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### VEVOR 24Inch 500 lb Stainless Single Lock

# VEVOR 24-Inch 500lb Locking Drawer Slides Instruction Manual

Model: 24Inch 500 lb Stainless Single Lock (B08DKQKFH9)

## Introduction

Thank you for choosing VEVOR 24-inch 500lb Locking Drawer Slides. This manual provides detailed instructions for the proper installation, operation, and maintenance of your drawer slides. Please read this manual thoroughly before installation and retain it for future reference.
These heavy-duty drawer slides are designed for robust applications, offering a 500lb load capacity and full extension for complete access to drawer contents. Constructed from cold-rolled steel with a durable electroplated finish, they are built for longevity and smooth operation.

## Product Features

- **Premium Material:** Constructed from thick cold-rolled steel (CRS) plates, electroplated for anti-rust and wear-resistant properties. Each slide measures 24 inches in length, 76 mm in width, and 19 mm in thickness, with a plate thickness of 2.5 mm.
- **Large Load Capacity:** Capable of holding up to 500 lbs, suitable for various heavy-duty applications. The 3-fold full extension design allows the entire drawer to be pulled out, providing an entirely pull-out length of 48.2 inches.
- **Smooth Slide & Lock:** Features a double steel ball-bearing design for silent and friction-free movement. Equipped with a yellow unlock/detach button to securely lock the drawer in both closed and fully extended positions, preventing accidental sliding.
- **Side Mount Installation:** Designed for side mounting on cabinets or machine parts. The recommended installation distance is 19.5 mm. Pre-drilled holes allow for flexible adjustment during installation. A screw kit and user manual are included.
- **Wide Applications:** Ideal for industrial, commercial equipment, factory machines, office furniture, vehicle modifications (e.g., modified car drawers), and various home applications.

