

# SINGLE PIECE MASONRY HANGERS



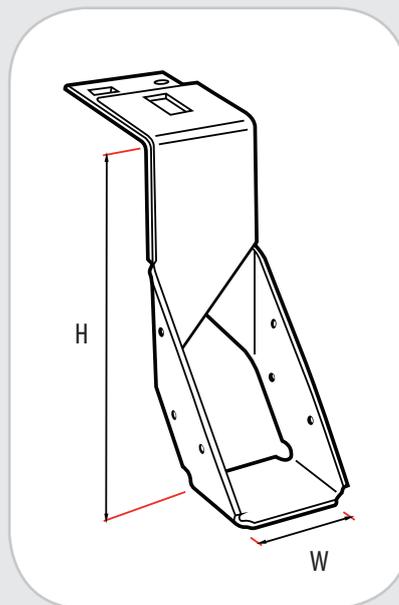
## Product Information

The FHM Single Piece Joist Hanger is designed to support timber joists built in to brick or block walls with a minimum crushing strength of 3.5N/mm<sup>2</sup>. They are also suitable for many timber to timber applications by fixing the masonry flange securely to the timber or to steel beams using appropriate fixings.

- Galvanised steel to EN 10346 DX51D Z600.
- Tested by CERAM Research Ltd Notification Body No.1289.
- Manufactured to EN 845-1:2013.

## Key Features

- Straight top flange.
- Can easily be transformed into a hook over joist hanger using the unique FHM Lock Plates, no special tools or rivets are required. Just insert Lock Plate at 90°, rotate and tap into place.
- No welds.
- FHM Hangers 150mm and above are manufactured 10mm less to allow for notching out regularised timber.



W - Width  
H - Height

## Single Piece Masonry Hangers

TIMco Code	Width (mm) W	Height (mm) H	Box Qty
47100MH	50	100	30
47125MH	50	125	30
47147MH	50	140	20
47175MH	50	165	20
47200MH	50	190	20
47225MH	50	215	20

## Performance Data

Hanger Height (mm)	100	125	140	165	190	215
Joist Height (mm)	100	125	150	175	200	225
Width (mm)	50	50	50	50	50	50
Characteristic value (kN) Eurocode 6	9.7	9.7	9.7	9.7	9.7	9.7
Safe working load (kN) BSS628	5.4	5.4	5.4	5.4	5.4	5.4

\*All values are derived in line with EN 845-1:2013 based on a declared value of 10.8kN.

## Installation guidelines

- The back plate of the hanger should lie flat against the vertical masonry support.
- Masonry flange should have a minimum of 3 courses (675mm masonry) above.
- Both supporting and above masonry should be allowed to mature before any load is applied.
- Joist should be square cut and sit tight to the back of the hanger - maximum gap permitted is 6mm.
- Nail the side flanges with 30 x 3.75mm galvanised square twist nails or equivalent. Stainless steel hangers should be nailed using 30 x 3.75 annular ring shank nails.
- To provide lateral restraint HD straps should be used.
- The masonry flange should always be securely fixed or adequately embedded and should never be placed in dry slots.
- Use appropriate fixings.
- Always ensure that compatible corrosion resistant fixings are used, i.e. do not use galvanised fixings with stainless steel products or vice versa.
- Use correct strength mortar as per British Standard.



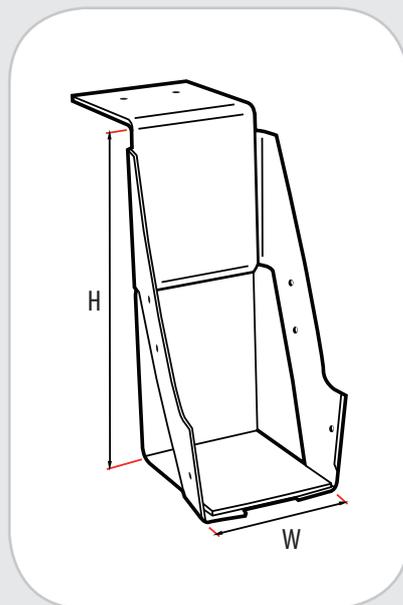
**Product Information**

The WM Welded Masonry Joist Hanger is designed to support timber joists built in to brick or block walls with a minimum crushing strength of 3.5N/mm<sup>2</sup>. They are also suitable for many timber to timber applications by fixing the masonry flange securely to the timber or to steel beams using appropriate fixings.

- Galvanised steel to EN10346 DX51D Z275 or grade 1.4301 austenitic stainless steel to EN 10088-2.
- Tested by CERAM Research Ltd Notification Body No.1289.
- Manufactured to EN 845-1:2013.

**Key Features**

- Flexibility of design means as well as the standard sizes shown the WM can be manufactured in any size to order.
- 2.4mm thick.



