



T O M

**Ways to integrate/use the Tom-strip.**

# Recess types

We recommend creating a 4 mm groove with a recess depth of at least 14 mm to fully accommodate the strip, although a greater depth is of course also possible. This recommended width ensures that the material is held securely while still allowing smooth movement. A narrower groove, however, will clamp more tightly, which may be desirable in certain cases.

The recess can be made in various materials, each with its own sliding properties. Therefore, we recommend testing the complete assembly.

A groove can be created in several ways: it can be milled or cut from solid material using a saw (1).

A special TOM router bit can be used to create the perfect cut in a single step, forming a chamfer on both sides to help guide the material being clamped.

A recess can also be made in the side of a material, with another element closing the groove (2 and 3). This opposing element can function as a stop, allowing the paper to be guided easily.

Alternatively, two panels can be positioned 4 mm apart, or a sandwich construction can be used (4).

Below are various cross-sections illustrating different ways to create a 4 mm spacing.

There are various ways to create a groove for the TOM strip. The resilience of the strip itself ensures that it clamps securely in place while simultaneously holding flat items that are inserted. How well the strip remains in position depends on several factors.

When a straight groove is selected (Page 03), we recommend that the sides of the groove be enclosed. The strip should be cut with a slight overlength so that it also creates friction at the sides, helping it remain securely in place.

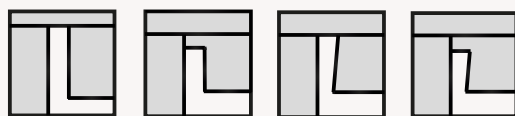
When a tapered groove (Groove on edge type 2) is selected, it is not necessarily required to enclose the sides.



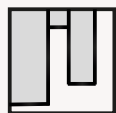
Groove in solid material type 1 & 2  
Page. 03



Groove on edge type 1 & 2  
Page. 11



Offset between panels types  
Page. 20



Sandwich construction  
Page. 27



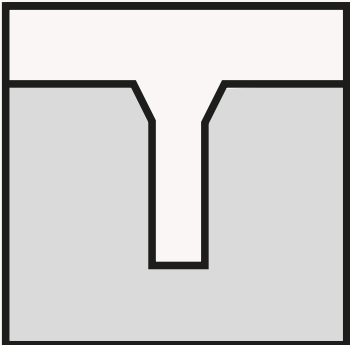
It is important, as a supplier of a finished product in which Tom is a component, to thoroughly test the composition of the complete product. This is because each material has its own specific (friction) properties.

When selling the product, clearly state the following:

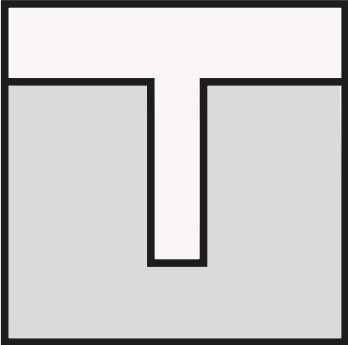
Do not use with sharp or heavy sheet materials such as knives, blades, or glass. Improper use may result in injury or damage, for which the manufacturer cannot be held liable. Always ensure that the product is used as intended.



Groove in solid material



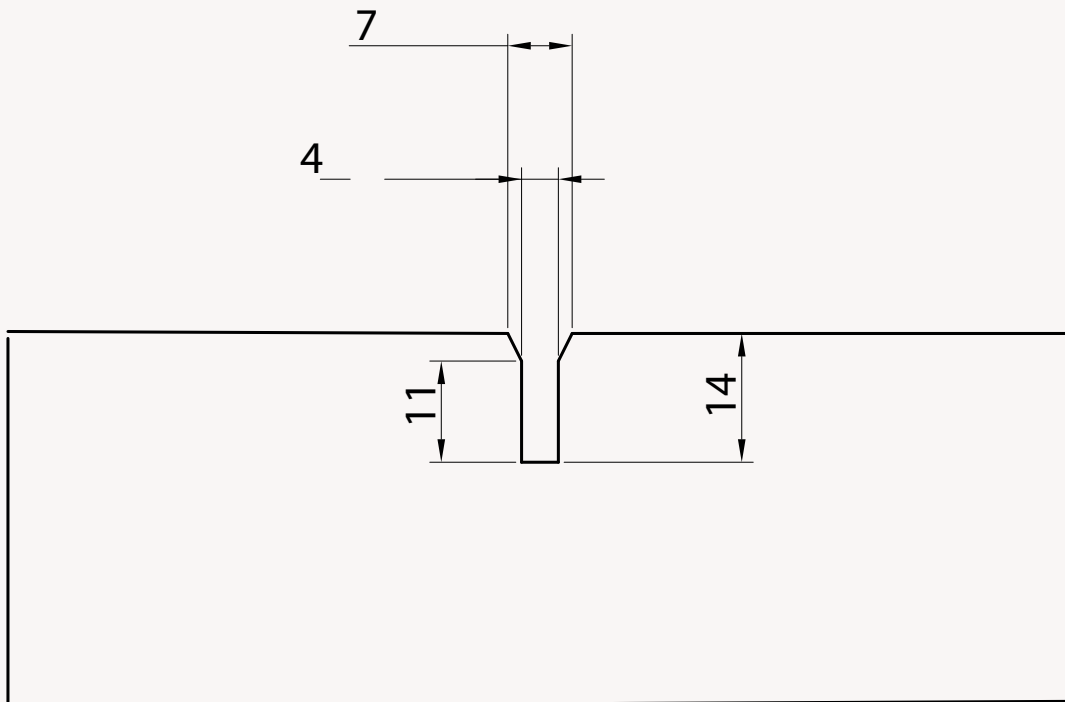
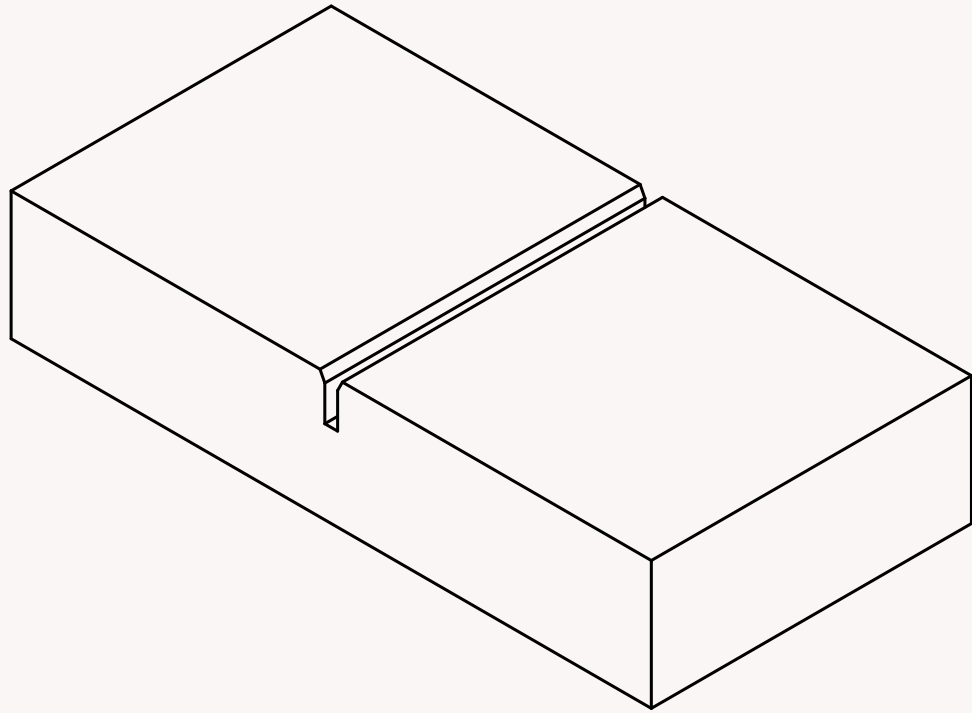
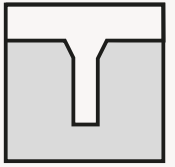
Type 1



