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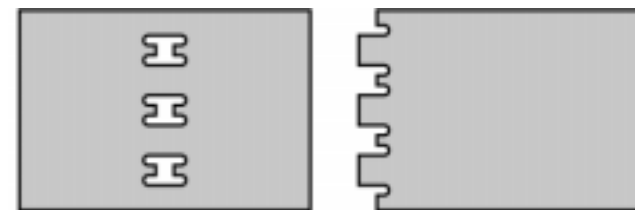
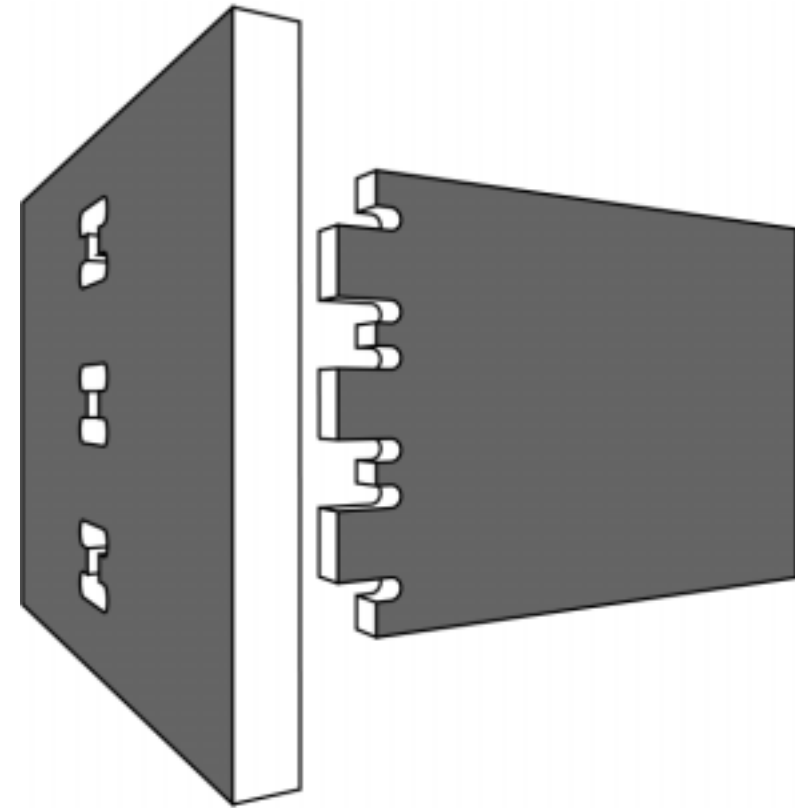
Finger Tenons

In furniture construction, the Finger Tenons are suitable for the fitting of shelves, cross bars and foot-rails. These items are mortised into the side parts being either executed as an open or as a blind version.

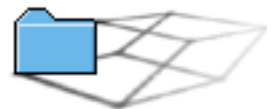
The Finger Tenons, like the jugged out finger tenon corner joint, differ from their traditional models in the more deeply cut rebate on the inner corner of the tenon base. The width of the Finger Tenons should be at least three times the diameter of the router bit. The H-shaped mortises are, as well as the shape of the tenons, a typical characteristic of CNC-compatible manufacturing.