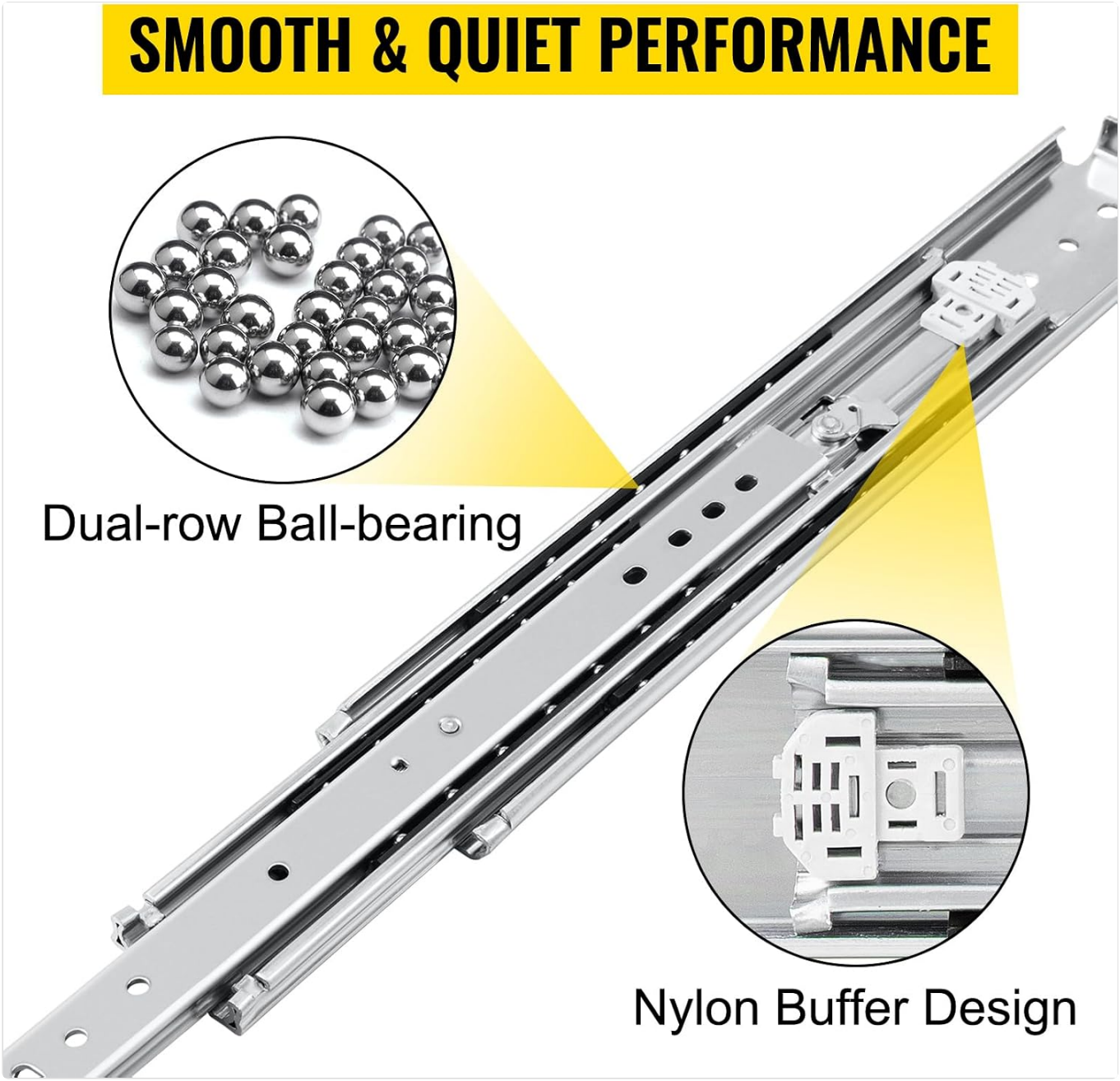



Figure 1: Close-up view of the dual-row ball-bearing and nylon buffer design, ensuring smooth and quiet operation of the drawer slides.




Figure 2: Examples of wide and professional uses for the VEVOR drawer slides, including kitchen drawers, vehicle storage, and workshop applications.

## Safety Information

Please observe the following safety precautions during installation and use:

- Always wear appropriate personal protective equipment (PPE), such as safety glasses and gloves, during installation.
- Ensure the mounting surface is stable and capable of supporting the maximum load capacity of the slides (500 lbs) plus the weight of the drawer and its contents.
- Do not exceed the specified load capacity to prevent damage to the slides or injury.
- Verify that all screws are securely fastened before using the drawer.
- Keep fingers clear of moving parts during operation to avoid pinching.
- The locking mechanism is designed to prevent accidental movement. Always engage the lock when the drawer is fully closed or fully extended, especially in mobile applications.

## Package Contents

- 1 Pair of VEVOR 24-Inch Locking Drawer Slides
- 1 x Screw Kit
- 1 x User Manual (this document)

## Setup and Installation

Before beginning installation, ensure you have the necessary tools: drill, screwdriver, measuring tape, level, and pencil.

### Step 1: Separate the Drawer Slides

The drawer slides consist of three sections: an outer slide (attaches to the cabinet), a middle slide, and an inner slide (attaches to the drawer). To separate the inner slide from the outer and middle slides, fully extend the slide and press the yellow unlock/detach button. This will release the inner slide.