Type 2



# Groove in solid material Type 1



Cross-section of solid material





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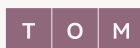


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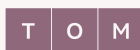


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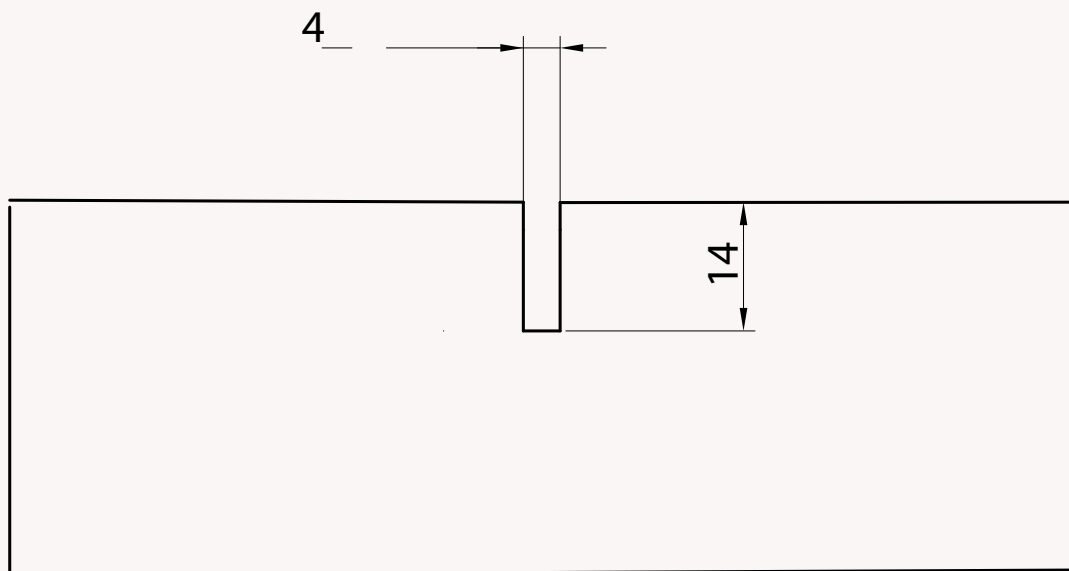
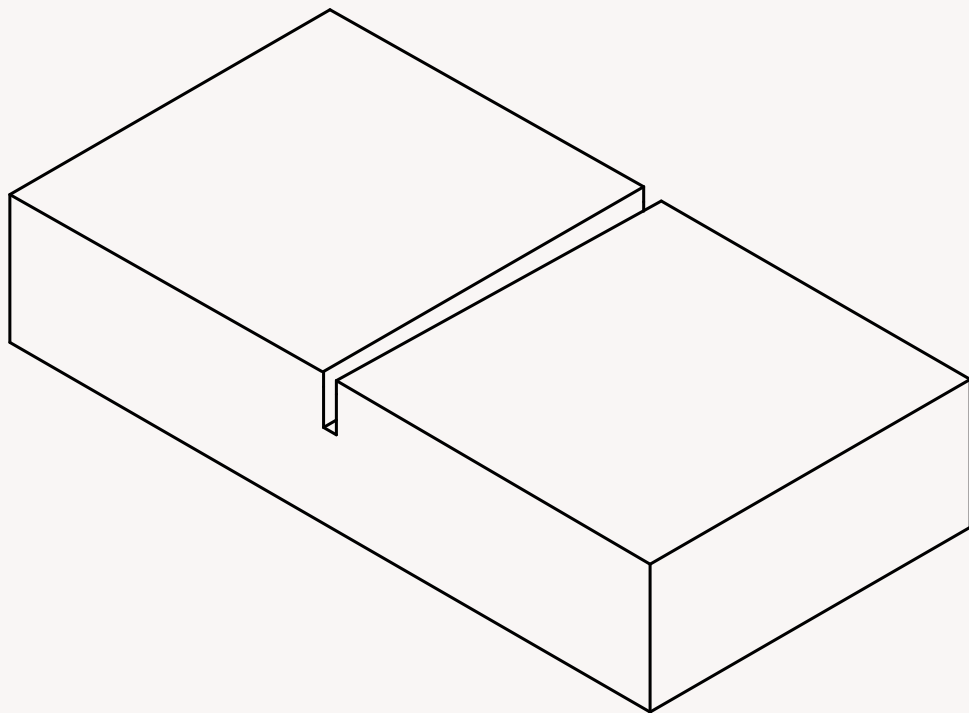
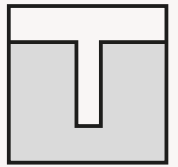
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# Groove in solid material type 2



