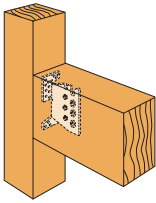
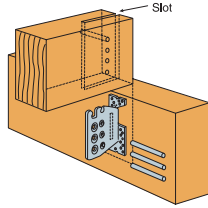


Connectors for Glulam Timber

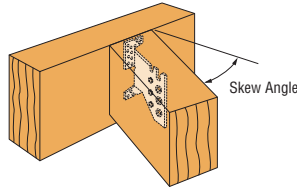
Beam-to-Post



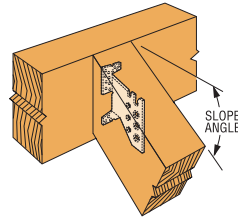
Beam-to-Beam



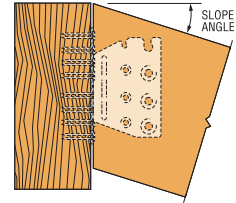
Skewed Beam-to-Beam



Sloped Beam-to-Beam



Sloped Beam-to-Beam



INSTALLATION PROCEDURE FOR A TU CONCEALED CONNECTOR:

ATTACH CONNECTOR TO HEADER

- Position the connector at the pre determined height and screw the connector to the header or post.
- Fill all holes with screws supplied.

PREPARE THE BEAM

- Cut the beam to the length specified.
- Cut a slot into the end of the beam. Slot width for TU12 is 6mm and 9mm for all others.
- Cut the slot 3mm deeper than the TU and short of the beam height for concealed connector. This allows the connector to be hidden from below. Otherwise cut the slot 3mm deeper than the TU and through the entire beam height.
- Fully Concealed Only: Rout a pocket into the beam end. The pocket should be 6mm deep. Enough to hide the thickness of the TU and the screw heads. This eliminates the gap between the beam & header (see Pocket Installation Illustration).

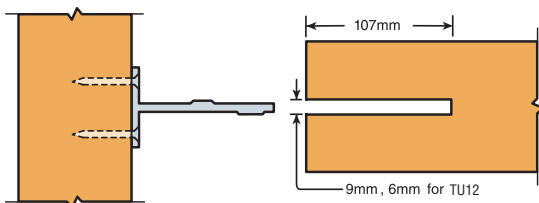
DRILL BEAM DOWEL HOLES

- Position drill guide to provide the proper dowel end distance & height. Clamp in place (Drill guide available from Simpson Strong-Tie).
- Drill the dowel holes to the required diameter. Dowel hole diameter for the TU12 is 8mm and 12mm for all others.

INSTALL BEAMS

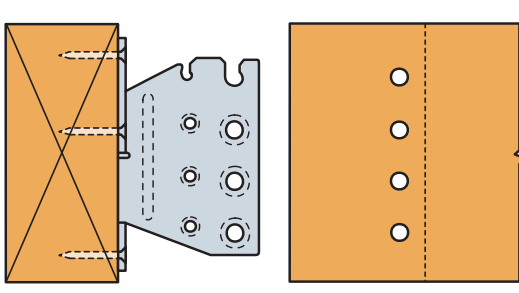
- Install top dowel into the carried beam first. Slip beam into place and install the remaining dowels working from the top downwards.
- Fully Concealed Only: To hide exposed dowel holes when the installation is complete, glue and plug the holes.

STANDARD INSTALLATION



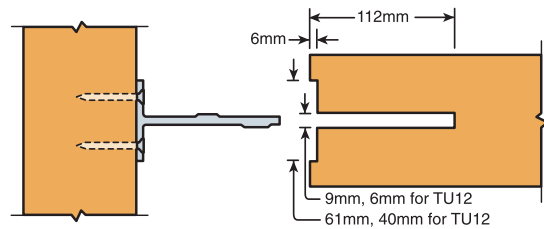
Top View

Cut a slot into the end of the beam



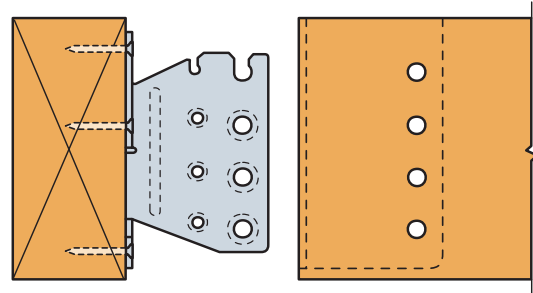
Side View

POCKET (CONCEALED) INSTALLATION



Top View

Cut a slot and rout a pocket into the end of the beam



Side View