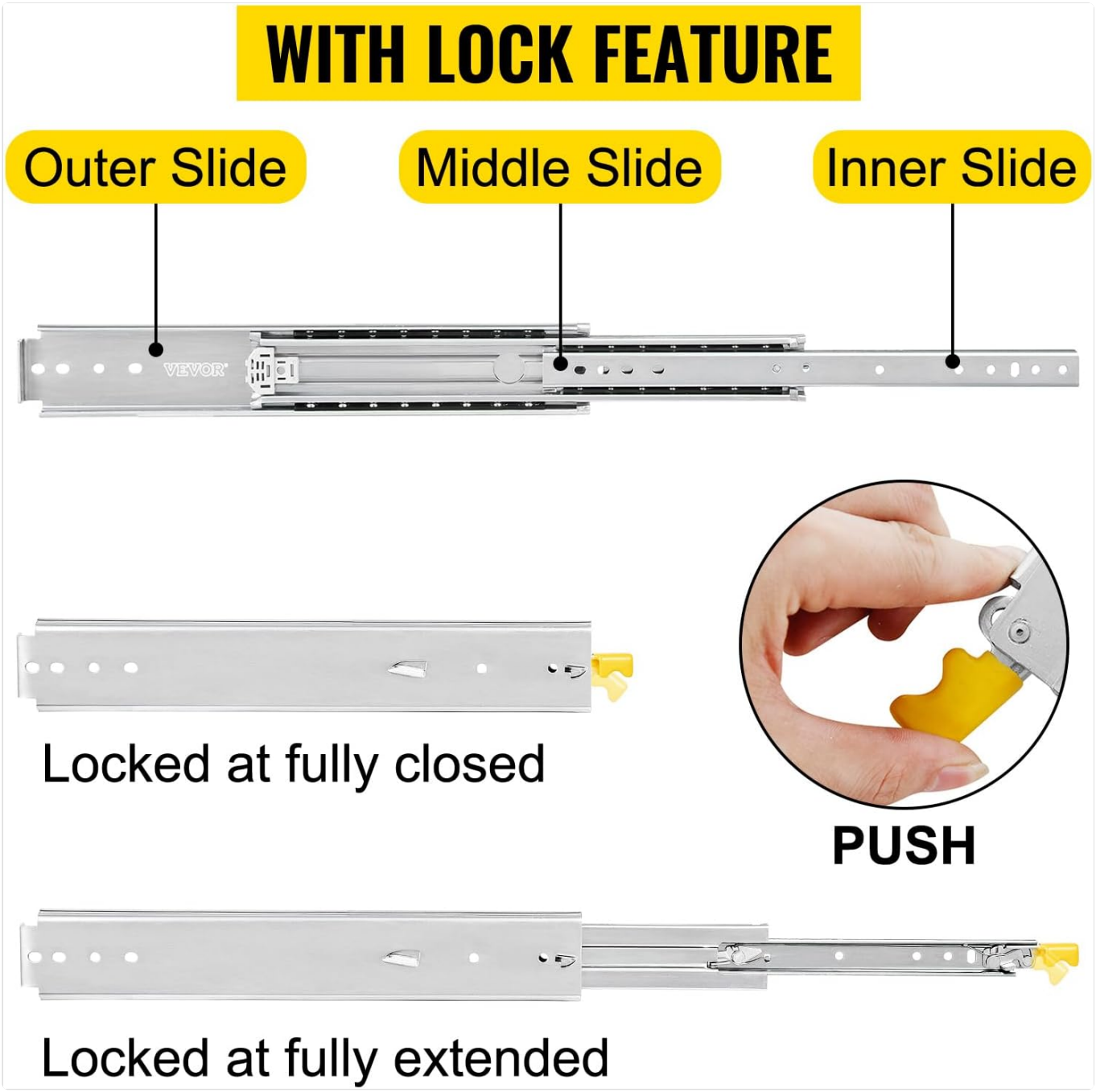



Figure 3: Components of the drawer slide and the unlock mechanism. The image shows the outer, middle, and inner slide sections, with an inset demonstrating how to push the yellow lever to unlock the slide.

## Step 2: Mount the Outer Slides to the Cabinet

1. Determine the desired height and position for your drawer. Use a level and pencil to mark the mounting line on the inside of the cabinet.
2. Align the outer slide with the marked line, ensuring it is level. The recommended installation distance between the drawer and the cabinet side is 19.5 mm.
3. Mark the screw hole locations through the pre-drilled holes on the outer slide.
4. Drill pilot holes at the marked locations.
5. Secure the outer slide to the cabinet using the provided screws. Ensure it is firmly attached and level.