Cross-section of solid material

All dimensions are in mm





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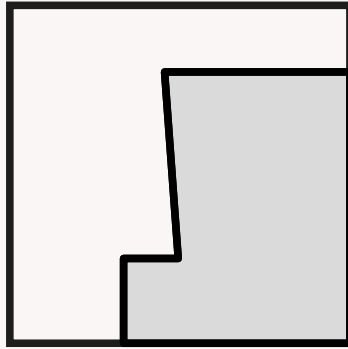
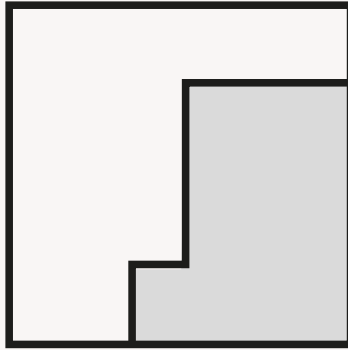
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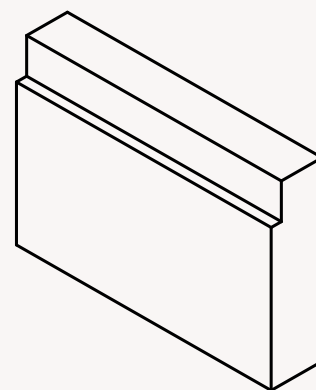
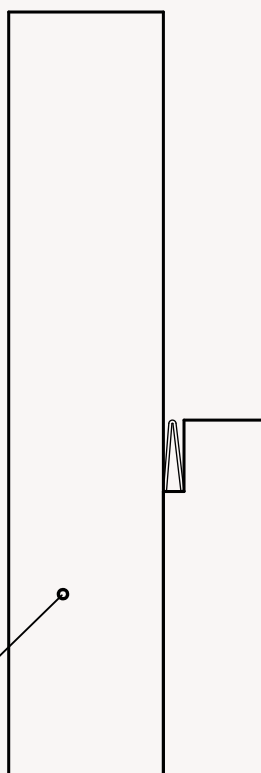
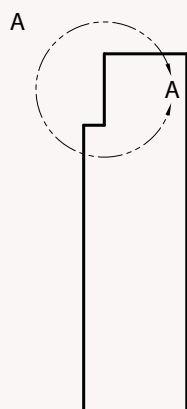
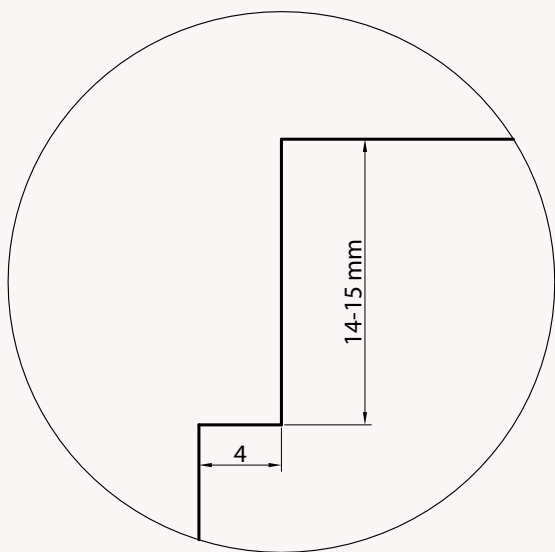
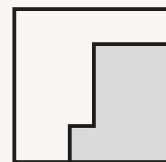
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### Groove on edge type 1 & 2



# Groove on edge type 1



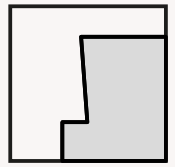
existing wall

Cross-section of wall, skirting board and TOM-strip.



## Groove on edge type 2

This tapered cut-out offers increased resistance for the strip, allowing it to accommodate greater tolerances compared to the rectangular cut-out type 1



This recess can be created using a milling tool (FIG 2.1) , or by making a saw cut with the saw blade set at an angle.( FIG 2.2)

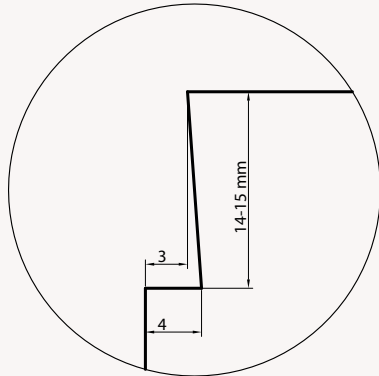
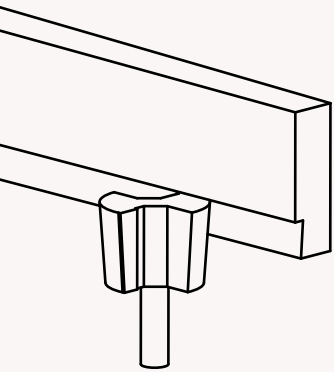


FIG 2.1

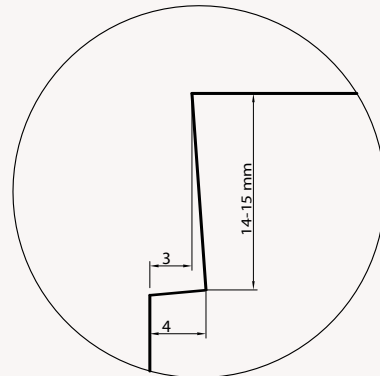
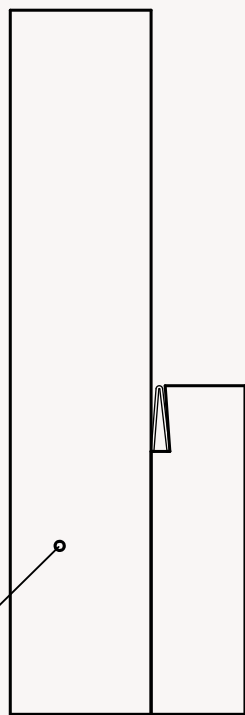
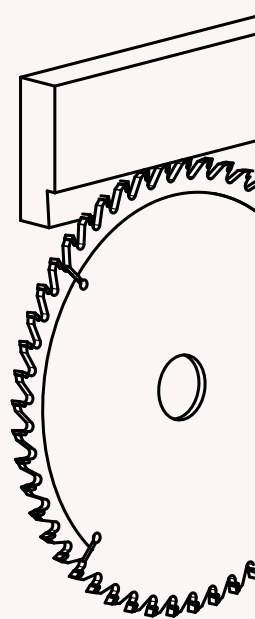
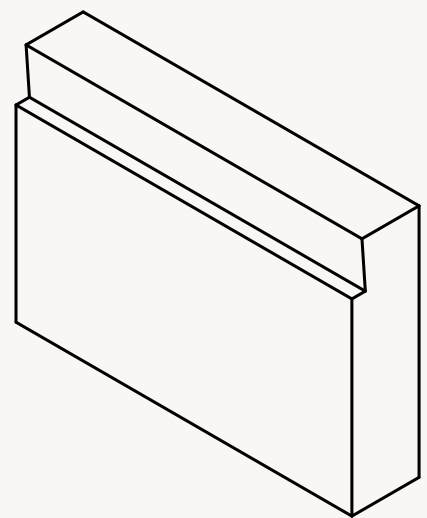


