

## LukLoy Glass Railing Spigot

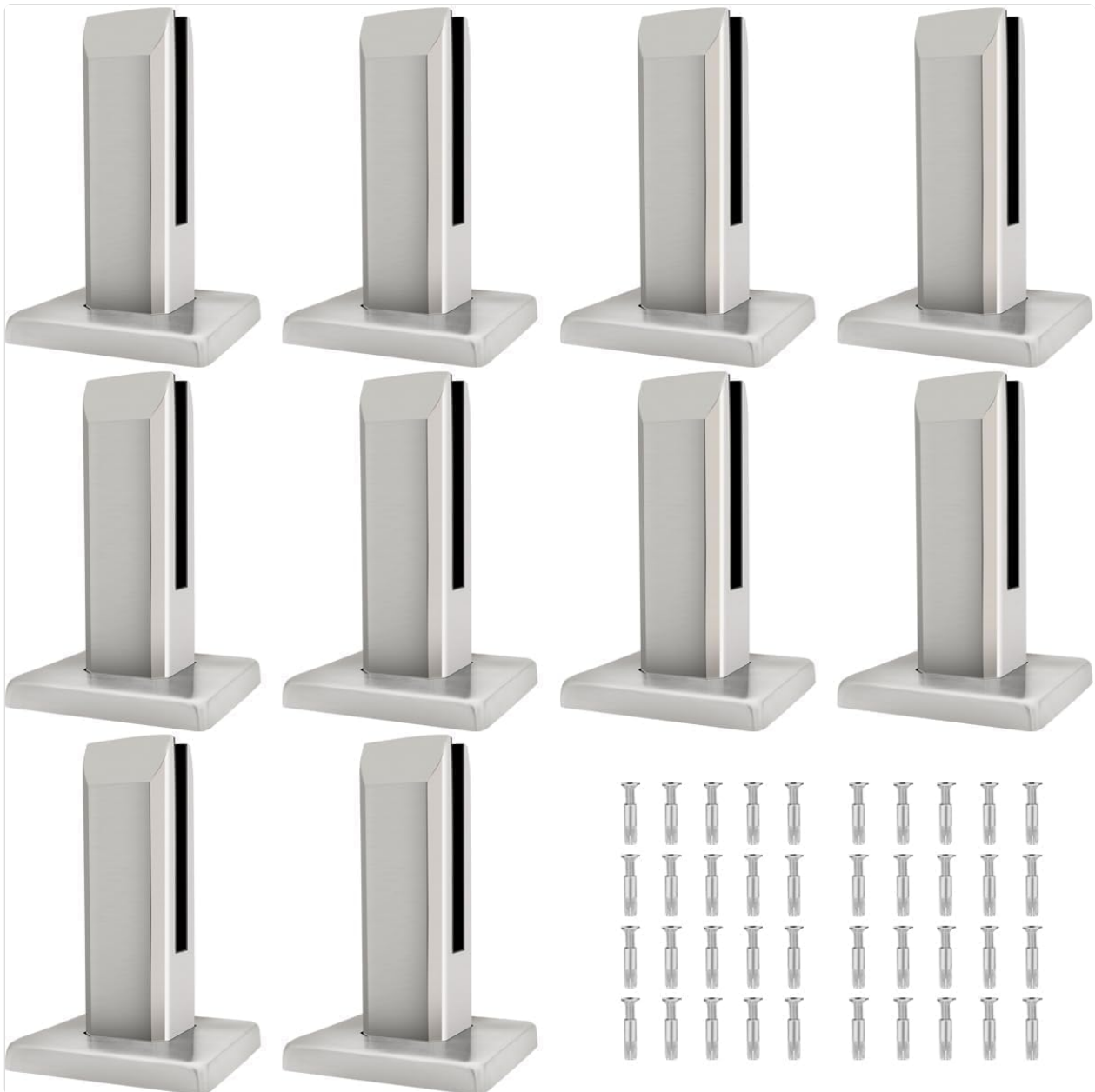
# LukLoy 304 Stainless Steel Square Glass Spigots Instruction Manual

Model: Glass Railing Spigot

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your LukLoy 304 Stainless Steel Square Glass Spigots. These spigots are designed for securing glass panels in various applications such as pool fences, garden railings, stair balustrades, and balcony glass floors. Constructed from high-quality SS304 stainless steel, they offer durability and corrosion resistance for inland projects.