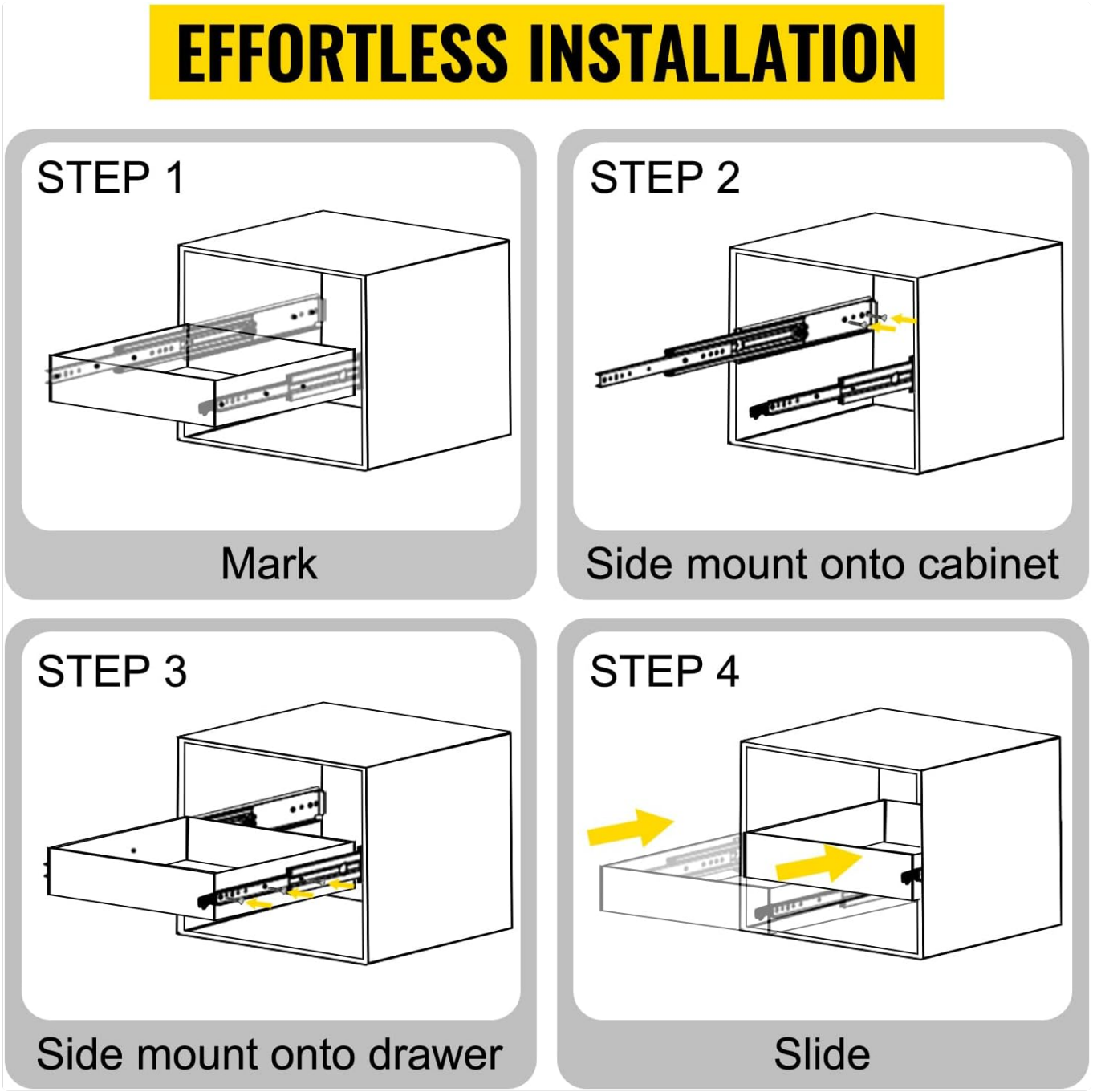



Figure 4: Illustrated steps for side mount installation. This diagram shows marking the position, mounting the slide to the cabinet, mounting to the drawer, and finally sliding the drawer into place.

