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› [JUBEST 5FT Heavy Duty Bypass Sliding Door Hardware with Soft Close Mechanism Instruction Manual](#)

## JUBEST TSQAL04

# JUBEST 5FT Heavy Duty Bypass Sliding Door Hardware with Soft Close Mechanism

Model: TSQAL04

Brand: JUBEST

### INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your JUBEST 5FT Heavy Duty Bypass Sliding Door Hardware with Soft Close Mechanism. Please read this manual thoroughly before beginning installation to ensure proper setup and safe operation. Keep this manual for future reference.

### SAFETY INFORMATION

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- Always wear appropriate safety gear, including safety glasses and gloves, during installation.
- Ensure the mounting surface is structurally sound and capable of supporting the weight of the doors and hardware.
- Use the correct tools for each step of the installation.
- Keep children and pets away from the work area during installation.
- Do not exceed the maximum weight capacity of 150 lbs per door.
- Verify all components are securely fastened before operating the doors.

### PACKAGE CONTENTS

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Please verify that all components listed below are present and undamaged before beginning installation. If any parts are missing or damaged, contact JUBEST customer service.

- 60-inch Aluminum Track (1)
- Three-Wheel Hangers with Soft Close Mechanism (2 sets for 2 doors)
- Adjustable Floor Guide (1)
- Door Stops (2)
- Finger Pulls (2)
- Mounting Screws and Anchors (various sizes)

- Hex Wrench (1)
- Installation Manual (this document)



Image: Overview of the JUBEST Bypass Door Hardware components.

## SPECIFICATIONS

Feature	Detail
Model Number	TSQAL04
Track Length	60 inches (5FT)
Track Dimensions (L x W x H)	60" x 4 3/4" x 2 3/16"
Compatible Door Thickness	1 3/8" or 1 3/4"
Maximum Door Panel Width (each)	30 1/2"
Maximum Door Weight Capacity (each)	150 lbs
Material	Aluminum (Track), Steel/Plastic (Hangers/Components)
Color	Silver
Bearing Type	608ZZ Ball Bearings
Soft Close Mechanism	Included, Double Sided

# Bypass Door Hardware Kit Size Chart

Note: The track can be cut down to fit custom opening width(track length = 2xdoor width-1)



Track Length	A: Each Panel Size	B: Fit Opening Size	Fit Door Thickness	Fit Door Weight
60"(5ft)	≥30.5"	60"	1 3/8" and 1 3/4"	≤150lbs

Image: Detailed size chart and dimensions for the bypass door hardware kit.

