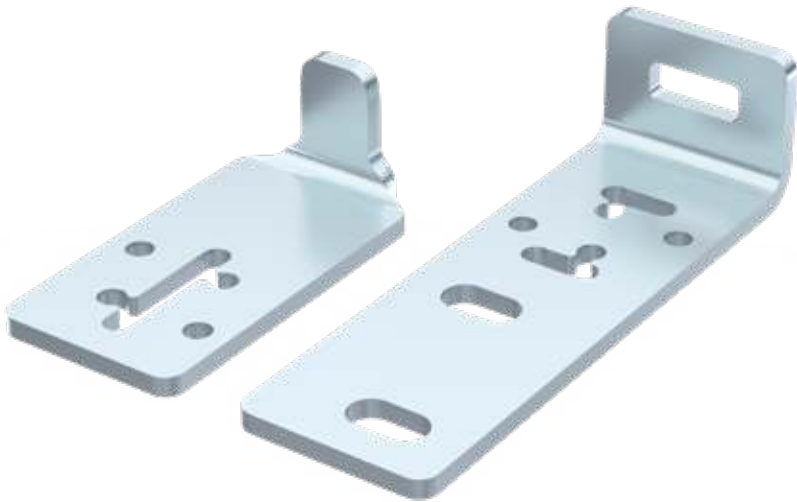


ANTI-LIFT BRACKETS INSTALLATION MANUAL



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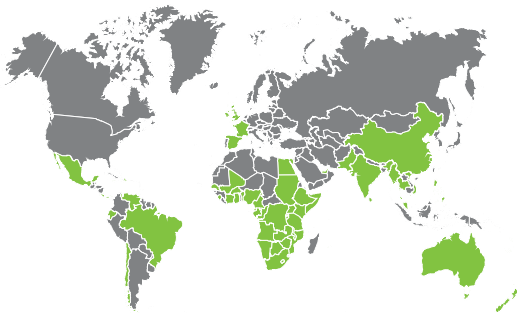
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Icons used in this manual



This icon indicates tips and other information that could be useful during the installation.



This icon denotes variations and other aspects that should be considered during installation.



This icon indicates warning, caution or attention! Please take special note of critical aspects that MUST be adhered to in order to prevent injury.

1. Introduction

Anti-lift brackets play a critical role in the mechanical security of sliding gate systems, serving as a physical barrier that prevents the gate from being forcibly lifted off its track. Constructed from mild steel and plated for added corrosion protection, **CENTURION Anti-Lift brackets** are engineered for straightforward installation. From a security perspective, **Anti-lift brackets** significantly enhance resistance to tampering and forced entry by mechanically securing the gate within its designated path of travel. This added layer of protection is crucial in environments where perimeter integrity is a priority. By incorporating **Anti-lift Brackets** into a sliding gate system, installers and property owners alike benefit from a cost-effective solution that reinforces the physical security.