FIG 2.2



existing wall

Cross-section of wall, skirting board and TOM-strip.





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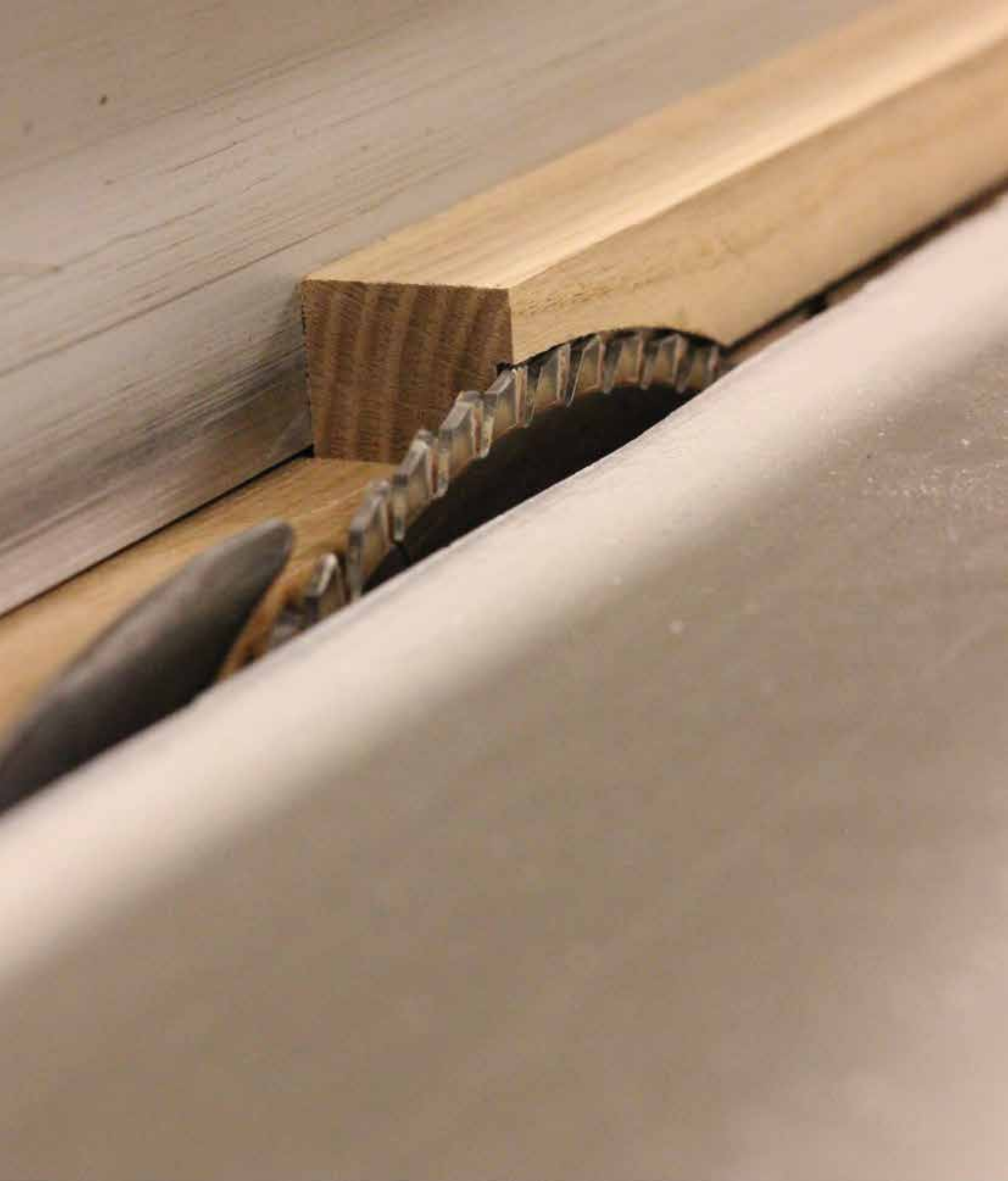
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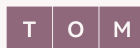


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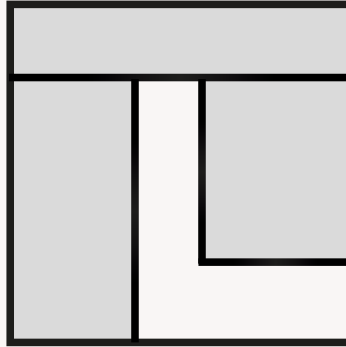
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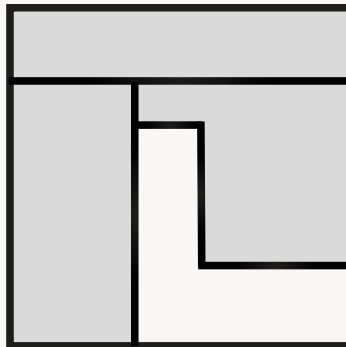
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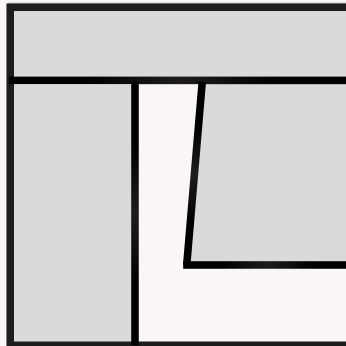
## Offset between panels