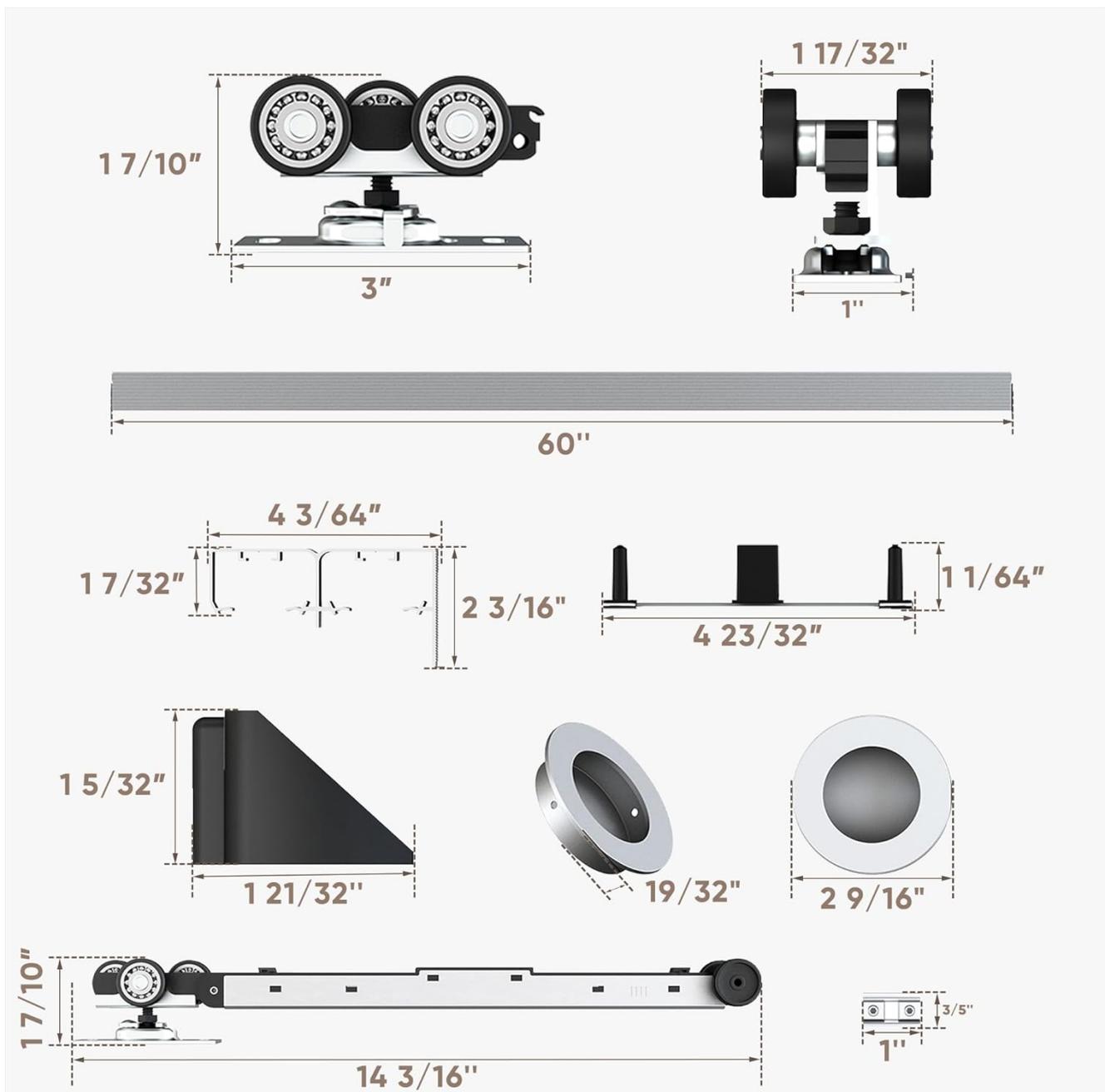


Image: Individual component dimensions including hangers, track, and accessories.

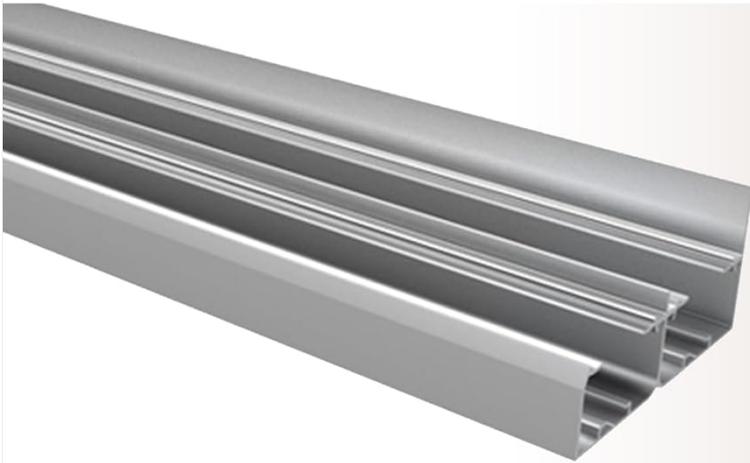
## SETUP AND INSTALLATION

Follow these steps carefully for proper installation. It is recommended to have a second person assist during certain stages.

### 1. Prepare the Opening and Track

1. Measure your door opening width and height. Ensure your door panels meet the specified thickness ( $1\ 3/8''$  or  $1\ 3/4''$ ) and do not exceed  $30\ 1/2''$  each.
2. Calculate the required track length:  $(2 \times \text{door width}) - 1$  inch. The provided track is 60 inches. If your door width requires a shorter track, it can be cut.
3. Mark the mounting points for the track above the door opening. Ensure the track is level.

# Smooth & Silent Gliding



## Heavy duty aluminum track

- Lightweight
- Durable

## Wear-resistant three wheel rollers

- Smooth
- Quiet



*Image: The heavy-duty aluminum track, lightweight and durable.*

### 2. Install the Track

1. Secure the aluminum track to the wall or header using the provided mounting screws and anchors. Ensure it is firmly attached and perfectly level.
2. The built-in front cover of the track will hide the sliding hardware from view once installed.

### 3. Attach Hangers to Doors

1. Attach the three-wheel hangers to the top edge of each door panel. Ensure the larger wheeled piece is installed with the pin on the outside, and the smaller wheeled pieces have their flat sides inward.
2. The hangers include the soft-close mechanism.

## Double Sided Soft-Close Mechanism

Prevent door from hitting the door jamb

## Three Wheel Ball Bearing Hanger

Ensure smooth sliding door



Image: Close-up of the double-sided soft-close mechanism and three-wheel ball bearing hanger.