The integral casting design enhances strength and stability, providing a robust solution while maintaining a sleek appearance. Each spigot is designed for glass thicknesses of 8mm, 10mm, and 12mm, allowing for easy, no-drill installation on the glass panels themselves.



*Image: Overview of ten LukLoy 304 Stainless Steel Square Glass Spigots and included mounting hardware.*

## 2. SAFETY INFORMATION

Prioritizing safety is crucial for any glass railing installation. Adhere to the following guidelines to ensure a secure and stable structure:

- **Weight Requirement:** For optimal safety and stability, especially against wind and side pressure, use spigots with a net weight of at least 900g (2lb) and a total package weight over 1200g (2.6lb). Lighter spigots may not withstand external forces, leading to tilting and potential hazards.
- **Material Selection:** SS304 stainless steel is suitable for inland projects. For coastal environments or areas with higher corrosive exposure, consider LukLoy SS2205 or SS316 spigots for enhanced corrosion resistance.
- **Glass Thickness:** Ensure the glass panels used are tempered and within the compatible thickness range of 8mm, 10mm, or 12mm.
- **Secure Installation:** Always ensure all screws and fasteners are tightened according to the installation instructions to prevent movement or instability of the glass panels.
- **Professional Consultation:** If unsure about any aspect of installation or structural integrity, consult with

a qualified professional.

## Skip the Risks of Lighter-Weight Spigots



Quality You Can Trust-We prioritize quality over lighter weight to ensure your safety

- ✓ **Integrated Strong Design**
- ✓ **Net Weight : 2.07-2.16lb**
- ✓ **Package Weight : 2.86lb/piece**



Other lighter spigots can't withstand wind or side pressure, causing tilt and potential damage or danger.

- ✗ **Easily deformed**
- ✗ **Net Weight  $\leq$  1.76lb(800g)**
- ✗ **Package Weight  $\leq$  2.2lb(1kg)**

Image: Illustration emphasizing the importance of heavy-duty spigots for safety and stability in glass railing systems.

### 3. PACKAGE CONTENTS

Each LukLoy 304 Stainless Steel Square Glass Spigot package typically includes the following components:

- Square Glass Spigot (SS304)
- Decorative Cover
- Rubber Gaskets (for glass protection)
- Concrete Floor Screws (for mounting to concrete surfaces)
- Small set screws (for securing glass within the spigot)

*Note: Additional fasteners for wood or other surfaces may need to be acquired separately, as the included screws are specifically for concrete.*

# Full Pack with Accessories



Image: Detailed view of the spigot and its accompanying hardware components.

## 4. SPECIFICATIONS

Feature	Detail
Brand	LukLoy
Model Number	Glass Railing Spigot
Material	304 Stainless Steel
Finish	Brushed Stainless Steel
Shape	Square
Item Dimensions (L x W x H)	3.94 x 3.94 x 6.3 inches (100 x 100 x 160 mm)
Item Net Weight (per spigot)	Approximately 960g (2.12 lbs)
Compatible Glass Thickness	8mm, 10mm, 12mm (3/8" - 1/2")

Feature	Detail
Included Components	Spigot, decorative cover, rubber gaskets, concrete floor screws
Applications	Pool fences, garden railings, stair balustrades, balcony glass floors

# Product Dimension

Suitable for 10mm -12.7mm (3/8"-1/2") glass



Image: Product dimension diagram for the LukLoy Glass Spigot.

