

Kason K58-CC01

Kason 0058 Safeguard Radial Latch and Strike User Manual

Model: K58-CC01 | Brand: Kason

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Kason 0058 Safeguard Radial Latch and Strike. This product is designed for applications requiring reliable, self-closing action and positive tight closure, commonly found in commercial buildings and high-traffic areas.

Key features include:

- Smooth, easy closure with reliable self-closing action.
- Release mechanism operable from both outside and inside (with Kason inside release handle).
- Compatibility with foam doors and Kason door closers.
- Economical, adjustable solid head strike.
- Integrated padlocking provision, compatible with Master #1 L J Padlock with 5/16" shank.

2. PRODUCT COMPONENTS

The Kason 0058 Safeguard Radial Latch and Strike assembly consists of two primary parts: the latch body and the strike. Understanding each component is crucial for proper installation and function.



Figure 2.1: Overview of the Kason 0058 Safeguard Radial Latch and Strike components.



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Figure 2.2: Detailed diagram highlighting key features such as the adjustable strike, roller strike, die-cast zinc body, polished chrome finish, light spring, and padlocking compatibility.

The latch features a die-cast zinc body with a polished chrome finish, ensuring durability and corrosion resistance. A light spring mechanism facilitates the self-closing action. The adjustable strike allows for precise alignment and secure closure. The design includes pre-drilled holes for easy screw-in installation.



Figure 2.3: Underside view of the latch and strike, illustrating the mounting screw locations.

3. INSTALLATION INSTRUCTIONS

Proper installation is critical for the optimal performance and longevity of the Kason 0058 Safeguard Radial Latch and Strike. This product is designed for screw-in installation.

3.1. Measuring Offset

Before installation, accurately measure the offset to ensure correct alignment between the door and the jamb.

HOW TO

Measure Offset



OPT 1: Measure distance between jamb surface and door's height



OPT 2: Use paper to mark the offset height then measure that distance



Figure 3.1: **Option 1:** Measure the distance directly between the jamb surface and the door's height.

DIMENSIONS

Kason® 0058 SafeGuard® Radial Latch

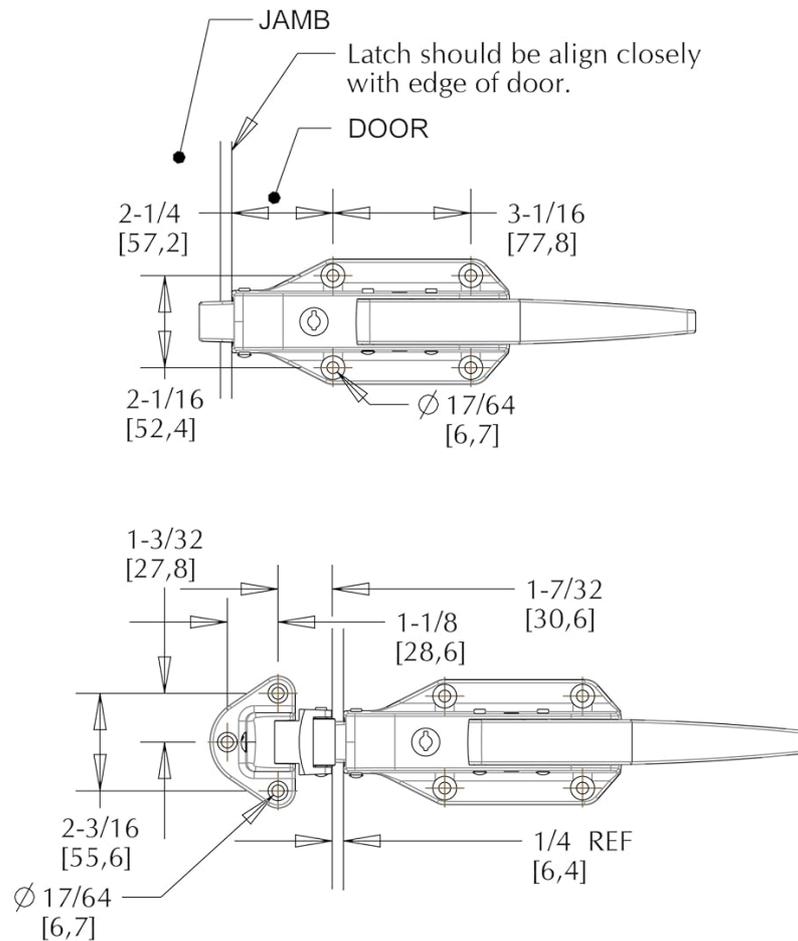
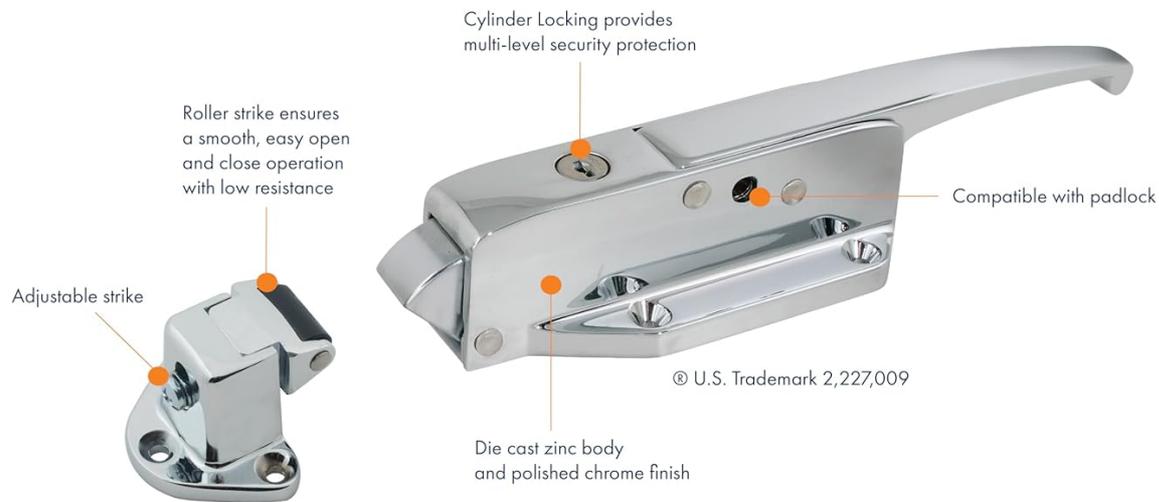


