Product code

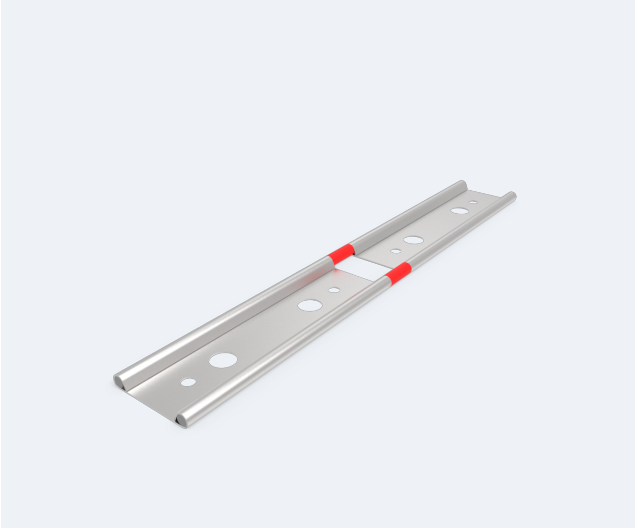
CGT1

Vertical Control Gap Tie

Product datasheet

View product online

Download 2D CAD (DXF)



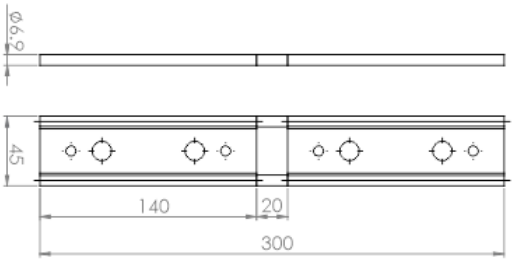
Ensure the longevity of your masonry with this sliding tie, which creates a vertical control gap. This gap allows for vertical in-plane expansion up to 40mm in brick and block walls. The tie doesn't just enable movement; it also secures masonry against lateral wind loads and features a de-bonding slide that effectively manages and absorbs differential movement, preventing internal stresses.

Corrosion class	R2 (+2 options)
Material	Galvanised Z600
Tested	See test results

Features

- Clay brick / block work
- Tested to a control gap of 40mm
- Universal applications
- Australian design & tested AS/NZS 2699.2:2020

Technical details



Dimension drawing. Sizes are given as A.

Corrosion characteristics

R2	Galvanised Z600
R3	Hot dipped galvanising
R4	Stainless steel 316L

Conforms to corrosion resistance set by AS/NZS 2699 / AS 3700.

Ordering information

Choose one option from each column to build the order code, then give us the code and the quantity you need.

Example order code

CGT1-R2

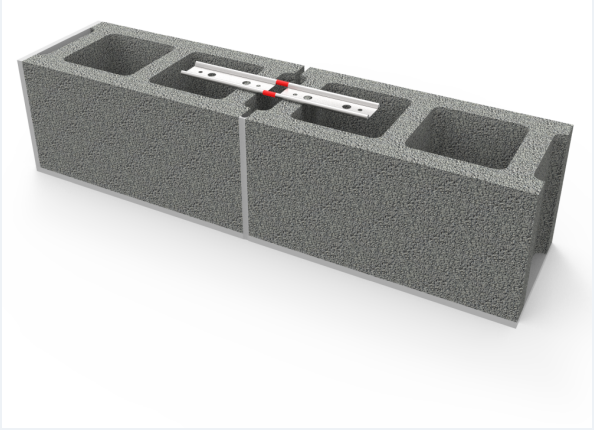
Product code	Material – Corrosion class
CGT1 Vertical Control Gap Tie	**-R2** Galvanised Z600 **-R3** Hot dipped galvanising **-R4** Stainless steel 316L

Test results

Galvanised Z600 / HDG

AS/NZS 2699.2:2020	CGT 1 (40mm Gap) Mean (range)
Preliminary Stiffness (kN/mm)	0.64 (0.28 – 1.19)
Serviceability Stiffness (kN/mm)	0.85 (0.38 – 1.50)
Peak Load (kN)	
Mean Load	2.96 (2.55 – 3.60)
Characteristic Strength	2.19

Stainless steel 316L

2699.2:2020	CGT 1 (40mm Gap) Mean (range)
Preliminary Stiffness (kN/mm)	0.25 (0.21 – 0.29)
Serviceability Stiffness (kN/mm)	0.46 (0.38 – 0.55)
Peak Load (kN)	
Mean Load	4.66 (3.94 – 5.84)
Characteristic Strength	3.38

Installation