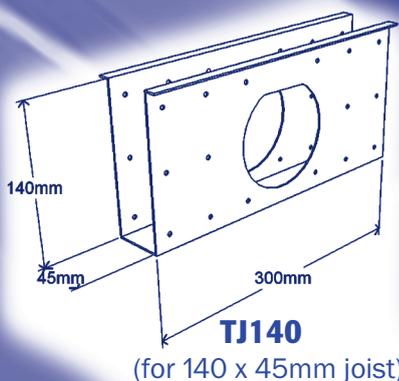


# THR<sup>®</sup> V<sup>®</sup> joist<sup>®</sup> T<sup>®</sup>

## FIXING NOTE

1. Bracket needs to be installed firmly up against under side of joist and all holes nailed off before drilling service duct hole.
2. Galv Bracket 30mm x 3.15 dia hot dip galvanised nails to be used in NZ.
3. Galv Bracket 35mm x 3.15 dia hot dip galvanised nails to be used in Australia.
4. Nail ALL holes.
5. Maximum hole cut is 121mm dia in 190mm, 240 and 290mm THRU-JOIST™ or 68mm dia in 140mm THRU-JOIST™ brackets.
6. Use TJ140 on 140mm joist, TJ190 on 190mm, TJ240 on 240mm and TJ 290 on the 290mm joist.
7. Obtain fall for plumbing pipes by drilling holes at varying heights, within drilling circle, on adjacent joists.
8. No limitation on where THRU-JOIST™ brackets may be installed along the length of joist.
9. Use of multiple brackets on one joist must have minimum of 1500mm spacing between centres.
10. NOT TO BE USED IN EXTERIOR OR SUB FLOOR SITUATIONS.
11. Nails are not provided.
12. The purchaser is responsible for checking that THRU-JOIST™ brackets are suitable for there intended use.

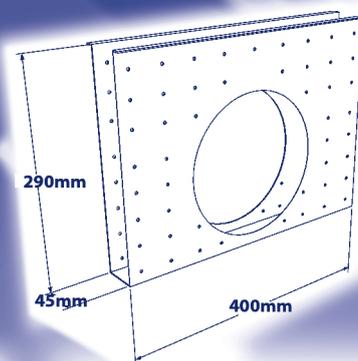
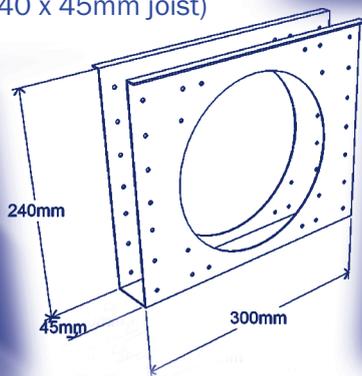
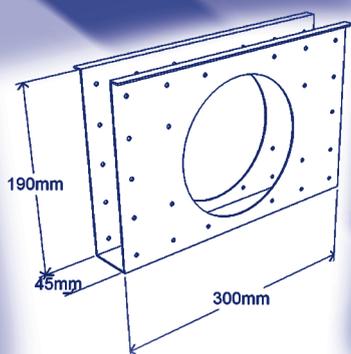


### NZ Reg. Designs

410058 - 2007  
410059 - 2007  
410060 - 2007  
410061 - 2007

### Aust. Reg Designs

App 20923 / 2007  
20924 / 2007  
20925 / 2007  
20926 / 2007



- THRU-JOIST™ brackets enable holes to be cut up to 121mm diameter in flooring joists to allow services to run through the mid floor and other enclosed areas, without affecting the strength and stiffness requirements of a joist under NZS 3604:2011 and AS 1684.2-2011 (For Radiata Pine up to and including stress grades F8).
- No limitation on where THRU-JOIST™ brackets may be installed along the length of joist.
- Multiple THRU-JOIST™ brackets may be used on the same joist (refer fixing note).
- Alternative BRANZ Appraised Solution to NZS 3604:2011 and Australian Standard AS 1684.2-2011.
- THRU-JOIST™ brackets are a very cost effective, simple to install building method to allow services to run through joists.

The full range of brackets is available from leading building and plumbing supply merchants.

Designed and Marketed by BRACE-IT LIMITED, PO BOX 558, Whangaparaoa, Auckland 0943 NZ.

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