

## GC<sup>200/400/600</sup>

### pedestrian gate closer

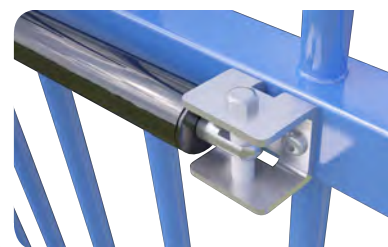
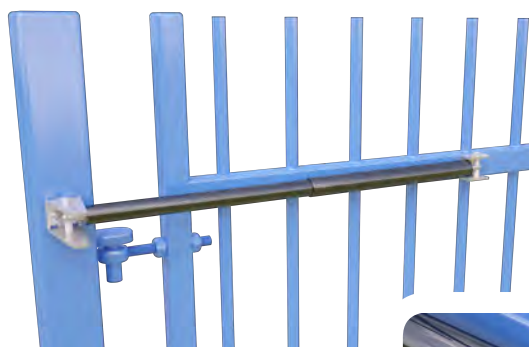
By design, the GC200/400/600 pedestrian gate closer is an inexpensive easy to install pedestrian gate closer that you will find suitable for a wide range of hinge types, post sizes and gate weights.

With three different closer strengths to choose from, you can confidently choose the correct gate closer for most applications, giving your customer a reliable gate closing function.

Likewise, you can select and install our pedestrian gate closer along with other security products to provide reliable gate closing; for example, to operate with an electromagnetic lock as part of an access control system.

With maintenance limited to periodic inspection and lubrication, you have little or nothing to consider for ongoing maintenance costs. Should a gate closer cease to function, you or your customer can fit an inexpensive GC replacement gate closer cylinder in five-minutes.

Made completely from substantial metal components, the GC200/400/600 pedestrian gate closer is a robust unit you can weld or screw fix to an application. Installation is simple and quick.



### Key features:

Weld or screw fix

3 different closer strengths

Gate weights up to 150 kg

Gate widths 0.8 to 2.0 mt

Strength adjustment

Hydraulic speed control

Gas release adjustment unnecessary

90 degree opening angle

Suitable for metal or timber gates

Black polymer coated steel cylinder

GGC200/400/600 pedestrian gate closer

Please view the next page to see a selection table and other information to help you choose the correct Easy pedestrian gate closer for your job.

# Check Gate Closer Selection

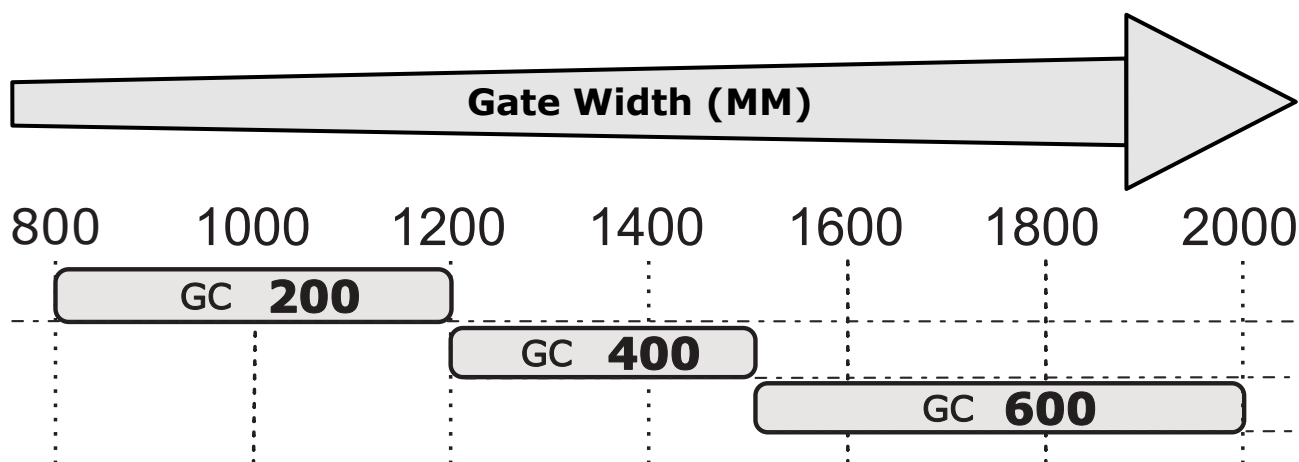
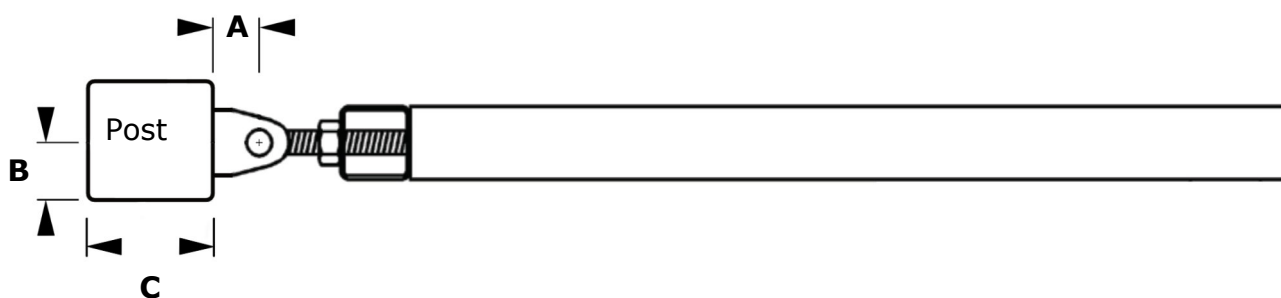
Most gates have an in-line hinge arrangement, as shown below.

To be sure you have the correct gate closer for your particular gate, simply check the following information shown in the drawing and table.

If the gate you have has a different hinge arrangement ie Off-Set, size or weight, and the information provided does not help then please contact us for advice about selecting a suitable gate closer.