W - Width  
H - Height

**Welded Masonry Hangers**

TIMco Code	Width (mm) W	Height (mm) H	Box Qty
75150WMH	75	140	25
75175WMH	75	165	20
75200WMH	75	190	20
75225WMH	75	215	20
90150WMH	90	140	15
90175WMH	90	165	15
90200WMH	90	190	15
90225WMH	90	215	15
100150WMH	100	140	15
100175WMH	100	165	15
100200WMH	100	190	15
100225WMH	100	215	15
150200WMH	150	190	10
150225WMH	150	215	10

**Welded Masonry Hangers - Stainless Steel**

TIMco Code	Width (mm) W	Height (mm) H	Box Qty
47100WMHS	47	100	30
47150WMHS	47	140	20
47175WMHS	47	165	20
47200WMHS	47	190	20
47225WMHS	47	215	20
100150WMHS	100	140	15
100175WMHS	100	165	15
100200WMHS	100	190	15
100225WMHS	100	215	15

*Stainless Steel items can be purchased in singles.*

**Performance Data**

Hanger Height (mm)	100	140	165	190	215	140	165	190	215	140	165	190	215	190	215
Width (mm)	75	75	75	75	75	90	90	90	90	100	100	125	125	150	150
Characteristic value (kN) Eurocode 6	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Safe working load (kN) BS5628	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5

**Installation guidelines**

- The back plate of the hanger should lie flat against the vertical masonry support.
- Masonry flange should have a minimum of 3 courses (675mm masonry) above.
- Both supporting and above masonry should be allowed to mature before any load is applied.
- Joist should be square cut and sit tight to the back of the hanger - maximum gap permitted is 6mm.
- Nail the side flanges with 30 x 3.75mm galvanised square twist nails or equivalent. Stainless steel hangers should be nailed using 30 x 3.75 annular ring shank nails.
- To provide lateral restraint HD straps should be used.
- The masonry flange should always be securely fixed or adequately embedded and should never be placed in dry slots.
- Use appropriate fixings.
- Always ensure that compatible corrosion resistant fixings are used, i.e. do not use galvanised fixings with stainless steel products or vice versa.
- Use correct strength mortar as per British Standard.

# MULTI-FUNCTIONAL HANGERS



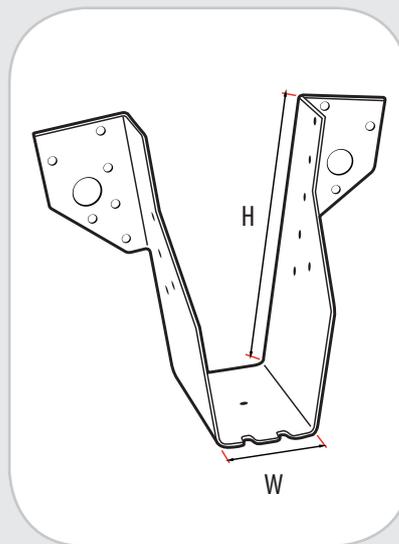
## Product Information

The Face Fix Range of Joist Hangers are designed for applications where additional strength is required or where access to the top of the timber or steel is not available. This range can be nailed or bolted. All values are given based on all nail holes being used, for bolting values please refer to the bolt manufacturers guidelines. The hanger should be a minimum of over half (60%) the depth of the supported member to avoid rotation.

- Galvanised steel to EN 10346 DX51D Z275.
- Tested by CERAM Research Ltd Notification Body No. 1289. (applies to the MFH only)

## Key Features

- MFM - 1.2mm thick & MFT - 2mm thick.
- Location tabs aid fast accurate alignment of the hanger.
- M12 bolt holes.
- 85mm bearing.



W - Width  
H - Height

## Muti Functional Hangers

TIMco Code	Width (mm) W	Height (mm) H	Number of nails (30 x 3.75)		Box Qty	TIMco Code	Width (mm) W	Height (mm) H	Number of nails (30 x 3.75)		Box Qty
			Header	Joist					Header	Joist	
47240MMFH	47	97	10	8	25	76504MFH	76	214	28	21	20
47346MFH	47	150	12	13	30	90504MFH	90	207	28	21	20
47404MFH	47	179	18	15	30	100346MFH	100	123	12	13	30
47504MFH	47	229	28	21	20	100404MFH	100	152	18	15	30
76346MFH	76	135	12	13	30	100504MFH	100	202	28	21	20
76404MFH	76	164	18	15	30	150504MFH	150	177	28	21	20

## Performance Data

TIMco Code	47240MMFH	47346MFH	47404MFH	47504MFH	76346MFH	76404MFH	76504MFH	90504MFH	100346MFH	100404MFH	100504MFH	150504MFH
Characteristic value (kN) Eurocode 6	-	12.8	19.8	25.1	12.8	19.8	25.1	25.1	12.8	19.8	25.1	25.1
Safe working load (kN) B55628 - Short Term	-	6.4	9.9	12.55	6.4	9.9	12.55	12.55	6.4	9.9	12.55	12.55
Safe working load (kN) B55628 - Medium	-	6.1	9.4	11.95	6.1	9.4	11.95	11.95	6.1	9.4	11.95	11.95
Safe working load (kN) B55628 - Long Term	-	5.3	8.25	10.45	5.3	8.25	10.45	10.45	5.3	8.25	10.45	10.45

## Installation guidelines

- All holes should be nailed using 30 x 3.75 square twist nails or equivalent, for stainless steel products use 30 x 3.75 stainless steel annular ring shank nails.
- Always ensure that compatible corrosion resistant fixings are used, i.e. do not use galvanised fixings with stainless steel products or vice versa.



