

Plusmart PM-FDS-10-6

Plusmart 10 Inch Drawer Slides Instruction Manual

Model: PM-FDS-10-6

1. INTRODUCTION

Thank you for choosing Plusmart 10 Inch Drawer Slides. These full-extension ball-bearing drawer slides are designed for smooth, stable, and durable operation in various applications, from household cabinets to industrial toolboxes. This manual provides detailed instructions for proper installation, operation, and maintenance to ensure optimal performance and longevity of your drawer slides.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installation and use. Failure to follow these instructions may result in injury or product damage.

- Always wear appropriate personal protective equipment, such as safety glasses and gloves, during installation.
- Ensure the mounting surface is stable and capable of supporting the drawer and its contents.
- Do not exceed the maximum weight capacity of 150 pounds per pair of slides.
- Keep small parts, such as screws and ball bearings, away from children.
- Exercise caution when handling metal edges to prevent cuts.

3. PACKAGE CONTENTS

Verify that all components are present in your package:

- 6 Pairs of 10-inch cold-rolled steel drawer tracks
- 72 mounting screws
- 24 spare screws
- Instruction manual (this document)



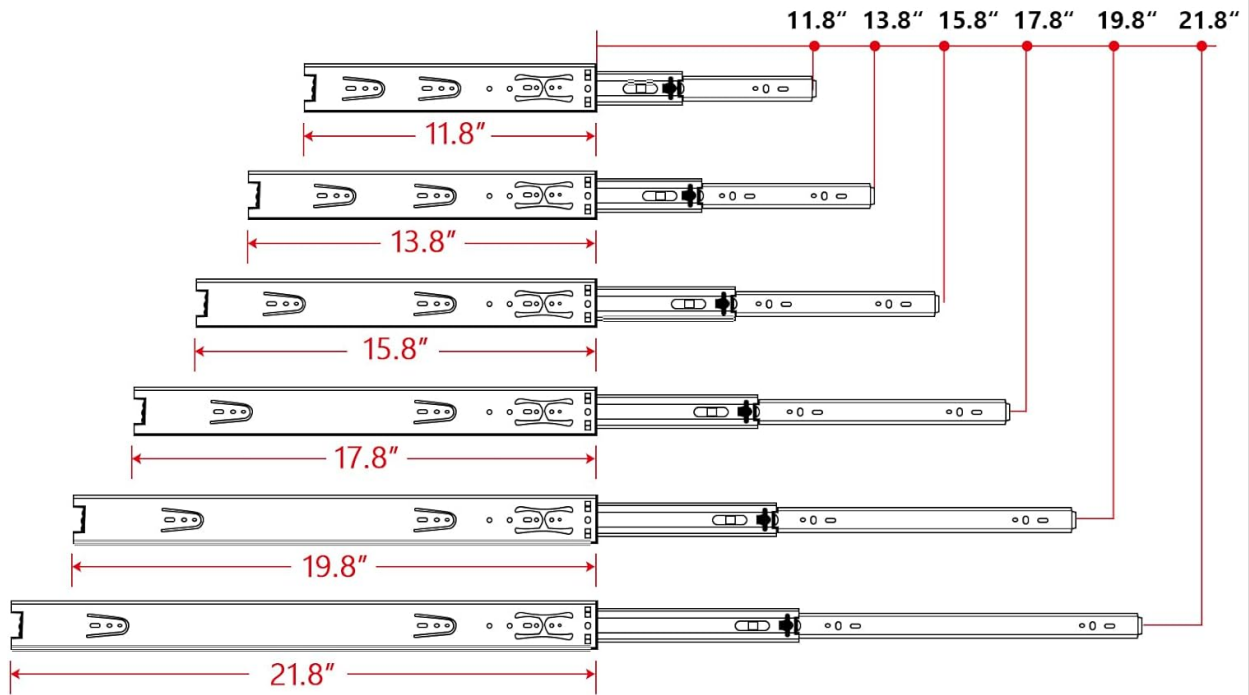
Figure 1: Contents of the Plusmart 10 Inch Drawer Slides package, showing two drawer slide components and accompanying screws.

4. SETUP AND INSTALLATION

4.1 Choosing the Correct Size

To ensure proper fit and function, measure your drawer length without the front frame board. If the length is not an even number, choose a slide size that is 1 inch shorter than your measured drawer length. Ensure the chosen slide length does not exceed your cabinet case depth.