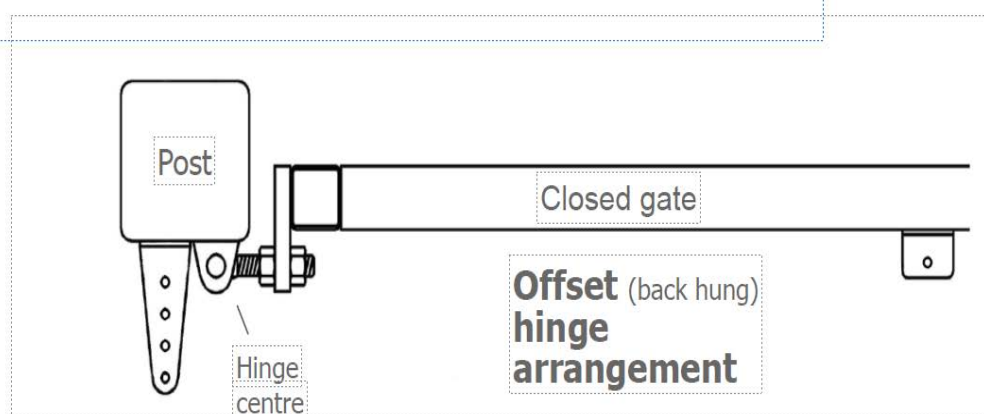
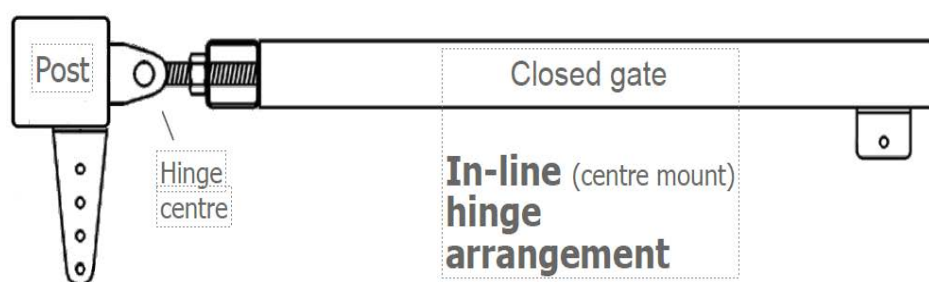
You can either call 01763 245245 or send an email to [sales@lockeydigital.co.uk](mailto:sales@lockeydigital.co.uk)

## In-line hinge arrangement (centre mount)

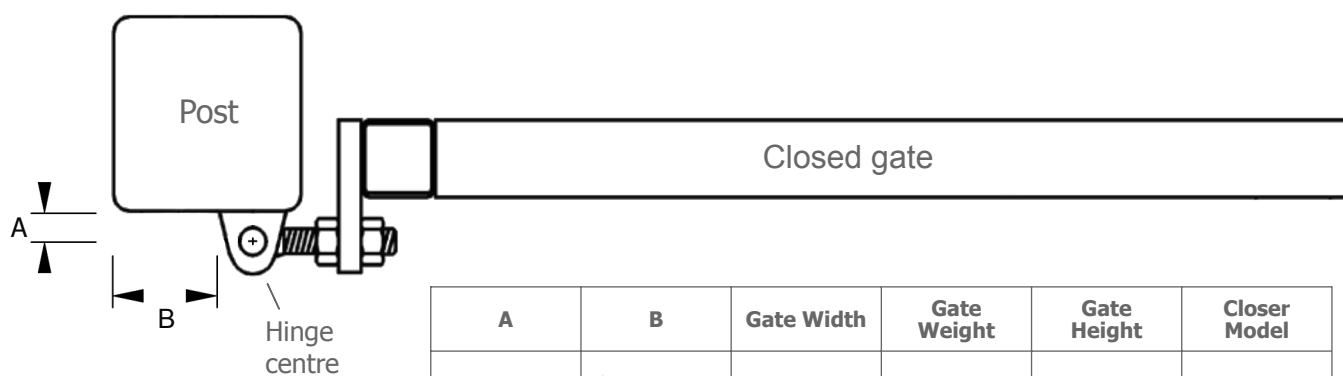


A	B	C	Gate Width	Gate Weight	Gate Height	Closer Model
20-50 mm	Min. 10 mm Max. 50 mm	Min. 50 mm	0.8 to 1.2 m	Up to 80 kg	Up to 1.8 m	200
20-50 mm	Min. 10 mm Max. 50 mm	Min. 50 mm	1.2 to 1.5 m	Up to 100 kg	Up to 1.8 m	400
20-50 mm	Min. 10 mm Max. 50 mm	Min. 50 mm	1.5 to 2.0 m	Up to 150 kg	Up to 1.8 m	600

## Examples of In-line and Off-set



### Off-Set hinge arrangement (back hung)



A	B	Gate Width	Gate Weight	Gate Height	Closer Model
Max. 50 mm	Min. 50 mm	0.8 - 1.2 m	Up to 50 kg	Up to 1.8 m	200
Max. 50 mm	Min. 50 mm	1.2 - 1.5 m	Up to 80 kg	Up to 1.8 m	400
Max. 50 mm	Min. 50 mm	1.5 - 2.0 m	Up to 150 kg	Up to 1.8 m	600

## Before Starting

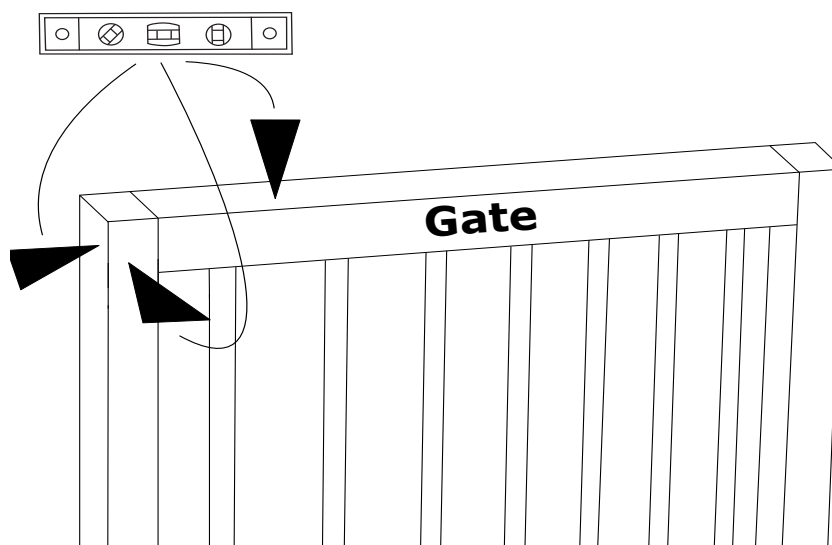
Having purchased a Lockey pedestrian gate closer, please follow the step-by-step instructions to complete installation. This closer is suitable for in-line hinge arrangements as shown in the instructions. If the gate has a different hinge arrangement, please contact us using the contact details shown below.

Check gate moves freely removing any rust and debris from hinges, particularly ground pivots.

Using a spirit level, check gate is hung both vertically and horizontally (check by placing a spirit level at the points indicated on drawing).