**Product Information**

Timber to timber joist hangers to support floor joists and trimmers of varying depths.

**Woody No Tag**

- Galvanised steel to EN 10346 DX51D Z275.

**Woody Standard**

- Galvanised steel EN 10346 DX51D Z275 or Grade 1.4301 austenitic stainless steel to EN 10088-2.
- Tested by Ceram Research Ltd Notification Body No. 1289.

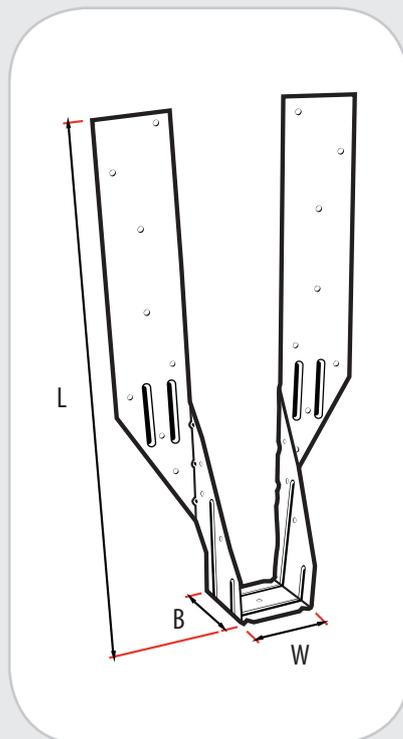
**Key Features**

**Woody No Tag**

- Designed to allow easy fixing of plasterboard.
- Superior design allows for the use of fewer nails for faster installation.

**Woody Standard**

- Increased leg lengths, all widths can take up to 225mm deep joist.
- Available up to 150mm wide.
- Tag on the base of the hanger to help avoid rotation and aid fast, accurate location. The tag can be bent if not required.



W - Width  
L - Length  
B - Bearing

**Timber Hangers - No Tag**

TIMco Code	Width (mm) <b>W</b>	Leg (mm) <b>L</b>	Joist Bearing (mm) <b>B</b>	Joist Size W x D to D (mm)	Box Qty
44TH	44	306	60	44 x 125 to 220	100
47TH	47	305	60	47 x 125 to 220	100
63TH	63	297	60	63 x 125 to 220	100
75TH	75	291	60	75x 125 to 220	100
90TH	90	283	60	90 x 125 to 220	100
100TH	100	278	60	100 x 125 to 220	100

**Timber Hangers - Standard**

TIMco Code	Width (mm) <b>W</b>	Leg (mm) <b>L</b>	Joist Bearing (mm) <b>B</b>	Joist Size W x D to D (mm)	Box Qty
125TH	125	300	50	125 x 100 to 225	100
150TH	150	300	50	150 x 100 to 225	100

**Timber Hangers - Stainless Steel**

TIMco Code	Width (mm) <b>W</b>	Leg (mm) <b>L</b>	Joist Bearing (mm) <b>B</b>	Joist Size W x D to D (mm)	Box Qty
47THS	47	275	50	47x 100 to 225	100
76THS	76	300	50	76 x 100 to 225	100
100THS	100	300	50	100 x 100 to 225	100

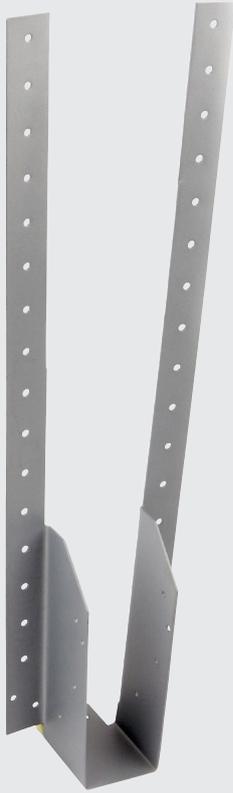
**Performance Data**

TIMco Code	44TH	47TH	63TH	75TH	90TH	100TH	125TH	150TH	47THS	76THS	100THS
Characteristic value (kN) Eurocode 5	14.41	14.41	14.41	14.41	14.41	14.41	15.44	14.44	15.44	15.44	15.44
Safe working load (kN) B55628 - Short Term	7.21	7.21	7.21	7.21	7.21	7.21	7.72	7.72	7.72	7.72	7.72
Safe working load (kN) B55628 - Medium Term	6.86	6.86	6.86	6.86	6.86	6.86	7.35	7.35	7.35	7.35	7.35
Safe working load (kN) B55628 - Long Term	6.0	6.0	6.0	6.0	6.0	6.0	6.43	6.43	6.43	6.43	6.43
Number of Nail holes	23	23	23	23	23	23	32	32	32	32	32

**Installation guidelines**

- All holes should be nailed using 30 x 3.75 square twist nails or equivalent, for stainless steel products use 30 x 3.75 stainless steel annular ring shank nails.
- Always ensure that compatible corrosion resistant fixings are used, i.e. do not use galvanised fixings with stainless steel products or vice versa.

