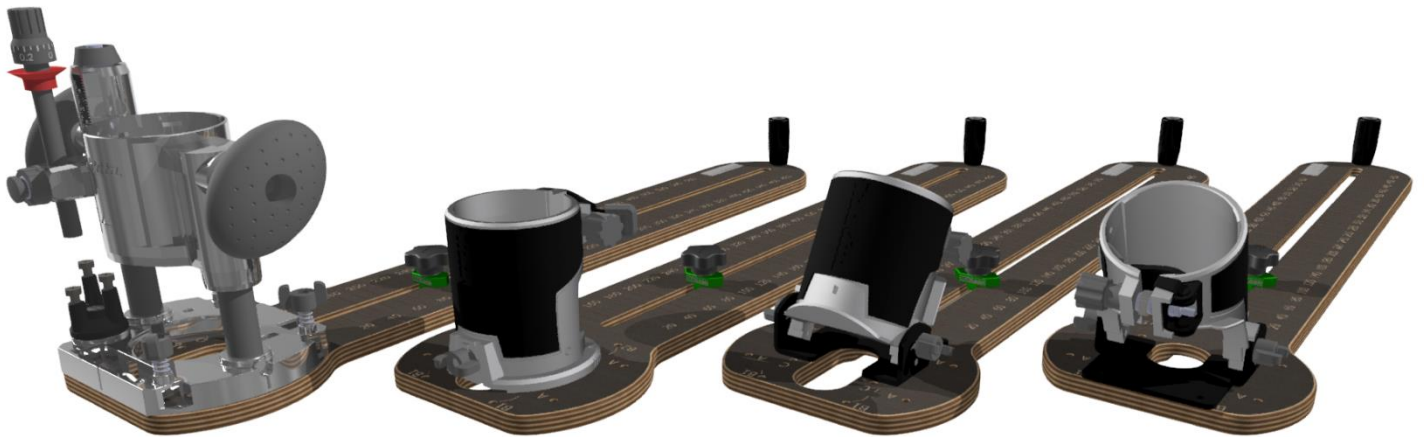




DRT-RT milling circle

Manufacturer information



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Member of the "Fairness in Trade" initiative

Participants in the "Der Grüne Punkt" recycling system

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Safety instructions

CAUTION! READ THE INSTALLATION AND OPERATING INSTRUCTIONS BEFORE USE! KEEP THE INSTALLATION AND OPERATING INSTRUCTIONS IN A SAFE PLACE!

KEEP OUT OF THE REACH OF CHILDREN. THIS ARTICLE IS NOT A TOY! THERE IS A RISK OF INJURY!

The scope of delivery includes small parts that can be swallowed. If a part is swallowed, consult a doctor immediately.

Use protective equipment. For your own safety, always wear hearing protection, a respirator/dust mask and safety goggles.

When handling the product, also observe the operating instructions for the router or the device with which you are equipping this product.

Disconnect the mains plug before installing or changing parts.

All parts must be properly assembled before use, otherwise there is a risk of injury!

Never remove existing protective devices.

Clamp the wooden workpiece to be processed.

Make sure that you and the wooden workpiece you are working on have a secure footing.

This product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and/or knowledge, unless they have been given supervision or instruction concerning use of the product by a person responsible for their safety.

Be attentive, pay attention to what you are doing and use common sense. Do not use the product if you are tired or under the influence of drugs, alcohol or medication. A moment of carelessness when using the product can lead to injury.

Only use the product if it is in perfect condition and undamaged. A damaged product can break during use and cause injury.

Notes

We are pleased that you have decided in favour of our milling circle. Despite all the care we take, we do make mistakes. If you notice anything, please contact us. We will find a quick and convenient solution.

Apart from a few standardised parts, our products are manufactured in-house. Phenolic resin-coated veneer plywood panels serve as the basic material for this. These are usually made of birch wood. Wood is a natural material and therefore has irregularities. We endeavour to reduce visual irregularities and sort them out if necessary. We **do not** sort out small, visual defects that do not impair functionality in any way **and** whose origin lies in the natural material.

For the benefit of the environment and the cost-benefit ratio.