How to choose the drawer size?



3 Section Full Extension



Figure 2: Guide for selecting the correct drawer slide length based on drawer measurement.

4.2 Installation Steps

The Plusmart drawer slides feature a detachable design for easier installation. Follow these general steps:

1. **Separate the Slide Components:** Extend the drawer slide fully. Locate the flexible install tab or release lever (typically black plastic) on the inner rail. Press or lift this lever to detach the inner rail from the main slide assembly.

Detachable Snaps

Flexible install tab and release lever make the installation and adjustment easy

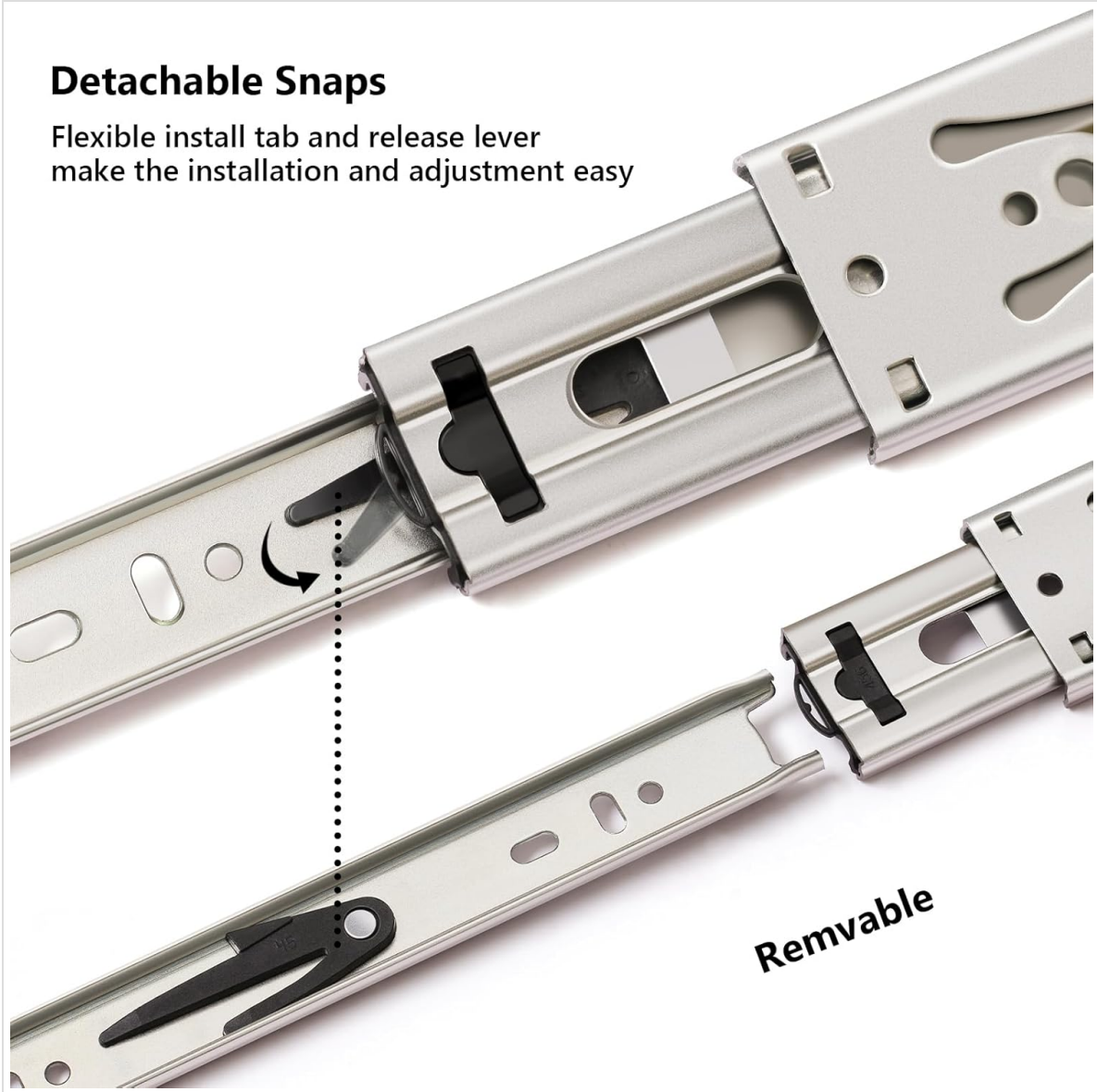


Figure 3: Detachable snap mechanism for separating drawer slide components.

