



STRAIGHTENED CUT WIRE

BLACK ANNEALED | BRIGHT | ELECTRO-GALVANIZED | HOT-DIP GALVANIZED | 2026

Straight. Consistent. Cut to your specification.

Low-carbon steel wire professionally straightened and machine-cut for construction binding, rebar tying, packaging, agriculture, fencing and industrial processing.

CUSTOM DIAMETER

0.70-6.00 mm standard supply scope;
other sizes by agreement.

CUSTOM LENGTH

100-6,000 mm with tolerance confirmed
against the order.

MULTIPLE SURFACES

Black annealed, bright, electro-galvanized
or hot-dip galvanized.

SHIJIAZHUANG EVERSTAR HARDWARE MACHINERY CO., LTD.

Quality creates long-term partnerships.

PHONE

+86 199 3304 4444

WHATSAPP

+86 199 3304 4444

EMAIL

Lewis@everstarsteelproducts.com

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. Straightened cut wire is supplied as a finished component for fast handling and downstream use.

Production is coordinated against the confirmed diameter, cut length, surface, tensile requirement, straightness, cut-end condition, bundle weight, labels and packing method of each order.

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

Buyer Support

01 Specification confirmation Diameter, length, tolerance, surface, tensile and straightness.	02 Customization Bundle weight, count, labels, inner packing, cartons and pallets.
03 Quality coordination Sample approval, inspection plan and order-specific records.	04 Export support Moisture protection, shipping marks and commercial documents.

03 PRODUCT CATALOGUE

PRODUCT OVERVIEW

Straightened and cut low-carbon steel wire prepared for efficient handling



Straightened Cut Wire is low-carbon steel wire processed to a confirmed diameter, straightened for practical handling and machine-cut to the required length. It can be supplied soft and flexible for manual tying or configured to meet other application-specific performance requirements.

Final acceptance follows the written purchase order or approved sample. Millimetre diameter and cut length should be confirmed together with tensile requirement, surface, tolerance, bundle configuration and packing.

Core Product Advantages

CONTROLLED STRAIGHTNESS Professionally straightened for easier bundling, handling and processing.	CONSISTENT CUT LENGTH Machine-cut ends and length control follow the confirmed specification.	ORDER-READY OPTIONS Surface, flexibility, bundle weight, labels and packing can be customized.
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04 PRODUCT CATALOGUE

PRODUCT RANGE & SURFACE OPTIONS

Configure the wire for softness, appearance, corrosion protection and downstream use



EVERSTAR supplies straightened cut wire in several surface conditions. The selected surface must be confirmed together with wire diameter, cut length, tensile requirement and the expected storage or service environment.

01 BLACK ANNEALED Soft, flexible black wire for tying, binding and general-purpose fastening.	02 BRIGHT CUT WIRE Uncoated bright appearance for buyer-approved processing and packing uses.
03 ELECTRO-GALVANIZED Uniform zinc-coated option for clean appearance and moderate corrosion protection.	04 HOT-DIP GALVANIZED Heavier zinc-coated option for applications requiring enhanced corrosion resistance.

Customization Scope

DIAMETER | LENGTH | TOLERANCE | SURFACE | TENSILE | BUNDLE WEIGHT | LABEL | PACKING

Surface appearance in photographs is illustrative. The final finish and acceptance requirements follow the approved sample and purchase order.

05 PRODUCT CATALOGUE

TECHNICAL SPECIFICATIONS

Commercial supply scope based on the confirmed cut-wire specification

FINAL PRODUCT REQUIREMENTS FOLLOW THE PURCHASE ORDER, APPROVED SAMPLE AND CONTRACT.	
PARAMETER	STANDARD SUPPLY / AVAILABLE OPTION
Product	Straightened Cut Wire / Annealed Cut Wire / Galvanized Cut Wire
Brand	EVERSTAR
Material	Low-carbon steel
Steel grade	Q195 or buyer-approved equivalent
Wire diameter	0.70-6.00 mm or customized
Cut length	100-6,000 mm or customized
Surface	Black annealed, bright, electro-galvanized or hot-dip galvanized
Tensile strength	Customized according to application requirements
Straightness	Professionally straightened for handling and processing
Length tolerance	Controlled according to the confirmed specification
Cut ends	Machine-cut with neat and consistent ends
Rust protection	Anti-rust oil, desiccant and moisture-resistant packing available
Packing	Bundles, woven bags, cartons or pallets; bundle weight customized
OEM / sample	OEM service and pre-production sample available
Place of origin	Hebei, China

Specification note: gauge numbers vary by system. Confirm the actual wire diameter in millimetres on every quotation, label and purchase order.

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DIAMETER, LENGTH & WEIGHT REFERENCE

Millimetre dimensions are the acceptance basis; the table supports quotation planning

Theoretical weights below use steel density 7.85 g/cm3. They are calculation examples, not fixed commercial sizes. Actual bundle weight, piece count and tolerance follow the confirmed order.