Check for hinge wear and repair if necessary. Grease hinges when in good condition.

Select appropriate fasteners for attaching brackets to timber or metal gate and post, unless brackets are to be welded in place.

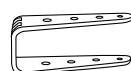


## Components

Gate closer fitted with clamp x 1



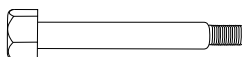
Post bracket x 1



Gate bracket x 1



Securing pins x 2



Spacers x 4



Washers x 2



Nuts x 2

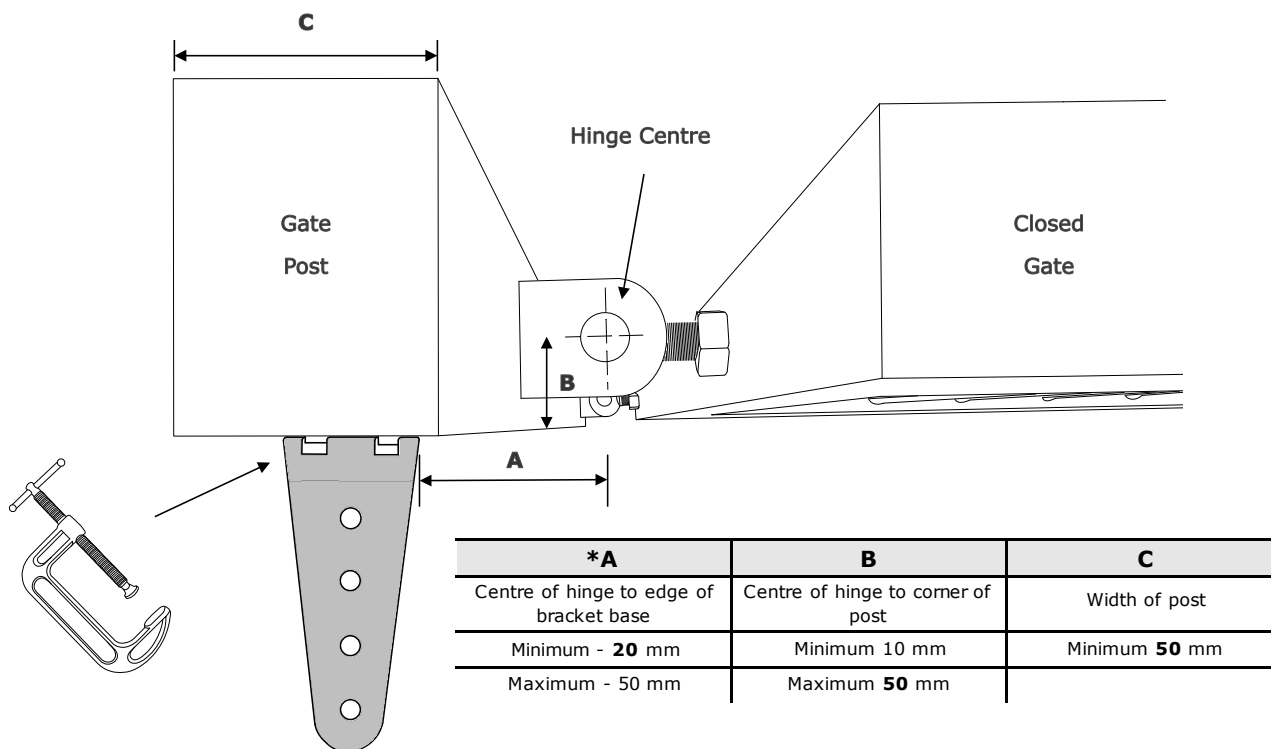


Gate bracket positioning template x 1



Temporarily clamp bracket to gate post as below

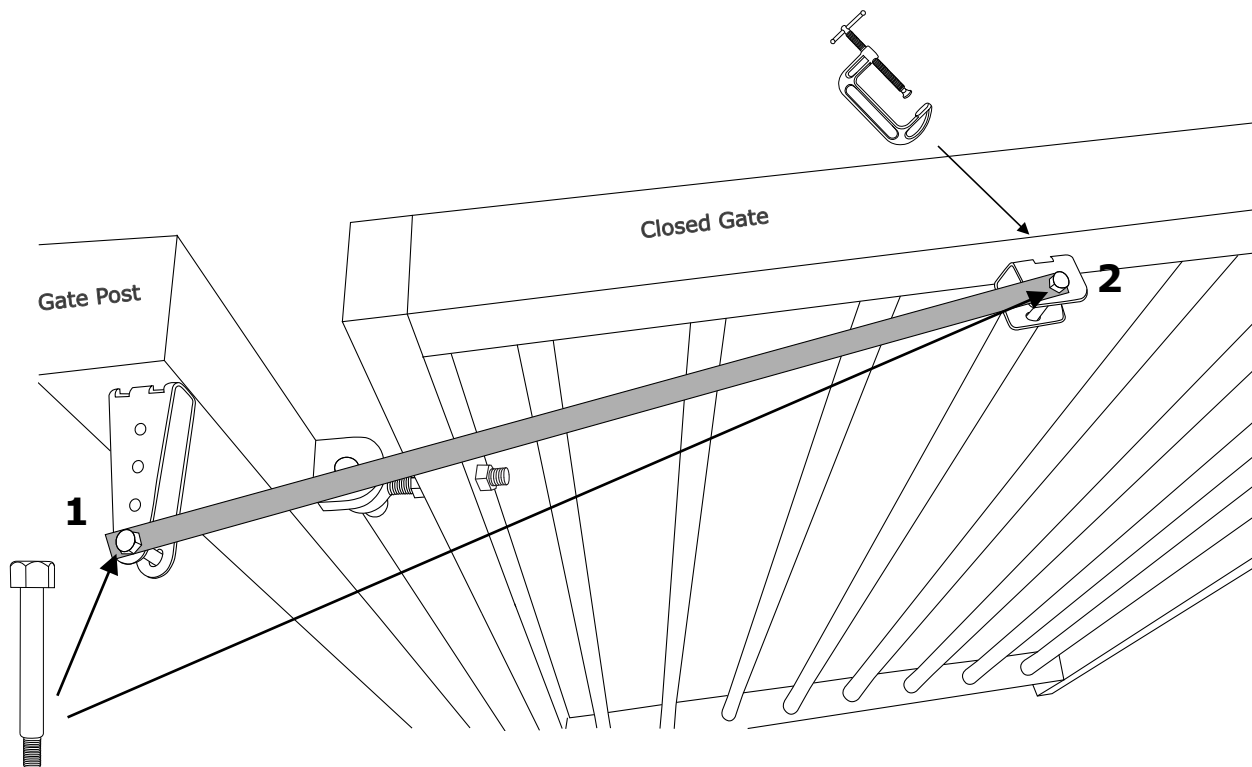
## Step 1



\*Dimension 'A' must be as near to minimum as possible

Temporarily attach bracket to gate with a clamp using the positioning template - insert securing pins in correct order to achieve correct position for the gate bracket

