

EXPAMET MAXI SPEEDY

The Maxi Speedy is a heavy duty hanger for the support of Timber to Timber or Timber to Masonry, Concrete, etc with provision for Nailing or Bolting.

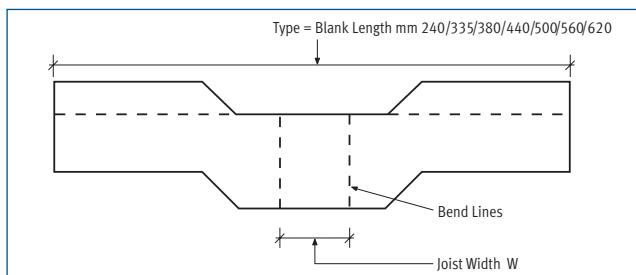
Design Features

- Manufactured from 1.5mm thick pre-galvanised mild steel to BS EN 10327 : 2004, DX51D + Z275.
- Available in 7 types: MS240; MS335; MS380; MS440; MS500; MS560 & MS620.
- Nail hole diameter: 4.5mm Bolt hole diameter: 14mm
- Available widths: 38, 47, 50, 63, 75, 100mm (122 + 150 for MS500, 560 + 620 only)

Installation Requirements

Fixing: use BAT 3.75 x 30mm long square twisted sherardised nails.
M12 Bolts or Coach screws as specified by fixing manufacturer.

How to Order/Specify Maxi Speedy Joist Hangers



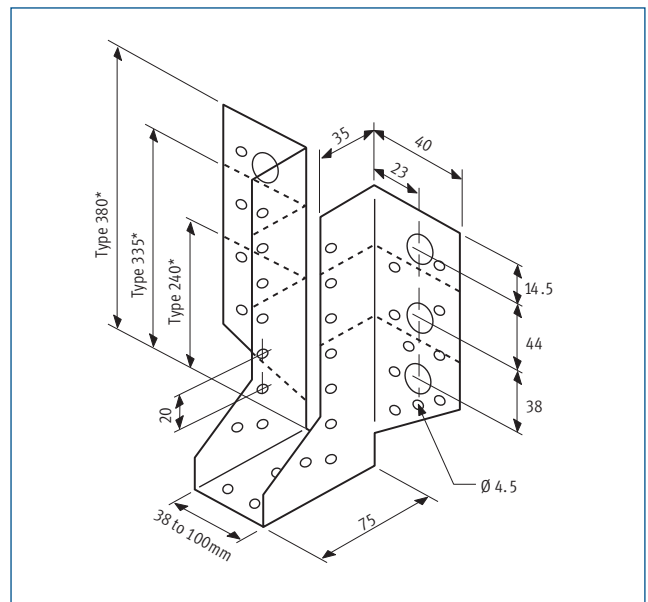
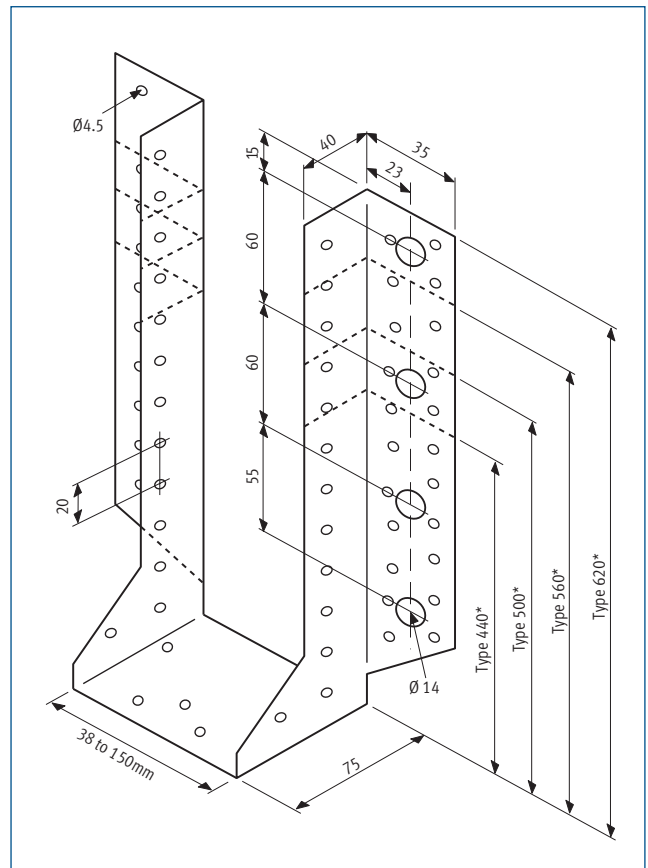
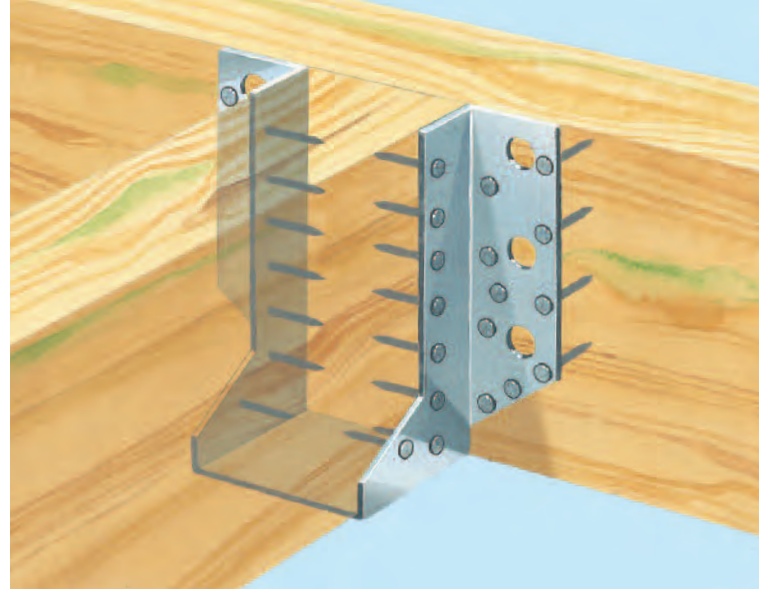
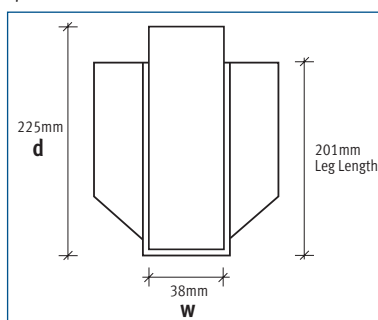
Steps to specify requirements:

