

Garden Gate Closer GTS 120/170

Mounting example type 1 - standard

Mounting on gateposts with centrally located door hinges



I. Check material and tool list

Included in delivery are the garden gate closer, two aluminium brackets with different side lengths, 4 tapping screws and 2 cap nuts.

WARNING: The garden gate closer is **preloaded!** The preloading safety should **not be removed before installation!** Due to preloading, the threaded rods of the gate closer are skewed. They will adjust during assembly.

- 1 garden gate closer GTS 120/170
- 1 aluminium bracket (bracket 1): 60, 80 or 100 mm
- 1 aluminium bracket (bracket 2): 30 mm
- 2 cap nuts M6
- 4 tapping screws 4,8 x 19 mm



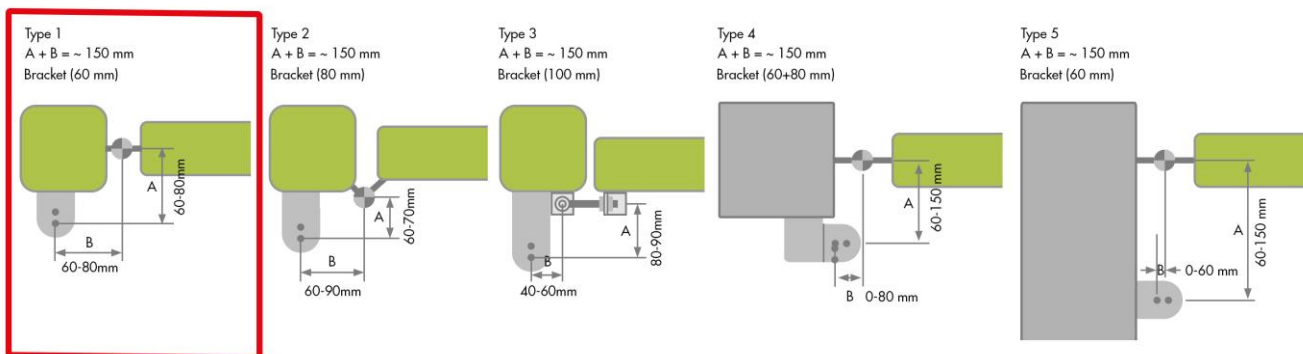
You will need a **cordless screwdriver** with a **4.2 mm metal drill** and a **cross slot (Phillips) screwdriver (PH2)**. Furthermore, you need a **spirit level**, **measuring tape**, **pen** and two **no.10 fork wrenches**.

II. Determine type of mounting

The following mounting example shows the mounting **type 1**, that is the mounting at gates with posts and centrally located door hinges. In this variant, usually the **60 mm bracket** (bracket 1) is sufficient.

For different situations, you may eventually need a longer bracket.

All sorts of mounting brackets and different types of mounting instructions are available on our website <https://gardengatecloser.com>.



Using the following **QR-Code**, you can also watch this and all other mounting types on Youtube

<https://youtu.be/9qt9OIPX2HI> (german video with english subtitles):



Assembly Type 1



All other types of assembly

III. 5 steps for successful mounting

1. Determine mounting position of gate closer
2. Measure bracket 1 (post-sided)
3. Mount bracket 1 (post-sided)
4. Position and mount bracket 2 on the gate
5. Insert and tighten garden gate closer

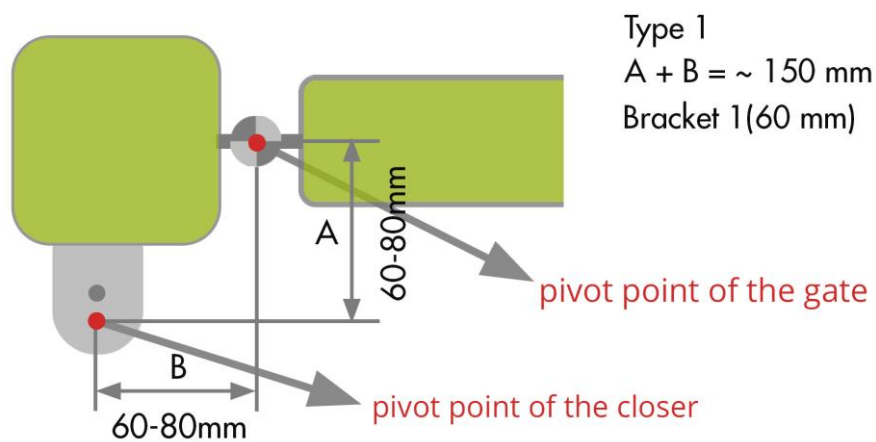
Step 1: Determine mounting position of gate closer

First, you need to determine the position of the gate closer. It can be positioned at the top of the gate, in the middle or at the bottom. It is important that it is **mounted levelled!** As well, the two brackets (bracket 1 and bracket 2) need to find sufficient hold on the gatepost and on the gate respectively. The larger bracket (bracket 1) is to be mounted on the post. The smaller bracket (bracket 2) is to be mounted on the gate.