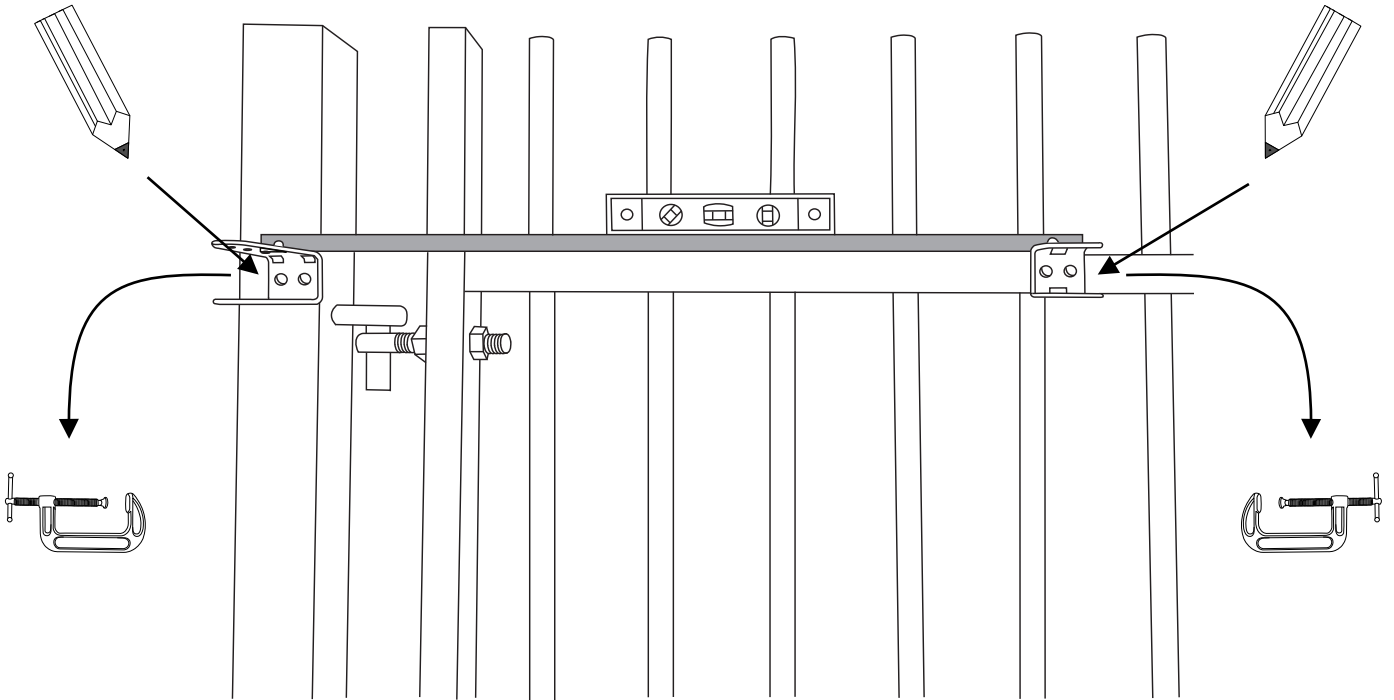
## Step 2



October 2020

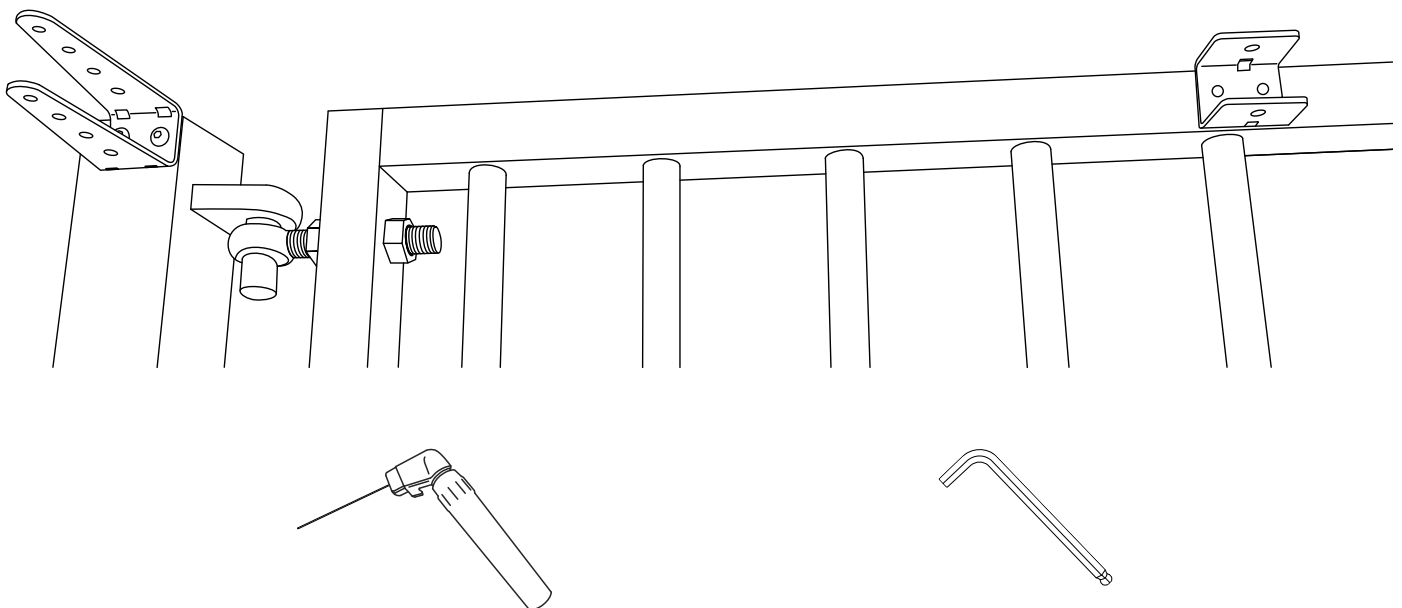
**Check bracket alignment, mark fitting points and remove clamps**

