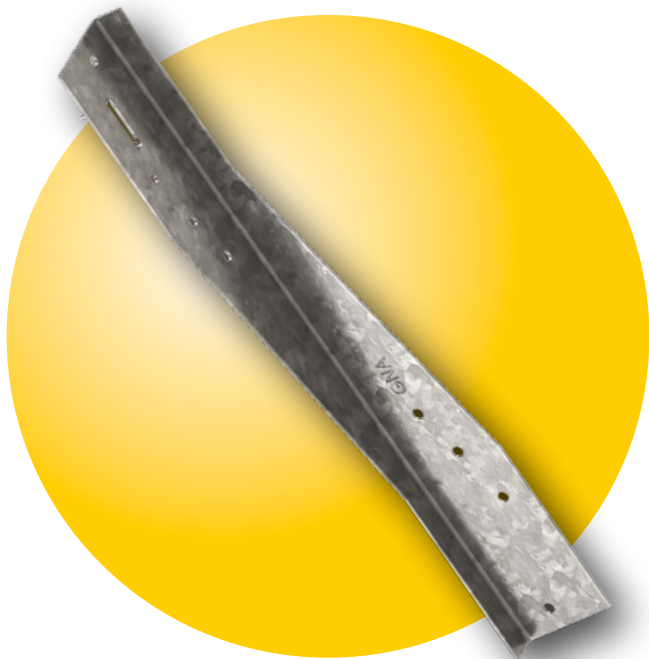


ENGINEERED BUILDING PRODUCTS

JOISTSTRAP



creating the **advantage**



FOR FIXING CEILING JOISTS TO HANGING BEAMS

APPLICATION:

The MiTek JoistStrap is used to fix ceiling joists to hanging beams.

ADVANTAGES

- With a built-in locator nail the JoistStrap can be easily positioned and attached to a member prior to final nailing.

SPECIFICATIONS:

Steel Grade	G300
Thickness (Total Coated)	0.8mm
Galvanized Coating	Z275
Nails	MiTek 30 x 2.8mm hot dipped galvanized reinforced head.
Screw (Optional)	MSA1430 - MiTek 14 x 30mm anti-split, self drilling
Product Code	JST

This Engineered Building Product has been designed and manufactured in accordance with ISO 9001 and meets all the requirements of the National Construction Code Series and Australian Standards.





LOAD DATA

Load Case	Limit State Design Capacity per JoistStrap (kN)										
	Fixing With 3 MiTek Nails per leg									Fixing With 2 MiTek Nails + 1 MSA1430 Screws per leg	
	Joint Group									Joint Group	
	J2	J3	J4	J5	JD2	JD3	JD4	JD5	JD6	JD5	JD6
DL Only	1.6	1.2	0.8	0.6	2.1	1.6	1.2	1.0	0.7	1.4	1.1
DL + Ceiling LL *	2.4	1.8	1.2	0.9	3.1	2.4	1.8	1.4	1.0	2.2	1.6
DL + WL	3.2	2.3	1.7	1.2	4.1	3.2	2.3	1.9	1.5	3.0	2.2

*Ceiling LL is concentrated load.

Design capacities have been derived from procedures given in AS1720.1.

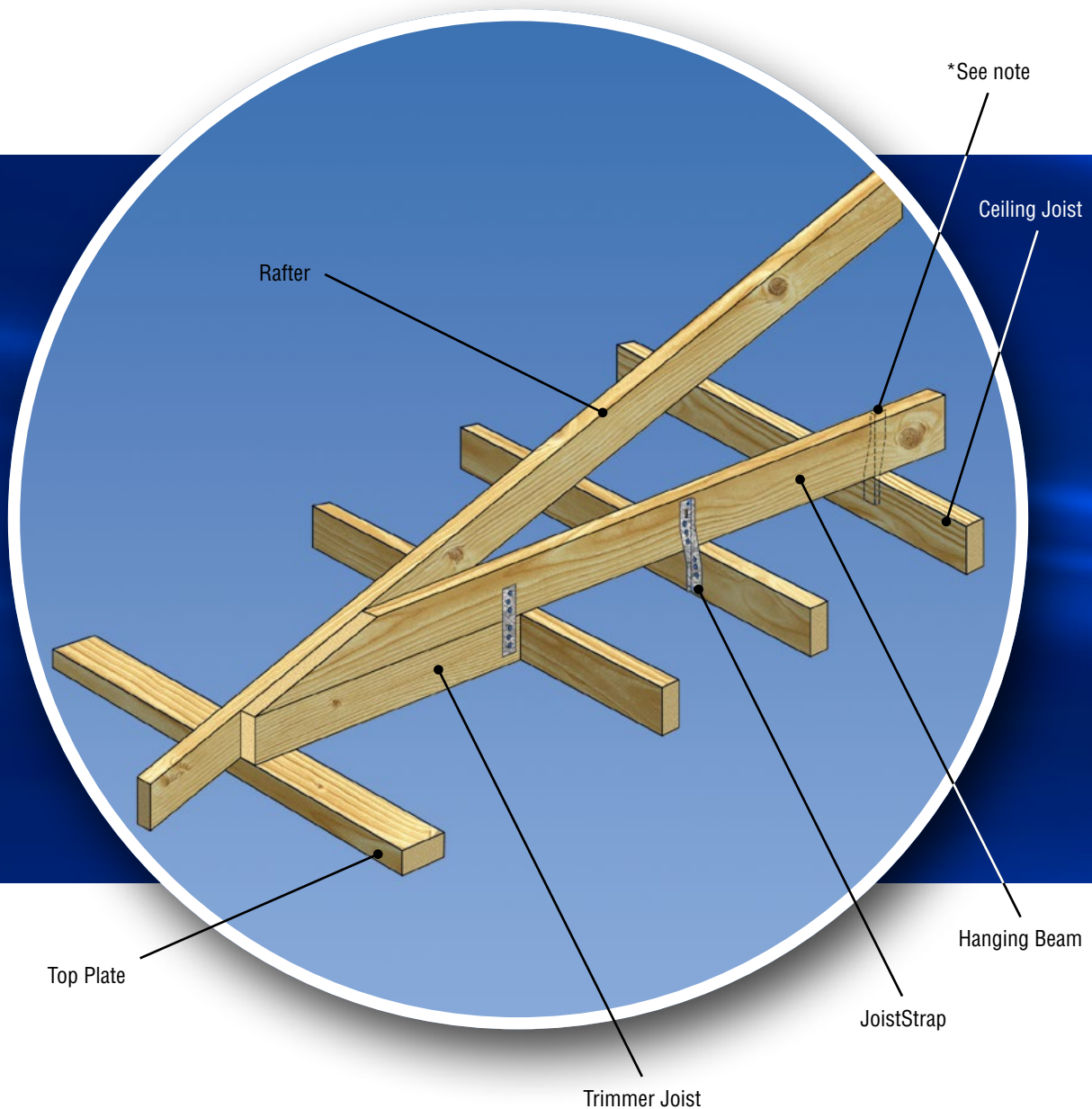
JOISTSTRAP - INSTALLATION

1. Locate JoistStrap and tap the built-in nail into position, then drive 3 MiTek 30 x 2.8mm reinforced head nails through holes into both timber members.

***NOTE:**

JoistStraps to be fixed on opposite sides of the hanging beam at each adjacent joist connection.

Figure 3



For more information about MiTek's Engineered Building Products or any other MiTek products or your nearest licensed MiTek fabricator, please call your local state office or visit: mitek.com.au



JS 02/16

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