2. Specifications

2.1. Physical Dimensions

2.1.1. Locking Bracket

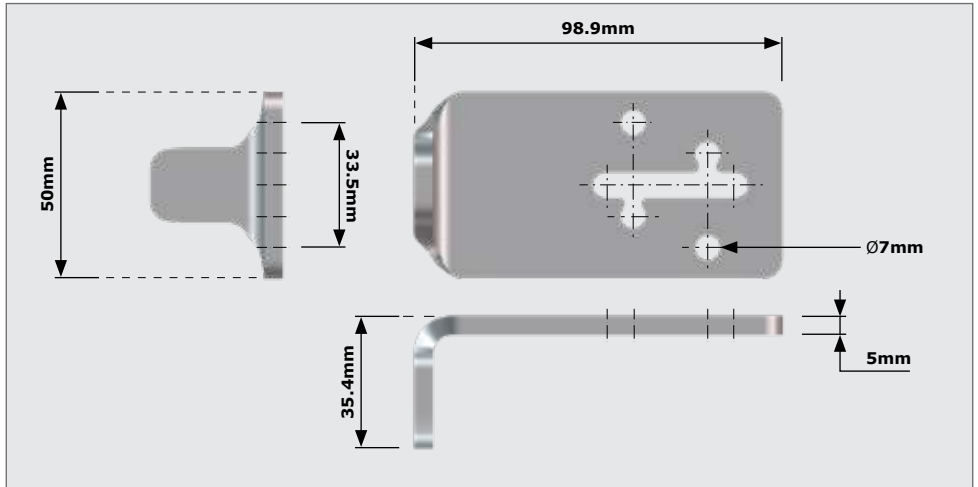


FIGURE 1. OVERALL DIMENSIONS FOR LOCKING BRACKET

2.1.2. Holding Bracket

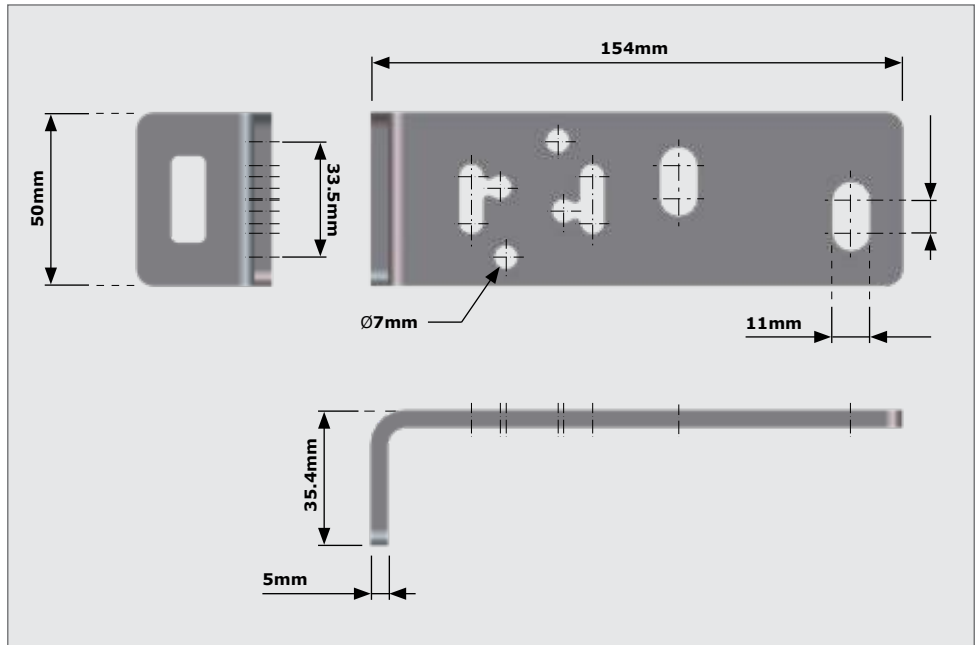


FIGURE 2. OVERALL DIMENSIONS FOR HOLDING BRACKET

3. Product Identification

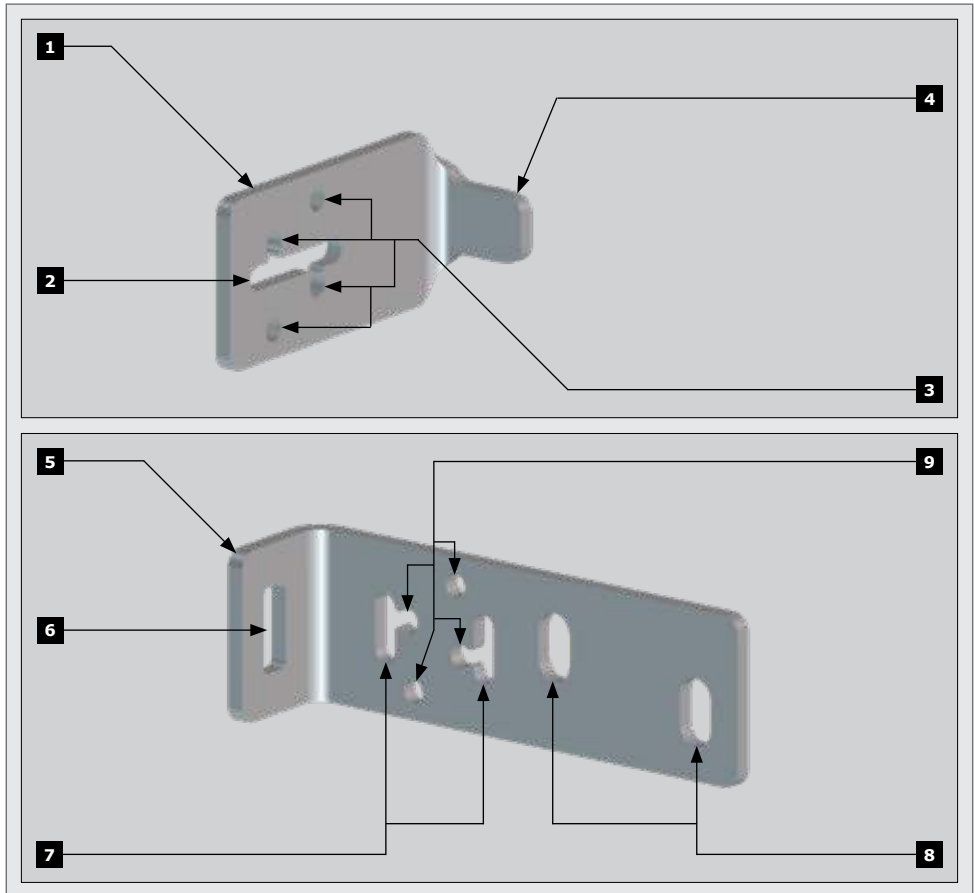


FIGURE 3. PRODUCT IDENTIFICATION

- | | |
|-----------------------------------|---|