Product data & scope of delivery

EAN code: 4270003319614

Dimensions: Length: 650mm

Width: 151mm

Height: 58mm

Material: Multiplex birch 12mm, phenolic resin coating on both sides

Application: Routing device for producing circular cut-outs and components

Dimension: Radii from 12mm - 571mm

Tolerance of the scale: $\pm 1\text{mm}$

Scope of delivery: 1x basic body DRT-RT milling compass

1x swivelling cylinder handle*

1x aluminium sliding carriage 86mm x 20mm (short sliding carriage)

1x DIN7991 M4x10 countersunk head screw*

1x DIN7979 Ø6x18 dowel pin m6 fit & M4 internal thread*

1x DIN7991 M5x25 countersunk head screw

1x double-headed arrow

1x DIN9021 washer 5.2 with 3x nominal diameter

1x M5 star knob (**max. tightening torque 1 Nm**)

4x DIN7991 M4x20 countersunk head screw

*The components marked with * are pre-assembled.*

Measuring scales

The milling compass has 2 measuring scales.

There are 2 arrows engraved on the sliding carriage. These point to the scale that can currently be read.

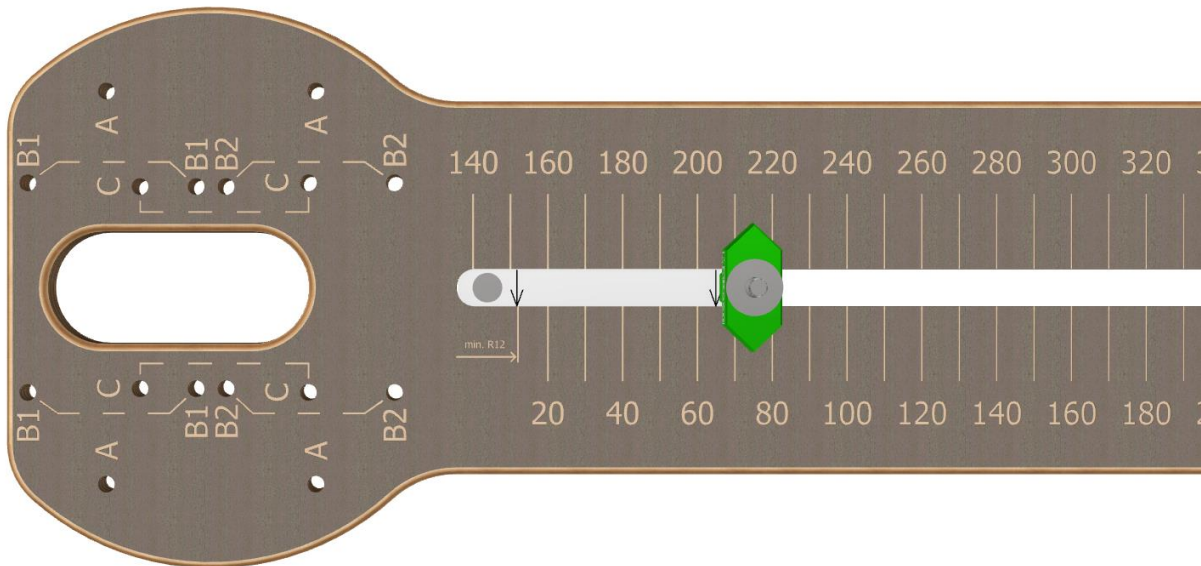


Illustration 1 - Arrows of the sliding carriage point to the lower scale

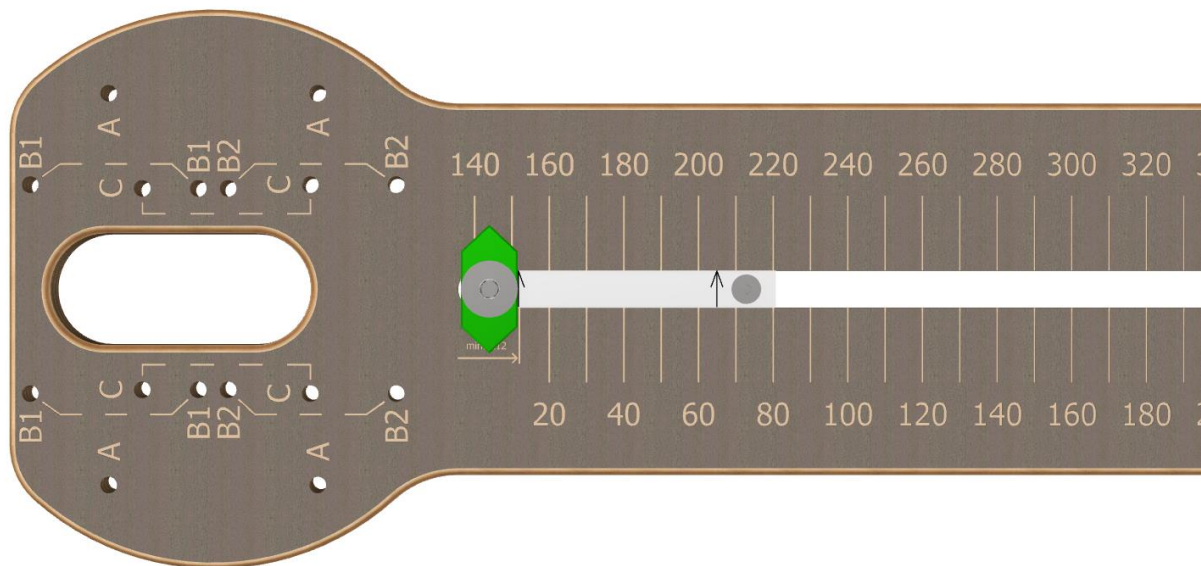


Illustration 2 - Arrows of the sliding carriage point to the upper scale

Setting the correct dimension

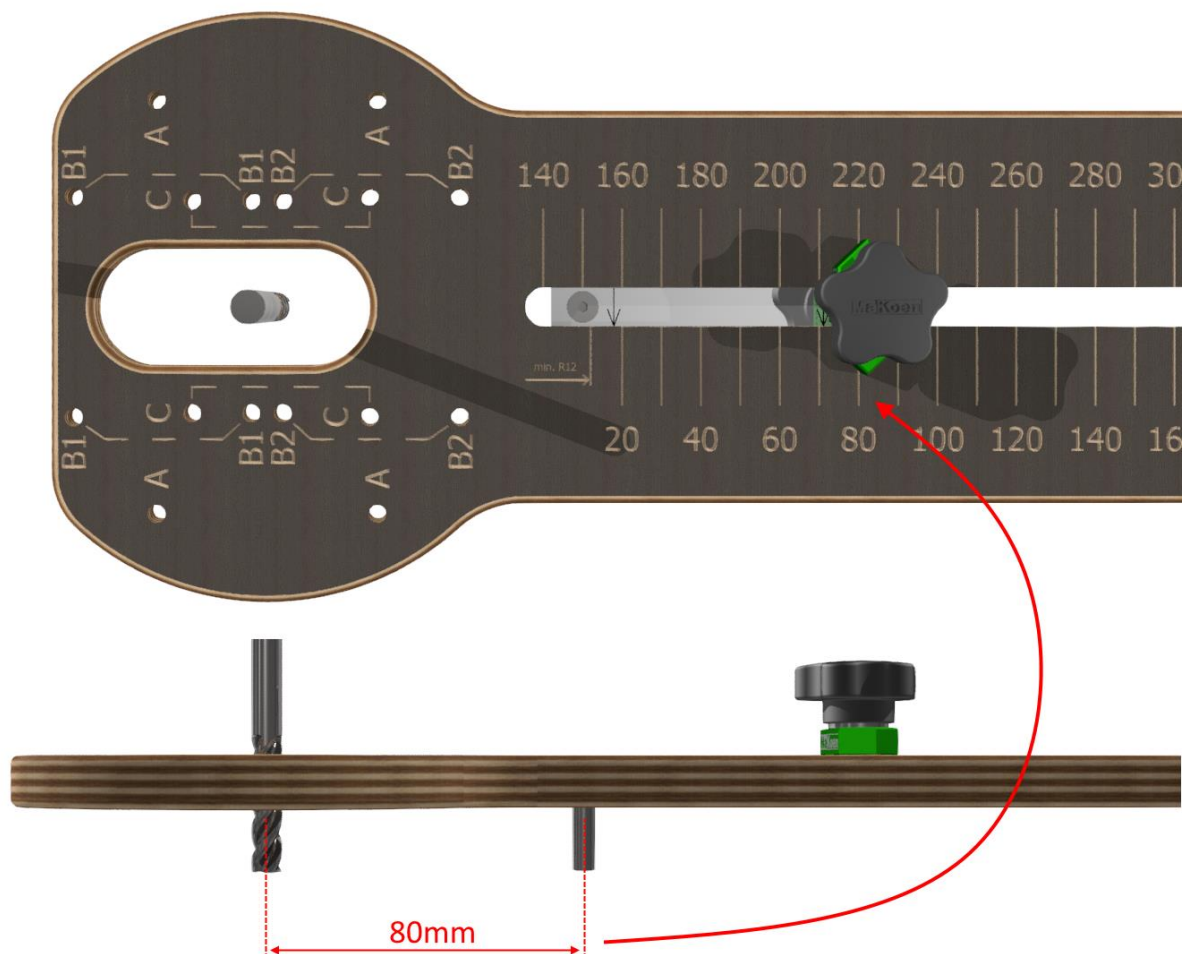


Illustration 3 - Illustration of a set dimension, here 80mm

As can be seen in Figure 3, the set dimension shows the distance between the centre of the cutter and the centre of the centring pin. This makes it possible to use the scale for cut-outs and components alike.

The scales are for convenience. Two scales cover both ways of inserting the sliding carriage into the milling circle.

- Set desired dimensions
- IK = Circular cut-out → Subtract cutter radius
- AK = Circular component → Add cutter radius