# LONG LEG - TIMBER TO TIMBER HANGERS



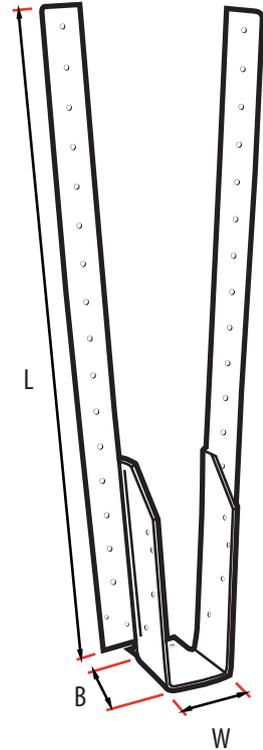
## Product Information

Timber to timber joist hangers; designed for use in loft conversions where the hanger extends below the support.

- Galvanised steel EN 10346 DX51D Z275 or Grade 1.4301 austenitic stainless steel to EN 10088-2.
- Tested by CERAM Research Ltd Notification Body No.1289.

## Key Features

- The superior design does not require wide straps making them easier to install on site.
- Loads below are from tests where the Long Leg is hung 100mm below the support with all available holes nailed.
- Far greater load carrying capabilities than other leading brands.
- 450mm and 600mm legs available.



W - Width  
L - Length  
B - Bearing

## Timber Hangers - No Tag

TIMCO Code	Width (mm) W	Leg (mm) L	Joist Bearing (mm) B	Joist Size W x D to D (mm)	Box Qty
44450LTH	44	453	50	44 x 150 to 250	25
47450LTH	47	445	50	47 x 150 to 250	25
76450LTH	76	435	50	76 x 175 to 250	25
90450LTH	90	425	50	90 x 150 to 250	25
100450LTH	100	420	50	100 x 150 to 250	25
125450LTH	125	450	50	125 x 175 to 250	15
150450LTH	150	450	50	150 x 175 to 250	15

## Installation guidelines

- All available holes should be nailed using 30 x 3.75 square twist galvanised nails or equivalent, for stainless steel use 30 x 3.75 annular ring shank nails.
- Always ensure that compatible corrosion resistant fixings are used, i.e. do not use galvanised fixings with stainless steel products or vice versa.

## Performance Data

TIMCO Code	44450LTH	47450LTH	76450LTH	90450LTH	100450LTH	125450LTH	150450LTH
Characteristic value (kN) Eurocode 5	28.04	28.04	28.04	28.04	28.04	28.04	28.04
Safe working load (kN) BS5628 - Short Term	14.02	14.02	14.02	14.02	14.02	14.02	14.02
Safe working load (kN) BS5628 - Medium Term	13.35	13.35	13.35	13.35	13.35	13.35	13.35
Safe working load (kN) BS5628 - Long Term	11.68	11.68	11.68	11.68	11.68	11.68	11.68

# MINI - TIMBER TO TIMBER HANGERS



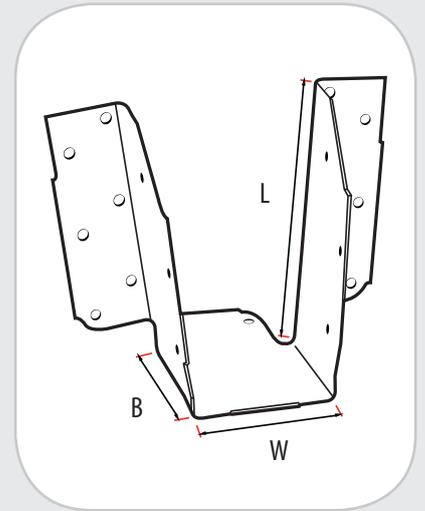
## Product Information

Timber to timber joist hangers suitable for light duty applications such as trimmers, ceiling joists and decking.

- Galvanised Steel EN 10346 DX51D Z275 or Grade 1.4301 Austenitic Stainless Steel to EN 10088-2.
- Test by CERAM Research Ltd Notification Body No. 1289.

## Key Features

- Tag on the base of the hanger helps avoid rotation and aids fast, accurate location. The tag can easily be bent if not required.
- Joist bearing 50mm.
- 1.0mm gauge.
- Two depths available.



W - Width  
L - Length  
B - Bearing

### Mini Timber Hangers - Galvanised Steel

TIMco Code	Width (mm) W	Leg (mm) L	Joist Bearing (mm) B	Joist Size W x D to D (mm)	Box Qty
44THM	44	68	50	44 x 75 to 100	150
47THM	47	67	50	47 x 75 to 100	150

### Mini Timber Hangers - Stainless Steel

TIMco Code	Width (mm) W	Leg (mm) L	Joist Bearing (mm) B	Joist Size W x D to D (mm)	Box Qty
44THMS	44	97	50	44 x 100 to 150	150
47THMS	47	96	50	47 x 100 to 150	150

## Installation guidelines

- All holes should be nailed using 30 x 3.75 square twist nails or equivalent.
- For stainless steel products use 30 x 3.75 stainless steel annular ring shank nails.