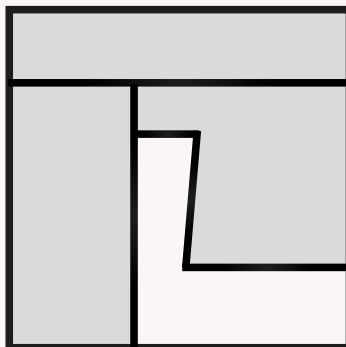
type 1



type 2



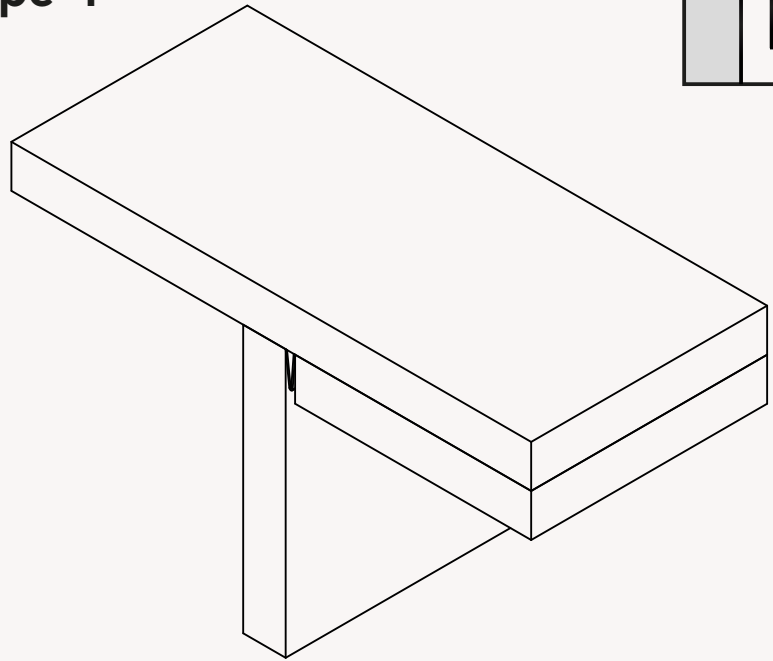
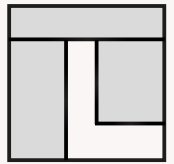
type 3



type 4

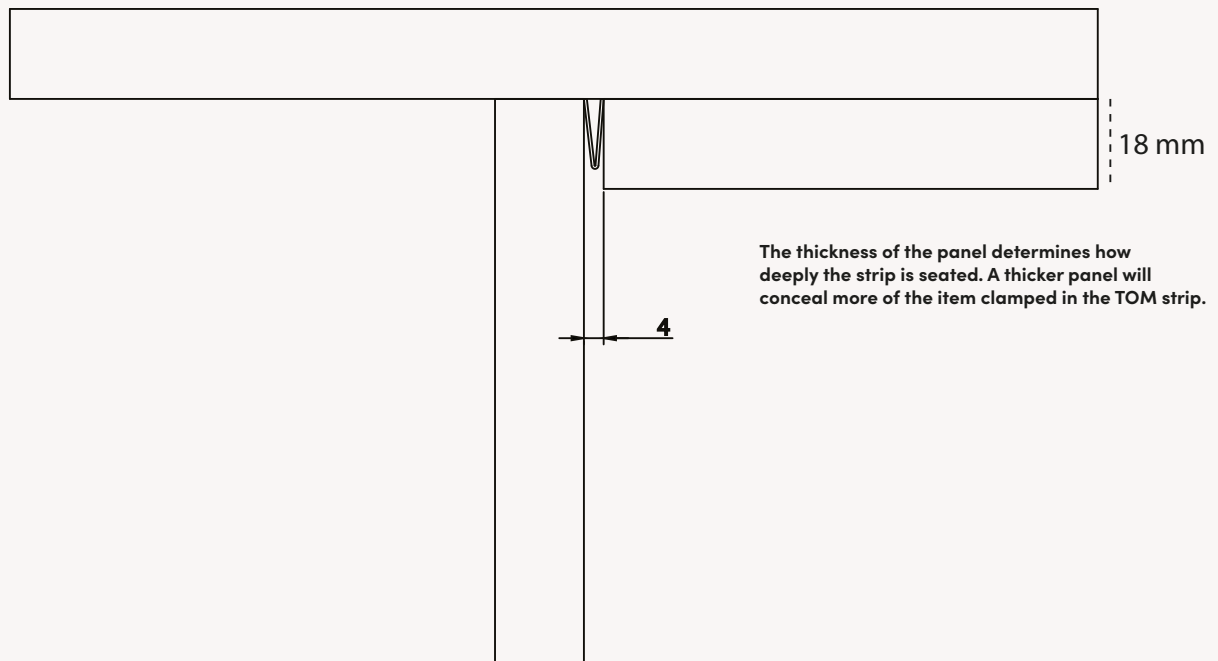


# Offset between panels type 1



The TOM clamping strip can also be placed between two panels held 4 mm apart, with one of the panels serving as a guide for the paper.

Make sure that the ends of the TOM strip are cut slightly oversized and enclosed so that the strip holds firmly in place.