## Step 3



**Attach brackets to post and gate**

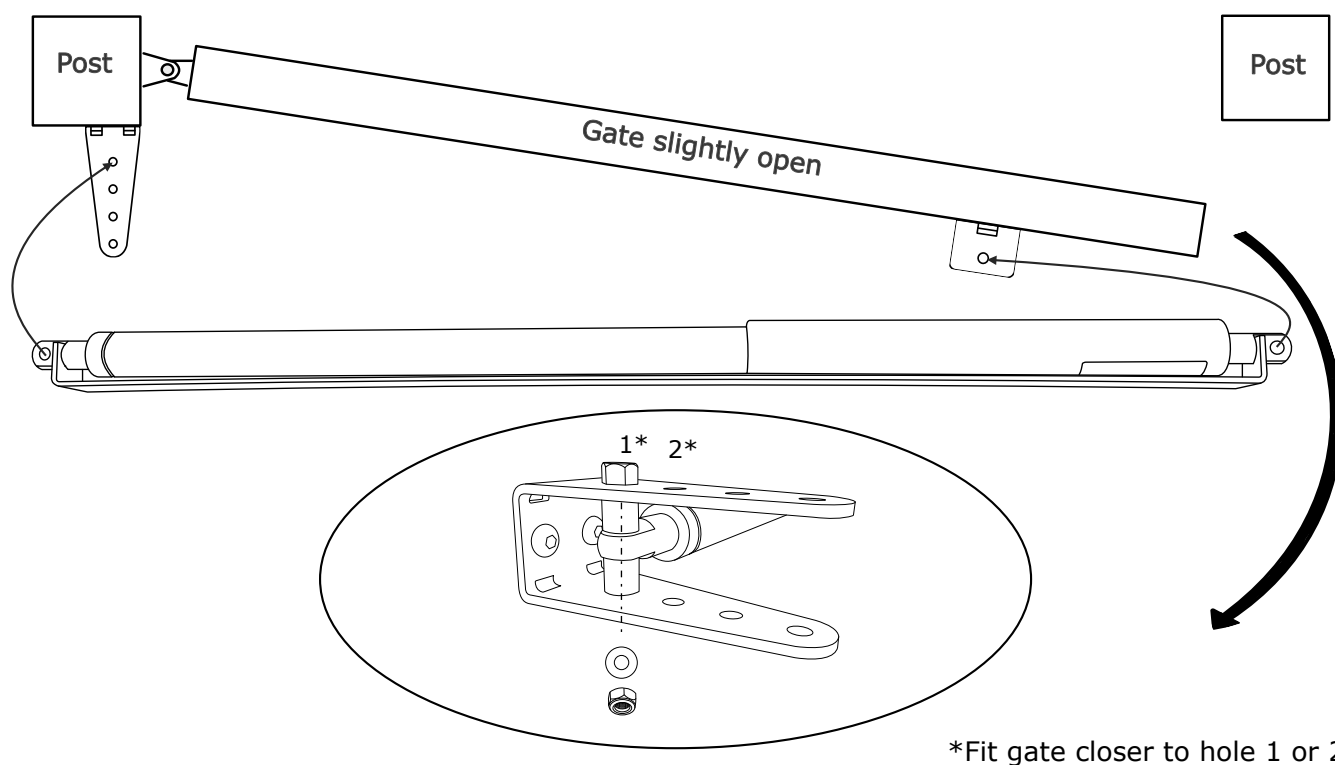
## Step 4



October 2020

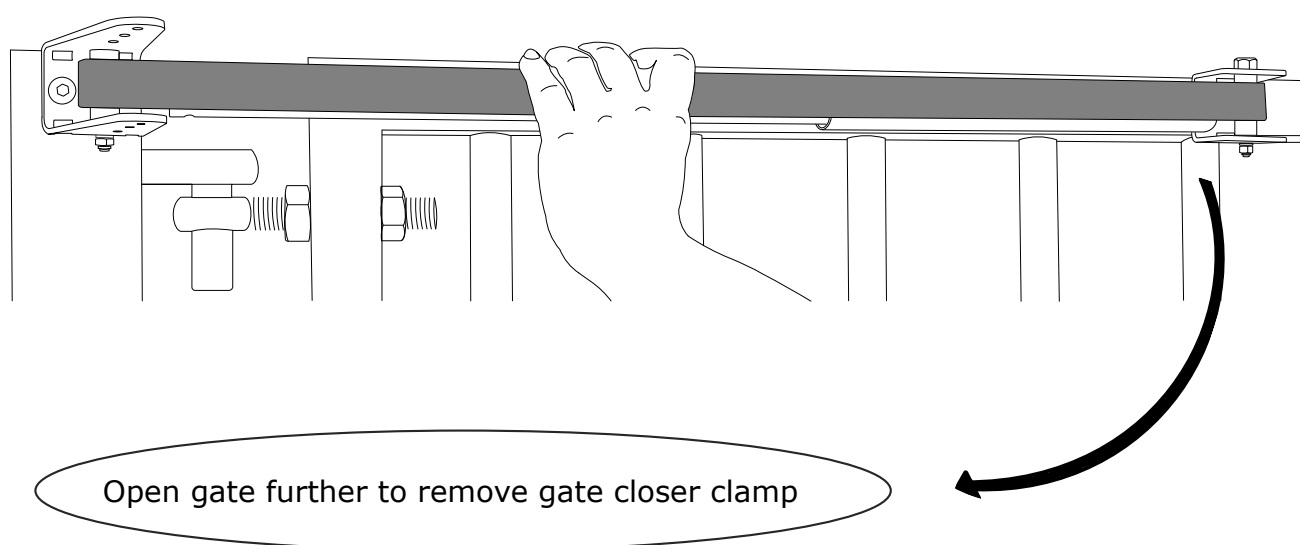
## Attach clamped gate closer

## Step 5



## Remove gate closer clamp

## Step 6



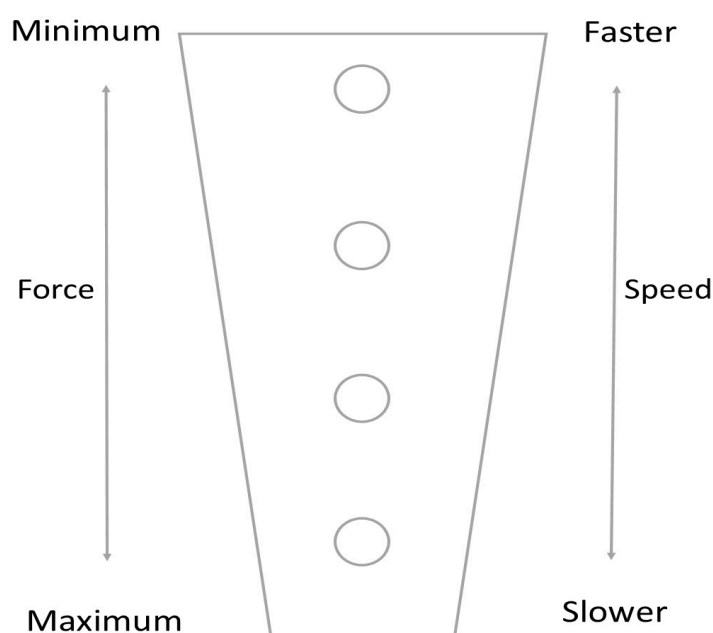
October 2020

## Install gate stop restricting opening angle to 90°

To prevent collision between the gate closer post bracket and possibly the gate post if the gate is forcibly opened beyond 90°, we recommend installing a gate stop to restrict the opening angle of the gate to 90°. We recommend the installation of a gate stop for all gates. I

If you need a gate stop, please call us on 01763 245245 01763 245245.

Please note: To adjust the closing speed and force of the closer movement, move the securing pin in the post bracket as per the diagram.



### Disclaimer

Lockey Digital UK Limited will not accept any liability whatsoever for damage caused by incorrect fitting, misuse, or incorrect assessment of an application. In purchasing this product, the purchaser accepts all responsibility to complete installation in accordance with the installation instructions provided.

October 2020



## **Maintenance**

Periodic maintenance is required to ensure the maximum life of the gate closer and the safety of users. The regularity of maintenance should reflect the frequency of use, environment and the likelihood of vandalism or misuse. Should you require more information about gate closer maintenance, please contact us using the contact details below.

The following checks should be regularly carried out:

1. Check all fastenings are secure
2. Check gate closer, brackets and end fittings are not damaged
3. Fully open gate and make sure the gate closer does not falter when closing the gate and has sufficient force to close the gate at a controlled speed
4. Remove gate closer immediately if it malfunctions in any way or there is any sign of damage or wear to closer or other parts