- 2. Mount the Outer Rail to the Cabinet:** Position the outer rail (the largest section) inside the cabinet opening. Ensure it is level and aligned correctly. Mark the screw holes and pre-drill if necessary. Secure the outer rail to the cabinet side using the provided mounting screws. Repeat for the other side of the cabinet.
- 3. Mount the Inner Rail to the Drawer:** Attach the detached inner rail to the side of your drawer. Ensure it is flush with the bottom edge of the drawer and aligned properly. Mark and pre-drill screw holes, then secure the inner rail using the provided screws. Repeat for the other side of the drawer.
- 4. Reassemble the Drawer:** Carefully align the drawer (with the inner rails attached) with the outer rails mounted in the cabinet. Gently push the drawer into the cabinet until the inner rails click into place with the main slide assembly. Test the drawer's movement to ensure smooth operation.



Household drawer



Industrial drawer



Toolbox



RV drawer

Figure 4: Examples of drawer slide applications in household, industrial, toolbox, and RV settings.

5. OPERATING INSTRUCTIONS

Your Plusmart drawer slides are designed for smooth and quiet operation.

- **Full Extension:** These slides offer full extension, allowing complete access to the contents of your drawer. Pull the drawer out until it stops.
- **Smooth Movement:** The double rows of solid steel ball bearings ensure a smooth gliding motion.
- **Quiet Operation:** A rubber mute pad is integrated to reduce noise during opening and closing, keeping it as low as 35 decibels.



Figure 5: Detail of ball bearings and rubber mute pad for smooth and quiet drawer operation.

6. MAINTENANCE

Proper maintenance will extend the lifespan and performance of your drawer slides.

- **Cleaning:** Periodically wipe the slides with a clean, damp cloth to remove dust and debris. Avoid abrasive cleaners.
- **Lubrication:** The ball bearings are pre-lubricated. If movement becomes less smooth over time, a light application of a silicone-based lubricant can be applied to the ball bearings. Avoid oil-based lubricants as they can attract dust.
- **Corrosion Resistance:** The slides are made of high-grade cold-rolled steel with a galvanized surface, providing anti-corrosion and anti-rust properties. However, avoid prolonged exposure to moisture or harsh chemicals.

7. TROUBLESHOOTING

If you encounter issues with your drawer slides, consider the following:

- **Drawer not closing completely:** Check for obstructions in the drawer or cabinet. Ensure the slides are properly aligned and fully engaged.

- **Sticking or rough movement:** Clean the slides to remove any accumulated dirt or debris. Apply a small amount of silicone lubricant if necessary. Verify that the drawer is not overloaded beyond the 150-pound capacity.
- **Excessive noise:** Ensure all mounting screws are tight. Check for any loose components or foreign objects within the slide mechanism.
- **Drawer falling out:** This indicates the inner rail is not properly engaged with the main slide assembly. Ensure the flexible install tab/release lever is correctly seated after reassembly.

8. SPECIFICATIONS

Key specifications for the Plusmart 10 Inch Drawer Slides (Model PM-FDS-10-6):

Feature	Specification
Model Number	PM-FDS-10-6
Length	10 inches (250mm)
Width	1.77 inches (45mm)
Height	0.5 inches (12.7mm)
Inner Rail Thickness	1.42mm
Material	Cold-rolled Alloy Steel
Finish	Galvanized
Weight Capacity	Up to 150 pounds per pair
Extension Type	3-Fold Full Extension
Mounting Type	Side Mount
Durability	Tested for up to 50,000 cycles



Figure 6: Illustration of inner rail thickness and weight capacity.

9. WARRANTY AND SUPPORT

Plusmart stands behind the quality of its products.

- **Money-Back Guarantee:** A 45-day money-back guarantee is provided from the date of purchase.
- **Warranty:** These drawer slides are covered by a 2-year warranty for replacement or refund in case of quality issues.
- **Customer Support:** For any questions, concerns, or warranty claims, please contact Plusmart customer service through the retailer's platform or the official Plusmart website. Please have your purchase details and model number (PM-FDS-10-6) ready.

