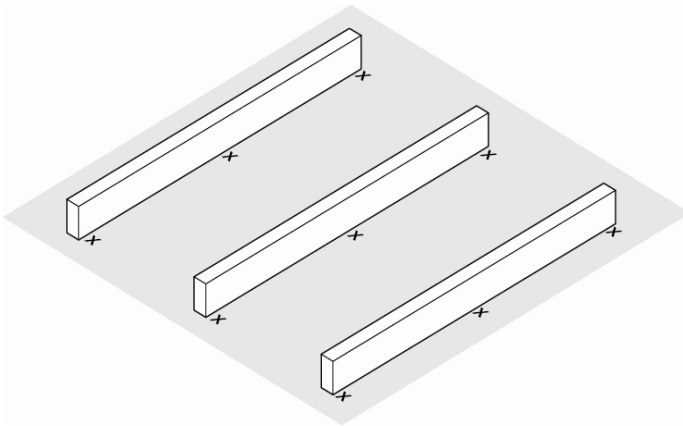


Installation Steps for AJH45G Adjustable Joist Hanger

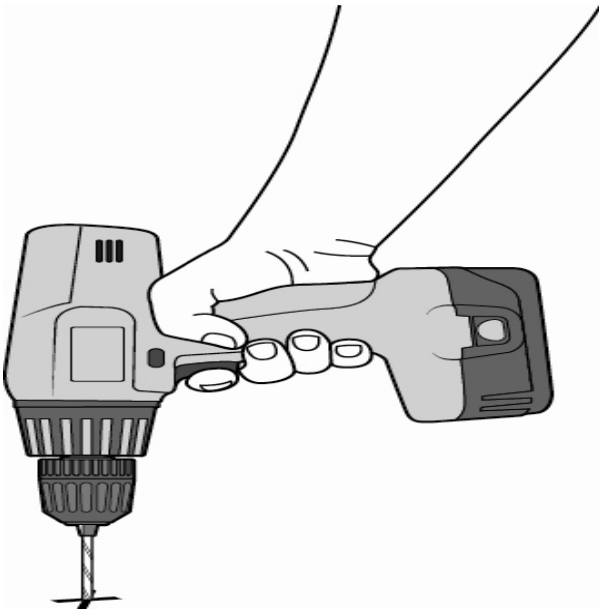
Step 1- Positioning Joist Hanger Base Plates

Position joists on concrete slab and mark out positions for base plates (see table for minimum span requirements for 90mm and 70mm joists).



Step 2- Drill Holes for Base Plates

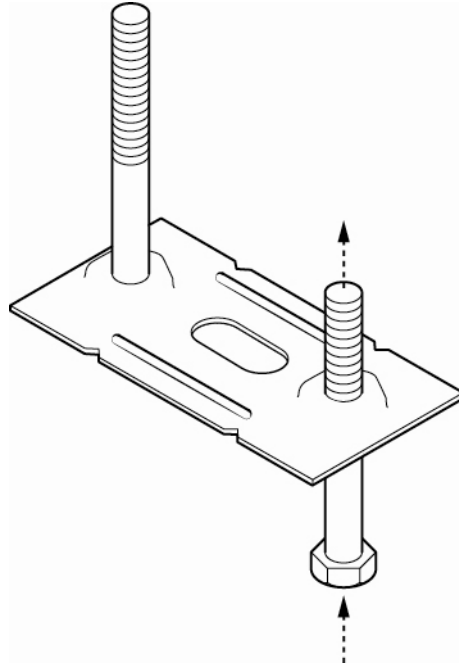
Drill holes for base plates (or for joist hangers if securing them directly to concrete) using 12mm masonry bit.



Step 3- Inserting Hex bolt

Insert 10mm hex-bolt through base plate.

Note: The KlevaKlip Adjustable Joist Hanger system is designed to provide a "top of the joist" height from 80mm (using 60mm length bolts + 70mm x 45mm joists) to 170mm (using 120mm length bolts + 90mm x 45mm joists).

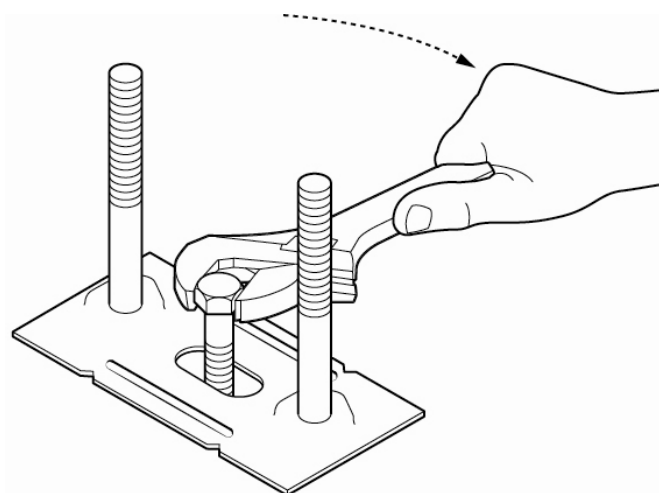


Step 4 Joist Adjustment

Fix base plate to concrete using 12mm DynaBolts or "blue-tip" masonry bolts. Repeat steps 1 – 4 for all base-plates to be installed.