## 5. SETUP AND INSTALLATION

Follow these steps for proper installation of the LukLoy Glass Spigots. It is recommended to have assistance when handling large glass panels.

- 1. Prepare the Mounting Surface:** Ensure the concrete floor or other mounting surface is clean, level, and structurally sound. Mark the precise locations for each spigot, considering glass panel dimensions and spacing.
- 2. Mount the Spigot Base:**
  - Position the spigot base at the marked location.
  - Use the included concrete floor screws to securely fasten the spigot base to the surface. If installing

on wood, use appropriate structural wood screws (not included). Ensure the spigot is level and firmly attached.

### 3. Insert Glass Panels:

- Loosen the set screws on the side of the spigot.
- Insert the rubber gaskets into the spigot's glass slot to protect the glass and provide a snug fit.
- Carefully lower the glass panel into the spigot's slot. Ensure the glass is centered and rests properly on the bottom support.
- Repeat for all glass panels, leaving spigots slightly loose until all panels are in place.

### 4. Secure the Glass:

- Once all glass panels are positioned, adjust them for proper alignment and spacing.
- Tighten the set screws on each spigot to firmly clamp the glass panel. Do not overtighten, but ensure the glass is secure and does not wobble.
- Install the decorative cover over the base of each spigot to conceal the mounting hardware.