Important! - Gate closer clamp should be kept for maintenance purposes

## **Usage**

This Lockey pedestrian gate closer is suitable for medium use gates. To ensure the maximum life of the closer, follow these points as closely as possible:

1. Encourage users to allow the gate closer to close the gate and not to push or pull the gate closed
2. Should the gate have a high usage period, it will not damage the closer if the gate is temporarily held open by a drop bolt, hook or similar device

## GCTB175

### Garden Gate Closer

The GCTB175 Garden Gate Closer is an inexpensive gate closer for lightweight gates or doors which provides hydraulically controlled closing speed and final latching speed adjustments. This closer was designed for installation to garden gates and lightweight doors (non fire doors) where the \* gate post or door frame is flush with the gate or door and where the hinge point is at the corner of the gate post or door frame (like a typical internal house door with butt hinges).

If you are a fencing contractor looking to provide your customer with a compact gate closer solution for their new gate, the GCTB175 Garden Gate Closer would be a natural choice. Other common OEM applications are with machine guarding (cage doors), kennels, shed doors, shutters and fly screens and the like.

The Garden Gate Closer's popularity is driven by two things, quick and simple installation and value for money. It's one of the simplest gate closer installations you will find.

Installs on top, middle or bottom of either right or left hand of gate  
Mounts on opening side of gate, pushing it closed



#### Key features:

Simple to install

Adjustable closing speed

Adjustable final latch speed

Suitable for timber or metal gates & doors

90 degree opening angle

Gate weight up to 50 kg (max.)

Gate width up to 1.0 m (max.)

Gate height up to 1.8 m (max.)

Black powder coated steel housing

**\*To retain product warranty & restrict gate opening angle further than the 90 degree limit, a gate stop must be installed**