| 1. Locking Bracket | 5. Holding Bracket |
| 2. 7mm Horizontal Adjustment Slot | 6. Locking Slot |
| 3. 7mm Position-securing Holes | 7. 7mm Vertical Adjustment Slots |
| 4. Locking Pin | 8. 11mm Masonry Position-securing Holes |
| | 9. 7mm Position-securing Holes |

4. Required Tools and Equipment

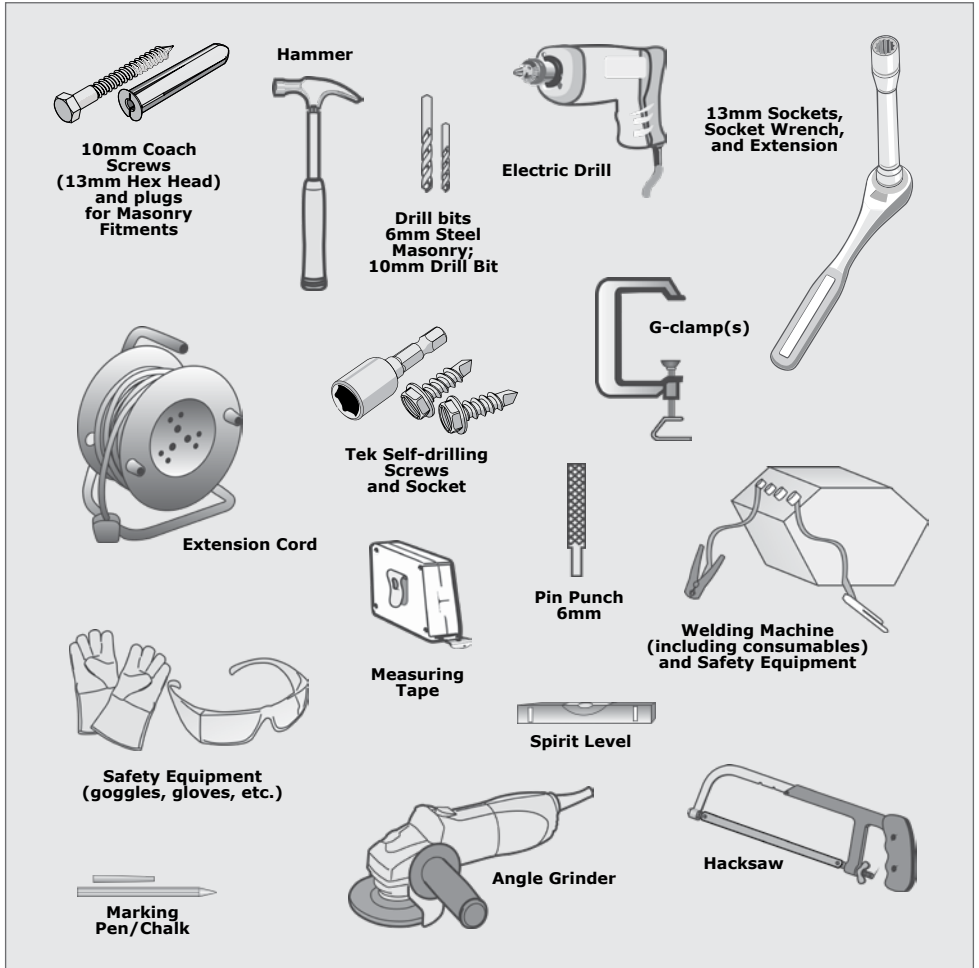


FIGURE 4. REQUIRED TOOLS AND EQUIPMENT

5. Installation



Fasteners and Hardware is not included with this kit.