## Performance Data

TIMco Code	44THM	47THM	44THMS	47THMS
Characteristic value (kN) Eurocode 5	8.34	8.34	9.5	9.5
Safe working load (kN) BS5628 - Short Term	4.17	4.17	4.75	4.75
Safe working load (kN) BS5628 - Medium Term	3.97	3.97	4.53	4.53
Safe working load (kN) BS5628 - Long Term	3.47	3.47	3.96	3.96
Number of Nail holes	14	14	20	20

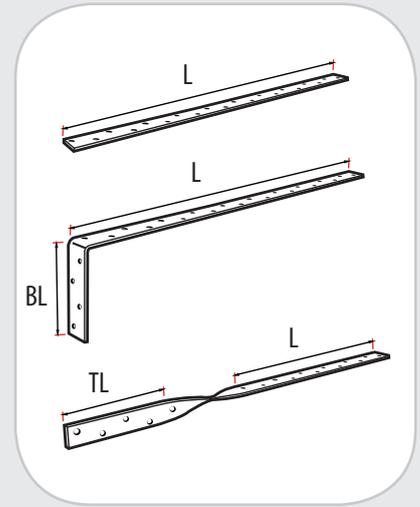
# HEAVY DUTY RESTRAINT STRAPS



## Product Information

Traditional Heavy Duty Restraint Straps designed to The Building Regulations BS 5268 Part 3 and other building standards for lateral restraint. Heavy Duty Restraint Straps are generally for horizontal applications providing lateral restraint of roof trusses, rafters and joists tied to masonry.

- Galvanised steel EN 10346 DX51D Z275 or grade 1.4301 austenitic stainless steel.
- Manufactured to EN 845-1:2013.
- Tested by CERAM Research Ltd Notification Body No.1289.



L - Length  
BL - Bend Length  
TL - Twist Length

## Key Features

- Popular stock sizes are listed on the following page but straps can be ordered to any length up to 15m.
- Holed 6mm at 25mm offset centres.
- Available in galvanised or stainless steel.

### Bent Heavy Duty Restraint Straps - Galvanised Steel

TIMco Code	Overall Length (mm) L	Length of Bend (mm) BL	Box Qty
600BRSH	600	100	10
800BRSH	800	100	10
1000BRSH	1000	100	10
1200BRSH	1200	100	10
1500BRSH	1500	100	10
1600BRSH	1600	150	10

### Bent Heavy Duty Restraint Straps - Stainless Steel

TIMco Code	Overall Length (mm) L	Bend Length (mm) BL	Box Qty
1000BRSHS	600	100	10
1200BRSHS	1000	100	10

### Flat Heavy Duty Restraint Straps - Galvanised Steel

TIMco Code	Overall Length (mm) L	Length of Bend (mm) BL	Box Qty
1000FRSH	1000	-	10

### Twisted Heavy Duty Restraint Straps - Galvanised Steel

TIMco Code	Overall Length (mm) L	Length of Twist (mm) TL	Box Qty
600TRSH	600	100	10
1000TRSH	1000	100	10

## Installation guidelines

- For galvanised straps use min 7 no. 3.75 x 30 square twist nails or equivalent fixed to timber joists / rafters.
- For stainless steel use min 7 no. 3.75 x 30 annular ring shank stainless steel nails or equivalent fixed to timber joists/rafters.

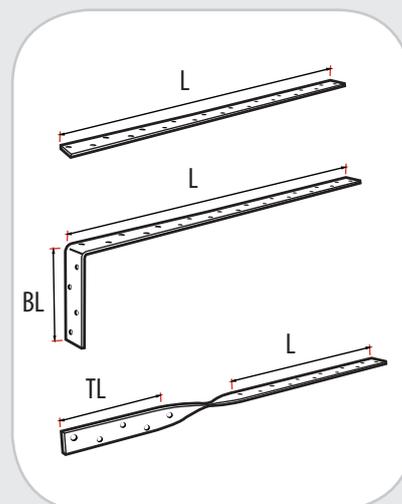
# LIGHT DUTY RESTRAINT STRAPS



## Product Information

Traditional Light Duty Restraint Straps designed to The Building Regulations BS 5268 Part 3 and other building standards for vertical restraint. Light Duty Restraint Straps are generally for vertical applications such as holding down a wall plate.

- Galvanised steel EN 10346 DX51D Z275 or grade 1.4301 austenitic stainless steel.
- Manufactured to EN 845-1:2013.
- Tested by CERAM Research Ltd Notification Body No.1289.



L - Length  
BL - Bend Length  
TL - Twist Length

## Key Features

- Popular stock sizes are listed on the following page but straps can be ordered to any length up to 15m.
- Holed 6mm at 25mm offset centres.
- Available in galvanised or stainless steel.

