



U TYPE TIE WIRE

BLACK ANNEALED | OILED BLACK ANNEALED | GALVANIZED | 2026

Pre-formed. Flexible. Ready for fast tying.

Low-carbon steel wire straightened, cut and formed into a uniform U shape for rebar tying, construction binding, packaging, agriculture and general fastening.

CUSTOM DIAMETER

0.70-2.00 mm supply scope; other sizes by confirmed agreement.

CUSTOM LEG LENGTH

250-600 mm finished leg length or customized specification.

MULTIPLE SURFACES

Black annealed, oiled black annealed or 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. U Type Tie Wire is supplied as a pre-formed fastening product for efficient handling and tying.

Production is coordinated against the confirmed diameter, finished leg length, surface, tensile requirement, flexibility, cut-end condition, bundle weight, piece count, 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, leg length, surface, tensile, flexibility and tolerance.	02 Customization Bundle weight, piece count, labels, bags, cartons and pallets.
03 Quality coordination Sample approval, inspection plan and order-specific acceptance records.	04 Export support Moisture protection, shipping marks and commercial documents.

PRODUCT OVERVIEW

Pre-formed low-carbon steel tie wire for fast handling and secure binding



U Type Tie Wire is straightened and cut wire formed into a consistent U shape. The pre-formed format helps operators pick up, position and twist the wire efficiently during rebar tying, construction binding and general fastening.

Black annealed supply is soft, flexible and easy to twist. Controlled annealing helps provide good bending performance while reducing the risk of breakage during repeated bending. Final acceptance follows the written purchase order or approved sample.

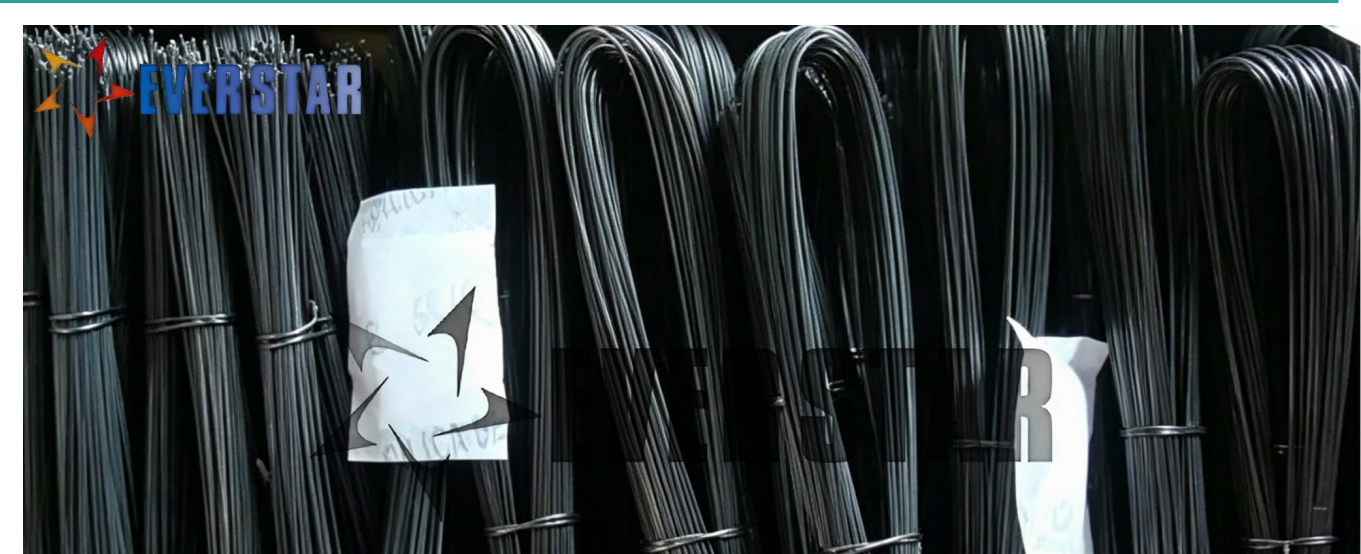
Core Product Advantages

UNIFORM U SHAPE Consistent forming supports orderly bundling, handling and tying.	SOFT & FLEXIBLE Annealed wire is easy to bend or twist for manual fastening.	ORDER-READY OPTIONS Size, surface, bundle count, labels and packing can be customized.
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04 PRODUCT CATALOGUE

SHAPE, SIZE & SURFACE OPTIONS

Configure the U-shaped wire for the tying task and delivery method



The U shape, leg length and surface should be confirmed together with diameter, tensile requirement, flexibility, bundle weight, piece count and packing. Photographs show actual product appearance examples.