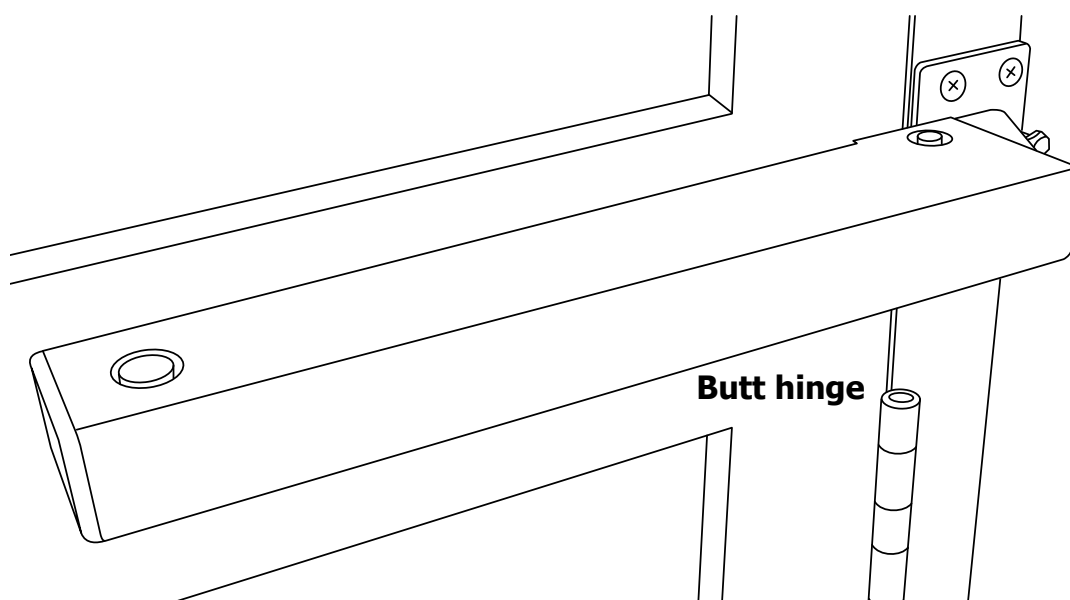
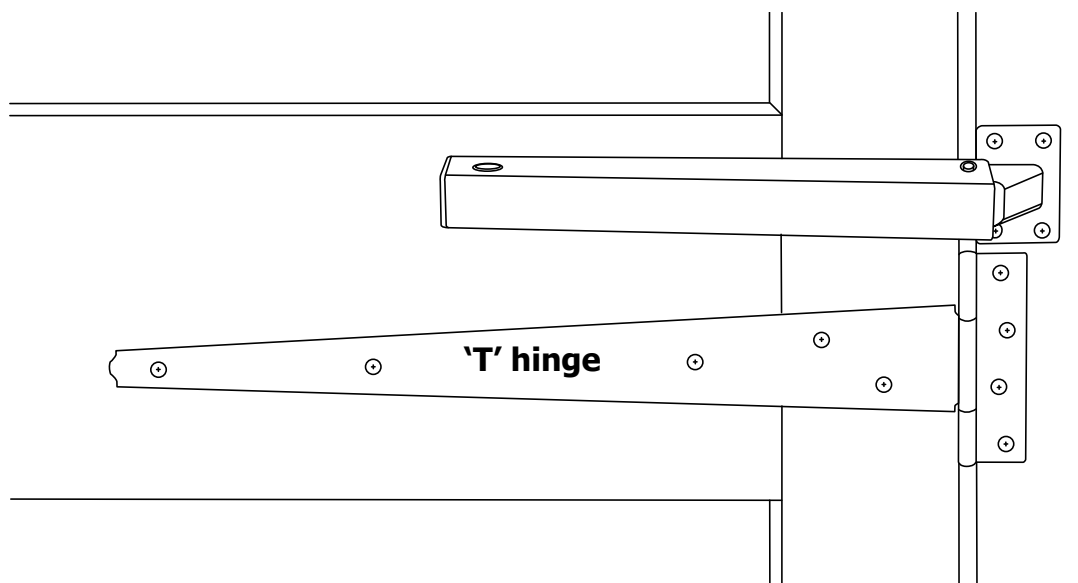
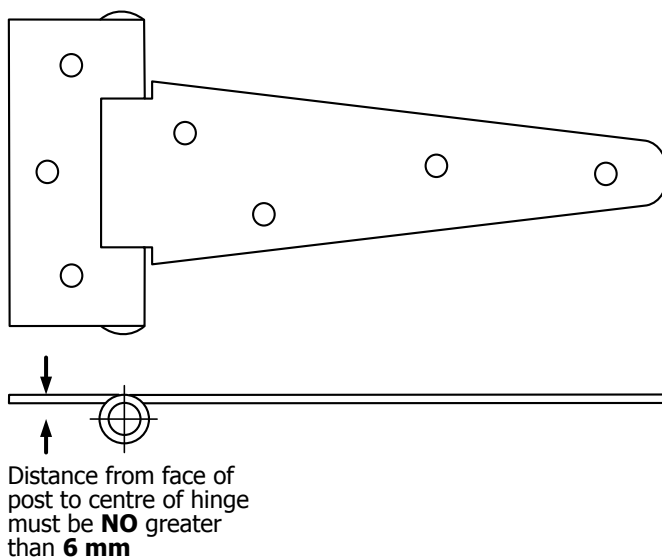
Garden Gate Closer - black  
**GCTB175**

**\* CAUTION -** The Garden Gate Closers are only suitable for installation where the gate post or door frame are flush with the gate or door and the hinge point is on the corner of the post or door (see installation instructions on next page).

## Suitable For 'T' and Butt Hinges Where Gate and Post Are Flush

This gate closer is specifically designed for installing to gates that have two types of hinges, 'T' hinges and butt hinges. Examples of these hinges are shown in the drawings below.

Do **NOT** fit this gate closer to any gate that does not have suitable types of hinges or if the size, weight and dimensions are outside the range shown in the instructions.



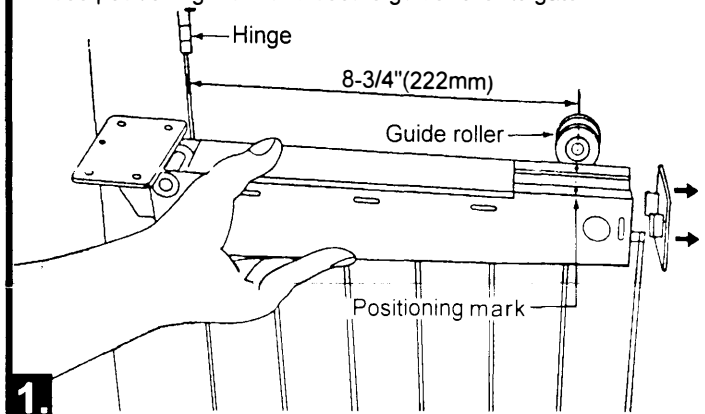
# INSTALLATION INSTRUCTIONS FOR GATE CLOSER

Maximum Gate Weight-50kg

Maximum Gate Width-1000mm

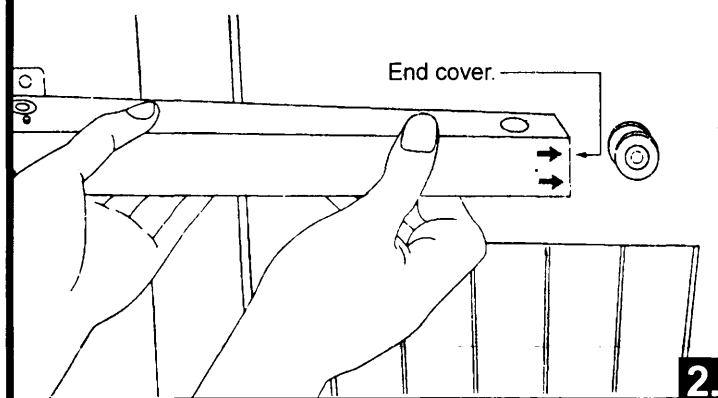
- The pivot point of the closer must be in line with the pivot point of the hinges. It may be necessary to fabricate a bracket to allow the closer to be fitted correctly.
- The closer can be fitted to the top, middle or bottom of the gate on the "pull" side only.
- The gate face must be flush with the gatepost face and hinged as close as possible to the post.
- The gate must swing freely on the hinges prior to fixing the closer and the hinges regularly greased.
- The guide roller must be fitted and it may be necessary to fabricate a bracket to receive the roller.
- The gate must not be allowed to open more than 90° and a ground stop must be fitted if required.
- The holding pin (see fig. 4) must not be removed until the closer is fitted.