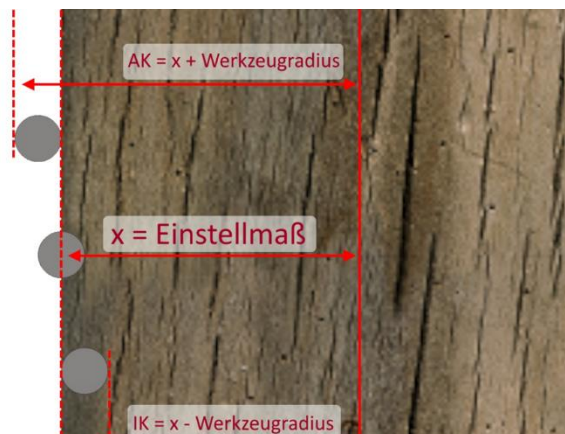


Illustration 4 - Illustration of outer contour to inner contour

Assembly of the milling compass

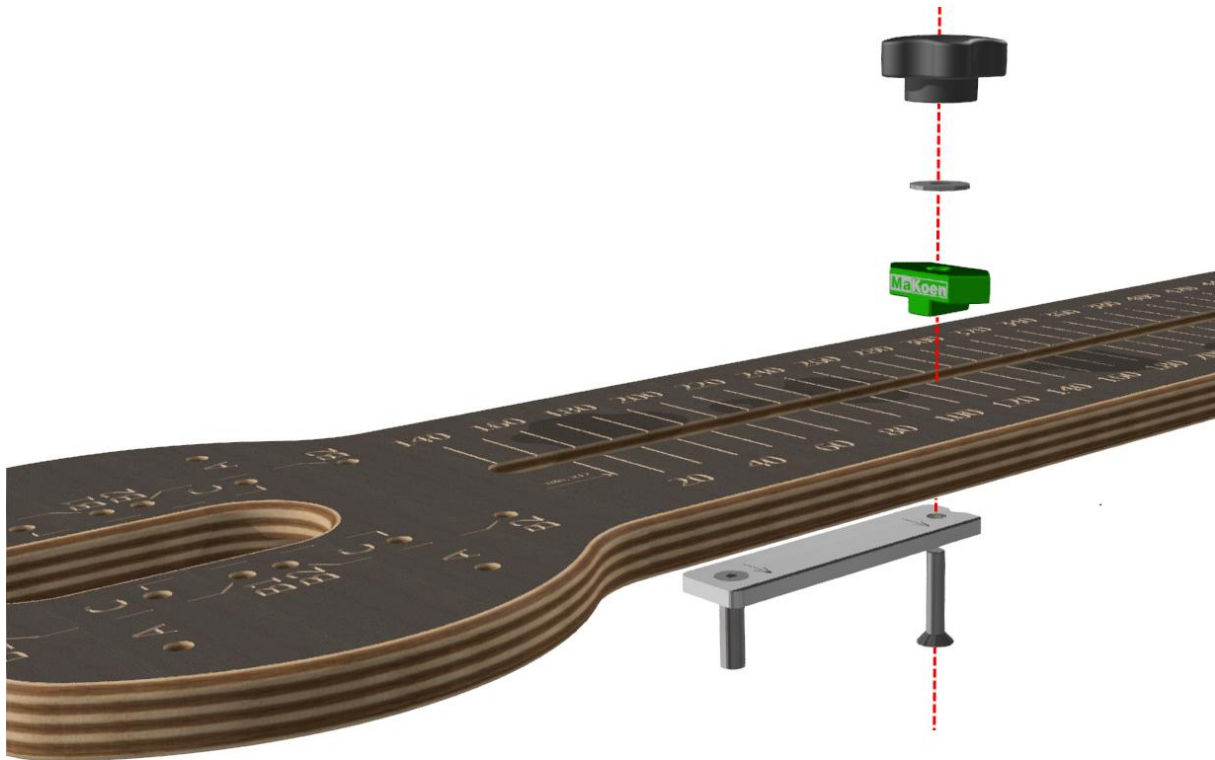


Illustration 5 Assembly sequence of the router DRT-RT

Assembly sequence of the milling circle.

Insert the sliding carriage into the milling circle from below

The direction depends on which scale you want to use.

Insert the M5 countersunk head screw from below through the sliding carriage.

Place the dimension arrow on the screw from above.

Place the washer on the dimension arrow and the screw.

Screw on the M5 star grip. The maximum tightening torque is 1 Nm.

