

Technical data sheet

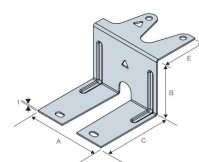
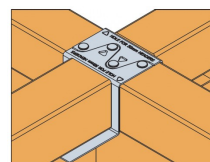
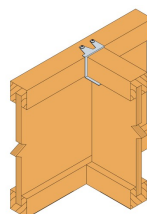
SIMPSON

Strong-Tie

ZS Slotted Z-Clip

The ZS clip allows I-joists off-cuts or solid sawn timber to be used as noggings between joists to support floor decks or partitions.

- Fully interlocking top flange works on all I-joist header widths to prevent overlapping of opposing clips.
- Slotted bottom flanges allows I-joist off-cuts to be used.
- Triangular nail hole for use with 50mm wide headers, also it ensures that nails can be staggered when ZS clips are interlocked.
- Embossed bottom flange provides greatly enhanced resistance to bending.
- Obround nail holes in the bottom flange ensure easier angled nailing.



Features

Material

- Pre-galvanised mild steel

Advantages

- Enhanced resistance to bending
- Quick and simple to install

Applications

Suitable On

- I-joist
- Metal-web joist

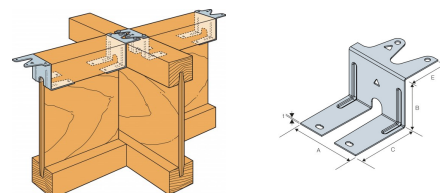
When to Use

- To use I-joist as timber nogging

ZS Slotted Z-Clip

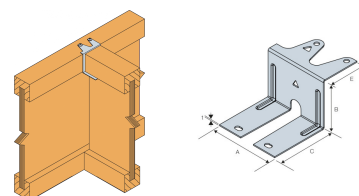
Technical Data

Safe Working Loads



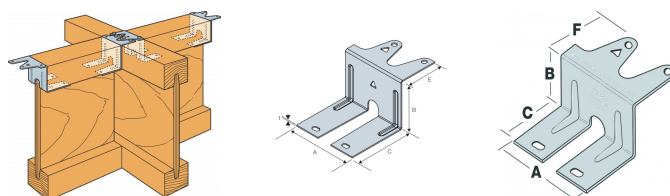
References	Dimensions [mm]						Fasteners	Safe Working Loads [kN]		Box Quantity
	A	B	C	F	Hole [Ø]	t		C24	I-Joist	
ZS38N	52	38	46	31	4	0.9	4 Ø3.75x30	1.8	1.9	200
ZS45N	52	45	39	31	4	0.9	4 Ø3.75x30	1.8	1.9	200

Characteristic Loads



References	Dimensions [mm]						Fasteners	Characteristic Loads [kN]	
	A	B	C	F	t	Hole [Ø]		C24	I-Joist
ZS38N	52	38	46	31	0.9	4	4 Ø3.75x30	3.6	3.8
ZS45N	52	45	39	31	0.9	4	4 Ø3.75x30	3.6	3.8

Product dimensions



References	DB nr.	NOBB nr.	Dimensions [mm]					Hole [Ø]	Weight [kg]
			A	B	C	F	t		
ZS38N	1460840	42330725	52	38	46	31	0.9	4	0.03
ZS45N	-	-	52	45	39	31	0.9	4	0.03

ZS Slotted Z-Clip

Installation

Applications

- Install using 3.75X30mm square twist nails

Installation

- Use all specified fasteners
- Nail to underside of the noggin
- Place top flange onto header beam and nail in place
- ZS clips interlock allowing back-to-back installation on any I-joist header width. Triangular holes prevent header nails from lining up

Step-by-Step Installation

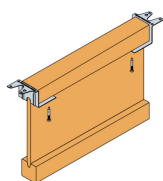
Step 1 - nail into the underside of the chord (2 per ZS clip).

Step 2 - nail the ZS Clip into the end grain of the chord of the nogging pieces (optional – increases stability during installation).

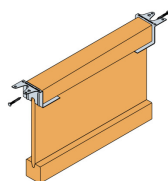
Step 3 – Slot the noggin pieces into position

Step 4 – Secure with 2 No. nails (per Z clip) down into the top of the joist chord.

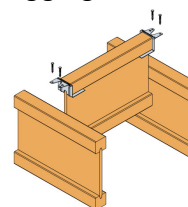
Note - Z Clips can be installed back-to-back for instances with continuous noggings.



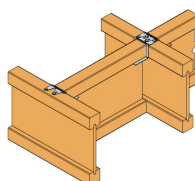
Step 1



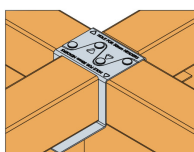
Step 2



Step 3



Step 4



ZS
Slotted Z-Clip

