

## TECHNICAL DATA SHEET

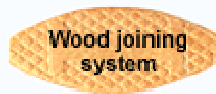
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### TIMBER JOINING PLATES

Code: KAISER00 KAISER JOINING PLATES BOX 1000 PIECES #0 15mm x 47mm x 4mm  
Code: KAISER10 KAISER JOINING PLATES BOX 1000 PIECES #10 19mm x 53mm x 4mm  
Code: KAISER20 KAISER JOINING PLATES BOX 1000 PIECES #20 23mm x 56mm x 4mm



### APPLICATIONS

A **biscuit joiner** or sometimes **plate joiner** is a woodworking tool used to join two pieces of wood together.

A biscuit joiner uses a small (4" - 100mm) circular saw blade to cut a crescent shaped hole in the opposite edges of two pieces of wood or wood composite panels.

An oval shaped compressed wooden biscuit is covered with glue, or glue is applied in the slot.

The biscuit is immediately placed in the slot, and the two boards are clamped together.

The wet glue expands the biscuit, further improving a bond that is generally stronger than the wood itself.

### HISTORY

The biscuit joining system is a recent development, having been invented in 1956 in Liestal Switzerland by Hermann Steiner. Steiner opened his carpenters shop in 1944 and in the middle of the 50's, whilst looking for a simple means of joining the recently introduced chipboard, invented almost by accident this unique joining system. In the succeeding years there followed further developments such as the circular saw and the first stationary biscuit (plate) joining machine in 1956 followed by the first portable biscuit joiner for cutting grooves in 1968.

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