### Bent Light Duty Restraint Straps - Galvanised Steel

TIMco Code	Overall Length (mm) L	Length of Bend (mm) BL	Box Qty
300BRSL	300	100	100
600BRSL	600	100	20
800BRSL	800	100	20
1000BRSL	1000	100	20
1200BRSL	1200	100	20

### Flat Light Duty Restraint Straps - Galvanised Steel

TIMco Code	Overall Length (mm) L	Length of Bend (mm) BL	Box Qty
1000FRSL	1000	-	20

### Twisted Light Duty Restraint Straps - Galvanised Steel

TIMco Code	Overall Length (mm) L	Length of Twist (mm) TL	Box Qty
1000TRSL	1000	100	20

### Bent Light Duty Restraint Straps - Stainless Steel

TIMco Code	Overall Length (mm) L	Bend Length (mm) BL	Box Qty
1000BRSLs	1000	100	20

### Flat Light Duty Restraint Straps - Stainless Steel

TIMco Code	Overall Length (mm) L	Bend Length (mm) BL	Box Qty
1000FRSLs	1000	-	20

## Installation guidelines

- When used as a vertical restraint to hold down a wall plate use a minimum length of 900mm.
- For galvanised straps use min 10 no. 3.75 x 30 square twist nails or 6 no. 4 x 40 screws (drilled and plugged) into the masonry. Use min 2 no. 3.75 x 30 square twist nails into wall plate.
- For stainless steel straps use min 10 no. 3.75 x 30 annular ring shank nails stainless steel or 6 no. 4 x 40 stainless steel screws (drilled and plugged) into the masonry. Use min. 2 no. 30 x 3.75 annular ring shank nails into wall plate.



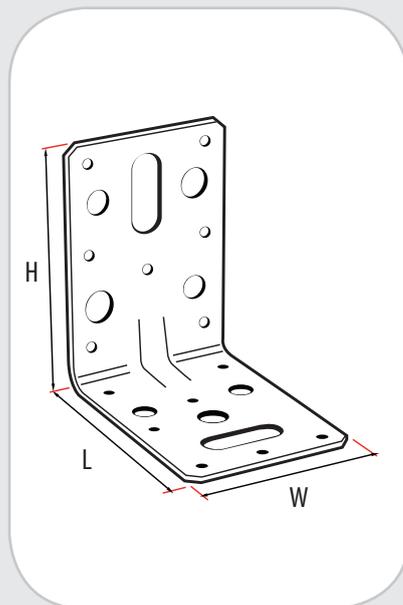
**Product Information**

General purpose brackets for all applications where one member crosses another or one member is trimmed into another. A range of sizes and finishes are available to suit all applications.

- Galvanised steel EN 10346 DX51D Z275.
- Grade 1.4301 austenitic stainless steel to EN 10088-2.

**Key Features**

- Heavy duty brackets with strengthening ribs on bend to give added rigidity.



H - Height  
L - Length  
W - Width

**Angle Brackets - Galvanised Steel**

TIMco Code	Width (mm) W	Leg (mm) L x H	Thickness (mm)	Supporting Ribs	Box Qty
5050AB	62	50 x 50	2.4	Not required	100
6040AB	62	60 x 40	2.4	Not required	50
9090AB	62	90 x 90	2.4	Yes	50
15090AB	62	150 x 90	2.4	Yes	50
150150AB	62	150 x 150	2.4	Yes	50

**Angle Brackets - Stainless Steel**

TIMco Code	Width (mm) W	Leg (mm) L x H	Thickness (mm)	Supporting Ribs	Box Qty
6040ABS	62	60 x 40	2.4	Not required	50
9090ABS	62	90 x 90	2.4	Yes	50

**Number of Fixing Holes per Bracket**

TIMco Code	5050AB	6040AB	9090AB	15090AB	150150AB	6040ABS	9090ABS
Number of Nail 3.75mm holes	11	13	15	23	19	13	15
Number of holes M8mm	-	-	3	3	3	-	3
Number of holes M10mm	-	-	4	6	5	-	4
Number of holes M10mm slots	9	7	-	-	-	7	-
Number of holes M6mm	2	2	2	4	3	2	2

**Installation guidelines**

- Use appropriate fixings.
- Always ensure that compatible corrosion resistant fixings are used, i.e. do not use galvanised fixings with stainless steel products or vice versa.



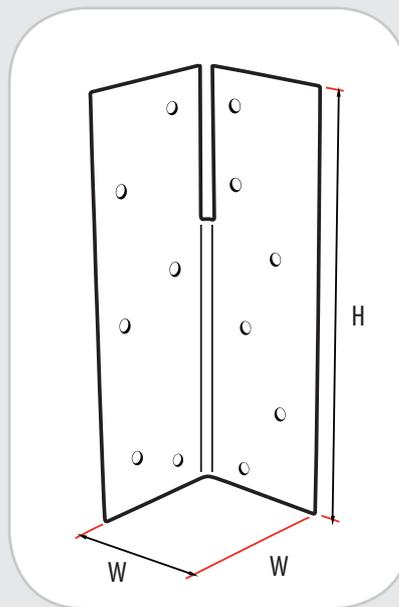
**Product Information**

For stronger nailed joints and economical secondary connections in timber framing. Framing Anchors are an effective, versatile and economical method of providing strong, mechanical joints. Suitable for timber of minimum 44 x 44 section.

