



ONE-TOUCH TYPE FORM TIE CLAMP

QUICK-LOCKING UNIT FOR SEPA TIE CONNECTIONS



Reusable steel locking units for fast assembly and stripping of compatible aluminum and gang-form connections.

QUICK LOCKING

Lever, jaw, wedge, cam or bolt action

MATCHED TIE ENTRY

Produced for the approved Sepa Tie profile

REUSABLE UNIT

Designed for repeated cycles with inspection

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ABOUT EVERSTAR

MANUFACTURING CAPABILITY & EXPORT SUPPORT



MANUFACTURING SINCE 1999

SHIJIAZHUANG EVERSTAR HARDWARE MACHINERY CO., LTD. manufactures construction hardware, wire products and formwork accessories for international buyers. Our 58,000 m² facility supports cutting, stamping, forming, machining, welding, heat-treatment coordination, assembly, inspection and export packing.

58,000 M² Manufacturing facility	45 LINES Stable production scheduling
210 EMPLOYEES Including 25 R&D personnel	10 QC INSPECTORS Assembly and performance checks

BUYER SUPPORT

Authorized drawing/sample development • matched Sepa Tie supply • complete-assembly testing • custom packing

PRODUCT OVERVIEW

REUSABLE QUICK-LOCKING CONNECTION UNIT



Actual EVERSTAR One-Touch Units installed with compatible Sepa Ties

FAST ENGAGEMENT & CONTROLLED RELEASE

The clamp guides the exposed tie end into a locking position. A jaw, wedge, lever, cam or bolt mechanism engages the approved tie profile, while the bearing face transfers force into the intended panel, waler or bracket location.

CLAMP BODY	TIE ENTRY	RELEASE FEATURE
Supports locking parts and connection force	Guides the approved tie without excessive clearance	Allows controlled stripping and reuse

IMPORTANT | One Touch Unit is not one universal design. Compatibility and authorization must be confirmed for every drawing or sample.

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TECHNICAL SPECIFICATIONS

COMMON MARKET REFERENCES

PRODUCT ITEM	DETAILS
Product Name	One-Touch Type Quick-Locking Form Tie Clamp
Search Names	One Touch Unit, One Touch Clamp, One Touch Bolt, Gang Form Clamp, Sepa Tie Clamp
Material	Carbon steel, specified steel or drawing-defined casting material
Structure	Clamp body with tie entry and mechanical locking/retaining mechanism
Common Weight	Approximately 460 g per unit; design-dependent
Compatible Tie	Sepa Tie, approved flat tie or customer-specific profile
Mechanism	Lever, jaw, wedge, bolt, cam or drawing-defined design
Manufacturing	Cutting, forging/casting, stamping, forming, machining, welding, heat treatment and assembly as applicable
Surface	According to approved sample or order specification
Mechanical Performance	Approved connection design and EVERSTAR test report
Reusability	Reusable when correctly installed, inspected, cleaned and maintained
Marking	Batch code, item number or customer mark where permitted
Packaging	Bags, cartons, pails, cases or export pallets

SPECIFICATION CONTROL | Select by tie profile, engagement depth, locking travel, bearing geometry and required connection performance—not weight alone.

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STRUCTURE & DIMENSION CONFIRMATION

MATCH THE COMPLETE TIE-AND-CLAMP ASSEMBLY



One-Touch Units, Sepa Tie variants and complete connection components

ENVELOPE Overall length, width, height and unit weight	TIE INTERFACE Entry width/height, guide profile and engagement depth	LOCKING Travel, jaw/wedge geometry and retention
BEARING Face dimensions, flatness and orientation	MECHANISM Lever, handle, pin, hole, bolt and thread details	INSTALLATION Projection, site clearance and matching tie dimensions

BEST PRACTICE | Approve a complete sample assembly including clamp, Sepa Tie, panel connection and all pins, bolts or bearing parts.

