification, test protocols, and complete tender submission packages. We provide end-to-end support from bid preparation to contract award.

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Engineering audit and customs clearance for ferrous metal supply