- Galvanised steel EN 10346 DX51D Z275 or grade 1.4301 austenitic stainless steel to EN 10088-2.
- 1.0mm Pre-galvanised steel.

**Key Features**

- Hole to permit the fixing of covering.
- Universal Anchor that can be bent to suit all applications.



H - Height  
W - Width

**Universal Framing Anchor**

TIMco Code	Width (mm) W x W	Height (mm) H	Number of nails (30 x 3.75)	Box Qty
UFA	40 x 40	124	12	100

**Installation guidelines**

- All holes should be nailed using 30 x 3.75 square twist nails or equivalent.
- Always ensure that compatible corrosion resistant fixings are used, i.e. do not use galvanised fixings with stainless steel products or vice versa.



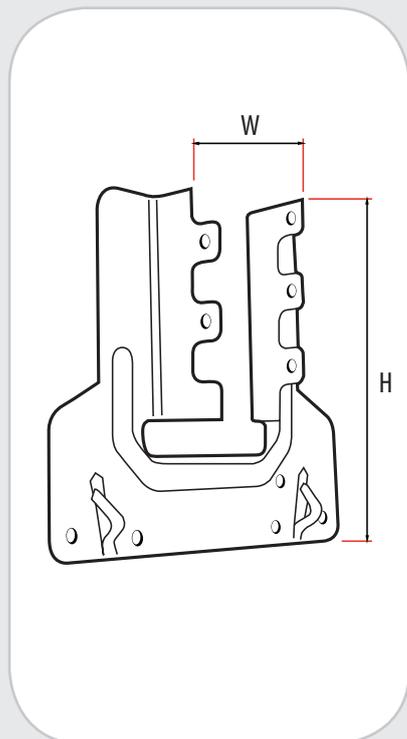
**Product Information**

Used to fix trusses, girders and rafters to the wall plate.

- Galvanised steel EN 10346 DX51D Z275.
- Tested by CERAM Research Ltd Notification Body No.1289.

**Key Features**

- Installation prongs to aid location.



W - Width  
H - Height

**Pre - Galvanised Steel**

TIMco Code	Width (mm) <b>W</b>	Height (mm) <b>H</b>	Number of nails (30 x 3.75)	Box Qty
47TC	47		12	150

**Performance Data**

TIMco Code	47TC
Characteristic value (kN) Eurocode 5	8.34
Safe working load (kN) B55628 - Short Term	4.17

**Installation guidelines**

- All holes should be nailed using 30 x 3.75 square twist nails or equivalent, for stainless steel products use 30 x 3.75 stainless steel annular ring shank nails.



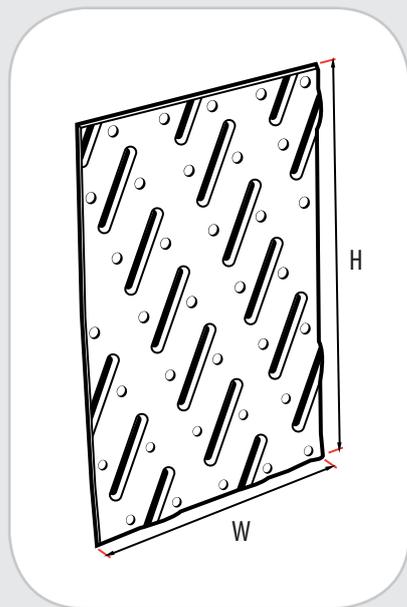
**Product Information**

A versatile plate used to connect or repair timber.

- Galvanised steel EN 10346 DX51D Z275 or grade 1.4301 austenitic stainless steel to EN 10088-2.

**Key Features**

- Strengthening ribs for added rigidity.
- All holes are pressed countersunk to aid location of the nail and to give a flush finish.



H - Height  
W - Width

**Pre-Galvanised Steel - 1mm**

TIMco Code	Width (mm) W	Thickness (mm)	Height (mm) H	Box Qty
42NP	42	1.0	178	100
85NP	85	1.0	178	50
104NP	104	1.0	154	50
169NP	169	1.0	178	50
178NP	178	1.0	338	25

**Stainless Steel - 1mm**

TIMco Code	Width (mm) W	Thickness (mm)	Height (mm) H	Box Qty
85NPS	85	1.0	178	50

**Installation guidelines**

- Use appropriate fixings. Always ensure that compatible corrosion resistant fixings are used, i.e. do not use galvanised fixings with stainless steel products or vice versa.



