



All TecTies Restraint and Movement Fixings are independently tested at Ceram Building Technology, a UKAS accredited laboratory NO 0013, to the requirements in Standard BS EN 845-1:2003.

RESTRAINT & MOVEMENT FIXINGS

TTSFC (Stainless Steel)

TTGFC (Galvanised)



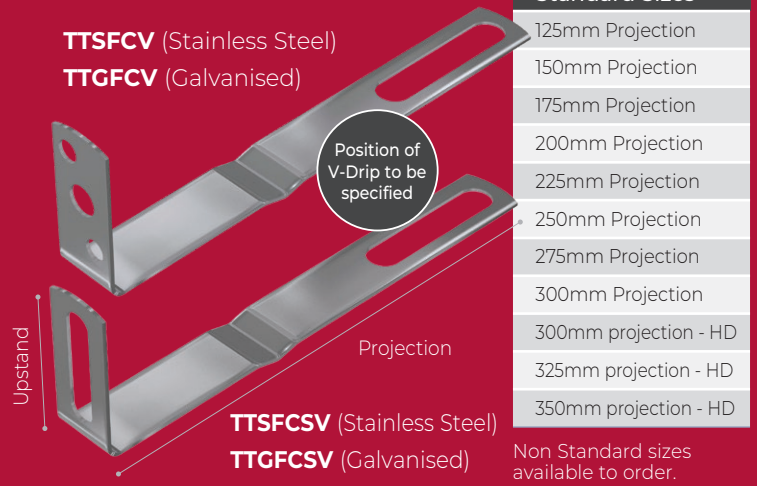
Standard Sizes

75mm Projection
100mm Projection
125mm Projection
150mm Projection
175mm Projection
200mm Projection
225mm Projection
250mm Projection

Non Standard sizes available to order.

TTSFCV (Stainless Steel)

TTGFCV (Galvanised)



Standard Sizes

125mm Projection
150mm Projection
175mm Projection
200mm Projection
225mm Projection
250mm Projection
275mm Projection
300mm Projection
300mm projection - HD
325mm projection - HD
350mm projection - HD

Non Standard sizes available to order.

TTSFC, TTGFC, TTSFCV and TTGFCV upstands are available in slotted or holed.

Frame Cramps

Available with three holes or a slot in the upstand for screwfix, bolting or shotfiring and safety end detail for embedment. **Manufactured in Stainless Steel and Galvanised Steel.**

TTSFC/TTSFCV (Stainless 304) - BSEN485-1:2013+A1 2016 - Couplet Test Masonry Fixing data

TTSFC/TTSFCV	Material	Upstand	Mean Load Capacity			Displacement 1/3RD Load	
			Tension 3 slot	Tension Slot	Compression	Tension	Compression
75MM - 225MM	2.0mm 304 stainless steel	3 Hole/slot none v-drip	480	530	1290	1.01mm	0.56mm
75MM - 225MM	2.0mm 304 stainless steel	3 Hole/slot v-drip	480	530	1260	1.01mm	0.56mm
250MM - 300MM	2.0mm 304 stainless steel	3 Hole/slot none v-drip	480	530	1130	1.01mm	0.56mm
250MM - 300MM	2.0mm 304 stainless steel	3 Hole/slot v-drip	480	530	1130	1.01mm	0.56mm
TTSFC/TTSFCV							
250MM - 300MM	2.5mm 304 stainless steel	3 Hole/slot none v-drip	480	530	1380	1.01mm	0.36mm
250MM - 300MM	2.5mm 304 stainless steel	3 Hole/slot v-drip	480	530	1380	1.07mm	0.36mm
TTHDSFCV - HEAVY DUTY							
300MM	3.0mm 304 stainless steel	One hole/v-drip	3710	-	2400	0.90mm	0.32mm
325-350MM	3.0mm 304 stainless steel	One hole/ v-drip	3710	-	2000	0.90mm	0.21mm

visit www.tecties.co.uk for more information or call **01663 749361**

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Movement Ties

These products are designed to provide restraint in one direction and movement to allow for horizontal expansion and contraction. The Debonding Sleeve is located over the embedment detail to allow the tie to move.

Typical usages are in areas where masonry is restrained to Steelwork columns and in long spans of brickwork where movement joints are required. of the Building Regulations for Type B in external walls.

RESTRAINT & MOVEMENT FIXINGS

Clasp Ties

This product is designed to restrain masonry to vertical structures. Three holes for screwfix, bolting or shotfiring and safety end detail for embedment. Manufactured in Stainless or Galvanised Steel.

Standard Sizes

150mm
200mm
225mm
250mm

Non Standard sizes available to order.

TTSCT (Stainless Steel)

TTGCT (Galvanised)



	Mean Load Capacity	Displacement at 1/3 load
Tension	8900N	1.13mm

TTSSPE (Stainless Steel)

TTGSPE (Galvanised)

Standard Sizes

150mm	225mm
175mm	250mm
200mm	



TTSSPE Test Results BS EN 845-1 : 2013 + A1 2016

	Mean Load Capacity	Displacement at 1/3 load
Shear	2610N	NPD
Tension	1950N	0.65mm

Special sizes can be manufactured to order.

TTSSPS (Stainless Steel)

TTGSPS (Galvanised)



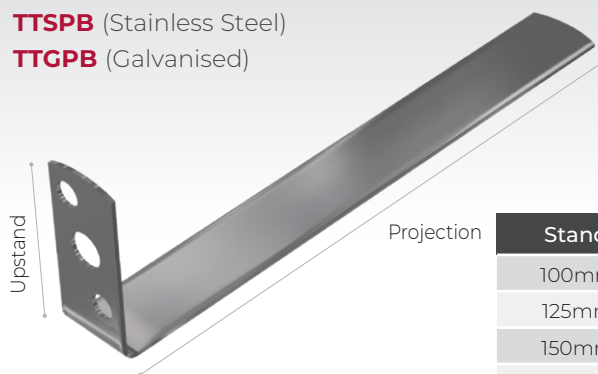
Standard Sizes

200mm
225mm
250mm

Special sizes can be manufactured to order.

TTSPB (Stainless Steel)

TTGPB (Galvanised)



Standard Sizes

100mm Projection
125mm Projection
150mm Projection
175mm Projection
200mm Projection

Special sizes can be manufactured to order.

TTDS



Debonding Sleeve

100mm x 20mm
150mm x 20mm

Ties can be supplied with or without sleeve.

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