Assembly of the router

Routing module - Drill holes A

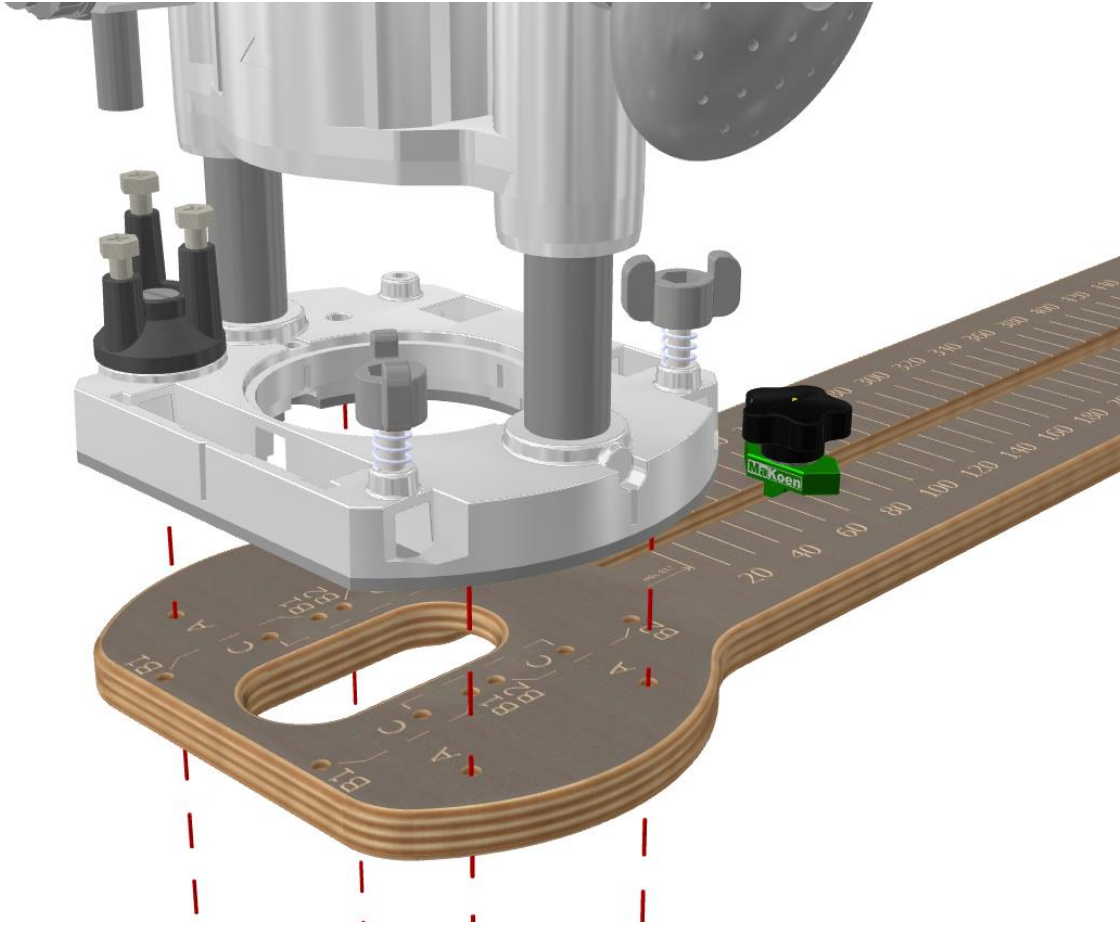


Illustration 6 Mounting the router module A

Use the holes labelled A to mount the router module on the routing compass.

Alignment: The distances are symmetrical. The module can be rotated by 180°.

Angle milling module - drill holes B1

The angle milling module can be mounted in 2 directions. This achieves the largest possible adjustment range of $\pm 45^\circ$.