5.1. Recommended Hardware for Installation

5.1.1. Mounting the Anti-lift Brackets to Steel

Welding is the preferred method in which to mount the **Anti-lift Brackets** to the Gate and Uprights.

If for whatever reason this is not possible, High quality Tek Self-drilling screws, and/or Rivet Nuts are recommended to mount the **Anti-lift Brackets** to steel.

5.1.2. Mounting the Holding Bracket to Walls

If the **Holding Bracket** needs to be fixed to a wall, the use of Coach Screws and Wall Plugs or M10 Expansion bolts is recommended. Larger position-securing holes have been provided for this method. Refer back to Section 3 "*Product Identification*".

5.2. Mounting Position



It is imperative that the Anti-Lift Brackets be mounted at the closest possible point to the Gate Operator when the gate is in the Closed position, and in a location where they cannot easily be tampered with.

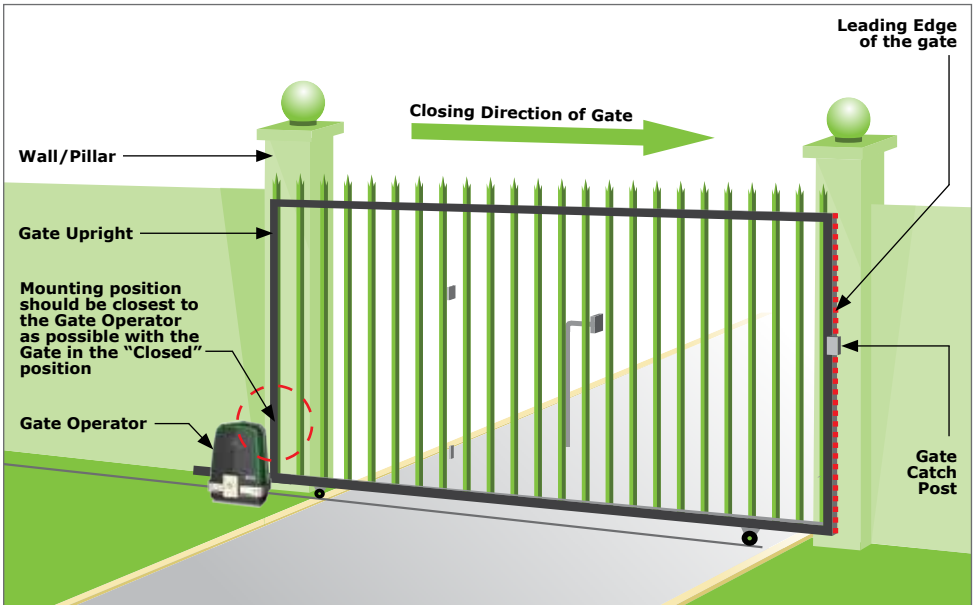


FIGURE 5. MOUNTING POSITION

5.3. Mounting Orientation Options

The **Anti-lift Brackets** can be installed in various orientations, depending on the site. Below are a few recommended orientations for optimal performance;

