

# ABS

## Adjustable Bearer Support

**SIMPSON**  
**Strong-Tie**



Designed for decks which are 300 to 600mm off the ground.

**Setting up a levelling post and bearers for the sub-structure of your deck can be tedious and time consuming, but not with Adjustable Bearer Support (ABS). ABS are suitable for use where decks are typically from 300 to 600mm off the ground. These heights are achieved by using different height joists and bearers.**

### Material

- Carbon Steel

### Finish

- Hot Dip Galvanised

### Features & Benefits

- Quick and easy to use when setting height of your bearer.
- Ideal for use on areas where the ground has a "fall", to provide a level bearer height.
- Heavy duty and fully hot dip galvanised ensures long life-span without failure.
- Locking nuts ensure absolute rigidity.
- Can be used to prop up existing bearers or floor joists that have sagged over a period of time.
- Use with 45mm to 100mm wide bearers of various heights.
- Variety of uses include the building of ramps, stairs, post supports, adjusting the rafter support to achieve the pitch on a skillion roof



Note: Fasteners sold separately

Simpson Strong-Tie® Australia  
Call **1300 STRONG** (1300 787 664)  
[www.strongtie.com.au](http://www.strongtie.com.au)

Simpson Strong-Tie® New Zealand  
Call **09 477 4440**  
[www.strongtie.co.nz](http://www.strongtie.co.nz)

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## Adjustable Bearer Support

### Installation

1. Place in position - Base plates are recommended to be placed at 90 degrees to the adjacent base plate to provide best possible lateral stability in all directions. This is critically important if building a free-standing deck (i.e. not attached to any fixed structure – eg house).



2. Use a masonry bit to drill the holes and clean out the dust. Masonry Drill Bit Diameter: 10mm (if using the THD10060MG). Drill hole depth: 85mm



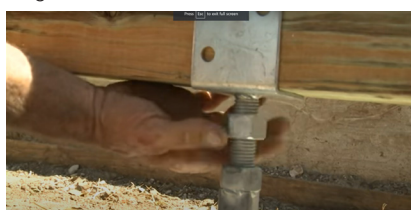
3. Fix with 2 x M10 Titen HD x 60mm long (THD10060MG) anchors to ensure strength and stability of base.



4. Adjust to the height required. Note: Full turn = 3mm adjustment. Do not wind higher than 290mm to the bottom of bearer height.



5. Locking nuts should be fully tightened at all times. This is especially important when the thread is wound out near its maximum height.



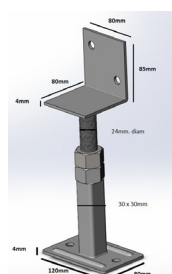
6. Secure the bearer to the support using two (2) M10 bolts with washers and nuts.



### Note

- Provides a bottom of bearer height from 160mm to 290mm.
- On a free-standing deck (i.e. not attached to a fixed structure), regardless of bearers meeting span requirements, a minimum of six (6) Adjustable Bearer Supports should be used.
- If you require a bottom of bearer height of 160mm, you will need to cut the bottom 20mm of the threaded rod.
- Do not wind the Adjustable Bearer Support higher than 290mm to the bottom of bearer height.

Model No.	Product Description	Size (mm)	Carton Qty	Carton Barcode	Weight ea	Carton Dim. (W x L x H) and Weight
ABS70G-R8	Adjustable Bearer Support suits 45mm to 100mm width bearers	See diagram below	8	707392025436	1.65kgs	220 x 385 x 170mm, 13.60kgs



### Designed and Tested

Simpson Strong-Tie® connectors have been designed and tested for use with specific types and sizes of nails or screws. The specified fastener size, type and quantity must be installed in the correct holes on the connector to achieve published loads.

Other factors such as the fastener material and finish are also important as the use of incorrect fasteners or misinstallation can compromise the connector performance and could lead to failure. Simpson Strong-Tie has a broad range of fasteners designed to suit our range of connectors.

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