

[Manuals.plus](#) /
› [ReplacementScrews](#) /
› ReplacementScrews Plastic Pins/Plugs Compatible with IKEA 110519 (MALM, Alex, HEMNES, etc) Connecting Dowels for Drawers and Chests (Pack of 4) - User Manual

ReplacementScrews RSAZN7979054

Instruction Manual: ReplacementScrews Plastic Pins/Plugs

Model: RSAZN7979054

1. PRODUCT OVERVIEW

These ReplacementScrews plastic pins/plugs are designed as direct replacements for IKEA part 110519. They serve as connecting dowels for various furniture pieces, primarily drawers and chests, ensuring a secure and stable assembly. Crafted from durable plastic, these dowels offer a reliable solution for furniture repair and assembly.

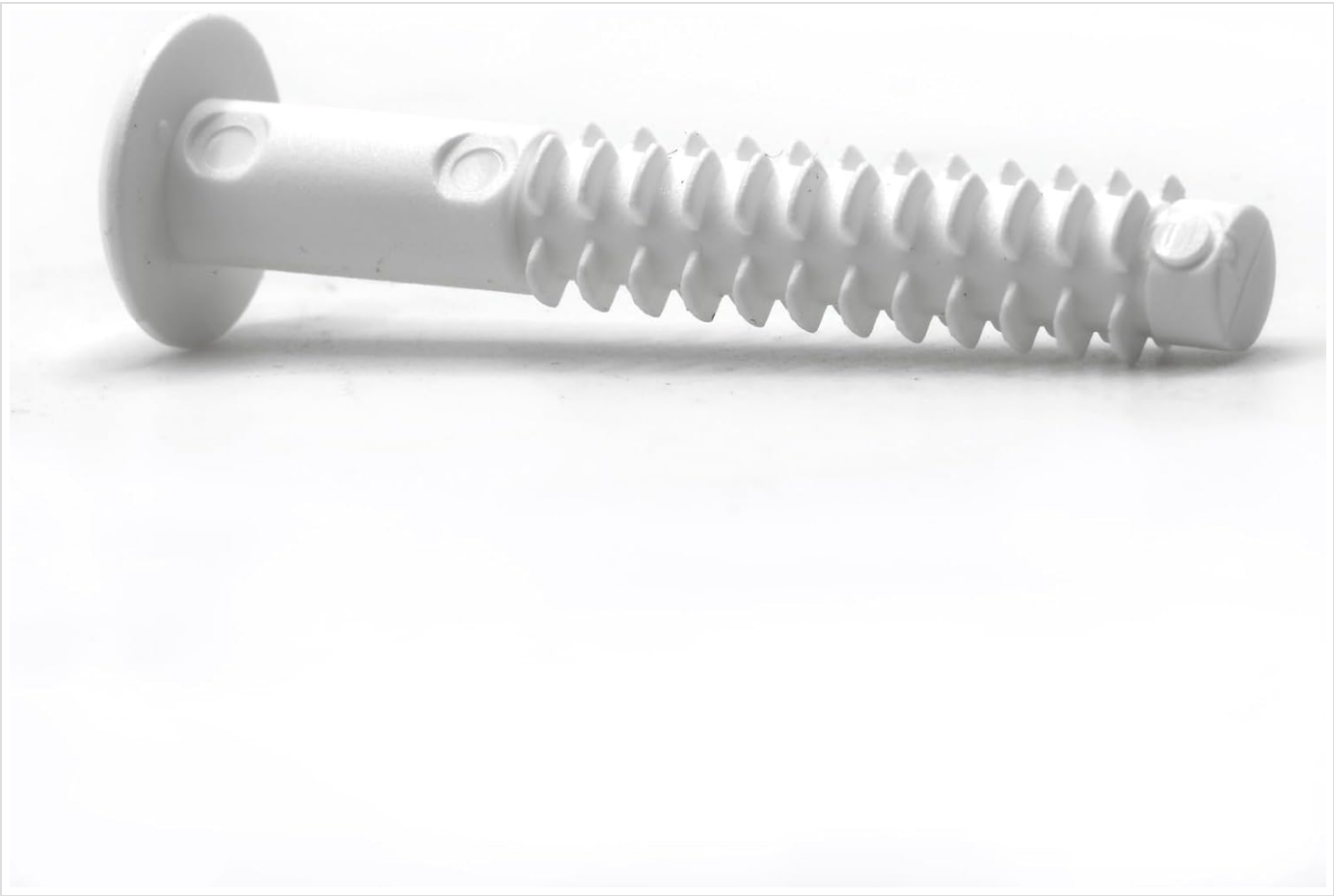


Figure 1.1: A single ReplacementScrews plastic dowel pin.