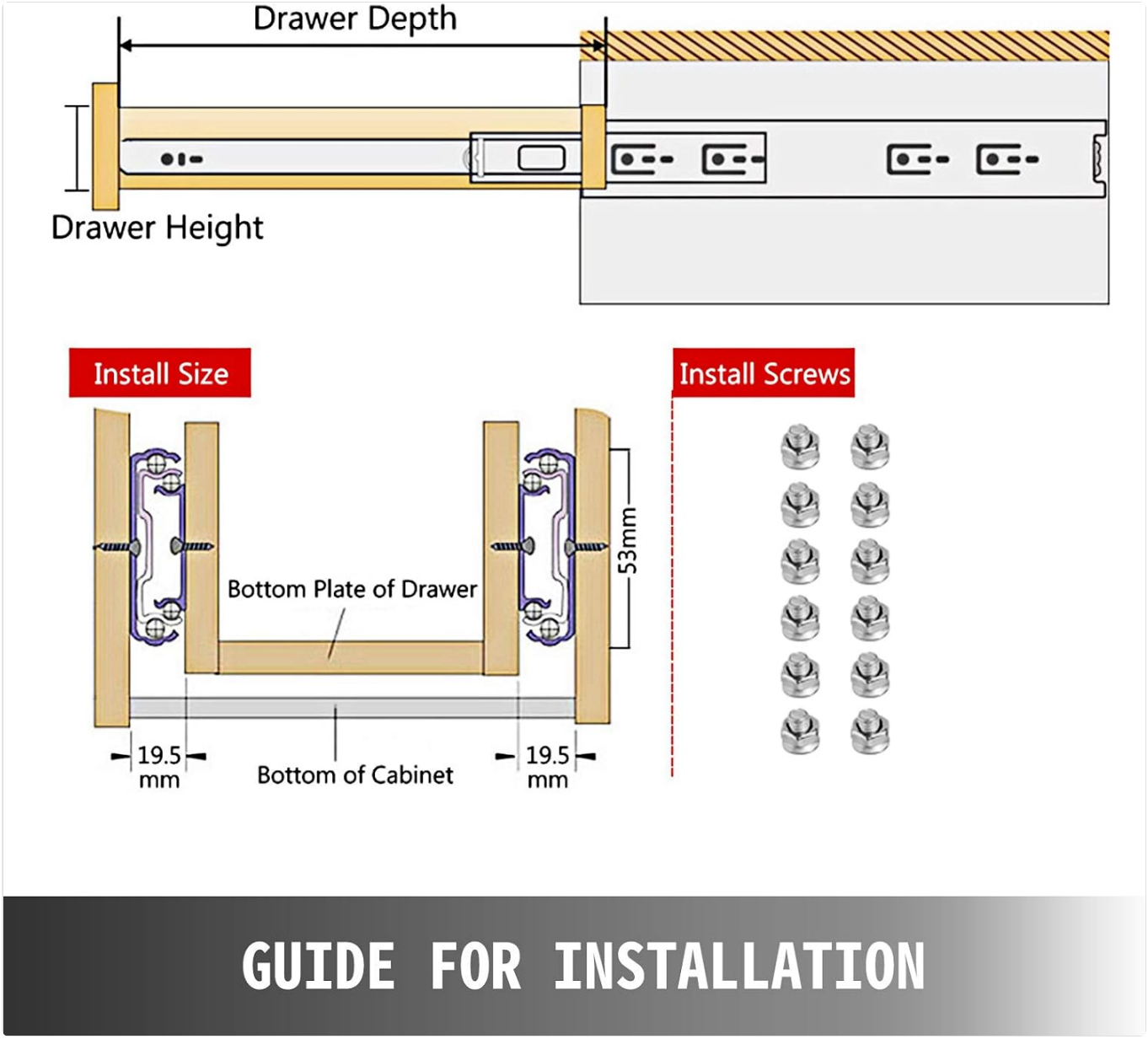



Figure 5: Guide for installation, showing the recommended install size (19.5mm clearance) and the included screw kit.

## Step 3: Mount the Inner Slides to the Drawer

1. Align the inner slide (the section you separated in Step 1) with the side of your drawer. Ensure the slide is flush with the bottom edge of the drawer and positioned correctly for the drawer's depth. The slide length should be less than or equal to the drawer depth.
2. Mark the screw hole locations on the drawer side.
3. Drill pilot holes.
4. Secure the inner slide to the drawer using the provided screws.