Examples of application

- Simplizissimus-Table
- Chest of Drawers
- Clip-Shelf



→ to the data files



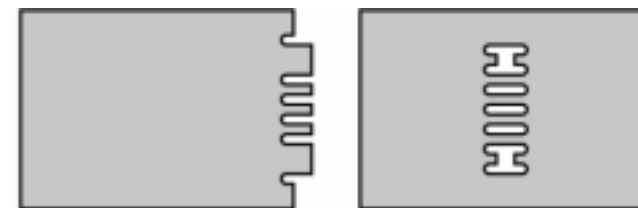
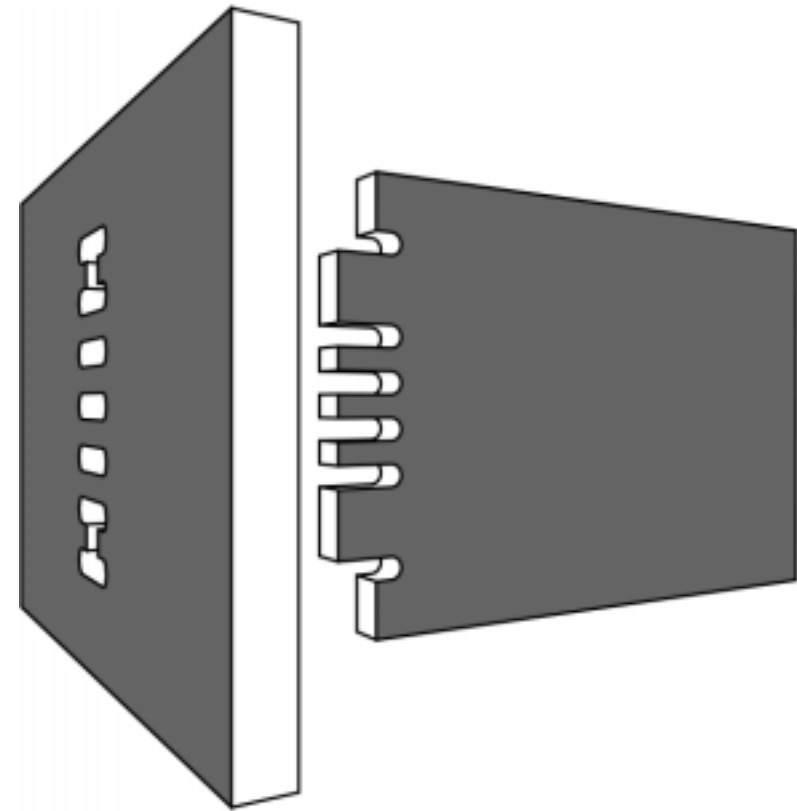


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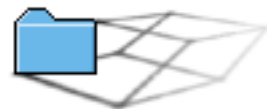
Fingertip Tenons with Lateral Positioning Tenons

The Fingertip Tenons for T-shaped joints were developed parallel to the Fingertip Tenon Corner Joint. It is characterised by its slender tenons and can be executed either open or blind. Ideally the width of the tenons equals the width of the router bit. It is recommended, however, to choose a one to two tenths of a millimetre larger width of the tenons, so that the router can work the tenons without problem in one go.

The outer tenons have been designed as positioning tenons in order to avoid a lateral shift of the tenons. Furthermore they prevent a distortion of the mortised parts.



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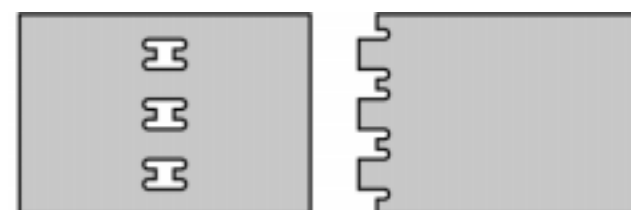
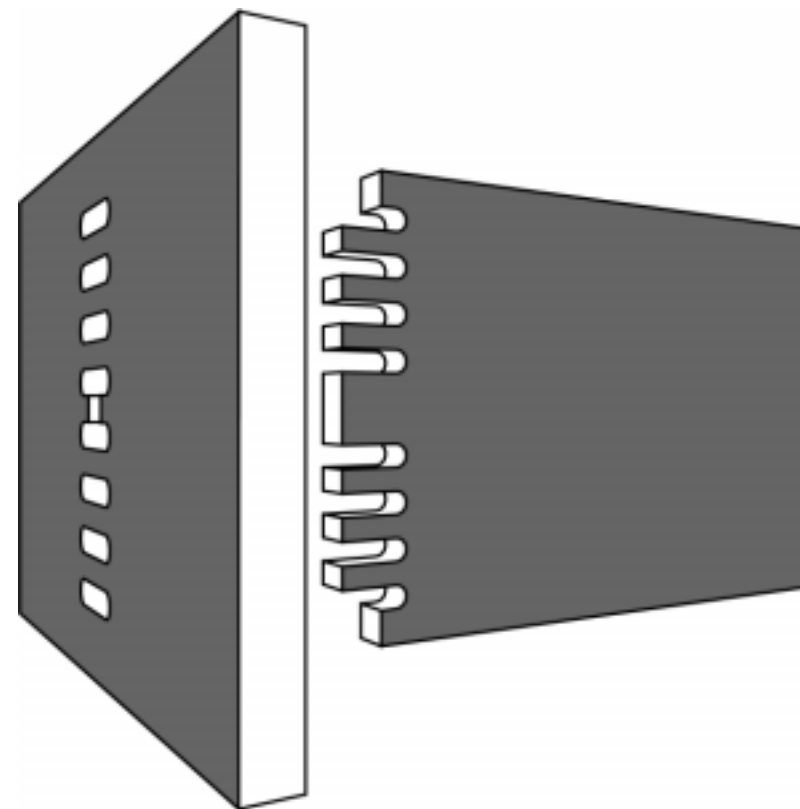