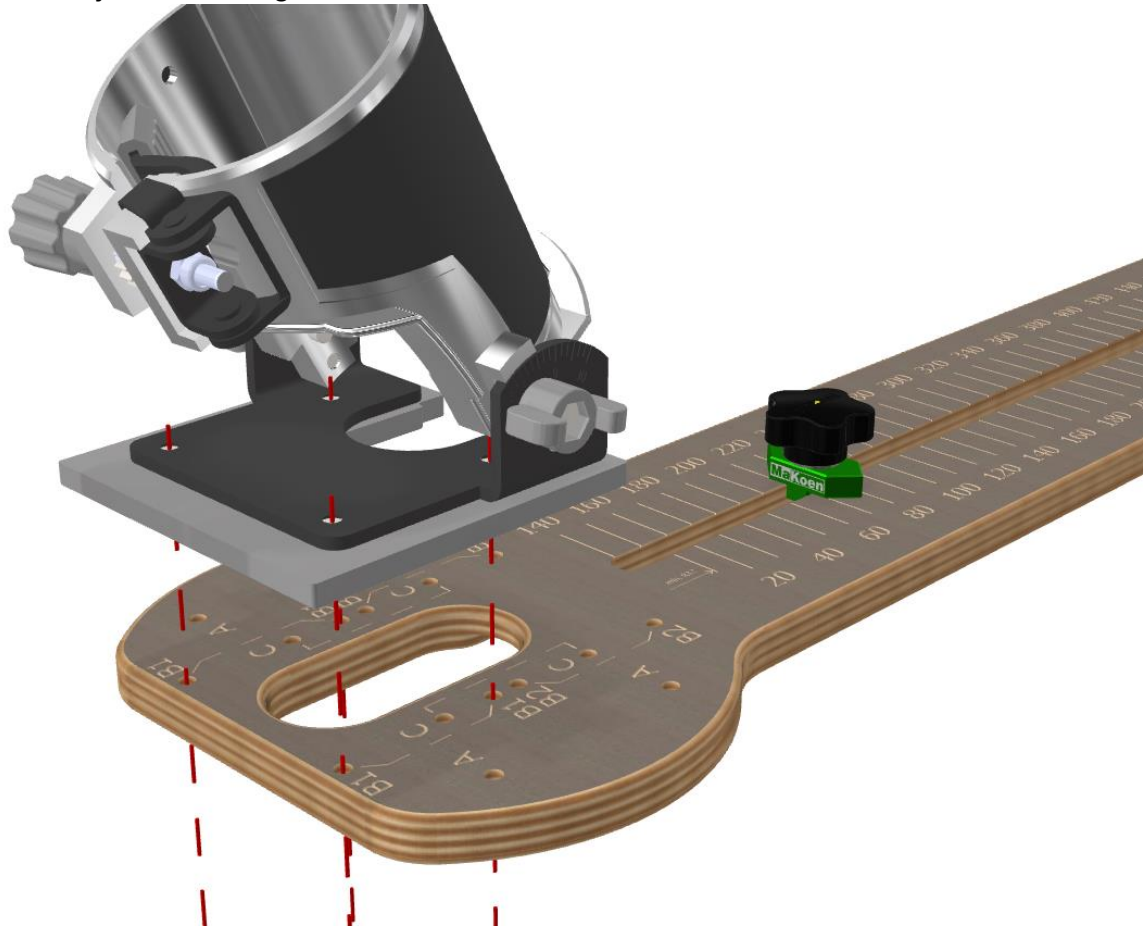


Illustration 7 Mounting the angle milling module B1

Angles of $45-90^\circ$ can be milled using the angle milling module and mounting via the B1 holes.

Alignment: Alignment is only possible in one position, as the holes are arranged asymmetrically.