Step 2: Measure bracket 1 post-sided

After having positioned the gate closer correctly, check the distance of the gate's pivot point (located in the middle of the hinges) and the pivot point of the closer (chosen mounting hole of bracket 1). For measuring use the larger bracket (**bracket 1**).



The **sum of the two lengths A and B** should **not exceed 150 mm**, and also should **not be less than 140 mm** either. However, if the sum of the distances is bigger than 150 mm, the gate can only be opened a little **less than 90°** at worst.

The pictures below show an example in which the **distance A is about 75 mm**. That means the distance from the centre of the hinges to, in this example, the second of the outer mounting hole of the larger bracket 1. Now move bracket 1 laterally alongside the post until **distance B is 75 mm**. Just as done when measuring distance A, distance B is also defined by measuring from the centre of the hinges to the position of the mounting hole on the bracket.



Note: As long as the distances are correct the gate closer can be mounted in any of the two mounting holes. When using a larger bracket (80 or 100 mm), it is of advantage to choose one of the middle holes so that the gate closer can be fine-tuned afterwards.

Step 3: Mount bracket 1

After having measured the correct position of bracket 1 on the gatepost, mark the drilling holes with a pen. We recommend to centre-punch the drilling holes in order to prevent the metal drill from slipping off.



Drill the holes using a cordless screwdriver with a **4.2 mm drill**. The drill's dimensions are essential here because if using a smaller diameter, the screw can tear off. Using a bigger diameter, the screw doesn't find enough hold. After drilling, mount the bracket and tighten it using the tapping screws.

