



COMMON NAILS

STRAIGHT SHANK | SHARP DIAMOND POINT | CUSTOMIZED SUPPLY | 2026

Selected low-carbon steel, consistent forming and reliable export supply.

EVERSTAR Common Nails are manufactured from selected low-carbon steel wire through wire drawing, straightening, nail forming, head pressing, diamond-point cutting, polishing and optional galvanizing. A flat round head, straight smooth shank and sharp point support reliable driving for construction, carpentry, formwork, pallets, crates and general timber fastening.

LENGTH RANGE

20-200 mm or customized to the approved order specification.

SHANK RANGE

1.2-6.0 mm smooth shank or customized by drawing / sample.

FINISH OPTIONS

Bright polished, electro-galvanized or hot-dip galvanized.

SHIJIAZHUANG EVERSTAR HARDWARE MACHINERY CO., LTD.

Quality creates long-term partnerships.

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02 PRODUCT CATALOGUE

EVERSTAR AT A GLANCE

Wire-processing experience, controlled production and export support



EVERSTAR MANUFACTURING SITE | WUJI, SHIJIAZHUANG, HEBEI, CHINA

Founded in 1999, Shijiazhuang Everstar Hardware Machinery Co., Ltd. has developed from a wire-processing factory into a global construction-hardware manufacturer. Common Nails are produced from selected low-carbon steel wire with controlled forming, point cutting, finishing, sorting and packing.

Production is coordinated against the confirmed steel grade, nail length, shank diameter, head dimensions, point geometry, surface treatment, packing weight, labels and export requirements.

1999 ESTABLISHED	58,000 m² FACTORY AREA	45 PRODUCTION LINES
210 EMPLOYEES	25 R&D ENGINEERS	10 QC INSPECTORS

Buyer Support

01 Specification confirmation Length, shank diameter / gauge, head size, point, finish and packing weight.	02 Customization Metric, inch and wire-gauge sizes plus labels, barcodes and private-brand cartons.
03 Quality coordination Dimensional inspection, head / point checks, driving tests and package-weight control.	04 Export support Moisture protection, shipping marks and commercial documents.

PRODUCT OVERVIEW

Traditional steel fasteners for construction, carpentry and timber packaging



Common Nails, also known as Common Wire Nails, Construction Nails or Iron Nails, are general-purpose low-carbon steel fasteners with a flat round head, straight smooth shank and sharp diamond point.

Compared with Box Nails, Common Nails generally use a thicker shank for greater bending resistance and holding strength. They are intended mainly for timber and other relatively soft materials; hardened Concrete Nails should be selected for masonry or concrete.

Core Product Advantages

SELECTED STEEL	CONTROLLED GEOMETRY	CONFIGURABLE SUPPLY
Q195, Q235, SAE1008, SAE1010 or equivalent low-carbon steel can be coordinated.	Straight shank, flat round head and diamond point are checked during production.	Length, diameter, head, point, finish, package weight and labels can be customized.

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NAIL STRUCTURE & PRODUCT FORMS

Flat round head, straight smooth shank, diamond point and order-specific finish



The nail structure is simple but dimensionally critical. Head position and thickness influence the striking and bearing area; shank diameter influences bending resistance and holding strength; point symmetry influences positioning and driving performance.

FLAT ROUND HEAD Head diameter, thickness and position are controlled to the confirmed specification.	SMOOTH SHANK A straight smooth shank is produced in the ordered 1.2-6.0 mm diameter range.	DIAMOND POINT Consistent point cutting supports easier positioning and penetration into timber.
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Available Product Forms

01 BRIGHT POLISHED Clean metallic finish for indoor construction, carpentry, formwork and timber packaging.	02 ELECTRO-GALVANIZED Smooth bright zinc-coated finish for light-duty indoor or sheltered applications.
03 HOT-DIP GALVANIZED Thicker zinc protection for outdoor timber, fencing and agricultural construction.	04 CUSTOM DIMENSIONS Metric, inch, wire-gauge, drawing or approved-sample production is available.

COMMON RANGE | Length 20-200 mm; shank diameter 1.2-6.0 mm; flat round head; smooth shank; diamond point. Final values follow the order.

