



KOREA-TYPE SEPA TIE

STEEL TIE & SPACING COMPONENT FOR ALUMINUM FORMWORK



Drawing-controlled connection ends and effective length for compatible clamps and one-touch units.

EFFECTIVE LENGTH	CUSTOM ENDS	MATCHED HARDWARE
Controls the approved panel relationship	Holed, flattened, formed or shouldered	One-touch unit, clamp, bolt or pin

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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 integrates straightening, cutting, flattening, forming, punching, inspection and export packing.

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

BUYER SUPPORT

Korea-type and custom models • drawing/sample development • matching clamp supply • mechanical testing • export packing

PRODUCT OVERVIEW

SYSTEM-SPECIFIC TIE & SPACING CONNECTION



Actual EVERSTAR Sepa Tie sizes shown with compatible one-touch connection units

ACCURATE PANEL RELATIONSHIP

The straight steel body bridges the designated connection while the formed ends engage the approved one-touch unit, sliding clamp, bolt, pin or other locking accessory. Effective length—not product name or overall length alone—controls system fit.

STRAIGHT BODY	CONNECTION ENDS	ASSEMBLY VERIFIED
Controlled section, straightness and orientation	Plain, flattened, shouldered, holed or slotted	Trial fit with panel and locking accessory

IMPORTANT | Sepa Tie geometry is not universal. Manufacture and approval must follow the complete assembly drawing or verified sample.

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TECHNICAL SPECIFICATIONS

COMMON MARKET REFERENCES

PRODUCT ITEM	DETAILS
Product Name	Korea-Type Aluminum Formwork Sepa Tie
Search Names	AL Sepa Tie, Formwork Sepa Tie, Korea-Type Sepa Tie, Aluminum Formwork Tie
Material	Carbon steel or customer-specified steel grade
Structure	Straight tie body with drawing-defined connection ends
Common Order Length	Approximately 120–400 mm overall length
Extended Range	Approximately 100–1200 mm overall length
Effective Length	According to wall dimension and connection reference points
Cross-Section	Width, thickness or diameter according to approved drawing
End Details	Plain, flattened, formed, holed, slotted, shouldered or custom
Matching Connection	One-touch unit, sliding clamp, bolt, pin or custom accessory
Manufacturing	Straightening, cutting, flattening/forming, punching, deburring and inspection
Surface	Natural steel or approved order specification
Mechanical Performance	Approved connection design and EVERSTAR test report
Reusability	System-dependent; removable or embedded as specified

SPECIFICATION CONTROL | All ranges are references only. Final production follows effective length, end dimensions, matching hardware and approved layout.

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DESIGN & DIMENSION CONFIRMATION

CONTROL EFFECTIVE LENGTH & END GEOMETRY



Short, medium and extended Sepa Ties with round-hole formed ends

LENGTH Overall length, effective tie length and nominal wall dimension	BODY Width, thickness or diameter; straightness and twist	ENDS Width, thickness, orientation, shoulder or stop
OPENINGS Hole diameter or slot length, width and position	SPECIAL DETAIL Breakback, notch or controlled finishing geometry	TOLERANCE Assembly fit and finished wall accuracy

BEST PRACTICE | Approve a controlled drawing and trial-fit samples with the actual aluminum panel and locking accessory before mass production.

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INSTALLATION & APPLICATIONS

SYSTEM-SPECIFIC CONNECTION SEQUENCE



TYPICAL INSTALLATION

1 CONFIRM Check item code, effective length and end design	2 POSITION Align opposing panels and designated connection points
3 INSERT Place the Sepa Tie into the approved connection	4 LOCK Engage the one-touch unit, clamp, bolt or pin
5 VERIFY Confirm full seating and required panel relationship	6 INSPECT Check all ties, walers and braces before concrete

APPLICATIONS

Concrete wall forms • apartments • commercial/high-rise buildings • repetitive wall layouts • Korean-type systems • Vietnamese and Asian-market aluminum formwork • OEM panels using one-touch units or sliding clamps

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MANUFACTURING & QUALITY CONTROL

LENGTH, END & OPENING CONSISTENCY

PRODUCTION FLOW

1 MATERIAL Steel-grade verification	2 STRAIGHTENING Body alignment	3 CUTTING Length preparation	4 END FORMING Flattening and shoulders
5 PUNCHING Holes or slots	6 DEBURRING Edge and transition control	7 INSPECTION Dimensions and trial fit	8 PACKING Item-code separation

INSPECTION CHECKPOINTS

LENGTH Overall and effective reference points	BODY Width, thickness/diameter and straightness
ENDS Profile, orientation and shoulder position	OPENINGS Size, position, edge distance and burrs
CONDITION Cracks, lamination and deformation	TESTING Tensile, proof-load or complete connection as agreed

TESTING | Acceptance criteria, fixture, sampling plan and method must be agreed before production.

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CUSTOMIZATION & ORDERING

OEM PRODUCTION TO DRAWING OR SAMPLE



LENGTH Overall, effective and wall reference dimensions	BODY Width, thickness or diameter	ENDS Plain, formed, offset or shouldered
OPENINGS Round holes, slots and locations	HARDWARE Matched one-touch unit or sliding clamp	PACKING Separate by length, wall position or item code

QUOTE INFORMATION

Drawing/sample • overall and effective length • cross-section • end geometry • hole/slot dimensions • matching clamp or one-touch unit • material/performance • quantity • packing • destination port

COMPATIBILITY | Do not substitute a Sepa Tie based only on appearance or nominal overall length.

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FAQ & TECHNICAL NOTES

PRACTICAL ANSWERS FOR SOURCING

PRODUCT ITEM	DETAILS
What is a Sepa Tie?	A steel tie/spacing component working with approved locking hardware in aluminum formwork.
Same as a flat tie?	Not necessarily; end profile, effective length and locking method may differ.
Same as an L bolt?	No. Sepa Tie is straight; an L bolt is a bent anchoring component.
Common lengths?	About 120–400 mm for many orders; drawing-based supply may extend 100–1200 mm.
Korea-type available?	Yes, after drawing or complete sample assembly confirmation.
Cross-section and ends customizable?	Yes. Body section, flattened ends, shoulders, holes and slots can be customized.
Matching clamps supplied?	Yes. One-touch units or compatible clamps can be trial fitted.
Reusable?	System-dependent; confirm whether removable, embedded or sacrificial.
Test reports?	Material, tensile, proof-load or complete-connection testing can be arranged.
Quotation requirements?	Drawing/sample, effective dimensions, end geometry, hardware, performance and quantity.

SAFETY | A qualified designer must determine tie type, effective length, spacing, working load, concrete rate, panel capacity, walers and bracing.



KOREA-TYPE SEPA TIE

CUSTOM ALUMINUM-FORMWORK CONNECTIONS



SEND US YOUR DRAWING OR SAMPLE

We will confirm effective length, body section, connection ends, matching locking hardware, testing, identification and packing before mass production.

PRODUCT ITEM	DETAILS
COMPANY	SHIJIAZHUANG EVERSTAR HARDWARE MACHINERY CO., LTD.
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