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Fingertip Tenons with Central Positioning Tenon

The Fingertip Tenons can not only be executed with lateral positioning tenons, but also with one central positioning tenon. The latter version is mainly used when there is no great need to secure the mortised parts, e.g. cross bars and foot-rails, against torsion. If the mortised parts are broad, it is recommended to place more positioning tenons in the row of tenons.

The Fingertip Tenons can be executed in solid wood as well as board materials. When solid wood is used, one needs to pay attention to the main direction of shrinkage in the mortised parts.



Example of application

→ C...Stool

→ to the data files





name of file: C_001

Clip Tenons

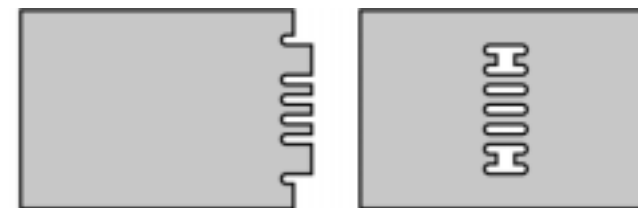
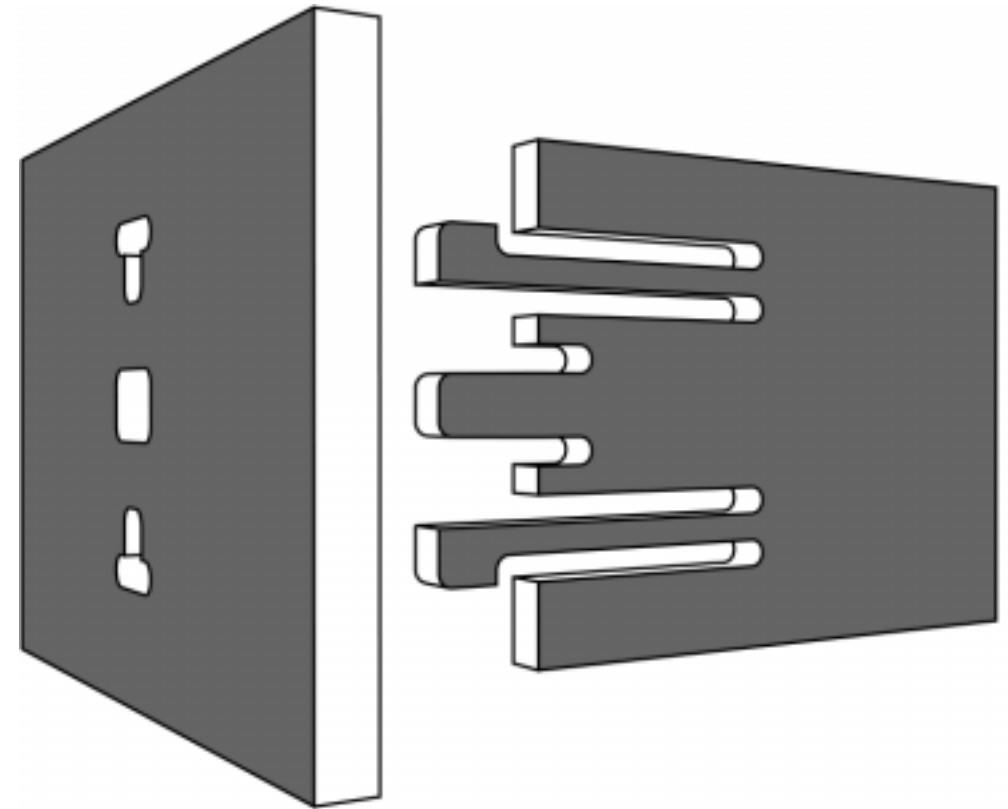
The use of modern derived wood products and the transfer of jointing techniques from other fields necessarily leads to new and innovative solutions.