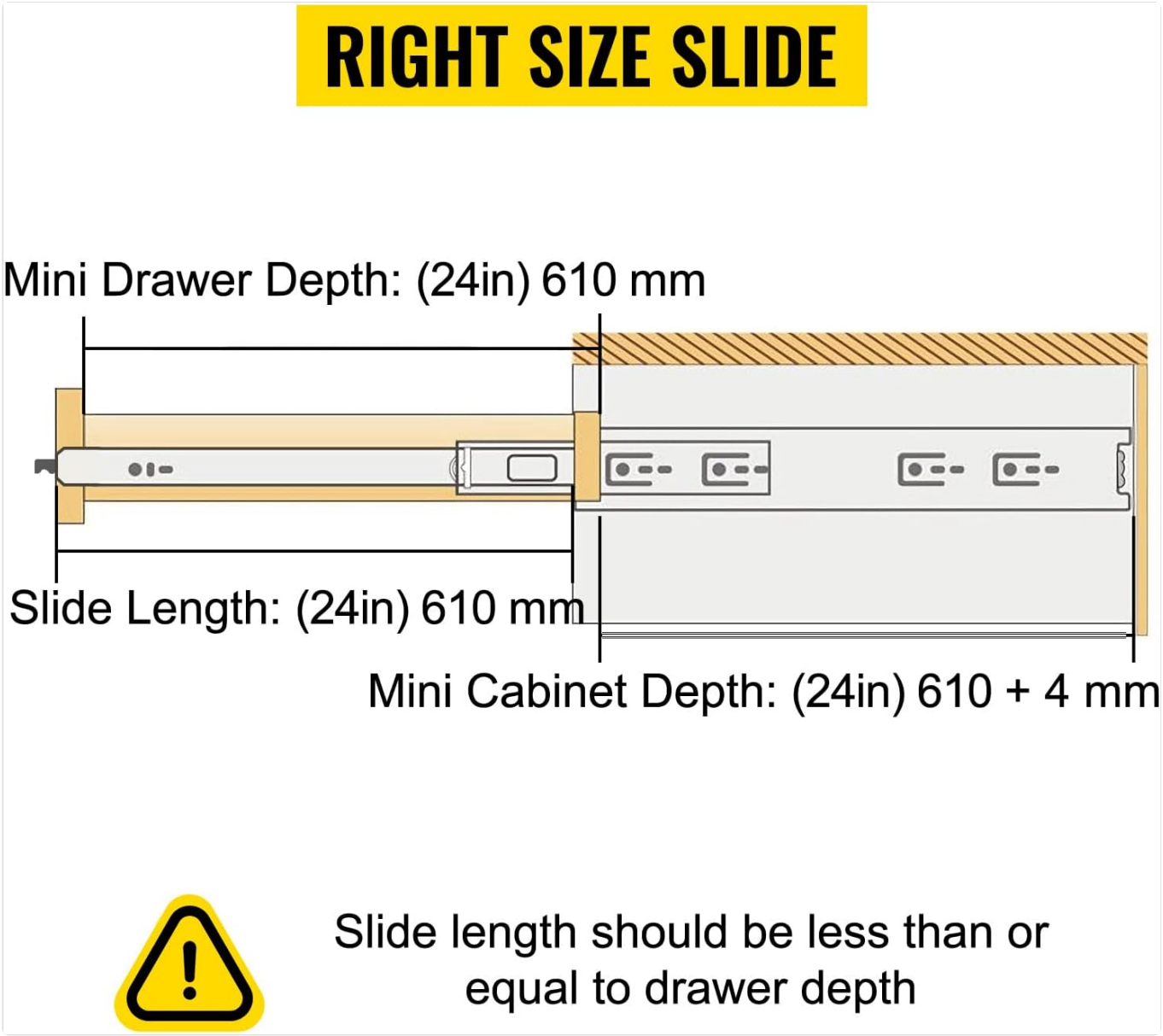



Figure 6: Diagram showing the relationship between slide length and drawer depth, indicating that slide length should be less than or equal to drawer depth.