1. Joist dimensions:

Double joist depth and add joist width, ie for joist 225 deep x 38mm wide then:

$$225 (d) + 225 (d) + 38 (w) = 488\text{mm.}$$

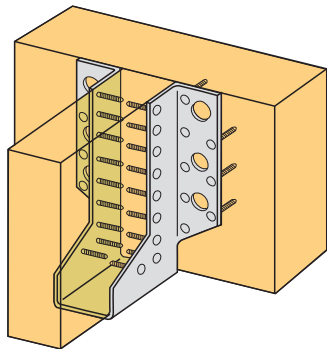
- #### 2. The Maxi Speedy blank length must be less than total calculated in step 1, therefore select MS44038 (not MS500 as the joist hanger would stand proud).



* For lengths see calculations in How to Order.

EXPAMET MAXI SPEEDY

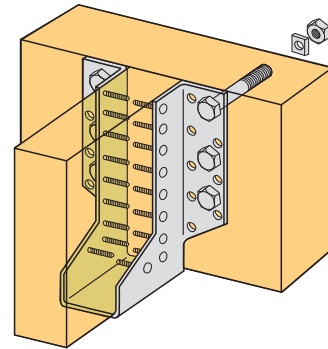
Maxi Speedy Permissible Safe Working Loads (kN)



NAILS ONLY

Type	No. of Nails Into Face	SWL kN.
240	12	3.9
335	18	5.9
380	20	6.5
500	32	10.5
560	38	11.2
620	44	13.0