Caution: When adjusting the angle, the position of the cutter in relation to the scale changes.

Angle milling module - bores B2

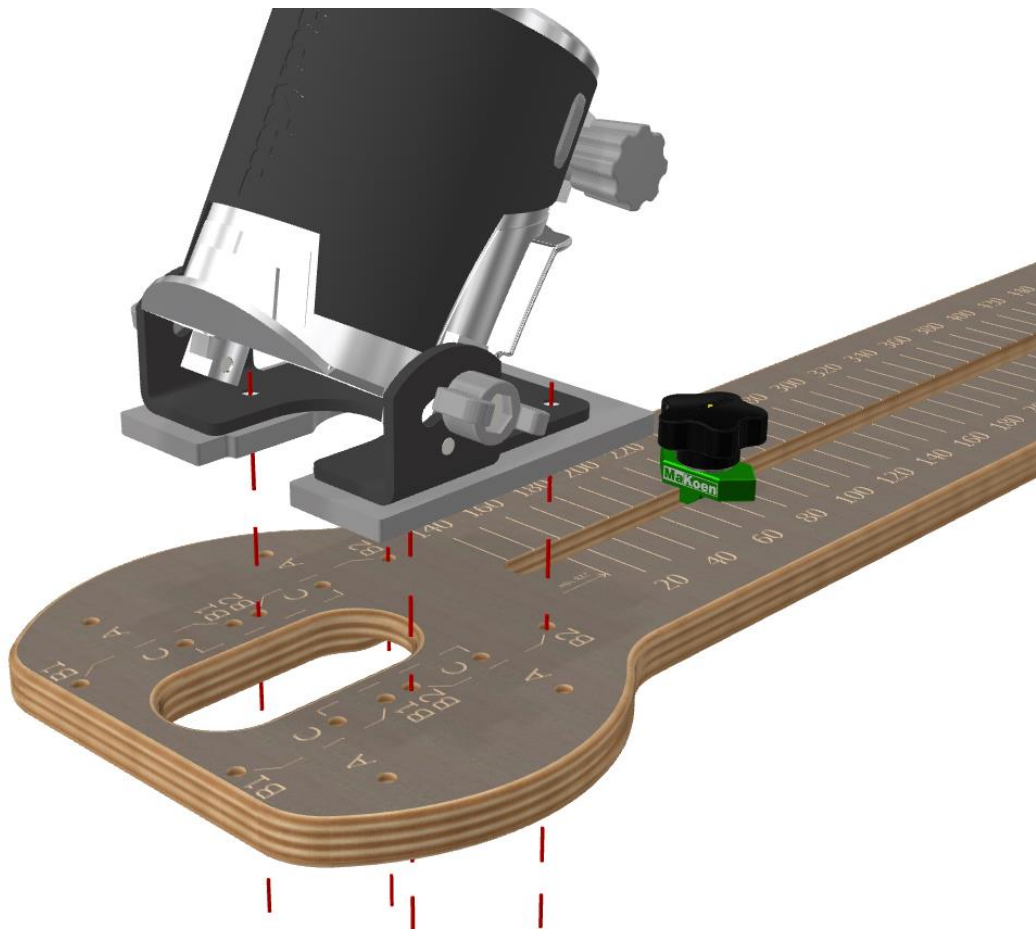


Illustration 8 Mounting the angular milling module B2

Angles of 90-135° can be milled using the angle milling module and mounting via the B2 holes.