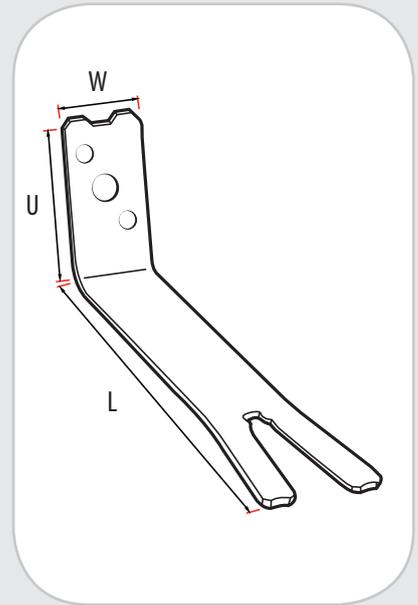
**Product Information**

Traditionally used for fixing wooden door and window frames into block work. Frame Cramps can also be used for restraining masonry to new and existing structures in non-structural applications and can easily be shot fired into steel work.

- Hot dipped spun galvanised to EN ISO 1461:2009.

**Key Features**

- 50mm upstand for easy fixing.
- Two 6mm holes and one 8mm hole.
- Galvanised after manufacture for superior corrosion resistance.



W - Width  
L - Length  
U - Upstand

**Heavy Duty Fishtailed Frame Cramps**

TIMco Code	Width (mm) W	Gauge (mm)	Projection Length (mm) L	Upstand (mm) U	Box Qty
100FFC	25	2.3	100	50	100
150FFC	25	2.3	150	50	100
200FFC	25	2.3	200	50	100

**Installation guidelines**

- Use appropriate fixings.
- Always ensure that compatible corrosion resistant fixings are used i.e. do not use galvanised fixings with stainless steel products or vice versa.



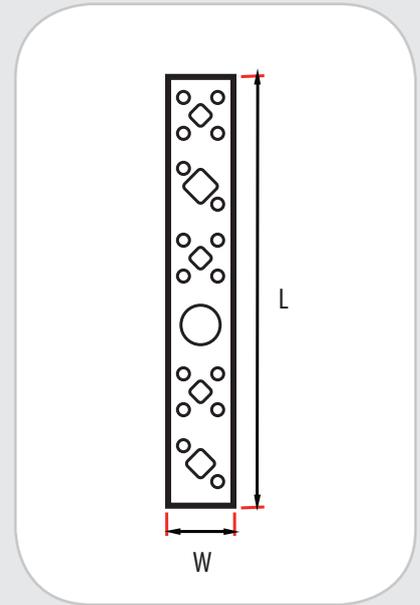
**Product Information**

A versatile multi purpose banding that can be cut, bent and formed for all types of light applications.

- Galvanised steel EN to 10346 DX51D Z275 or grade 1.4301 austenitic stainless steel to EN 10088-2.
- Holes: 3.75, M10 round, M10 & M8 square. The square holes are suitable for cup square hex (coach bolts).

**Key Features**

- Ideal for DIY, Industrial and Agricultural uses.
- Available in stainless steel and galvanised.
- Multiple hole sizes to add to its versatility.



W - Width  
L - Length

**Pre-Galvanised Steel - 0.9mm**

TIMco Code	Width (mm) W	Overall Length (m) L	Box Qty
2010FB	20	10	1

**Stainless Steel - 0.7mm**

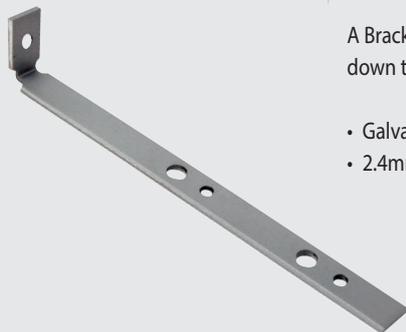
TIMco Code	Width (mm) W	Overall Length (m) L	Box Qty
2010FBS	20	10	1

**Installation guidelines**

- Use appropriate fixings.
- Always ensure that compatible corrosion resistant fixings are used, i.e. do not use galvanised fixings with stainless steel products.

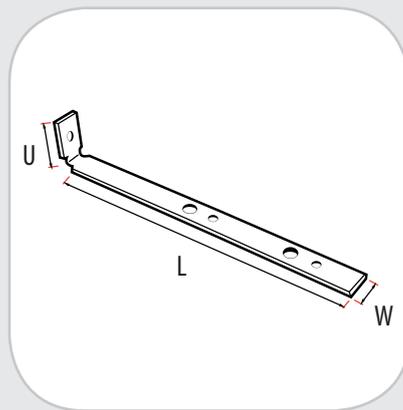


**Product Information**



A Bracket designed as a simple solution for fixing down the window board.

- Galvanised Steel EN 10346 DX51D Z275.
- 2.4mm Pre Galvanised Steel



W - Width  
 L - Length  
 U - Upstand

**Window Board Tie**

TIMco Code	Width (mm) W	Length (mm) L	Upstand (mm) U	Box Qty	Number of holes per Tie	
					4mm	6mm
WBT	12	147	22	100	3	2

**Installation guidelines**

- Use appropriate fixings.
- Always ensure compatible corrosion resistant fixings are used, i.e. do not use galvanised fixings with stainless steel products or vice versa.
- Please see diagram below.