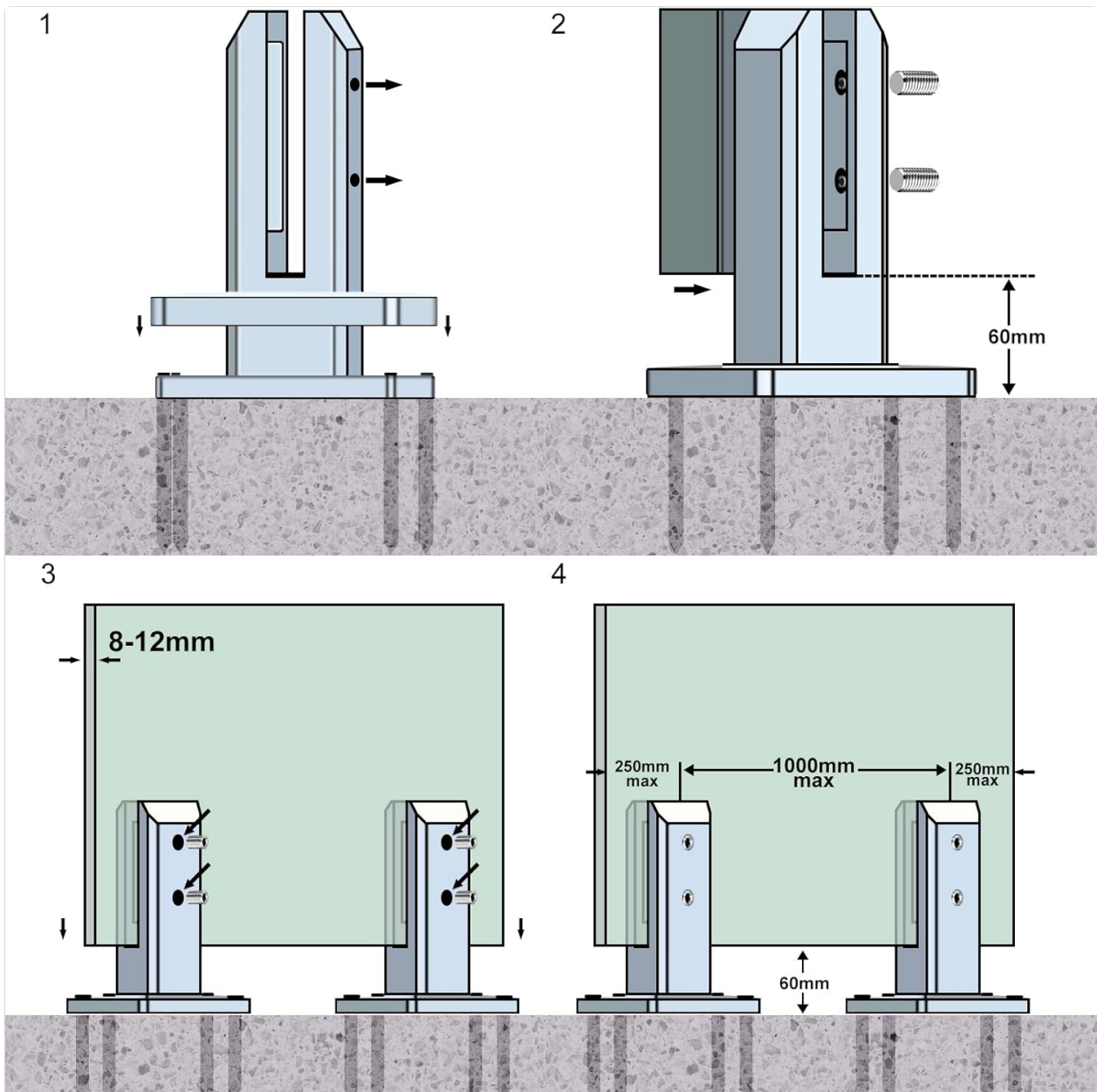


Image: Step-by-step installation guide for glass spigots.

## 6. MAINTENANCE

Regular maintenance will help preserve the appearance and functionality of your stainless steel glass spigots.

- **Cleaning:** Clean the stainless steel surfaces periodically with a soft cloth and mild soap and water. Avoid abrasive cleaners or harsh chemicals that can scratch the finish or compromise the material.
- **Rust Prevention:** While 304 stainless steel is corrosion-resistant, it is not entirely rust-proof, especially in certain environments or if exposed to corrosive substances. For enhanced protection, particularly in outdoor settings, consider applying a clear coat sealant after cleaning. Inspect for any signs of discoloration or minor rust spots and address them promptly.
- **Hardware Check:** Periodically inspect all screws and fasteners to ensure they remain tight. Re-tighten if any looseness is detected to maintain the stability of the glass panels.
- **Gasket Inspection:** Check the rubber gaskets for wear or damage. Worn gaskets should be replaced to ensure proper glass protection and secure clamping.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
<b>Glass panel wobbles or feels loose</b>	Set screws are not sufficiently tightened; incorrect glass thickness; worn rubber gaskets.	Ensure set screws are tightened firmly. Verify glass thickness matches spigot compatibility. Replace worn rubber gaskets.
<b>Spigot base is not stable</b>	Mounting screws are loose or incorrect type for the surface; uneven mounting surface.	Re-tighten mounting screws. Ensure appropriate screws are used for the surface material (e.g., wood screws for wood). Level the mounting surface if necessary.
<b>Rust spots appear on spigot</b>	Exposure to corrosive elements; lack of regular cleaning; unsuitable material for environment (e.g., SS304 in coastal areas).	Clean regularly with mild soap and water. Apply a clear coat sealant for added protection. For coastal areas, consider upgrading to SS2205 or SS316 spigots.
<b>Missing components upon arrival</b>	Packaging error or loss during transit.	Contact LukLoy customer support for assistance with replacement parts.

## 8. WARRANTY AND SUPPORT

LukLoy is committed to providing quality products and customer satisfaction. While specific warranty details are not provided in this manual, the manufacturer emphasizes a commitment to safety and quality.

For any inquiries, technical assistance, or to report missing/defective parts, please contact LukLoy customer support. Refer to the product packaging or the official LukLoy store on Amazon for contact information.

[Visit the Official LukLoy Store](#)

This manual is for informational purposes only. LukLoy is not responsible for any damages or injuries resulting from improper installation or use of this product.