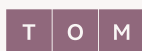


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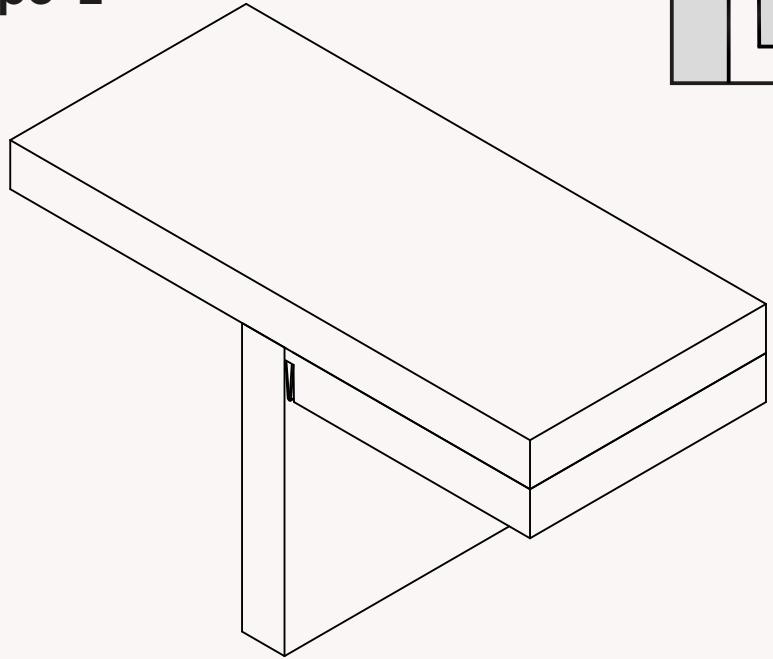
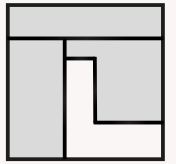
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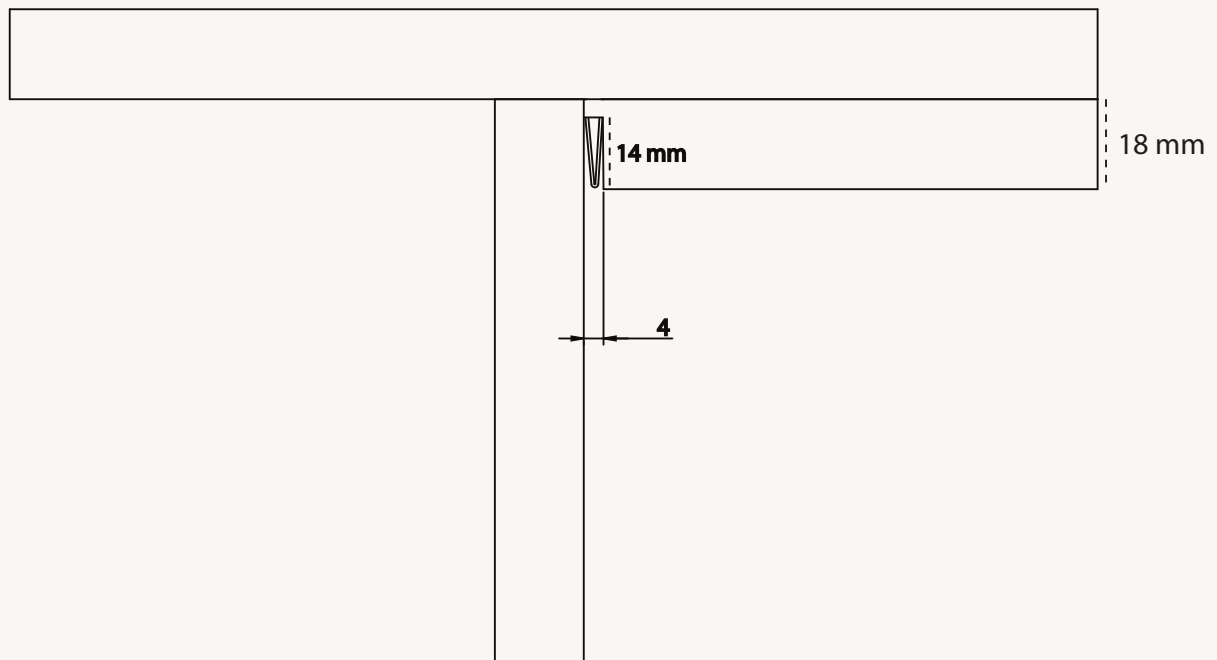


## Offset between panels type 2



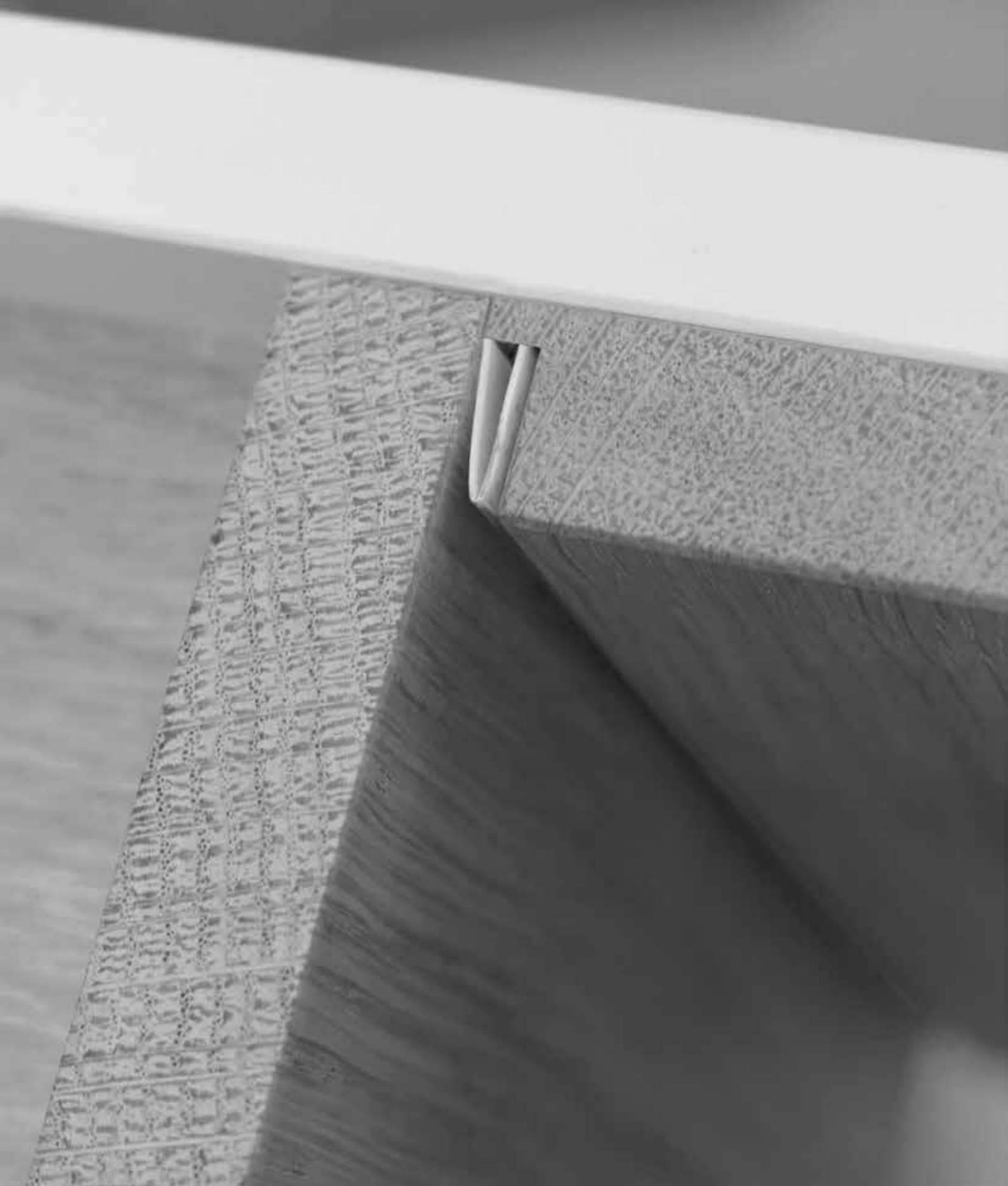
The TOM clamping strip can also be placed between two panels held 4 mm apart, with one of the panels serving as a guide for the paper.