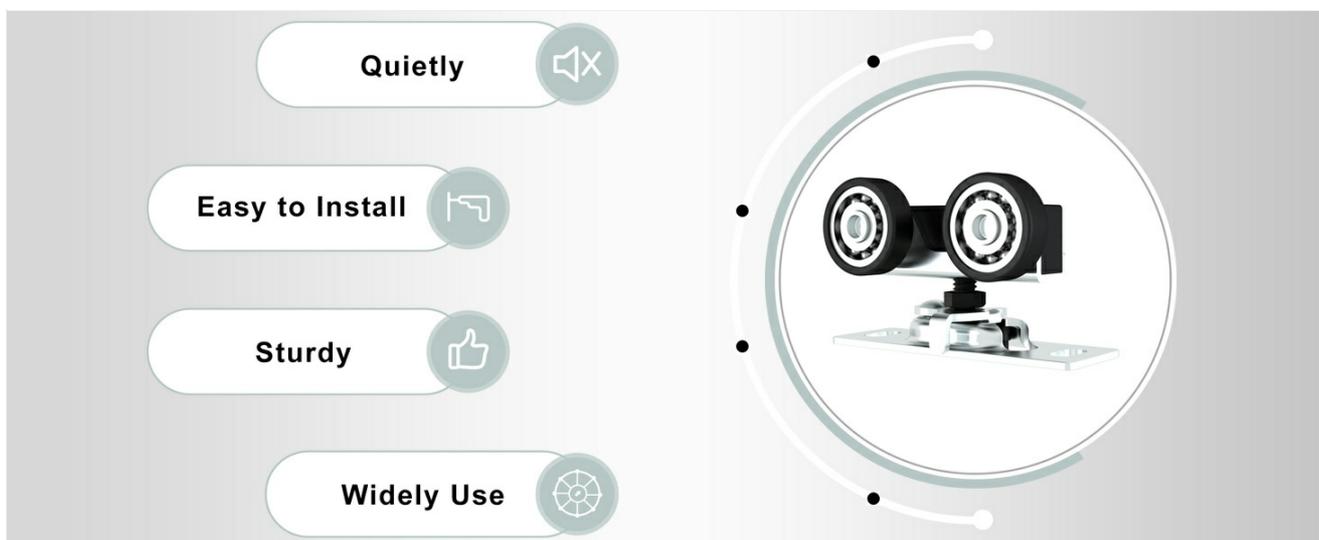


Image: Detailed view of the tri-wheel hangers.

## 4. Hang the Doors

1. Carefully lift each door panel and engage the hanger wheels into the track. The quick-release locking tab allows for easy installation and removal.
2. Ensure both doors slide freely within the track.

## 5. Install Floor Guide and Door Stops

1. Install the adjustable floor guide at the bottom of the door opening. This guide is compatible with door thicknesses of 1 3/8" and 1 3/4".
2. Position the door stops within the track to define the open and closed positions of the doors.



*Image: Diagram illustrating the adjustable floor guide, door stop, and finger pull.*

## 6. Install Finger Pulls

1. Install the finger pulls on the door panels at a comfortable height for easy opening and closing.

## OPERATING INSTRUCTIONS

Your JUBEST bypass sliding door hardware is designed for smooth, quiet, and effortless operation.

- To open or close a door, gently push or pull the door panel using the installed finger pull.
- The soft-close mechanism will engage as the door approaches its fully open or closed position, bringing it to a gentle stop and preventing slamming. This mechanism works in both directions.
- The three-wheel hangers with 608ZZ ball bearings ensure minimum friction and smooth, quiet rolling.



*Image: A JUBEST bypass door installed in a closet, demonstrating its smooth and quiet operation.*

## MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your bypass door hardware.

- **Cleaning:** Periodically wipe down the aluminum track and hardware components with a soft, damp cloth to remove dust and debris. Avoid abrasive cleaners.
- **Lubrication:** If the doors begin to feel stiff or noisy, apply a small amount of silicone-based lubricant to the wheel bearings and inside the track. Do not use oil-based lubricants as they can attract dust.
- **Inspection:** Regularly check all screws and fasteners to ensure they are tight. Re-tighten if necessary. Inspect the wheels for any signs of wear or damage.

- **Track Clearance:** Ensure no debris or foreign objects are obstructing the track, which could impede smooth operation or damage the wheels.

## TROUBLESHOOTING

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If you encounter any issues with your JUBEST bypass door hardware, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Doors do not slide smoothly or are noisy.	<ul style="list-style-type: none"> <li>◦ Debris in the track.</li> <li>◦ Wheels require lubrication.</li> <li>◦ Track is not level.</li> <li>◦ Loose hanger bolts.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Clean the track thoroughly, removing any chips or debris.</li> <li>◦ Apply silicone lubricant to wheels and track.</li> <li>◦ Check track level and adjust shims if necessary.</li> <li>◦ Tighten hanger bolts.</li> </ul>
Soft close mechanism not engaging or jamming.	<ul style="list-style-type: none"> <li>◦ Soft close activators are incorrectly positioned.</li> <li>◦ Hanger bolts screwed too far upward, causing jamming.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Adjust the soft close activators. These can be adjusted after the rail is installed.</li> <li>◦ Ensure hanger bolts are not screwed too far upward, which can cause the trucks to jam at the soft stop blocks.</li> </ul>
Door panels are not plumb (straight).	Hanger bolts need adjustment.	Use the bolts on the hangers to adjust the plumb of the door.

## WARRANTY AND CUSTOMER SUPPORT

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JUBEST is committed to providing high-quality products. While specific warranty details are not provided in this document, we stand by the quality of our hardware.

For any quality problems, missing parts, or installation assistance, please contact our professional customer service team. They are available to help you with any questions or concerns you may have.

You can typically find contact information for JUBEST customer service on the product packaging or through the retailer where you purchased the item.