5.3.1. Steel Uprights

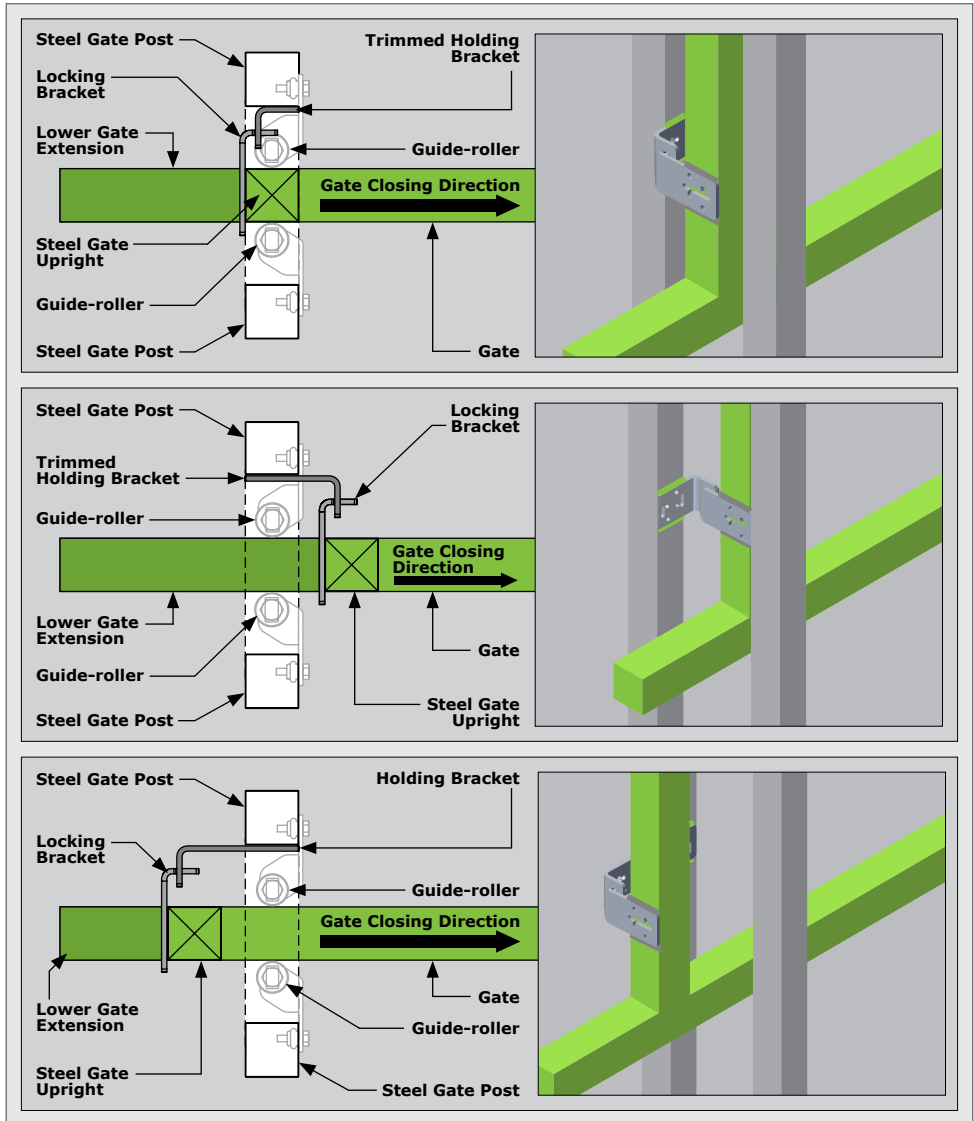


FIGURE 6

5.3.2. Walls

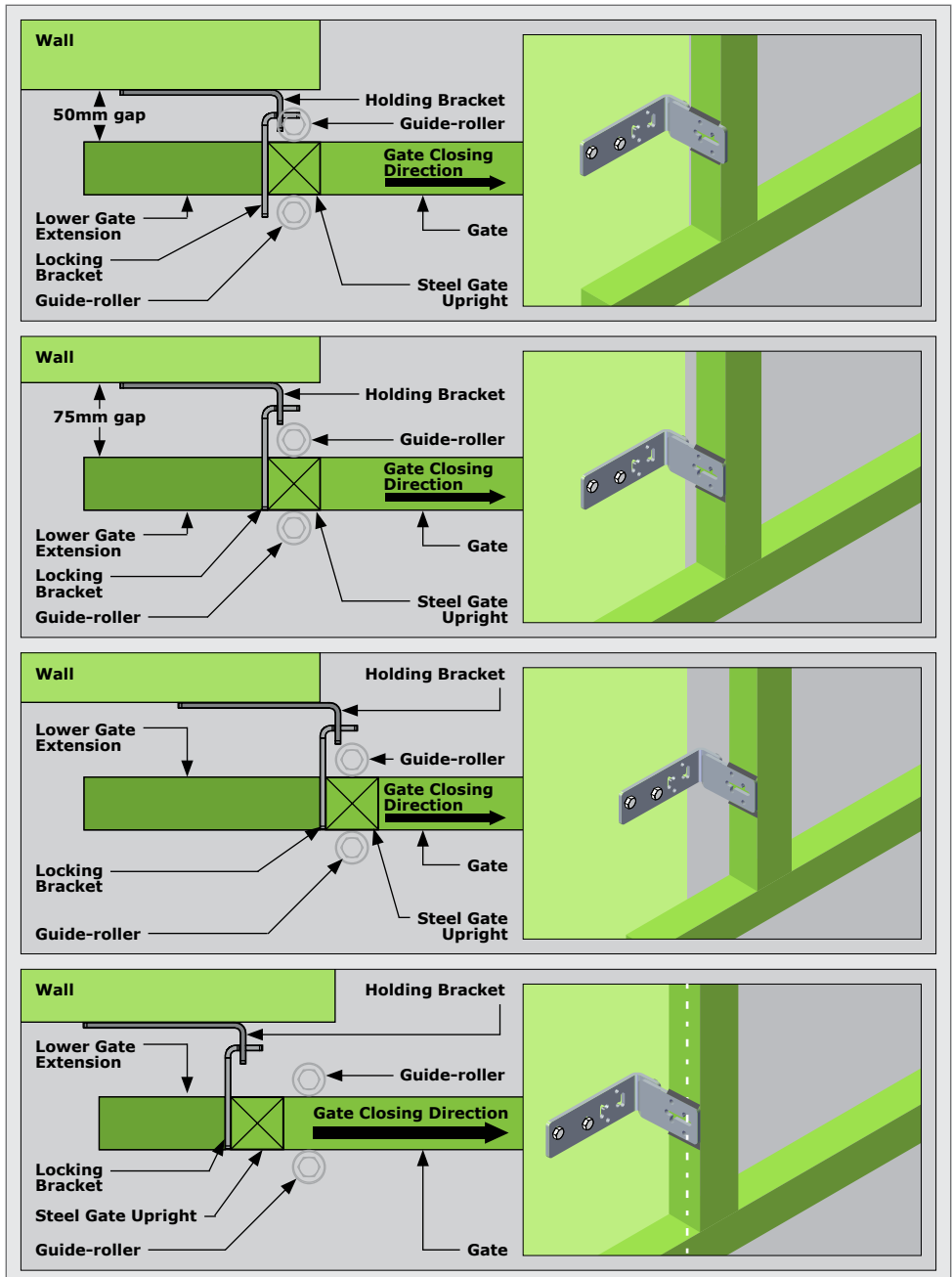


FIGURE 7

5.4. Mounting the Anti-lift Brackets into position



It is imperative that the Anti-Lift Brackets be mounted at the closest possible point to the Gate Operator when the gate is in the Closed position, and in a location where they cannot easily be tampered with.

Test fit the **Anti-lift Brackets** to find the optimal mounting position and orientation for the site.

There may be interference with Gate Operators that make use of Origin Magnets. In these cases, it is recommended to mount the **Anti-lift Brackets** higher on the Wall/ Support Post to avoid interference. (no more than **1 meter** above the Gate Operators pinion).