1. From the centre pivot line of the hinges, measure 222mm (8-3/4") - see positioning mark and secure guide roller to gate



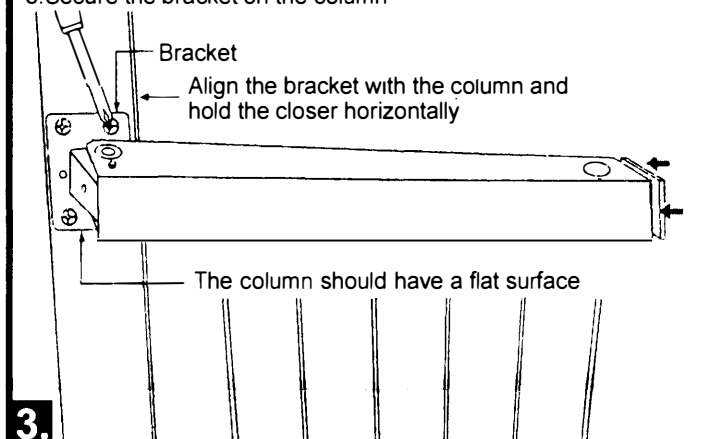
1.

2. Pull off the end cover, slide the closer groove onto the guide roller, then push back the end cover.



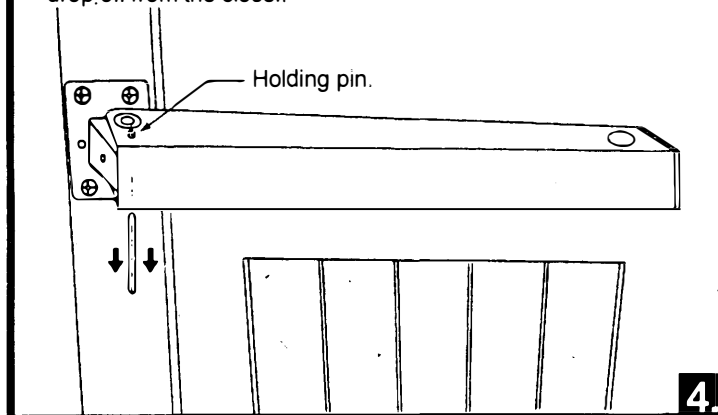
2.

3. Secure the bracket on the column



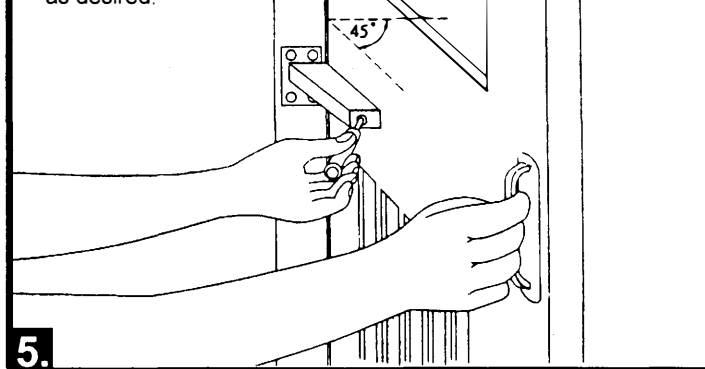
3.

4. Open the door slightly to let the holding pin drop off from the closer.



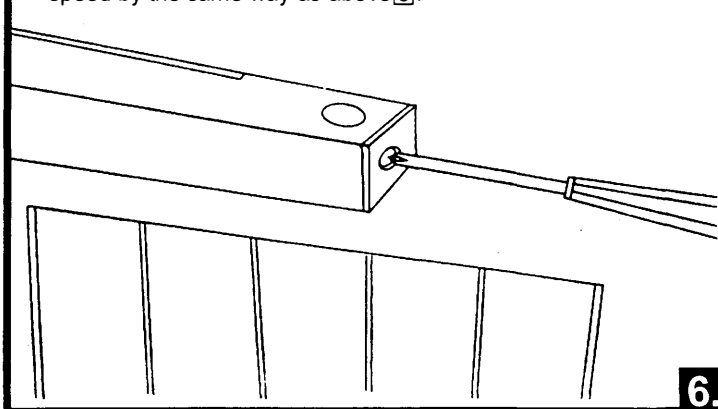
4.

5. Holding the door at about 45° open, use a screwdriver and turn 1/4 circle anti-clockwise or clockwise at a time for faster or slower closing speed as desired.



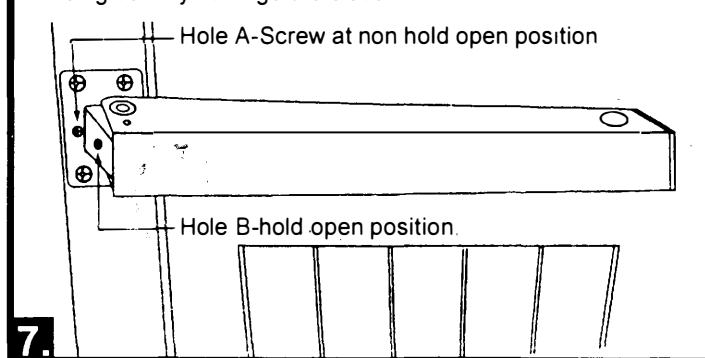
5.

6. Leaving the door at closed position, adjust your desired latching speed by the same way as above 5.



6.

7. To have the door operate with a "Hold open" mode, simply remove the screw from the hole "A" and attach it to hole "B". Do not attempt to force the closer beyond the screw. Doing so may damage the closer.



7.

## Rubber Capped Gate Stop for pedestrian gates

This easy to fit gate stop will provide a solid restriction to a gate's opening angle.

Installation is simple. Drill one hole into the concrete, insert the anchor, and tighten.

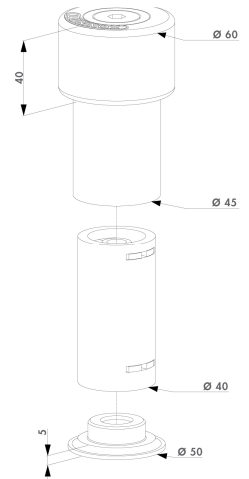
To ensure the stop is at the correct height for each gate, the stop can be adjusted from a height of 60 mm to a maximum of 140 mm.

The gate's paint finish is protected by the rubber cap fitted to the top of the stop which prevents metal-to-metal contact between the stop and the gate.

As installation only requires one simple anchor, this is an ideal gate stop to prevent gate closers being damaged by being forced open too far.

This gate stop will also prevent gates colliding with walls, opening too far on pathways, patios and alleyways.

It's a solid all-round gate stop suitable for most installations.



### Technical Overview:

Aluminium body

Rubber cap fitted to top of stop

Height adjustable between 60 and 140 mm

An M12 anchor is included with stop

### Ordering Details

Product Code: GATESTOP

### Description

Rubber capped gate stop