



ADJUSTABLE JOIST SUPPORT FOR DECKS OVER CONCRETE SLABS

- 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 area 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.



Each Adjustable Joist Support requires

2 x Galvanised M10 hex head bolts,
4 x nuts, 2 x flat washers and
1 x 12mm Dynabolt, 10mm masonry bolt or similar.
All purchased separately from your hardware store.

Adjustable Joist Support

The Adjustable Joist Support has been designed specifically to enable decks to easily be built over concrete slabs in areas where limited ground clearance is available. It is ideal for use when the step-down from the house to the concrete slab is between 100mm (min) and around 220mm.

The Adjustable Joist Support designed to be used with 45mm wide treated pine joists - the cradle of the joist hanger is 46mm wide x 100mm long x 65mm high. It can be used with other types of joists if they are the right thickness.

The adjustable joist supports come in boxes containing 24 joist hangers and 24 base plates.

What length bolts are required?

(All measurements based on using Galvanised Zenith brand long-threaded bolts)

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

* If using long bolts at low heights, to prevent the bolts protruding past the top of joist, the end of the bolt will need to be cut off.

** When using joist support only.

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

Span Table for Base-Plate Positioning

	Recommended Span (mm)	Maximum Span (mm)
70 x 45 MGP10	800	1200
90 x 45 MGP10	1000	1500
*120x 45 MGP10	1800	1800
*140x 45 MGP10	1800	1800

All based upon "continuous span" with joists at 450mm between centre's.

* Joist span limited by lateral loading on bolts

