AJH — Adjustable Joist Support

SIMPSON Strong-Tie

Materials

• Hot Dip Galvanised Steel

Advantages

- Keeps your joists off the concrete and free of unwanted moisture ingress.
 This prevents joist-rot through the bottom of your joists.
- Is ideal for use on areas where the concrete has built in "fall" to provide a level deck.
- Quick and easy to use purpose-built for the application.
- Gives a neat, professional look across your deck structure without resorting to various different packers and brackets to achieve your end result.
- Height of the deck is determined by the length of bolts used.



Hex Head Bolt Length	Min Height to Bottomof Joist	Max Height to Bottom of Joist	Min Height to Top of 70/90 mm Joist	Max Height to Top of 70/90/140mm Joist
60mm	16 mm	20 mm	86/106mm	90/110/160 mm
120mm	18 mm*	80 mm	88/108mm*	150/170/220 mm
No Bolt**	6 mm	6 mm	76/96mm	76/96/146 mm



^{**} When using Joist Support only.

Timber Span Table

Timber	Maximum Span (mm)	
90 x 45	1500	
140 x 45	2500	

- 1. All based upon "continuous span" with joists at 450mm, 1.5kPa Live loads
- 2. For a stiffer deck reduce joists spans
- 3. Minimum grade is MGP10 for Australia and SG8 for NZ
- *The spans listed should be used as a guide only. For best results, please follow the specific recommendations of the timber manufacturer / supplier and ensure they are installed as per the appropriate Australia and New Zealand Standards.

Model No.	Joist Width (mm)	Fasteners		Downward Design
		Concrete	TImber Joist	Capacity (kN)
AJH	38 or 45 or 50	1/M10 (2-THD10060MG)	4/3.32 x 38mm N8 nails or 4/SD#10 screws	5.0

Note: AJH downward capacity of 5.0 kN is approximately equivalent to a continuous joist at 450 crs spanning of 3000 mm supporting a live load of 1.5 kPa.

Further information

The Adjustable Joist Support has been manufactured to meet deck load bearing standards as per Australian Standard AS1170-1 and Australian hot dipped galvanising standards AS/NZS 4680:2006.

50mm wide hardwood timber or steel joists can also be used with AJH50. Timber and steel joist designs by others.



