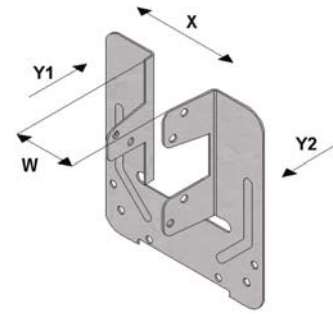


## Truss Clips

**BS 5268 : Part 3 and NHBC will no longer permit skew nailing of trussed rafters to wall plates.**

The Cullen Truss Clip (TC) eliminates the potential damage skew nailing can cause to connector plates, rafters or wall plates by offering a positive fixing on two planes with an assured safe working load.



### TYPICAL APPLICATIONS

- Securing trussed rafters to wall plates

### MATERIAL

- 0.9mm galvanised mild steel - G275

### ADVANTAGES

- "Push on" fit allows truss clip to be retained in position prior to nailing

Product Code	Truss Width	W	Fixings		Safe Working Loads (kN) short term			
			Wallplate	Truss	Uplift	(X)	(Y1)	(Y2)
TC 38	35	38	6	6	1.86	0.9	1.29	0.45
TC 44	41	44	6	6	1.86	0.9	1.29	0.45
TC 50	47	50	6	6	1.86	0.9	1.29	0.45
TC 38 (2)	35	38	6	6	3.72	1.80	2.58	1.74
TC 44 (2)	41	44	6	6	3.72	1.80	2.58	1.74
TC 50 (2)	47	50	6	6	3.72	1.80	2.58	1.74

(2) denotes two truss clips fitted together as Fig.1

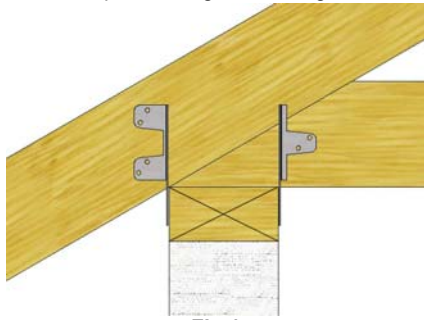
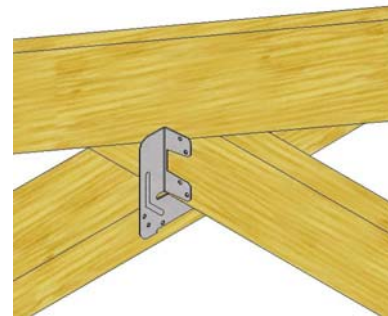


Fig.1

Truss clips can be fixed to the external, internal or both faces of the wallplate



Truss clip installed to internal face

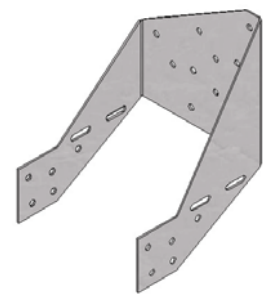
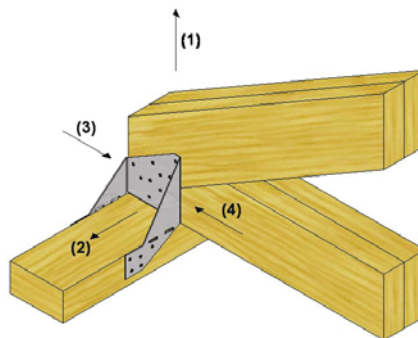
## High Load Truss Clips

### TYPICAL APPLICATIONS

- Securing multiple truss rafters to wall plates in high load conditions

### MATERIAL

- 1.2mm galvanised mild steel- G275



Right hand option illustrated

Product Code	Wallplate Width	Fixings		Safe Working Loads (kN) short term			
		Wallplate	Truss	1	2	3	4
HLTC 90	90	10	11	4.24	3.43	4.19	4.19
HLTC 100	100	10	11	4.24	3.43	4.19	4.19
HLTC 140	140	10	11	4.24	3.43	4.19	4.19

**Note** – All loads stated are for a pair of HLTC onto a double truss

# Slide Shoes

The Cullen Slide Shoe (SS) will provide a maximum of 26mm lateral movement when required to accommodate displacement in raised tie or scissor roof truss applications, without compromising its resistance to uplift.

**TYPICAL APPLICATIONS**

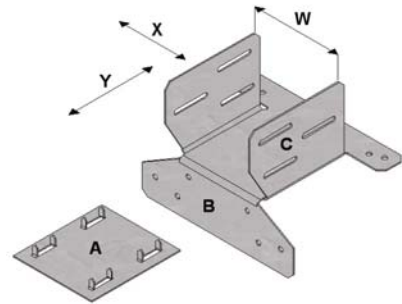
- Securing raised tie or scissor roof trusses to wallplate

**MATERIAL**

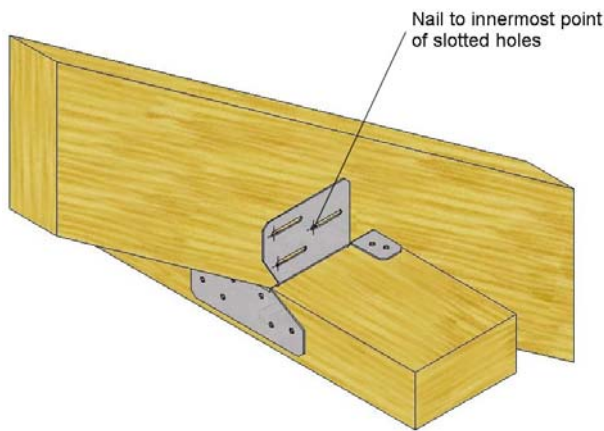
- 1.2mm galvanised mild steel- G275

**INSTALLATION PROCEDURE**

1. Tap bearing plate "A" into position on underside of truss bearing area.
2. Install face nails to either face of wall plate "B" (6 off)
3. Install all remaining wall plate nails
4. Locate truss in position
5. Nail through side support flanges "C" into truss



**Note** - Always nail at innermost point to achieve maximum lateral movement



Product Code	Truss Width	Fixings		Safe Working Loads (kN) short term		
		Wallplate	Truss	Uplift	(X)	(Y)
SS 38	38	10	6	2.42	1.61	0
SS 44	44	10	6	2.42	1.61	0
SS 50	50	10	6	2.42	1.61	0
SS 75	75	10	6	2.42	1.61	0
SS 100	100	10	6	2.42	1.61	0
SS 150	150	10	6	2.42	1.61	0

**GENERAL NOTES**

1. All safe working loads derived from tests witnessed and verified by TimberSolve Limited
2. To achieve stated safe working loads nail as schedule.
3. All nails used are 3.75 Ø x 30mm sherardised square twist nails
4. Refer to special notes section for pneumatic gun nailing options (see page 33)
5. Truss Clips are packaged 200/box - gross weight 13.5 kg
6. HLTC 90 - packaged 30/box - gross weight 9 kg
7. HLTC 100 - packaged 30/box - gross weight 9 kg
8. HLTC 150 - packaged 25/box - gross weight 10 kg
9. SS 38 - packaged 40/box - gross weight 8 kg
10. SS 50 - packaged 40/box - gross weight 9 kg
11. SS 75 - packaged 40/box - gross weight 10 kg
12. SS 100 - packaged 30/box - gross weight 9 kg
13. SS 150 - packaged 25/box - gross weight 10 kg
14. SS 200 - packaged 16/box - gross weight 7 kg
15. For applications outside the scope of those specified contact Cullen's Technical Department