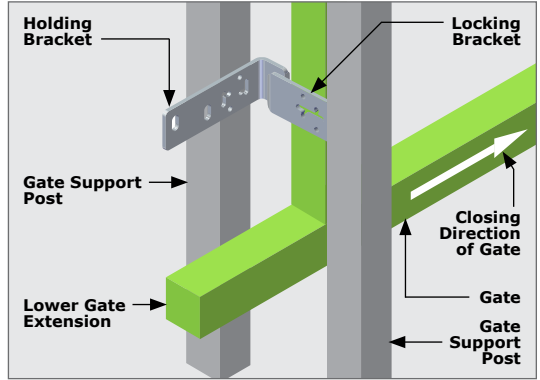


FIGURE 8

Mounting the Holding Bracket

Mark the position of the **Holding Bracket** on the Wall / Support post.

There are three options in which to mount the **Holding Bracket** into position.

1. Welding the **Holding Bracket** onto the Support Post of the Gate (Highly recommended)
- See Figure 9.



Cut off any access material from the **Holding Bracket** to make the installation neater.

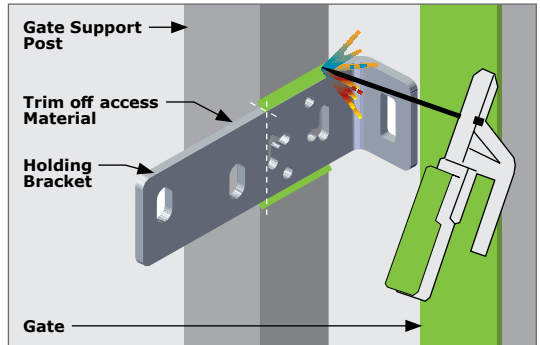


FIGURE 9. SUPPORT POST - WELDED

2. Using four M6 high-quality Tek screws to mount the **Holding Bracket** onto the Support Post. Four 7mm Position-securing Holes have been provided. See Figure 10.