Figure 3.2: **Option 2:** Use a piece of paper to mark the offset height, then measure that distance with a tape measure.

3.2. Mounting the Latch and Strike

1. **Positioning:** Align the latch closely with the edge of the door. The strike should be mounted on the jamb, corresponding to the latch's position. Refer to the dimensions diagram for precise measurements.
2. **Marking:** Mark the screw hole locations for both the latch and the strike.
3. **Drilling Pilot Holes:** Drill appropriate pilot holes for the mounting screws.
4. **Securing Components:** Attach the latch to the door and the strike to the jamb using suitable screws. Ensure both components are securely fastened.
5. **Adjustment:** Test the closure. The strike is adjustable to achieve a positive, tight seal. Make minor adjustments as needed to ensure smooth operation and proper engagement.



- Reliable, self-closing action provides positive air-tight closure with little effort
- Releases with minimum pressure or pull from outside or from inside with Kason inside release handle
- Padlocking provision standard on cylinder locking and non-cylinder models
- Strike sold separately

Figure 3.3: Detailed dimensions for the Kason 0058 Safeguard Radial Latch and Strike, including measurements for jamb, door, and component spacing.

4. OPERATION

The Kason 0058 Safeguard Radial Latch is designed for straightforward and reliable operation.

4.1. Closing the Door

Simply push the door closed. The self-closing action of the latch, facilitated by its light spring, will engage the strike, providing a positive and tight closure with minimal effort.

4.2. Opening the Door

To open the door from the outside, apply minimum pressure or pull on the latch handle. To open from the inside, use a Kason inside release handle (if installed), which allows for quick and easy exit.

4.3. Padlocking Provision

The latch includes a standard provision for padlocking. This feature allows for enhanced security by accepting a

Master #1 L J Padlock with a 5/16" shank. Insert the padlock through the designated hole on the latch body to secure the door.

5. CARE AND MAINTENANCE

Regular care and maintenance will ensure the continued smooth operation and extend the lifespan of your Kason 0058 Safeguard Radial Latch and Strike.

- **Cleaning:** Periodically clean the latch and strike with a soft, damp cloth. Avoid abrasive cleaners or harsh chemicals that could damage the polished chrome finish.
- **Lubrication:** Apply a small amount of silicone-based lubricant to the moving parts, such as the roller strike and spring mechanism, every 6-12 months or as needed to maintain smooth operation.
- **Inspection:** Regularly inspect all mounting screws to ensure they are tight. Check for any signs of wear or damage to the latch body, strike, or spring. Replace any worn or damaged components promptly.
- **Adjustment:** If the door closure becomes loose or difficult, re-adjust the strike as described in the installation section to restore proper alignment and tight closure.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Kason 0058 Safeguard Radial Latch and Strike.

Problem	Possible Cause	Solution
Latch does not close tightly.	Strike misaligned or worn.	Adjust the strike position. Inspect for wear and replace if necessary.
Latch is difficult to operate.	Lack of lubrication or debris.	Clean the latch mechanism and apply a silicone-based lubricant.
Door does not stay closed.	Spring mechanism weakened or damaged.	Inspect the spring. If damaged, the latch assembly may need replacement.
Screws are loose.	Vibration or normal use.	Tighten all mounting screws. Do not overtighten.

7. TECHNICAL SPECIFICATIONS

Attribute	Detail
Model Number	K58-CC01
Part Numbers	10058L05021, 10058005003
Brand	Kason
Material	Zinc
Finish	Polished Chrome
Color	Body Light Spring and Strike 1 3/4 to 2 1/2 Inch
Offset Range	1-3/4" to 2-1/2"

Attribute	Detail
Item Weight	3.4 pounds
Product Dimensions	11.02 x 2.76 x 2.95 inches
Installation Type	Screw-In
Recommended Uses	Commercial buildings, high-traffic areas
UPC	796762684649

8. WARRANTY AND SUPPORT

Specific warranty details for the Kason 0058 Safeguard Radial Latch and Strike are not provided within this manual. For information regarding product warranty, technical support, or replacement parts, please contact Kason directly through their official website or customer service channels.

Always refer to the manufacturer's official documentation for the most current and accurate warranty terms and support procedures.

Related Documents

	<p>Kason 1967-A2 Temperature Display and Switch Installation Instructions</p> <p>Detailed installation instructions for the Kason 1967-A2 Temperature Display and Switch. Covers safety, OEM and field wiring, operation, battery management, troubleshooting, design specifications, parts list, and descriptions of various wiring diagrams for single, three-way, and four-way switch applications.</p>
	<p>Kason 1808 LED Fixture Installation Instructions</p> <p>Installation instructions for the Kason 1808 LED Fixture, including specifications, warnings, and directions for mounting and wiring.</p>