05 PRODUCT CATALOGUE

TECHNICAL SPECIFICATIONS

Commercial supply scope based on the confirmed EVERSTAR Common Nail specification

FINAL PRODUCT REQUIREMENTS FOLLOW THE PURCHASE ORDER, APPROVED SAMPLE AND CONTRACT.	
PARAMETER	STANDARD SUPPLY / AVAILABLE OPTION
Product name	Common Nails
Alternative names	Common Wire Nails / Construction Nails / Iron Nails
Brand	EVERSTAR
Material	Low-Carbon Steel
Steel grade	Q195 / Q235 / SAE1008 / SAE1010 or equivalent
Nail length	20-200 mm or customized
Shank diameter	1.2-6.0 mm or customized
Head type	Flat Round Head
Shank type	Smooth Shank
Point type	Diamond Point
Surface treatment	Bright Polished / Electro-Galvanized / Hot-Dip Galvanized
Head dimensions	According to nail diameter and confirmed specification
Straightness / tolerance	Controlled according to the confirmed order specification
Packing weight	1 kg / 5 kg / 20 kg / 25 kg or customized
Small packaging	Small boxes / plastic bags / inner cartons
Bulk packaging	Cartons / woven bags / wooden cases / pallets
Applications	Construction / carpentry / formwork / pallets / crates / timber fixing
OEM service	Size, surface, packaging, label and private-brand customization
Origin / manufacturer	Hebei, China / SHIJIAZHUANG EVERSTAR HARDWARE MACHINERY CO., LTD.

Specification note: final steel grade, length, shank diameter, head dimensions, point shape, surface treatment, tolerance and packing follow the written purchase order, technical drawing or approved sample.

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SIZE REFERENCE & SURFACE OPTIONS

Select nail length, shank diameter and finish for the timber and service environment

Length and diameter combinations vary by market. The following table is a common reference only; production can follow metric dimensions, inch sizes, wire gauges, technical drawings or approved samples.

NAIL LENGTH	METRIC LENGTH	COMMON SHANK-DIAMETER RANGE
1 inch	25 mm	1.6-2.0 mm
1½ inches	38 mm	2.0-2.5 mm
2 inches	50 mm	2.5-3.0 mm
2½ inches	63 mm	2.8-3.4 mm
3 inches	75 mm	3.1-3.8 mm
3½ inches	90 mm	3.4-4.2 mm
4 inches	100 mm	3.8-4.5 mm
5 inches	125 mm	4.2-5.0 mm
6 inches	150 mm	4.5-5.5 mm
7-8 inches	175-200 mm	Customized

Surface Selection

BRIGHT POLISHED Indoor and sheltered use; light protective oil is available for storage and transport.	ELECTRO-GALVANIZED Smooth bright zinc coating for improved protection in light-duty environments.	HOT-DIP GALVANIZED Thicker zinc protection for outdoor timber, fencing and agricultural structures.
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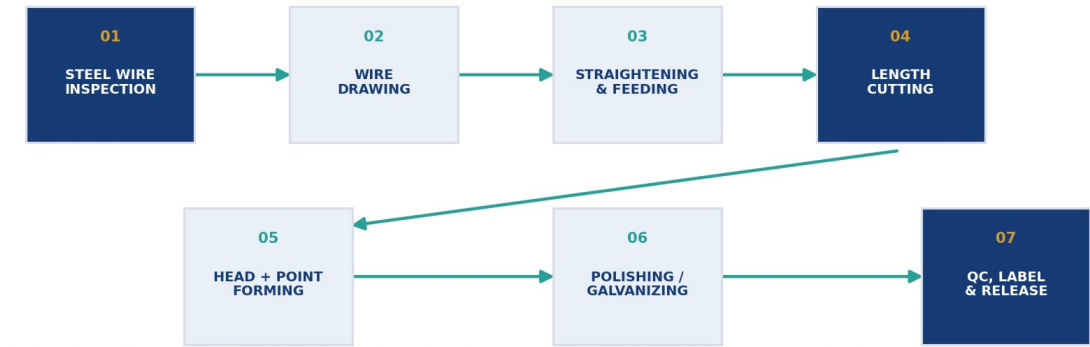
IMPORTANT | Nail length alone does not define the correct product. Confirm shank diameter, timber density, holding requirement and corrosion exposure before production.

07 PRODUCT CATALOGUE

MANUFACTURING & QUALITY CONTROL

Controlled wire drawing, forming, finishing, inspection, weighing and final release

CONTROLLED COMMON NAIL PRODUCTION FLOW



Steel grade, nail length, shank diameter, head, point, finish, package weight and final release follow the confirmed order specification.