Cut off any access material from the **Holding Bracket** to make the installation neater.

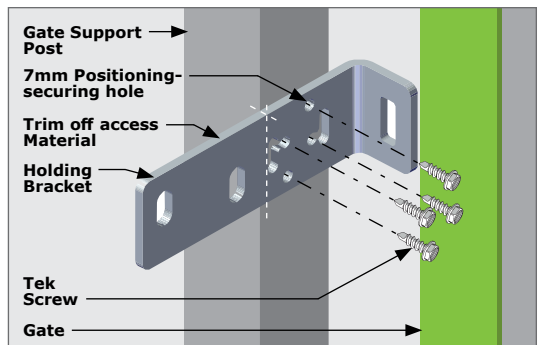


FIGURE 10. SUPPORT POST - FASTENERS



If necessary, fine-tuning the position of the **Holding Bracket** can be achieved by shifting it along the Vertical Adjustment Holes on the **Holding bracket**.

- Using two M8 Coach Screws and Wall Plugs to mount the **Holding Bracket** onto a wall. Two 11mm Masonry Position-securing Holes have been provided. See Figure 11.



If necessary, fine-tuning the position of the **Holding Bracket** can be achieved by shifting it along the Vertical Adjustment Holes on the **Holding bracket**.

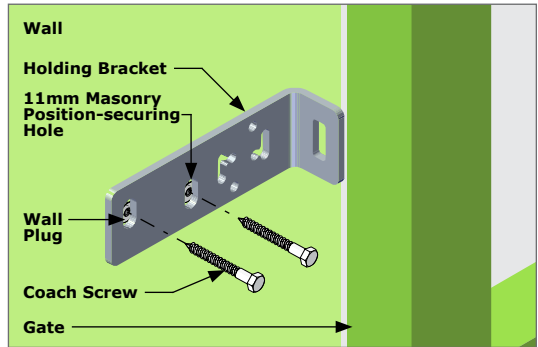


FIGURE 11. WALL - FASTENERS

Mount the **Holding Bracket** in position using one of the preferred methods above.

Mounting the Locking Bracket

Test-fit the **Locking Bracket** onto the Gates upright,

The Locking Pin on the **Locking Bracket** must line up and slot into the Locking Slot of the **Holding Bracket**.

Ensure that there are no catch points during the Gates movement.

Mark the position of the **Locking Bracket** on the gate.

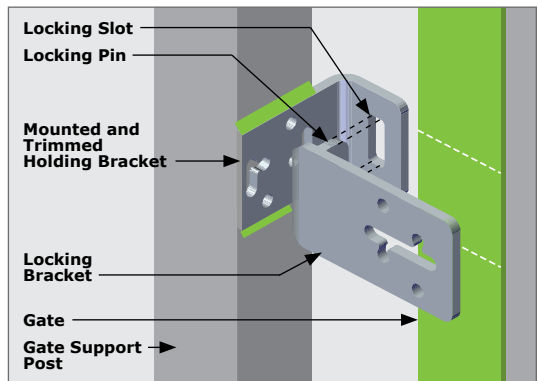


FIGURE 12

There are two options in which to mount the **Locking Bracket** into position.

- Welding the **Locking Bracket** onto the Gate (Highly recommended) - See Figure 13.

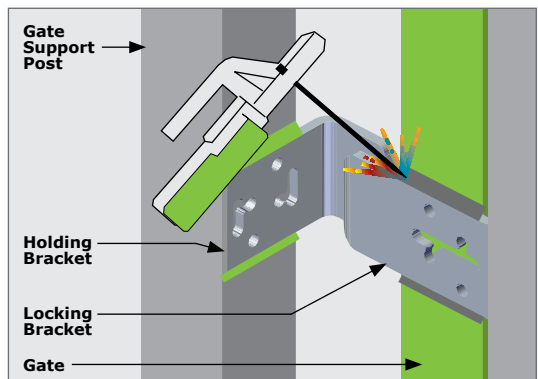


FIGURE 13. SUPPORT POST - WELDING

- Using four M6 high-quality Tek screws to mount the **Locking Bracket** onto the Gate. Four 7mm Position-securing Holes have been provided. See Figure 14.