DIAMETER	EXAMPLE LENGTH	THEORETICAL KG/KM	KG PER 1,000 PIECES
0.80 mm	300 mm	3.95	1.18
0.90 mm	350 mm	4.99	1.75
1.00 mm	500 mm	6.17	3.08
1.20 mm	600 mm	8.88	5.33
1.60 mm	1,000 mm	15.78	15.78
2.00 mm	1,500 mm	24.66	36.99
3.20 mm	2,000 mm	63.13	126.26
4.00 mm	3,000 mm	98.64	295.92
5.00 mm	4,000 mm	154.13	616.50
6.00 mm	6,000 mm	221.94	1,331.64

Calculation Reference

$KG/KM = 6.165 \times d^2$ | $KG \text{ PER } 1,000 \text{ PIECES} = KG/KM \times CUT \text{ LENGTH (mm)} / 1,000$

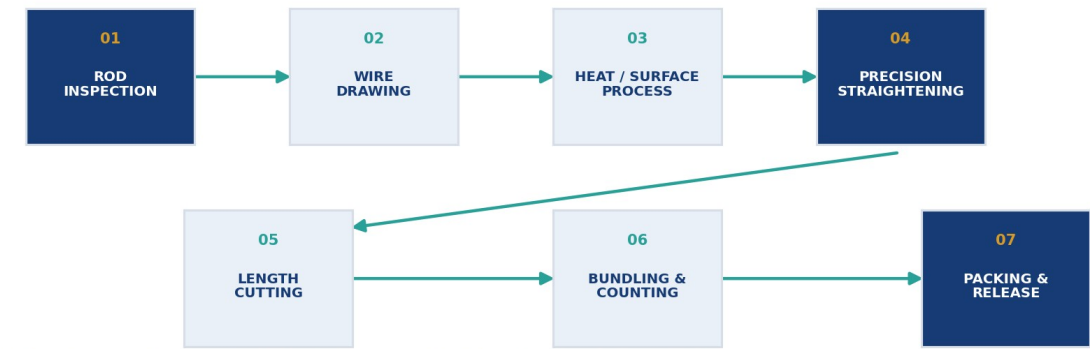
MILLIMETRES FIRST Confirm actual diameter and cut length; gauge references are secondary.	TOLERANCE CONTROL Length and diameter tolerance follow the written purchase order.	COUNT / WEIGHT CHECK Piece count may be estimated by weight and verified against the agreed packing plan.
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07 PRODUCT CATALOGUE

MANUFACTURING & QUALITY CONTROL

Controlled straightening, cutting, surface handling and final release checks

CONTROLLED CUT-WIRE PRODUCTION FLOW



Heat treatment or galvanizing is applied only when required by the confirmed product specification.

The production route depends on the required surface and mechanical performance. Black annealed wire receives heat treatment before straightening and cutting; galvanized supply follows the confirmed zinc-coating route and handling requirements.

Quality Control Plan

STAGE	CONTROL FOCUS	BASIS
Incoming material	Material/grade records and wire-rod condition	Each supplied lot
Diameter	Micrometer check against confirmed size and tolerance	Production lot
Straightening	Straightness and handling condition	Setup and in-process
Cut length	Length, tolerance and consistency	Setup and production lot
Cut ends	Neat machine-cut condition without unacceptable deformation	Production lot
Performance	Tensile/flexibility checks according to the approved requirement	As agreed
Surface & packing	Surface, rust protection, bundle weight, label and packing	Final release

RELEASE BASIS | Diameter + length + straightness + cut ends + performance + surface + packing

08 PRODUCT CATALOGUE

PACKING & EXPORT PROTECTION

Customized bundles, cartons and pallet plans for handling, storage and delivery



Packing Options

TIED BUNDLES Buyer-specified bundle weight or piece count, secured for efficient handling.	BAGS & CARTONS Woven bags, inner bags or export cartons selected for the wire size and route.	PALLETIZED EXPORT Cartons or bundles arranged on pallets with confirmed labels and shipping marks.
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Recommended Protection System

01 OPTIONAL ANTI-RUST OIL Applied only when approved for the selected surface and end use.	02 MOISTURE-RESISTANT INNER PE or moisture-resistant paper around bundles or inside cartons.
03 DESICCANT Quantity planned according to carton/pallet volume and transit conditions.	04 LABEL & SHIPPING MARK Diameter, length, surface, bundle data, lot, date and country of origin.

ACTUAL PACKING EXAMPLE | Annealed Cut Wire | #20 x 350 mm | Keep Dry

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APPLICATIONS & ORDER CONFIRMATION

Match diameter, length, surface and flexibility to the actual fastening task

Straightened cut wire is intended for tying, binding, fastening and further processing. Final suitability depends on the confirmed mechanical requirement, surface, dimensions, tolerance and packing method.

Application Areas

01 CONSTRUCTION BINDING General jobsite tying, fixing and temporary fastening.	02 REBAR TYING Straight lengths prepared for reinforcement tying and cages.	03 PACKAGING Bundling and fastening for cartons, products and materials.
04 AGRICULTURE Plant support, gardening and general farm binding.	05 FENCING Temporary fixing and downstream fence or mesh processing.	06 INDUSTRIAL PROCESSING Buyer-specific fabrication, forming and component preparation.

Purchase Order Checklist

ITEM	CONFIRM BEFORE MASS PRODUCTION
Wire	Diameter in mm, material/grade and tolerance
Length	Cut length in mm, length tolerance and end condition
Performance	Tensile/flexibility or approved functional sample
Surface	Black annealed, bright, electro-galvanized or hot-dip galvanized
Bundle	Piece count or net weight, tying method and identification
Protection	Dry/light oil, moisture barrier and desiccant requirements
Packing	Bag/carton/pallet, labels, shipping marks and documents
Approval	Sample, inspection report and final commercial specification

LIMITATION | Not for structural load, lifting, fall protection or electrical use unless separately engineered and certified.

CONTACT EVERSTAR

Factory-direct support for Straightened Cut Wire and customized wire products



QUALITY CREATES LONG-TERM PARTNERSHIPS

STRAIGHTENED CUT WIRE | ANNEALED CUT WIRE | GALVANIZED CUT WIRE

Phone / WhatsApp: +86 199 3304 4444 | Email: Lewis@everstarsteelproducts.com

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