Make sure that the ends of the TOM strip are cut slightly oversized and enclosed so that the strip holds firmly in place.



This groove can be cut with a circular saw or milled





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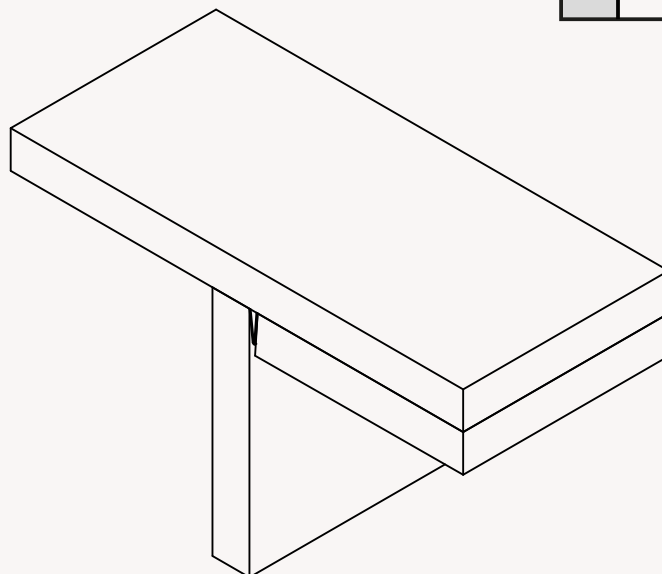
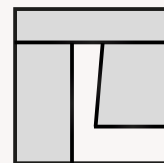
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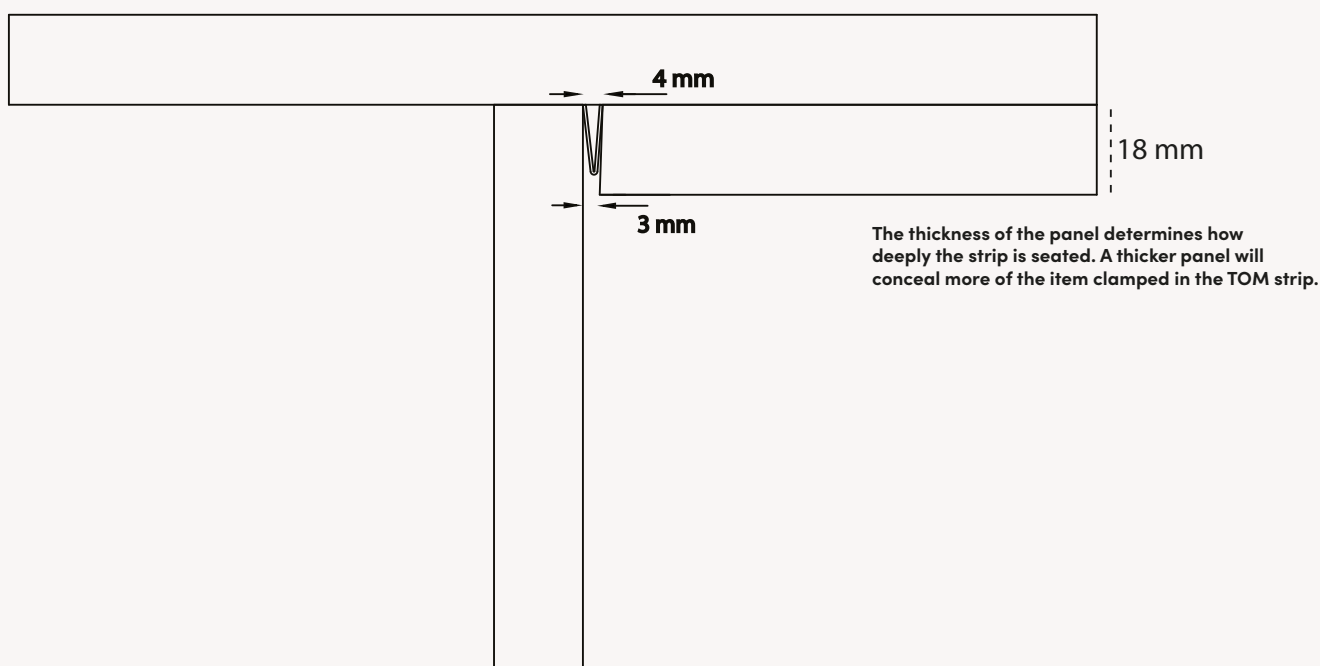
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## Offset between panels type 3



The TOM clamping strip can also be placed between two panels held a certain distance apart, with one of the panels serving as a guide for the paper.

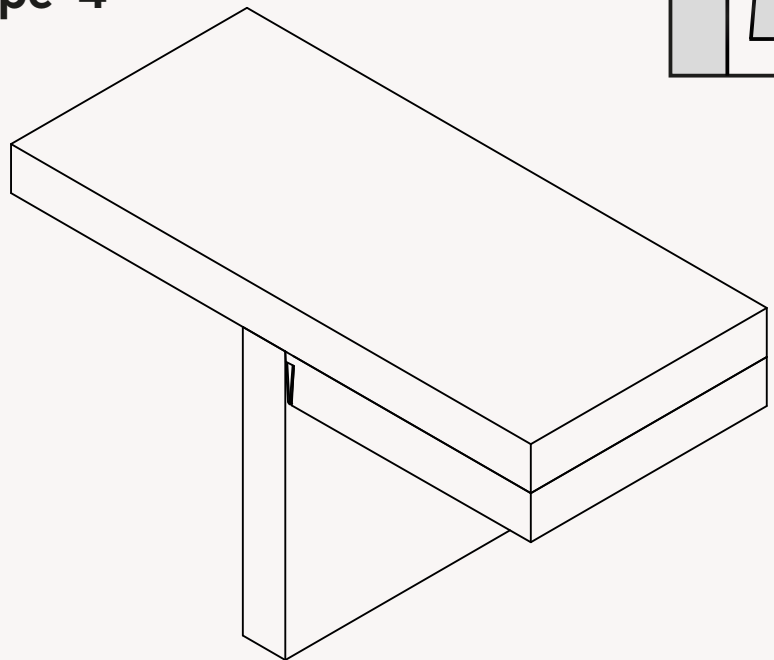
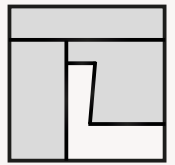


As you can see, one of the panels may be slightly misaligned, resulting in a groove opening of 3 mm. This creates more resistance for the strip, so it stays in place better, making it unnecessary to trim the strip with extra length or even to leave the groove open.