UNIFORM U SHAPE Machine-formed for consistent presentation and handling.	DIAMETER 0.70-2.00 mm or customized by written agreement.	FINISHED LEG LENGTH 250-600 mm or customized to the approved specification.
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Available Surface Treatments

01 BLACK ANNEALED Soft black finish for tying, binding and general fastening.	02 OILED BLACK ANNEALED Light oil protection available when approved for storage and use.	03 GALVANIZED Zinc-coated option for buyer-specified appearance and corrosion protection.
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ORDER NOTE | Confirm diameter and finished leg length in millimetres; do not rely only on gauge names.

TECHNICAL SPECIFICATIONS

Commercial supply scope based on the confirmed U Type Wire specification

FINAL PRODUCT REQUIREMENTS FOLLOW THE PURCHASE ORDER, APPROVED SAMPLE AND CONTRACT.

PARAMETER	STANDARD SUPPLY / AVAILABLE OPTION
Product	U Type Tie Wire
Alternative names	U-Shaped Binding Wire / U Wire / U-Shaped Cut Wire
Brand	EVERSTAR
Material	Low-carbon steel
Steel grade	Q195 or buyer-approved equivalent
Wire diameter	0.70-2.00 mm or customized
Finished leg length	250-600 mm or customized
Shape	Uniform U shape
Surface	Black annealed, oiled black annealed or galvanized
Tensile strength	Customized according to the application
Flexibility	Soft and easy to bend or twist
Tolerance / cut ends	Confirmed tolerance; neat and consistent machine-cut ends
Bundle / piece count	Bundle weight and pieces per bundle customized
Packing	Bundles, plastic bags, woven bags, cartons or pallets
OEM / origin	OEM service available; Hebei, China

Specification note: finished piece weight depends on actual developed wire length and bend geometry. Confirm an approved sample when piece weight is an acceptance item.

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DIAMETER & THEORETICAL WEIGHT REFERENCE

Base-wire weight supports quotation planning; millimetre diameter is the acceptance basis

Theoretical base-wire weights below use steel density 7.85 g/cm3. They are kg/km references, not finished-piece weights. Actual U-wire piece weight depends on developed length, bend geometry, surface and tolerance.

WIRE DIAMETER	THEORETICAL BASE-WIRE WEIGHT (KG/KM)
0.70 mm	3.02
0.80 mm	3.95
0.90 mm	4.99
1.00 mm	6.17
1.20 mm	8.88
1.40 mm	12.08
1.60 mm	15.78
1.80 mm	19.97
2.00 mm	24.66

Calculation & Order Reference

THEORETICAL KG/KM = 6.165 x d² | d = NOMINAL WIRE DIAMETER IN mm

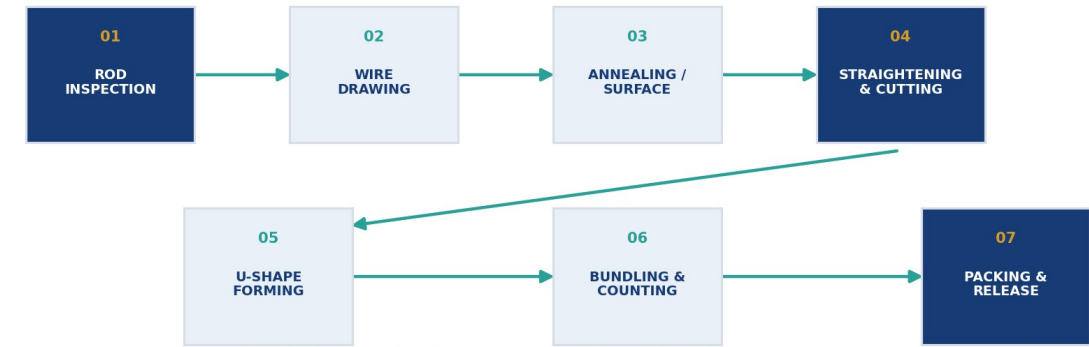
DIAMETER Confirm actual diameter in mm; gauge references are secondary.	LEG LENGTH Confirm finished leg length and the measurement method on the drawing.	PIECE / BUNDLE Confirm piece count or net weight, tying method and packing arrangement.
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07 PRODUCT CATALOGUE