If necessary, fine-tuning the position of the **Locking Bracket** can be achieved by shifting it along the Horizontal Adjustment Holes on the **Locking bracket**.

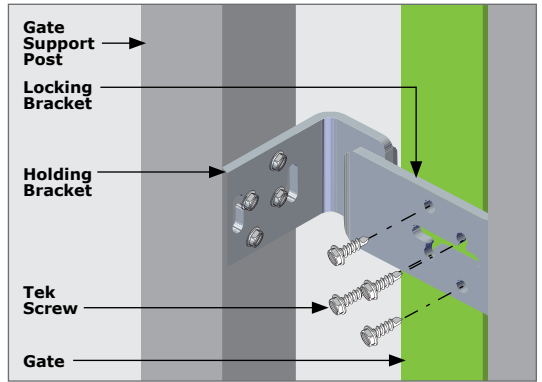


FIGURE 14. SUPPORT POST - FASTENERS

Secure the **Locking Bracket** onto the gates upright using one of the preferred methods above. Run a full test cycle (Open and Close) of the Gate to ensure that the **Anti-Lift Brackets** are installed and work correctly, and that there is no interference with the function of the Gate Operator and movement of the Gate.

6. Additional Recommendations

Some sites may require the need of a second set of **Anti-lift Brackets** on the Leading Edge of the gate. These would typically be sites where there is no Catch Post installed on the closing side of the gate.

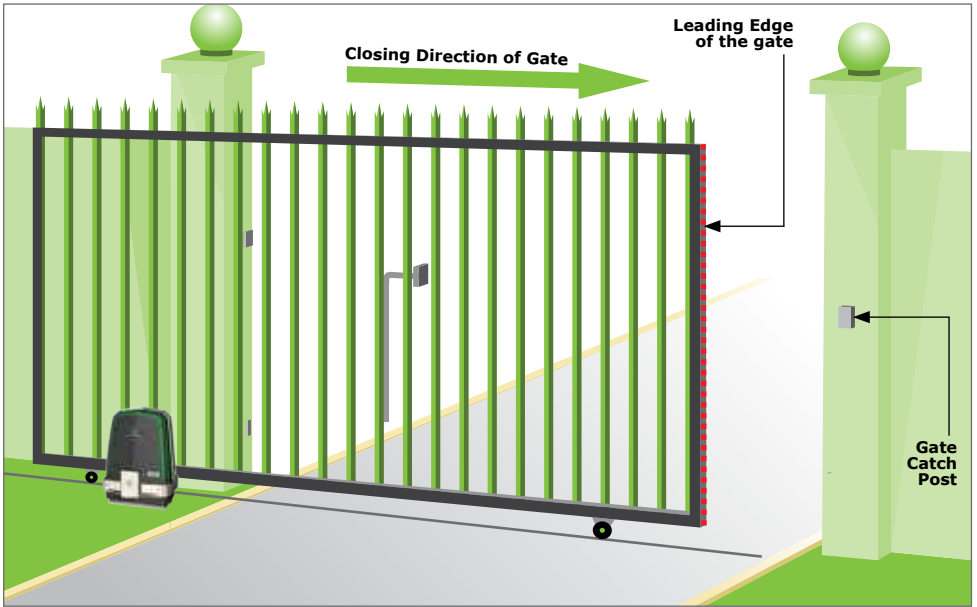


FIGURE 15

Figure 16 shows the orientation of how a second set of **Anti-lift Brackets** should be installed on the Leading Edge of the Gate with the closing direction to the right, looking out from inside of the property.



The second set of **Anti-Lift brackets** should be installed at the same height as the set installed on the other side of the Gate.

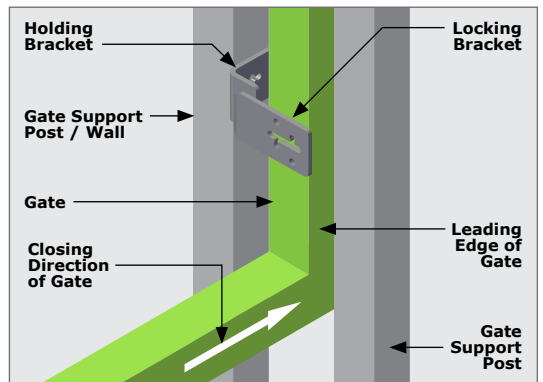










FIGURE 16



For further Gate Security, or as an optional accessory, the installation of a **CENTURION GLX900 Gate lock** is also recommended.



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