

Technical data sheet

SIMPSON

Strong-Tie

SVI

Rafter Angle Brackets

SVI bracket is used in connections between rafters and horizontal wall plates. The bracket can transfer horizontal loads. The bracket is available in a left and a right version and is sold in pairs (one left and one right). Always use two brackets per connection.

Features

Material

- Pre galvanized mild steel Sendzimir method S250GD + Z 275 g/m² (20 µm)

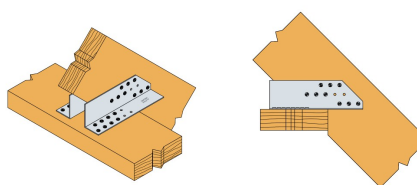
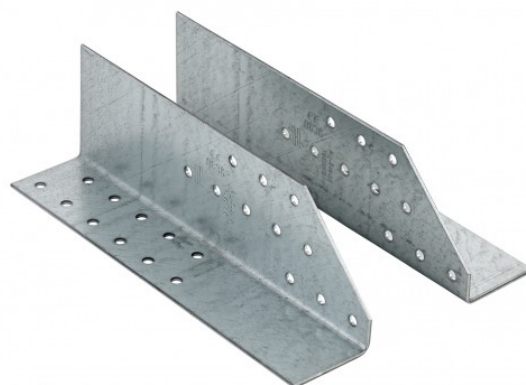
Applications

★

- Used for joining main rafters and straps in trusses on concrete or lightweight concrete decks
- The rafter angles are used for larger spans where the use of horizontal roof purlin anchors is not sufficient
- Application is described in TRÆ 28 from Træbranchens Oplysningsråd

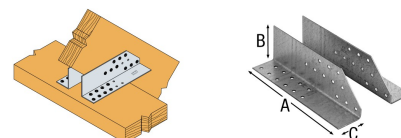
Suitable On

- **Supporting member:** solid wood, composite lumber.
- **Supported member:** composite lumber.



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Available dimensions

References	DB. nr.	NOB nr.	Dimensions [mm]				Holes		Qty per box	Weight [kg]
			A	B	C	t	Ø	Qty		
SVI200-B	2621415	21218813	200	62	42	2	5	11 + 11	25	0.58
SVI240-B	2312650	21218821	240	63	43	2	5	10 + 10	15	0.87

Characteristic capacity

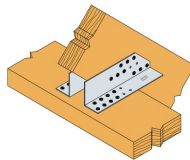
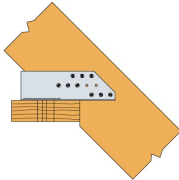
References	Fixing - Fasteners	Characteristic capacity		
		1 set per connection		
		CNA4,0x35	CNA4,0x40	CNA4,0x60
SVI200-B	6+6 / 8+8	16.8 / 19.6	18.4 / 21.5	23.6 / 27.6
SVI240-B	9+9 / 10+10	23.1 / 23.6	25.3 / 25.9	32.6 / 33.3

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Installation

Fixing

- For fastening to timber – use connector nails CNA4,0 x l mm or connector screws CSA5,0 x l mm



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