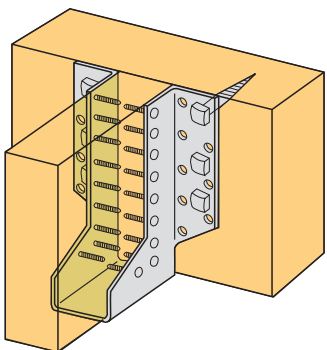
3.75 x 30mm long square twisted sherardised



BOLTS ONLY

Type	No. of Bolts Into Face	SWL kN.
240	2	3.6
335	4	6.9
380	6	10.1
500	6	10.1
560	6	10.1
620	8	13.0

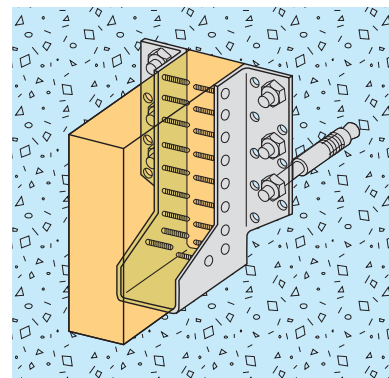
M12 Bolts



COACH SCREWS

Type	No. of Coach Screws Into Face	SWL kN.
240	2	3.0
335	4	5.9
380	6	8.6
500	6	8.6
560	6	8.6
620	8	11.1

12mm ϕ x 63mm long (min). USING STARTER HOLES

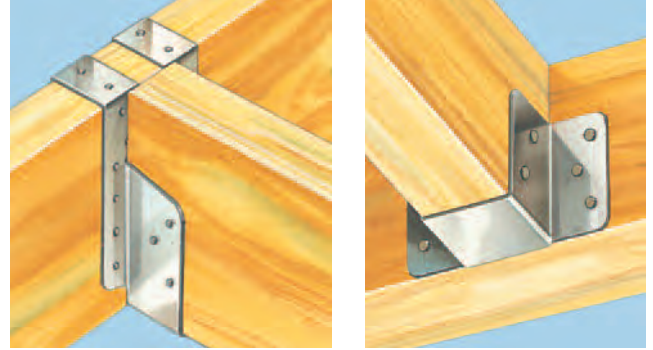


MASONRY ANCHORS

Bolt Size	No. of Bolts Into Face	SWL's for Masonry Strengths of				
		20N	15N	7N	3.5N	2.8N
12mm	2	7.2kN	5.4kN	2.5kN	1.2kN	1kN
12mm	4	14.4kN	10.5kN	5kN	2.5kN	2kN
12mm	6	21.0kN	15.5kN	7.5kN	3.7kN	3kN

Indicative loads: refer to fixings supplier for recommended loads

EXPAMET SPEEDY JOIST HANGERS



SHORT-LEG/STANDARD-LEG SPEEDY

SPEEDY MINOR

Speedy Joist Hangers provide a quick and safe method of joist trimming for light and medium duty joints.

- **Speedy Minor (SM)** –
Light duty applications. 100mm maximum joist depth to be supported.
- **Short Leg (SL)** –
Medium duty applications. 175mm maximum joist depth to be supported.
- **Standard Leg (ST) & Long Leg (LLS)** –
Medium duty applications. 225mm maximum joist depth to be supported.
- **Speedy Girder Truss Shoe (SGTS)** –
Designed to offer a safe and economical method of connecting trusses to girder units. It incorporates a specially extended bearing surface of 85mm.
- **Long Leg Speedy (LLS)** –
Medium duty 225mm maximum joist depth. Suitable for underslung joists (maximum 100mm drop).
- **Girder/Girder Speedy** –
For connection of girder trusses.

