



# 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.

|                                        |                                              |                                           |
|----------------------------------------|----------------------------------------------|-------------------------------------------|
| <div>1999</div> <div>ESTABLISHED</div> | <div>58,000 m2</div> <div>FACTORY AREA</div> | <div>45</div> <div>PRODUCTION LINES</div> |
| <div>210</div> <div>EMPLOYEES</div>    | <div>25</div> <div>R&amp;D ENGINEERS</div>   | <div>10</div> <div>QC INSPECTORS</div>    |

## Buyer Support

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

# 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

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

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.

|                                                                                                                    |                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>01 BLACK ANNEALED</b><br>Soft, flexible black wire for tying, binding and general-purpose fastening.            | <b>02 BRIGHT CUT WIRE</b><br>Uncoated bright appearance for buyer-approved processing and packing uses.              |
| <b>03 ELECTRO-GALVANIZED</b><br>Uniform zinc-coated option for clean appearance and moderate corrosion protection. | <b>04 HOT-DIP GALVANIZED</b><br>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.

06 PRODUCT CATALOGUE

# 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

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

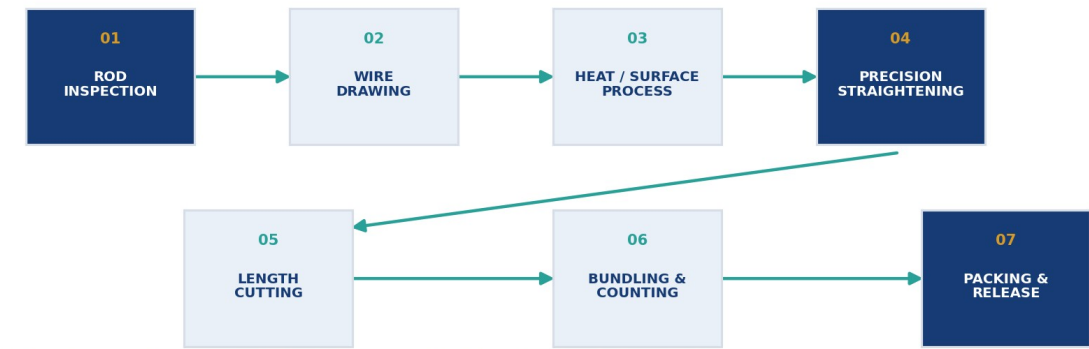
|                                                                                                        |                                                                                                 |                                                                                                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

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

|                                                                                                      |                                                                                                             |                                                                                                              |
|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>TIED BUNDLES</b><br>Buyer-specified bundle weight or piece count, secured for efficient handling. | <b>BAGS &amp; CARTONS</b><br>Woven bags, inner bags or export cartons selected for the wire size and route. | <b>PALLETIZED EXPORT</b><br>Cartons or bundles arranged on pallets with confirmed labels and shipping marks. |
|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|

## Recommended Protection System

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

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

09 PRODUCT CATALOGUE

# 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

|                                                                                          |                                                                                       |                                                                                                   |
|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <b>01 CONSTRUCTION BINDING</b><br>General jobsite tying, fixing and temporary fastening. | <b>02 REBAR TYING</b><br>Straight lengths prepared for reinforcement tying and cages. | <b>03 PACKAGING</b><br>Bundling and fastening for cartons, products and materials.                |
| <b>04 AGRICULTURE</b><br>Plant support, gardening and general farm binding.              | <b>05 FENCING</b><br>Temporary fixing and downstream fence or mesh processing.        | <b>06 INDUSTRIAL PROCESSING</b><br>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](mailto: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**