MANUFACTURING & QUALITY CONTROL

Controlled drawing, annealing, cutting, forming and final release checks

CONTROLLED U TYPE WIRE PRODUCTION FLOW



Annealing and surface processing follow the confirmed product specification and approved sample.

The production route depends on the required surface and mechanical performance. Black annealed wire receives controlled heat treatment before straightening, cutting and U-shape forming; galvanized supply follows the confirmed zinc-coated route.

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
Annealing / surface	Process route and appearance against the order	Production setup
Leg length	Finished leg length, tolerance and consistency	Setup and production lot
U shape / cut ends	Forming condition and neat machine-cut ends	Production lot
Flexibility	Bending/twisting or approved functional-sample check	As agreed
Bundle & packing	Count/weight, labels, protection and shipping marks	Final release

RELEASE BASIS | Diameter + leg length + U shape + cut ends + flexibility + bundle + packing

08 PRODUCT CATALOGUE

PACKING & EXPORT PROTECTION

Customized bundles, piece counts and pallet plans for handling and delivery



Packing Options

TIED BUNDLES Buyer-specified piece count or net bundle weight, securely tied.	BAGS & CARTONS Plastic bags, woven bags or cartons selected for size and route.	PALLETIZED EXPORT Bundles or cartons arranged on pallets with confirmed shipping marks.
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Recommended Export Protection

01 ORDERLY BUNDLING Uniform alignment and tying support safe handling and counting.	02 MOISTURE-RESISTANT INNER Plastic film or buyer-approved moisture barrier inside outer packing.
03 DESICCANT WHEN REQUIRED Quantity planned according to packing volume and transit conditions.	04 LABEL & SHIPPING MARK Diameter, leg length, surface, bundle data, lot and origin.

PACKING NOTE | Final piece count, bundle weight, labels and outer packing follow the confirmed order.

09 PRODUCT CATALOGUE

APPLICATIONS & ORDER CONFIRMATION

Match diameter, leg length, surface and flexibility to the tying task

U Type Tie Wire is intended for tying, binding and general fastening. Final suitability depends on the confirmed mechanical requirement, dimensions, surface, tolerance, bundle configuration and user method.

Application Areas

01 REBAR TYING Pre-formed lengths for reinforcement tying and cages.	02 CONSTRUCTION BINDING General jobsite tying, fixing and temporary fastening.	03 PACKAGING Bundling and fastening for products and materials.
04 AGRICULTURE Plant support, gardening and general farm binding.	05 GENERAL FASTENING Manual tying and buyer-approved temporary fixing.	06 INDUSTRIAL USE Buyer-specific processing, kitting and component preparation.

Purchase Order Checklist

ITEM	CONFIRM BEFORE MASS PRODUCTION
Wire	Diameter in mm, material/grade and tolerance
Length	Finished leg length in mm and measurement method
Shape	U-form dimensions, bend condition and cut-end requirement
Performance	Tensile/flexibility or approved functional sample
Surface	Black annealed, oiled black annealed or galvanized
Bundle	Piece count or net weight, tying method and identification
Packing	Bag/carton/pallet, labels, shipping marks and documents
Approval	Sample, inspection report and final commercial specification

LIMITATION | Structural load, lifting, safety-critical or electrical use requires separate engineering and certification.

CONTACT EVERSTAR

Factory-direct support for U Type Tie Wire and customized wire products



QUALITY CREATES LONG-TERM PARTNERSHIPS

U TYPE TIE WIRE | U-SHAPED BINDING WIRE | CUSTOMIZED WIRE PRODUCTS

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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