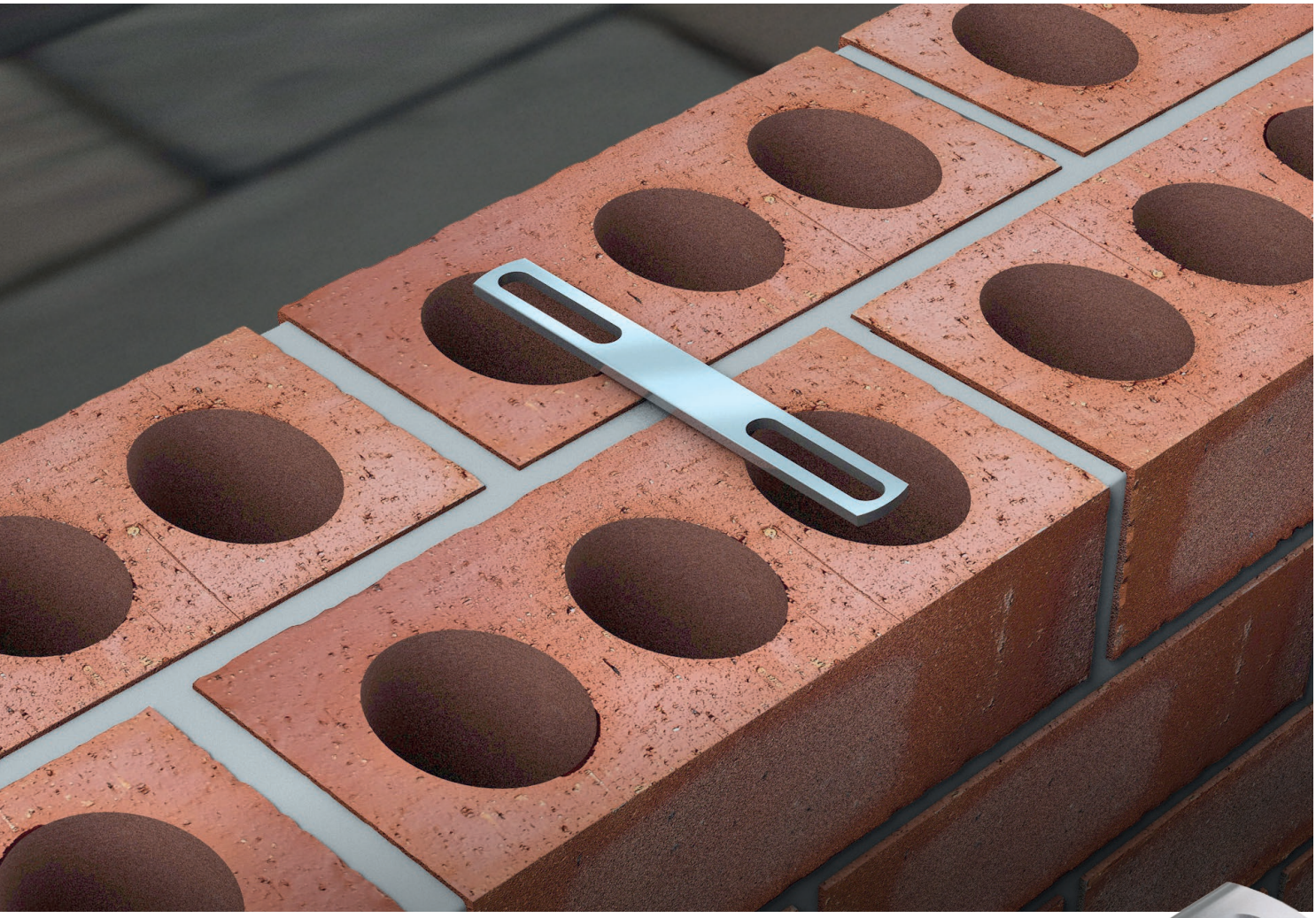
TECTIES
THE TANGLE FREE TIE COMPANY

DATASHEET/DECLARATION OF PERFORMANCE

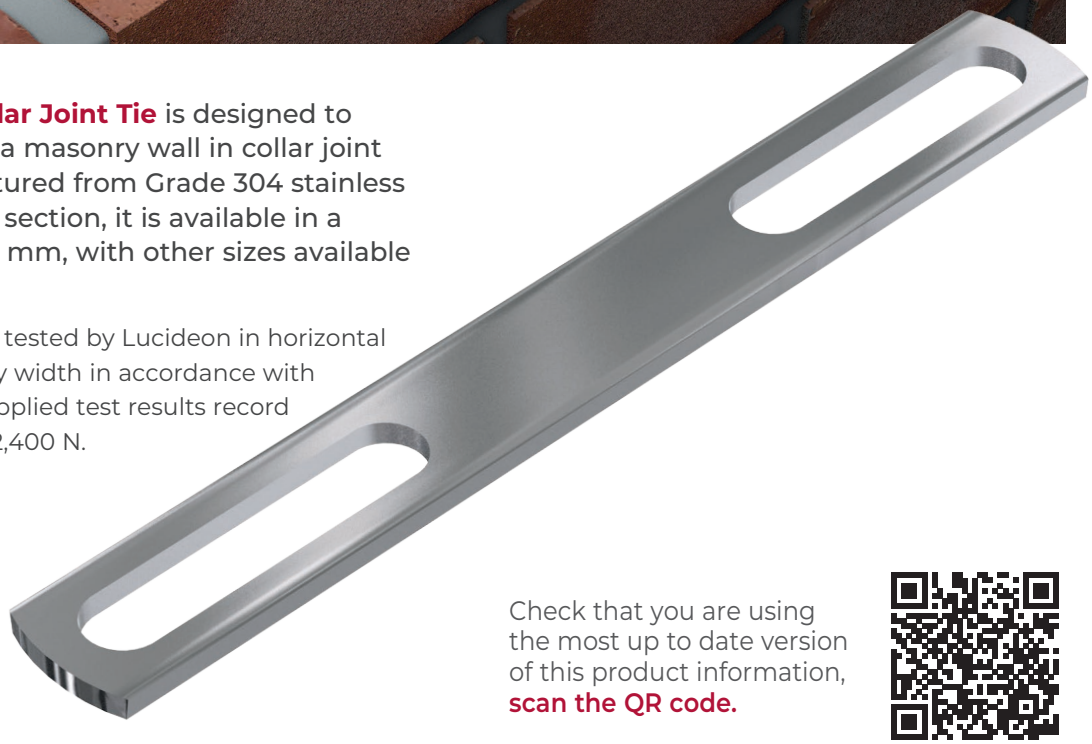
TTCJ COLLAR JOINT TIES

TEC/DD/1011



The restraint **TTCJ Collar Joint Tie** is designed to connect two leaves of a masonry wall in collar joint applications. Manufactured from Grade 304 stainless steel with a 19 × 3 mm section, it is available in a standard length of 150 mm, with other sizes available on request.

The 150 mm tie has been tested by Lucideon in horizontal shear over a 10 mm cavity width in accordance with BS EN 846-7:2012. The supplied test results record a mean load capacity of 2,400 N.