Clip Tenons make a detachable joint which consistently uses the springiness of multiplex plywood. The model for this joint is found in the field of synthetic materials.

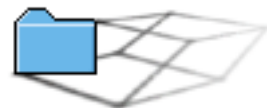
The Clip Tenons are made in such a way that both clip hooks flip back to their original position after being pushed through the mortises in the side part and thus secure the joint. The joint can be detached manually again and again by pressing together both clip hooks.

Example of application

→ Clip-Shelf



→ to the data files



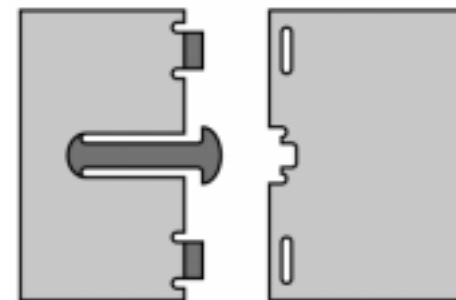
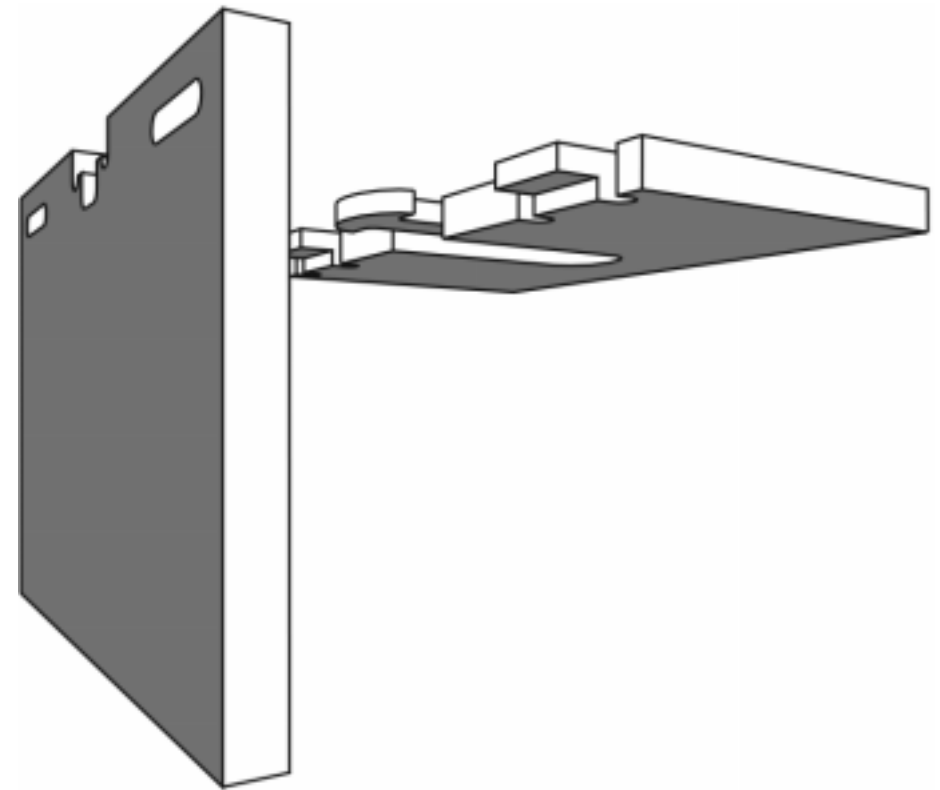


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Catch Tenon

The Catch Tenon Joint is a detachable corner joint. However, unlike traditional solutions in the form of connectors made out of metal or synthetic materials, the joining elements are part of the individual pieces of furniture. The Catch Tenon Joint can therefore be put together and detached without tools, which makes it particularly suitable for packaged furniture.

When assembling, the catch is pushed through the matching latch and as soon as it is in the right position it flips back. The joint is secured against tension by the catch, while the tenons take on the arising forces.



→ to the data files