Selected low-carbon steel wire is inspected, drawn to diameter, straightened and fed into nail-forming equipment. Length cutting, head pressing and diamond-point forming are followed by polishing or galvanizing, sorting, dimensional inspection, sample driving tests, weighing and export packing.

Quality Control Plan

STAGE	CONTROL FOCUS	BASIS
Incoming wire	Material certificate, grade and incoming wire condition	Each supplied lot
Length / diameter	Finished length, shank diameter / gauge and agreed tolerances	Production lot
Head geometry	Head position, diameter, thickness and head-to-shank connection	Production lot
Shank straightness	Straightness and machine alignment during forming	Production lot
Diamond point	Point shape, symmetry and clean cutting surfaces	Production lot
Finish / coating	Bright polished appearance or ordered galvanized coating	Production lot
Driving / bending	Sample driving, bending resistance and practical toughness	Production lot
Weight / packing	Unit or package weight, carton strength, labels and palletization	Final release

RELEASE BASIS | Steel grade + length + shank diameter + head + point + finish + package weight + labels

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EXPORT PACKING & OEM SERVICE

Customized pack weight, retail presentation, moisture protection and shipping marks



Available Packing Formats

SMALL PACKS Small cardboard boxes, plastic bags, inner cartons and retail-ready private labels.	BULK PACKS 1 kg, 5 kg, 20 kg or 25 kg packs; cartons, woven bags or wooden cases.	PALLET SUPPLY Cartons on pallets with straps, corner protection, stretch film and shipping marks.
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Export & Private-Label Options

01 MOISTURE PROTECTION Plastic lining, wrapping and desiccants can reduce exposure during sea transportation.	02 REINFORCED CARTONS Corrugated cartons, straps and corner protection support loading and warehouse stacking.
03 LABEL & BARCODE Customer logo, label, barcode, box artwork and shipping marks follow approved artwork.	04 WEIGHT CONTROL Package weight, piece count and carton quantity are verified before final release.

STORAGE | Keep packages dry and protected from rain, condensation and damaged wrapping. Bright polished nails can be supplied with light protective oil for export storage.

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APPLICATIONS & ORDER CONFIRMATION

Match nail size, shank diameter, finish and packing to the actual timber application

Common Nails are supplied for general construction, timber framing, roof and wall structures, concrete formwork assembly, carpentry, pallets, crates, fencing, agricultural buildings, furniture frames and general timber repair. Product selection depends on timber type, component thickness, holding requirement and service environment.

Application Areas

01 BUILDING & FRAMING General construction, timber framing, roof / wall structures and temporary works.	02 FORMWORK & CARPENTRY Concrete formwork, woodworking, furniture frames and timber repairs.
03 PALLETS & CRATES Wooden pallets, export crates, timber packaging and general fastening.	04 FENCING & AGRICULTURE Fence construction, agricultural buildings and outdoor timber applications.

Purchase Order Checklist

ITEM	CONFIRM BEFORE MASS PRODUCTION
Dimensions	Nail length, shank diameter / wire gauge, head diameter and head thickness
Material / point	Steel grade, required mechanical behavior and diamond-point requirement
Application	Timber type, component thickness and required holding strength
Service environment	Indoor / sheltered / outdoor use and expected moisture exposure
Surface treatment	Bright polished, electro-galvanized or hot-dip galvanized
Packing format	Package weight, pieces per box / carton, outer carton and pallet requirement
Order information	Quantity, destination port and applicable market or customer standard
Approval / labels	Approved sample, final specification, labels, barcodes and shipping marks

PRODUCT SELECTION | Ordinary Common Nails are intended mainly for timber. Use hardened Concrete Nails for masonry or concrete and confirm all structural requirements before ordering.

CONTACT EVERSTAR

Factory-direct support for Common Nails and customized construction-hardware products



QUALITY CREATES LONG-TERM PARTNERSHIPS

COMMON NAILS | CUSTOM SIZES | OEM SUPPLY

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1999

ESTABLISHED

58,000 m²

FACTORY AREA

45

PRODUCTION LINES

SHIJIAZHUANG EVERSTAR HARDWARE MACHINERY CO., LTD.

Qiji Town Industrial Zone, Wuji County, Shijiazhuang City, Hebei Province, China

CUSTOMIZED MANUFACTURING | QUALITY CONTROL | EXPORT SUPPORT