### Step 4: Insert the Drawer into the Cabinet

1. Carefully align the inner slides on the drawer with the middle slides on the cabinet.
2. Gently push the drawer into the cabinet until you hear a click, indicating that the slides are engaged and the locking mechanism is secured.
3. Test the drawer by pulling it out and pushing it back in to ensure smooth operation and proper locking.

## Operating Instructions

### Opening the Drawer

To open the drawer, simply pull the drawer front. The slides will extend smoothly. If the drawer is locked in the closed position, gently pull until the lock disengages.

### Closing the Drawer

To close the drawer, push the drawer front until it is fully recessed into the cabinet. The locking mechanism will engage automatically, holding the drawer securely in place.

## Using the Locking Feature

These slides feature a locking mechanism that engages when the drawer is fully closed or fully extended. To release the lock and open the drawer from the closed position, simply pull the drawer. To release the lock and close the drawer from the fully extended position, press the yellow unlock/detach button located on the side of the slide and then push the drawer in.

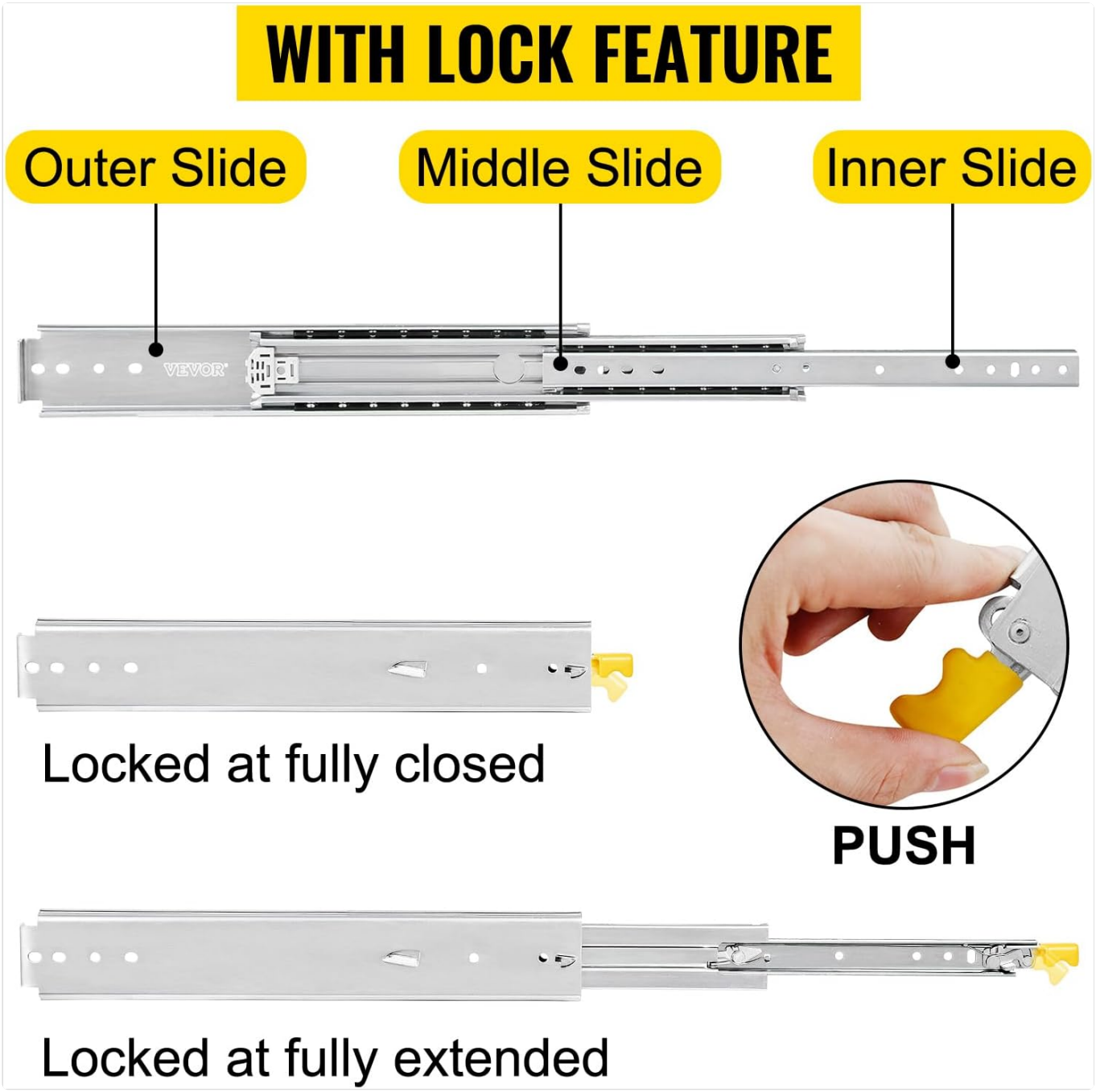



Figure 7: The locking feature of the drawer slides, showing how the yellow lever is used to release the lock when the drawer is fully extended.

## Maintenance

- **Cleaning:** Wipe the slides periodically with a clean, damp cloth to remove dust and debris. Avoid using abrasive cleaners or solvents that could damage the finish or lubrication.
- **Lubrication:** The ball bearings are pre-lubricated. If the slides begin to feel stiff or noisy over time, a light application of silicone-based lubricant can be applied to the ball bearings. Do not use oil-based lubricants as they can attract dust and grime.
- **Inspection:** Regularly inspect the slides for any signs of wear, damage, or loose screws. Tighten any loose

fasteners immediately. Ensure the ball bearings move freely.