Design Features

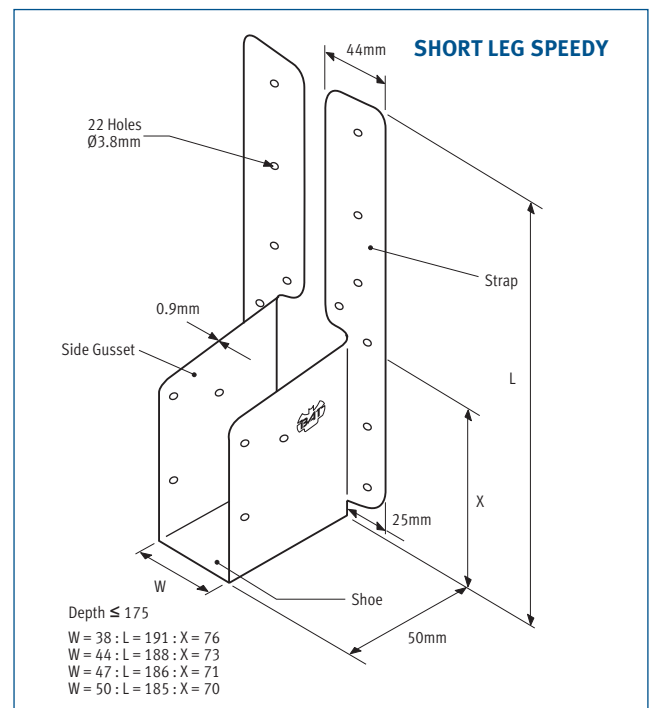
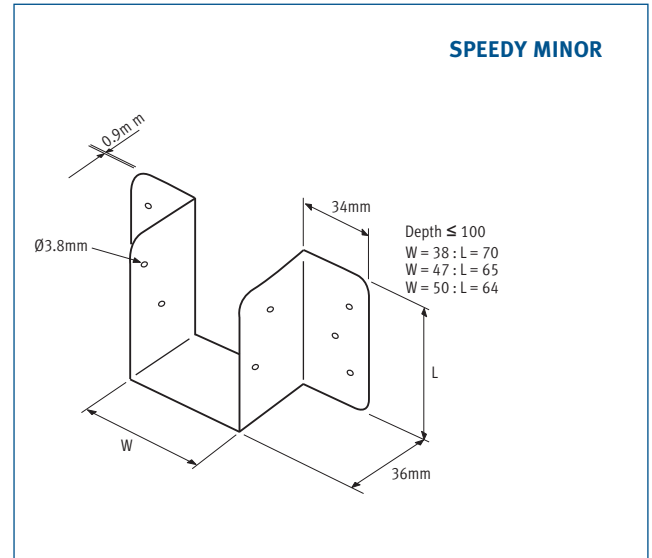
- **Speedy Hangers**
Manufactured from 0.9mm thick pre-galvanised mild steel to BS EN 10327 : 2004, DX51D + Z275.
Hole diameter: 3.8mm. LLS manufactured from 1.5mm thick material
- **Girder/Girder Speedy**
Manufactured from 3mm thick galvanised mild steel to BS EN 1461.
Hole diameter: 22mm.

Installation Requirements

Fixing: use BAT 3.75 x 30mm long square twisted sherardised nails through all available nail holes.

For ease of use the legs are adjustable by hand to suit all varying depths of supporting timber.

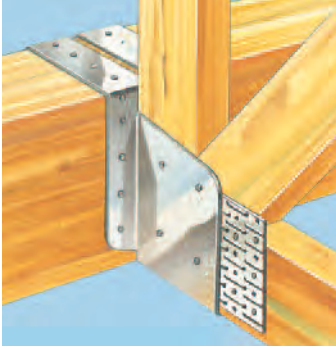
The depth of the supporting timber must not be less than the hanger side gusset height.



How to Order/Specify

Please quote type reference and joist width to be carried.

Type	Joist Width (mm)	Safe Working Load (kN)
Speedy Minor SM	38, 47, 50	1.6
Speedy Short Leg SL	38, 44, 47, 50	3.4
Standard Leg ST	38, 44, 47, 50, 63, 75, 100	4.3
Girder Truss Shoe SGTS	38, 44, 47, 50, 75	7.1
Long Leg LLS	38, 47, 50, 63, 75, 100	6.7
Girder/Girder Speedy GGTS	80, 105, 120, 155	See BS 5268 : Pt2



GIRDER SPEEDY

EXPAMET SPEEDY JOIST HANGERS