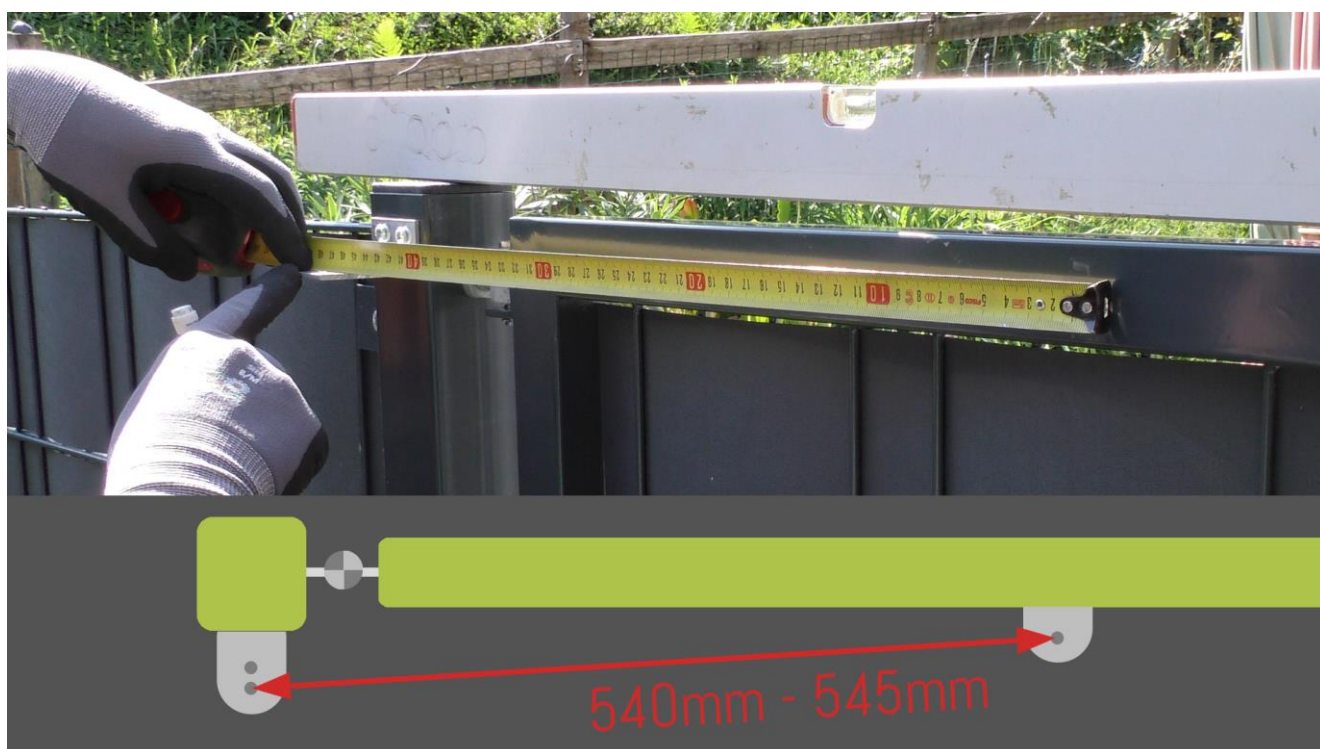


Step 4: Position and mount bracket 2 on the gate

Having positioned and fixed the first bracket (bracket 1) correctly, you've already done the biggest part of the mounting!

Now, the second bracket (**bracket 2**) has to be positioned correctly on the gate. Therefore, the distance between the two mounting holes (that is the chosen mounting hole on bracket 1 and the mounting hole on bracket 2) must be between **540 mm** and **545 mm**. **Exact measurement is essential here!**

But be careful: If this distance is too small, the gate will only open a little less than 90°. If it is too big, the gate won't close entirely.



Now **check the vertical position** of the brackets using the spirit level!

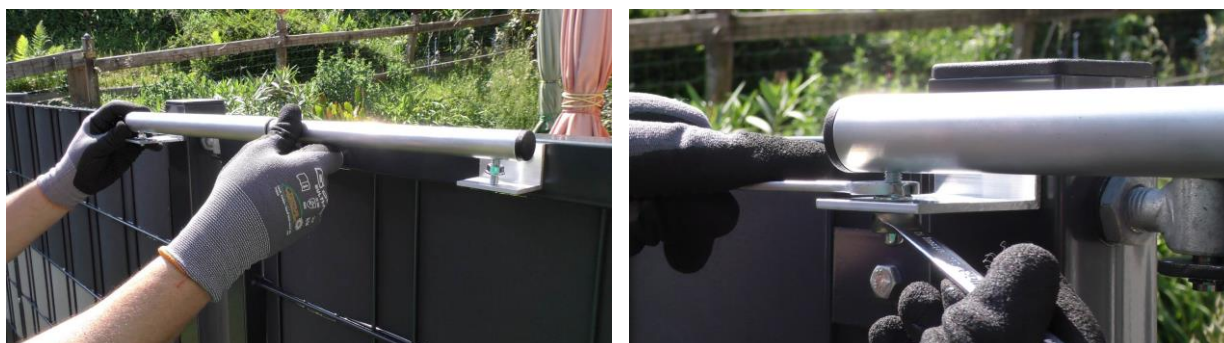
Attention: If you adjust the position of bracket 1 later, bracket 2 must be re-positioned as well to ensure the correct hole-to-hole distance.

Having measured the distance correctly, mark, centre-punch and then drill both holes for bracket 2 using a 4.2 mm drill. Mount and tighten bracket 2 using the tapping screws enclosed.



Step 5: Insert and tighten the garden gate closer

For easier mounting, the garden gate closer is pre-loaded when delivered. For inserting the gate closer, open the gate until the gate closer can be put into the respective holes without applying any force. The **thicker end** of the closer is to be put into **bracket 1** (near the wall). The **slimmer end** is being inserted into **bracket 2** (on the gate).



Finally, the garden gate closer is fixed using the cap nuts. Therefore, screw on and tighten the cap nuts using the locknuts. In this step the nuts should be tightened in such a fashion, so that the **threaded rods** are straightened and stand **in right angles** to the mounting bracket.

Note: In most cases, the pre-loading security bolt loosens by itself during this procedure. In case that the bolt remains, carefully move the gate just a few millimetres towards its opening direction!



You've done it. We hope you enjoy your new garden gate closer!

If you have any further questions about the assembly, do not hesitate to contact us via email **office@gardengatecloser.com** or via our **WhatsApp service +43 664 881 89 781!**

Also have a look at our installation videos on our homepage! The most frequent questions can be answered immediately.

Your gardengatecloser.com team

PS: If you are satisfied with our gate closer your **positive review** on our website or on Amazon would make us very happy!