- **Load Capacity:** Always adhere to the 500 lb maximum load capacity to ensure optimal performance and longevity of the slides.

## Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Drawer does not slide smoothly. | ◦ Accumulation of dirt or debris.<br>◦ Lack of lubrication.<br>◦ Misalignment of slides.<br>◦ Overloaded drawer. | ◦ Clean the slides and ball bearings.<br>◦ Apply a silicone-based lubricant.<br>◦ Check alignment and adjust if necessary.<br>◦ Reduce the weight in the drawer. |
| Drawer is difficult to open or close. | ◦ Locking mechanism engaged.<br>◦ Misalignment.<br>◦ Obstruction. | ◦ Ensure the yellow unlock button is pressed when closing from full extension.<br>◦ Verify slides are correctly aligned.<br>◦ Check for any objects blocking the slide path. |
| Drawer wobbles or feels unstable. | ◦ Loose mounting screws.<br>◦ Improper installation. | ◦ Tighten all mounting screws on both the drawer and cabinet sides.<br>◦ Re-check installation steps for proper alignment and secure fastening. |

## Specifications

| Attribute | Detail |
|---|---|
| Brand | VEVOR |
| Model | 24Inch 500 lb Stainless Single Lock (B08DKQKFH9) |
| Material | Cold Rolled Steel (CRS), Alloy Steel |
| Color | Silver |
| Product Dimensions (L x W x Th) | 24"L x 0.74"W x 2.08"Th (610mm L x 76mm W x 19mm Th) |
| Plate Thickness | 2.5 mm |
| Maximum Load Capacity | 500 lbs (227 kg) |
| Extension Type | 3-Fold Full Extension |
| Entirely Pull Out Length | 48.2 inches (1224 mm) |
| Mounting Type | Side Mount |

| Attribute | Detail |
| --- | --- |
| Recommended Installation Distance | 19.5 mm (between drawer and cabinet side) |
| Included Components | 1 Pair Drawer Slides, 1 Screw Kit, 1 User Manual |

## Warranty and Support

VEVOR products are designed for durability and performance. For warranty information, technical support, or replacement parts, please visit the official VEVOR website or contact their customer service directly. Please have your product model number (B08DKQKFH9) and purchase date available when contacting support.
Official VEVOR Store: Visit the VEVOR Store on Amazon

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