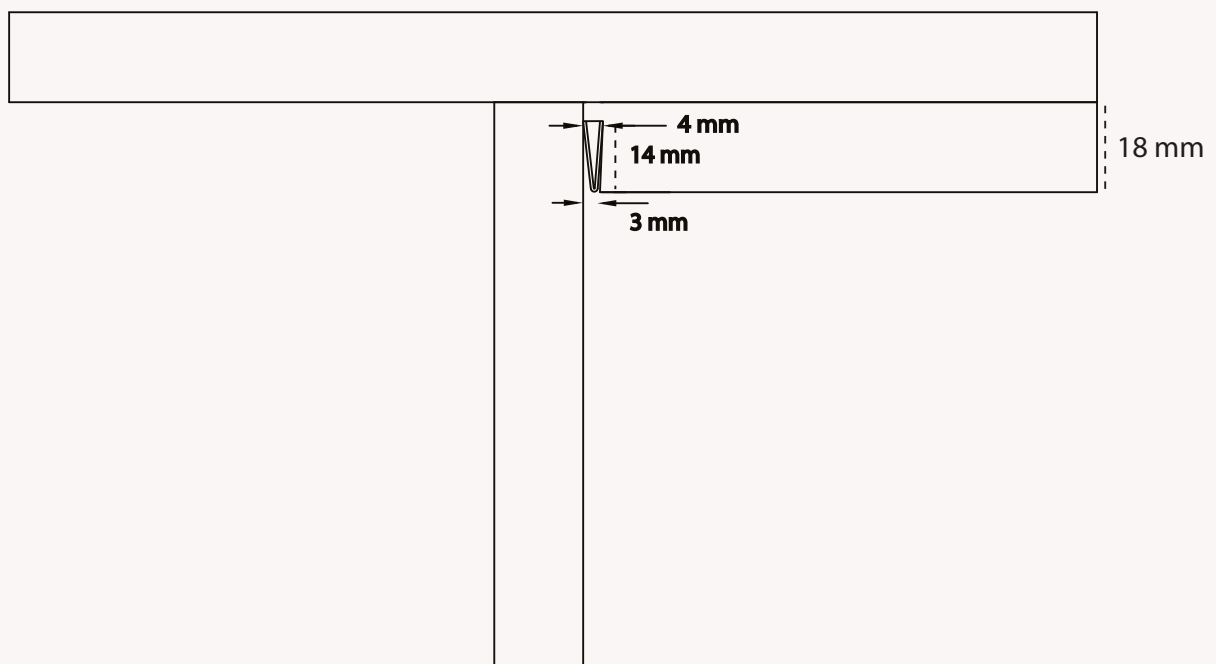
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## Offset between panels type 4



The TOM clamping strip can also be placed between two panels held a certain distance apart, with one of the panels serving as a guide for the paper.



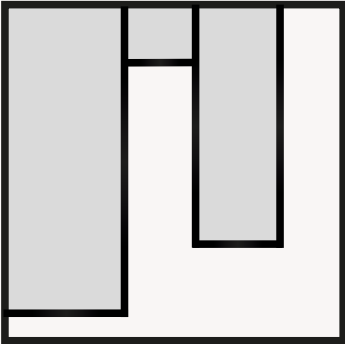
As you can see, one of the panels may be slightly misaligned, resulting in a groove opening of 3 mm. This creates more resistance for the strip, so it stays in place better, making it unnecessary to trim the strip with extra length or even to leave the groove open.

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**Sandwich construction**



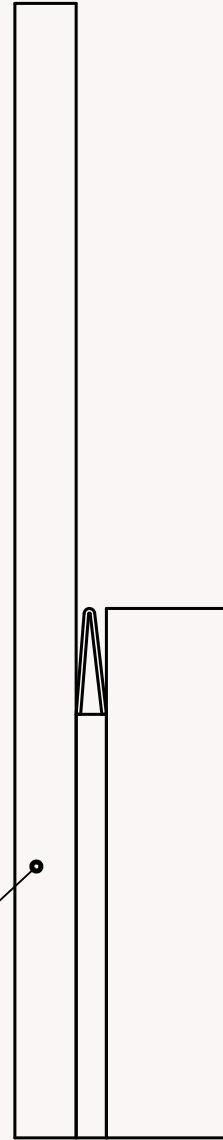
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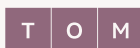
Multiple material layers arranged to achieve a 4 mm groove.

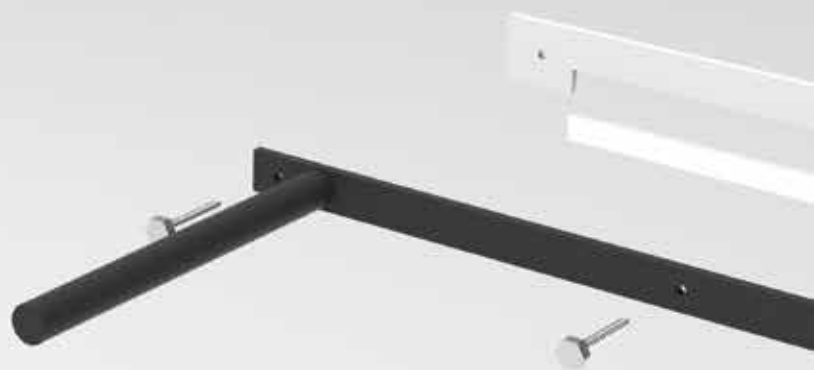
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