Product code

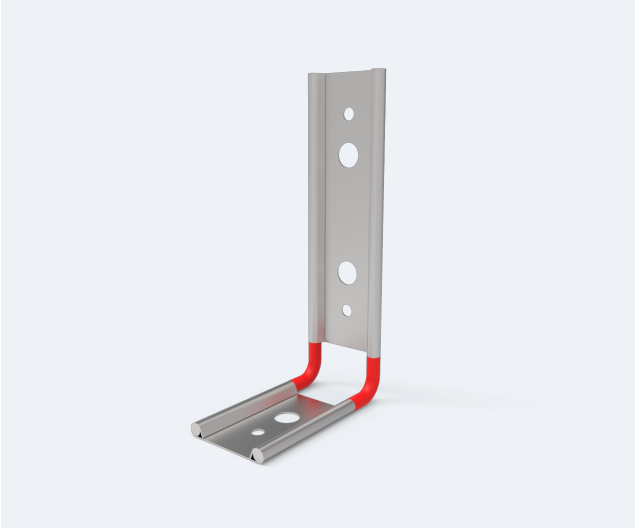
CGT4

Horizontal Control Gap Tie

Product datasheet

View product online

Download 2D CAD (DXF)



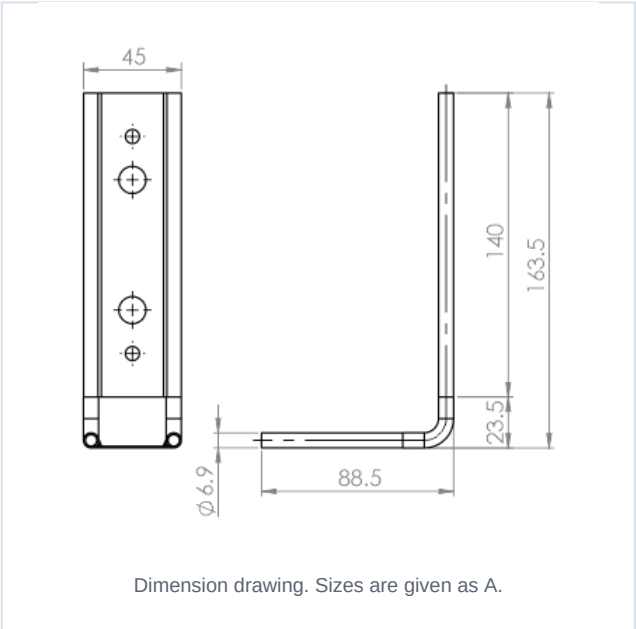
Ensure the longevity of your masonry with this sliding tie. It establishes a crucial horizontal control gap, enabling vertical expansion up to 40mm in brick and block walls. The slot provides in-plane movement. This tie doesn't just allow for movement; it also secures masonry against lateral wind loads 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.

Fixing requirements

Fixed with approved fasteners, contact us with your project requirements.

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

CGT4-R2

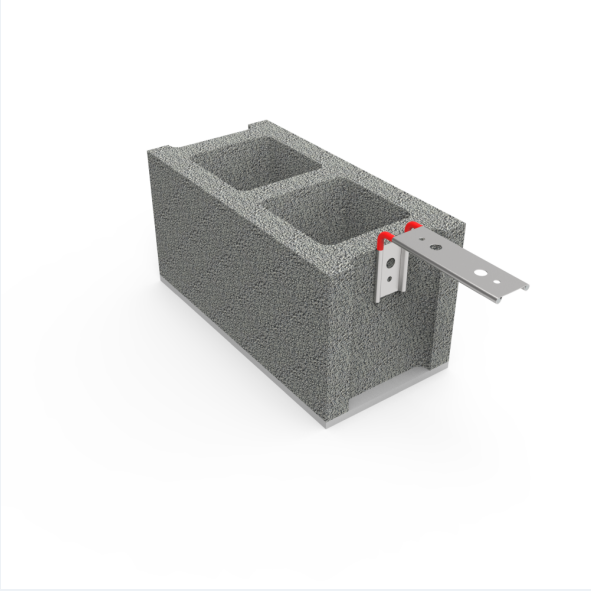
Product code	Material – Corrosion class
CGT4 Horizontal Control Gap Tie	**-R2** Galvanised Z600 **-R3** Hot dipped galvanising **-R4** Stainless steel 316L

Test results

Galvanised Z600 / HDG

AS/NZS 2699.2:2020	CGT 4 (40mm Gap) Mean (range)
Preliminary Stiffness (kN/mm)	0.79 (0.40 – 1.00)
Serviceability Stiffness (kN/mm)	1.18 (0.68 – 1.49)
Peak Load (kN)	
Mean Load	1.74 (1.49 – 1.86)
Characteristic Strength	1.49

Stainless steel 316L

AS/NZS 2699.2:2020	CGT 4 (40mm Gap) Mean (range)
Preliminary Stiffness (kN/mm)	0.14 (0.10 – 0.16)
Serviceability Stiffness (kN/mm)	0.34 (0.25 – 0.41)
Peak Load (kN)	
Mean Load	3.50 (3.03 – 3.86)
Characteristic Strength	2.86

Installation