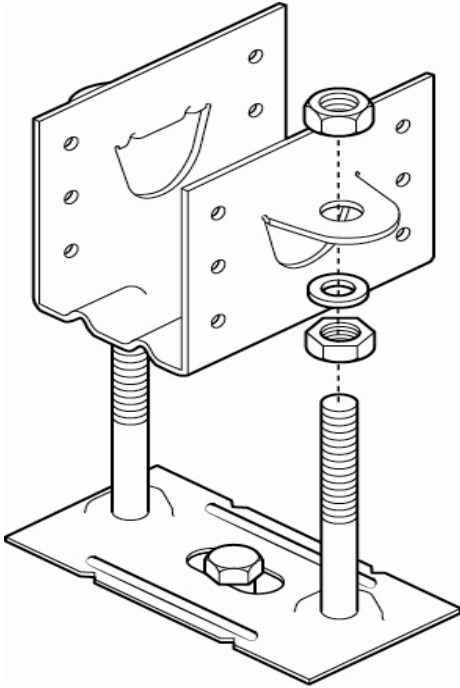
Tip No. 1 Before fully tightening DynaBolts, run a string line along the edge of the base-plate vertical bolts to ensure they line up correctly. Adjust base-plate in the slot if required.

Tip No. 2 Check all base-plates are "square" to the above-mentioned stringline



Step 5 Attach Joist Hanger

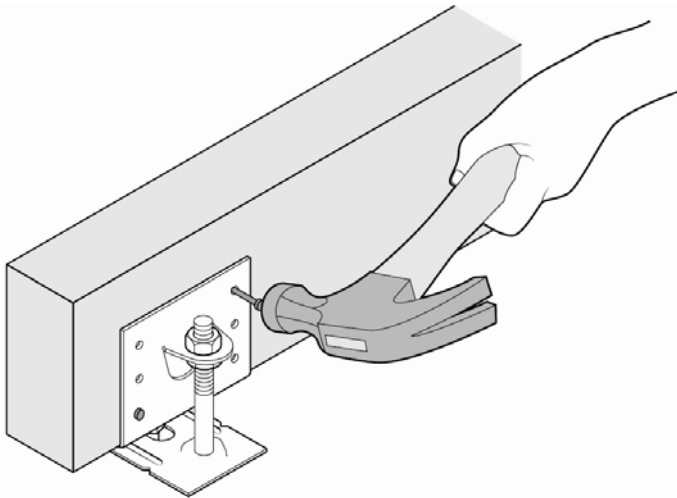
Attach joist hanger onto hex bolts and adjust to approx height required. Semi-tighten nuts – this will tighten the whole structure enough to withstand joists being inserted and secured.



Step 6- Insert Joist into Hanger

Insert joist into joist hanger and secure with minimum 2 of 3.2mm x 30mm connector nails or 8g x 30mm stitching screws on each side of the joist hanger.

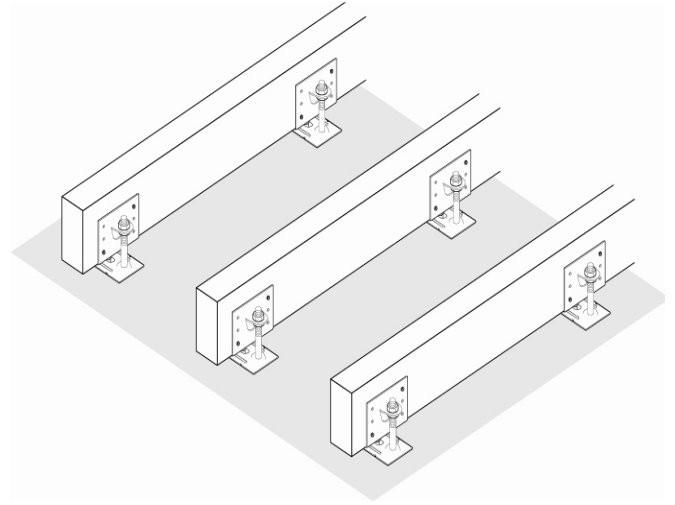
Tip: – when fixing nails, brace the other side of the joist hanger with your foot to minimise vibration



Step 7 Joist Adjustment

Adjust joist to correct height using dumpy or laser-level or string line. (Note – you will need to loosen the nuts off if the joist hanger height needs adjusting)

Fully tighten nuts locking the joist hangers.



Load Bearing:

The KlevaKlip Adjustable Joist Hanger system has been independently tested to support a load bearing capacity of 350 kg per square metre when used at the recommended joist spans listed below.

Corrosion Protection:

KlevaKlip Joist Hangers and Base Plates have been hot dip galvanised in accordance with Australian Standards AS/NZS 4680:2006 (ISO 1461)

Span requirements for base-plate positioning

All based upon “continuous span” with joists at 450mm between centres.

	Recommended Span (mm)	Maximum Span (mm)
70 x 45mm MGP10	800	1200
90 x 45mm MGP10	1000	1500
70 x 45mm MGP12	1000	1500
90 x 45mm MGP12	1400	1800