# Technical data sheet H/L - RESTRAINT STRAP





H and L straps are designed to The Building Regulations, BS 5268 Part 3 and other building standards for vertical and horizontal restraint when connecting timber floor and roof systems to masonry walls.

#### UK-DoP-h13/0002

## FEATURES

### Material

• Pre-galvanised mild steel.





# **TECHNICAL DATA**

#### **Common Bent H Straps**

References Length (mm) B1 (mm)		Fasteners		Declared Characteristic	
		Masonry Wall	Floor Joist or rafter	Load [kN]	
H06B15	600	150	None	8 off 3.75 x 30mm SQT	8
H08B15	800	150	None	8 off 3.75 x 30mm SQT	8
H10B15	1000	150	None	8 off 3.75 x 30mm SQT	8
H12B15	1200	150	None	8 off 3.75 x 30mm SQT	8
H15B15	1500	150	None	8 off 3.75 x 30mm SQT	8
H16B15	1600	150	None	8 off 3.75 x 30mm SQT	8

### **Common Bend L Straps**

References	es Length (mm)	B1 [mm]	Fasteners		Declared Characteristic
Itelefences			Masonry Wall	Timber Wall Plate	Load [kN]
L06B10	600	100	5 off #12 x 50mm Wood Screw	3 off 3.75 x 30mm SQT	4
L10B10	1000	100	5 off #12 x 50mm Wood Screw	3 off 3.75 x 30mm SQT	4
L12B10	1200	100	5 off #12 x 50mm Wood Screw	3 off 3.75 x 30mm SQT	4

## **Common Twisted Straps**

References	Length (mm)	T1 (mm)
H06T15	600	150
H10T15	1000	150
L06T10	600	100
L10T10	1000	100
L12T10	1200	100

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## **Common Flat Straps**

References	Length (mm)
H10F00	1000
L10F00	1000

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## **INSTALLATION**

#### Installation

- Horizontal lateral restraint straps should be spaced not more than 2m centres and attached to at least 3 timber members through the use of noggings and packing. Attach to timber members using a minimum of 8 no. 3.75 x 30mm square twist nails.
- The bend length should be a minimum of 100mm and should be positioned at the centre of an uncut block or brick.
- Vertical restraint strapping should be at least 1m long. Where straps are fixed to masonry, hardened nails Ø4mm x 75mm long or wood screws into plugs #12 x 50mm long should be used.
- The number of fixings should be in accordance with the design requirements and the lowest fixing should be located within 150mm of the bottom of the vertical strap.

To order: Specify model series, overall length, bend (B) dimension and/or twist (T) dimension.

Example: 30 x 5 strap that has an overall length of 1m, a bend at 10cm and a twist at 20cm. (See illustration for detail on measuring bend & twist dimensions).

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