Alignment: Alignment is only possible in one position, as the holes are arranged asymmetrically.

Caution: When adjusting the angle, the position of the cutter in relation to the scale changes.

Edge milling module - drill holes C

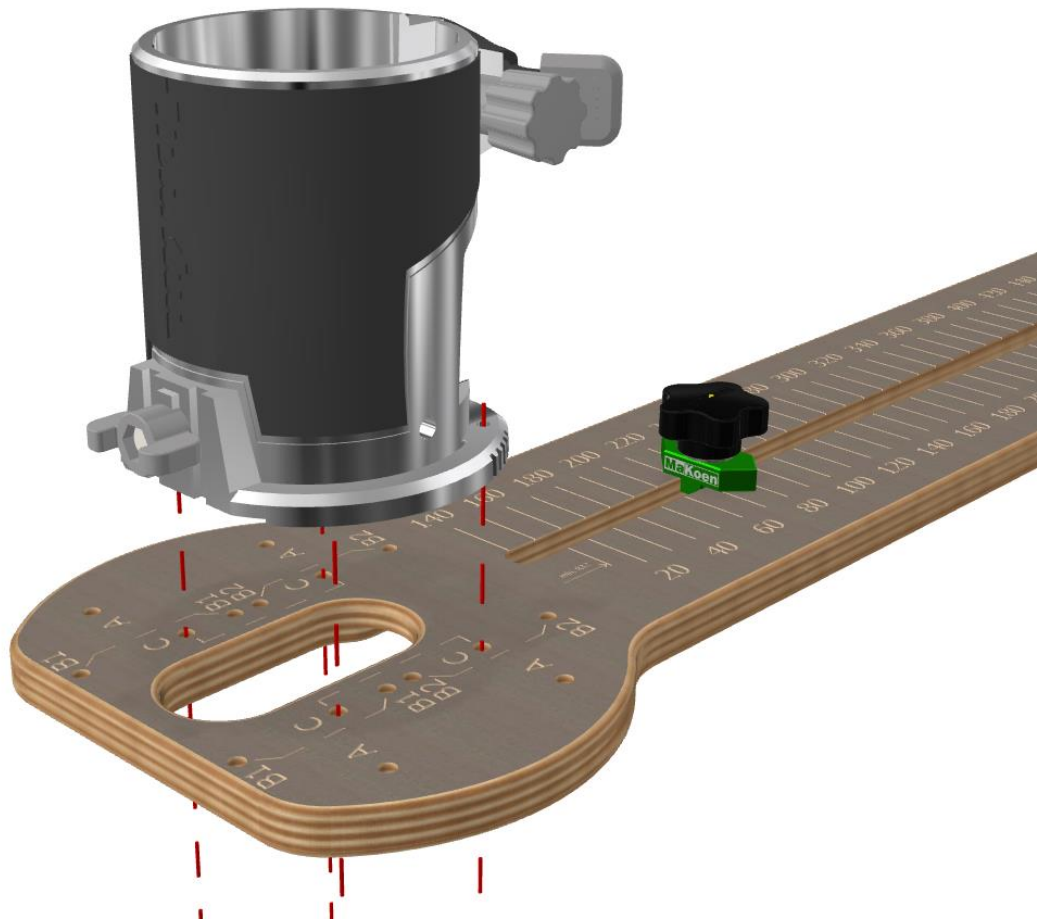


Illustration 9 Mounting the edge milling module C

The edge milling module is mounted via the holes C.

Alignment: The holes are asymmetrical. The edge milling module must face the scale with the clamping mechanism as shown in the illustration.

Dissatisfied?

Do you have any questions or suggestions?

Please contact us using one of the following options

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Mobile: 0176 28 54 7300

E-mail: info@makoen.com

Product page: <https://makoen.com/makita-faeszirkel>