MADE IN BRITAIN

Check that you are using the most up to date version of this product information, **scan the QR code.**

TECTIES
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TTCJ COLLAR JOINT TIES

TEC/DD/1011

TTCJ PRODUCT ATTRIBUTES

Product Category	Restraint ties / TTCJ
Product Description	Tie connecting two leaves of a masonry wall in a collar joint application
Product Code	TTCJ
Product Brand Name	TTCJ Collar Joint Ties

	Standard Length 150mm (other sizes on request)
Material Thickness	19 × 3 mm
Material	Grade 304 stainless steel
Packaging	Boxed
Boxed Qty	250
Individual Weight	0.067 KG
Boxed Weight	16.75 KG

Packaging Material 	Cardboard Box **Widely Recyclable - Check with your local council guidelines** Please visit the Environmental Commitment page **here**
Storage	Boxes of stainless steel products to be stored indoors. Regular checks should be carried out to ensure packaging remains intact, ties remain clean, and there are no signs of corrosion, damage, or foreign material that could affect product quality or performance.
Safe Handling	Please visit the Handling Safety Information page **here**
Fire Rating	Euroclass A1

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TTCJ COLLAR JOINT TIES

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DECLARATION OF PERFORMANCE

TecTies Ltd hereby declares that the TTCJ Collar Joint Ties are in conformity with the provisions of **ZA Annex of BS EN 846-7-2012**

Intended Use
Connecting two leaves of a masonry wall in a collar joint application

Notified Body
Lucideon Limited, Queens Road, Penkhull, Stoke on Trent ST4 7LQ **Tel.** +44 (0)1782 764428

Notified Body Number 1289

The system of assessment and verification of constancy of performance for this construction product conforms to **System 3**

TTCJ Essential Characteristics

	150mm
Mean Load Capacity Shear	2400N
Displacement at 1/3 Load Shear	1.10 mm
Failure Mode	Rotation of tie causing localised failure of mortar
Water Shedding Capability	Resistant
Durability - Material Reference 3	Grade 304, 18/8 austenitic stainless steel strip to BS EN 10088-1
Embedment Depth	62.5 mm
Tested configuration	150 mm tie; horizontal shear over a 10 mm cavity width
Minimum Mortar Designation	(iv)
Minimum Mortar Joint Width	10mm
Conformity Assessment	UKCA/UKNI
Fire Rating	A1
Test method BS EN 846-7:2012	Methods of test ancillary components for masonry, part 7: determination of shear load capacity and displacement characteristics shear ties and slip ties.

All tested product information is available on request. Please contact us for more information.

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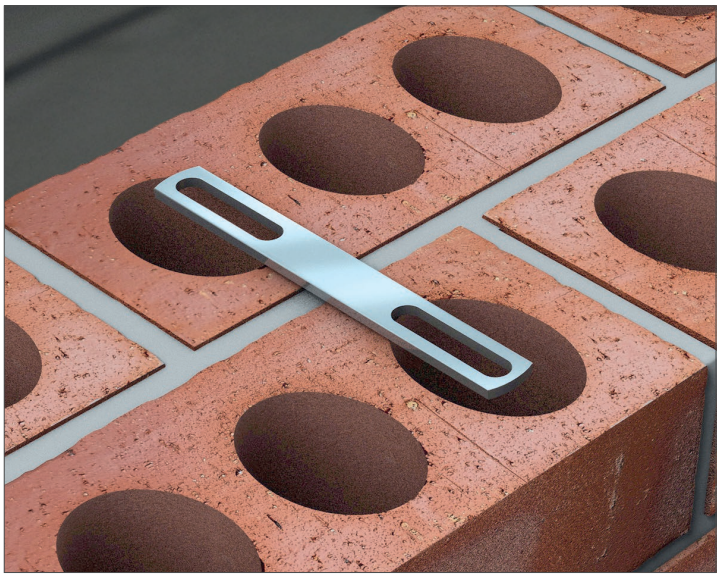
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TTCJ COLLAR JOINT TIES

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INSTALLATION GUIDANCE

The TTCJ Collar Joint Tie is designed for collar joint applications. The standard product is 150 mm long, with a 19 × 3 mm Grade 304 stainless steel section. Other sizes are available on request.



Selection and positioning

Select the tie size to suit the specified collar joint construction. The supplied performance results relate to a 150 mm tie tested over a 10 mm cavity width. This test configuration does not establish the permitted installation range for other widths or lengths. As advised by a structural engineer.