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INSTALLATION & APPLICATIONS

QUICK-LOCKING CONNECTION SEQUENCE



TYPICAL INSTALLATION

1 CONFIRM Check clamp item code, tie profile and drawing	2 POSITION Place panels and insert the approved tie
3 ENGAGE Place the clamp over the exposed tie end	4 LOCK Move lever, jaw, wedge, cam or bolt fully
5 VERIFY Check tie grip and bearing-face seating	6 INSPECT Complete and inspect all ties, clamps and braces

APPLICATIONS

Aluminum wall and column formwork • gang-form walls • Korea/Vietnam market systems • Sepa Tie connections • repetitive residential and high-rise construction • drawing-defined panel and waler connections

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MANUFACTURING & QUALITY CONTROL

BODY, MECHANISM & ASSEMBLY CONSISTENCY

PRODUCTION FLOW

1 MATERIAL Grade verification	2 BODY Cutting, forging, casting or stamping	3 MACHINING Entry, holes and contact surfaces	4 COMPONENTS Pins, springs, jaws, bolts or levers
5 TREATMENT Agreed heat/surface process	6 ASSEMBLY Controlled component retention	7 TESTING Trial fit and approved proof load	8 PACKING Complete units by item code

INSPECTION CHECKPOINTS

DIMENSIONS External envelope and finished weight	TIE ENTRY Guide profile and engagement depth
LOCKING Travel, jaw/wedge/cam geometry	BEARING Face flatness and contact area
ASSEMBLY Welds, castings, pins, threads and retention	PERFORMANCE Static proof and repeated locking cycle as agreed

TESTING | Complete-connection tests must use the approved tie, panel fixture, proof load and test method.

CUSTOMIZATION & ORDERING

AUTHORIZED OEM PRODUCTION



BODY Overall dimensions, weight and entry profile	LOCKING Jaw, wedge, cam, lever or bolt mechanism	BEARING Contact face size and orientation
COMPONENTS Pins, springs, bolts, handles and retainers	MATERIAL Steel/casting grade, hardness and treatment	SUPPLY Matched Sepa Ties and export packaging

QUOTE INFORMATION

Authorized drawing or complete sample • matching tie and panel • body dimensions • mechanism and components • material/heat treatment • connection performance • quantity • packaging • destination port

IP & COMPATIBILITY | Customers must confirm authorization and destination-market rights for proprietary drawings, samples and interfaces.

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FAQ & TECHNICAL NOTES

PRACTICAL ANSWERS FOR SOURCING

PRODUCT ITEM	DETAILS
What is a One Touch Unit?	A reusable quick-locking clamp engaging a compatible Sepa Tie or approved form tie.
Best generic English name?	One-Touch Type Quick-Locking Form Tie Clamp.
Supplied with Sepa Tie?	Separately or as a matched set; combined trial fitting is recommended.
Is 460 g standard?	No. It is a common market reference; actual weight depends on design.
Can you manufacture our design?	Yes, when the customer owns or is authorized to use the drawing or sample.
Reusable?	Yes, if designed for reuse and all body/mechanism parts pass inspection.
Replacement parts?	Available when pins, springs, bolts, jaws or levers are separately replaceable.
Complete connection testing?	Yes, using the approved tie, panel fixture, load and method.
Universal standardized design?	No. Similar names may cover different and proprietary mechanisms.
Quotation requirements?	Authorized drawing/sample, matching tie/panel, dimensions, mechanism, load, quantity and packing.

SAFETY | Qualified personnel must determine unit type, spacing, load, concrete rate, panel capacity, walers and bracing. Remove malfunctioning units from service.



ONE-TOUCH QUICK-LOCKING TIE CLAMP

CUSTOM FORMWORK CONNECTION UNITS



SEND US YOUR AUTHORIZED DRAWING OR SAMPLE

We will confirm the matching tie, entry profile, locking mechanism, bearing geometry, performance testing, packing and sample approval.

PRODUCT ITEM	DETAILS
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