2. COMPATIBILITY

These plastic knock-down pins are fully compatible with IKEA part 110519. They are commonly used in a variety of IKEA furniture series, including but not limited to:

- MALM series
- ALEX series
- HEMNES series
- KULLEN series
- BRIMNES series

It is essential to consult your specific furniture's assembly manual to verify the exact part number required for compatibility before installation.

3. USAGE GUIDELINES

These dowels are primarily used for assembling individual drawers in chests and dressers. The typical quantity required ranges from 2 to 4 dowels per drawer. For a complete furniture installation, the total number of dowels needed may vary between 4 and 20, depending on the size, design, and complexity of the furniture piece being assembled.



Figure 3.1: Multiple dowel pins, indicating a pack of 4 units.

ReplacementScrews offers various quantity options to ensure you can select the precise amount required for your assembly needs, minimizing waste and optimizing cost.

4. SPECIFICATIONS

The plastic dowel pins are engineered for durability and a secure fit. Key specifications are detailed below:

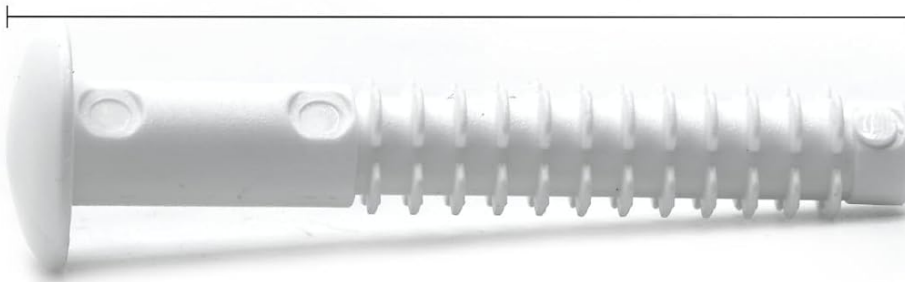
- **Length:** Approximately 40mm (about 1.5 inches)
- **Material:** Durable, flexible white plastic
- **Design:** Features a wider, reinforced head to resist breaking during disassembly. Barbs along the sides ensure a secure grip when installed.
- **Item Weight:** 0.14 ounces (per pack of 4)
- **Product Dimensions:** 6.5 x 3.75 x 0.75 inches (packaging)
- **Pin Type:** Dowel
- **Color:** White (listed as Multicolored for categorization)
- **Number of Pieces:** 4 (per pack)

LOW TOLERANCE PRECISION

ENGINEERED HARDWARE PARTS

FITS: #110519

40.0 mm (~1-1/2")



**Quality Hardware.
Exact Fit.**



**REPLACEMENT
SCREWS**

Figure 4.1: Dowel pin with approximate length measurement.

5. INSTALLATION

These plastic dowel plugs are designed for straightforward installation into pre-drilled holes. Follow these steps for proper assembly:

1. **Identify Holes:** Locate the pre-drilled holes in your furniture components where the dowels are to be inserted. Ensure the holes are clear of debris.
2. **Align Dowel:** Place the dowel pin into the pre-drilled hole, aligning the flat head with the surface of the furniture piece.
3. **Tap into Place:** Gently tap the dowel into the hole using a hammer. Apply steady, even pressure until the dowel is fully seated and flush with the furniture surface. The barbs on the dowel will ensure a secure grip.
4. **Connect Components:** Once all necessary dowels are installed in one component, align it with the corresponding component and press them together firmly to create a secure joint.

Plastic dowels are more flexible than wood or metal alternatives and are resistant to moisture and corrosion, contributing to their durability in joining furniture pieces.



Figure 5.1: Side view of a dowel pin, ready for installation.

6. MAINTENANCE

These plastic dowel pins require minimal maintenance due to their durable material properties. To ensure their longevity and performance:

- **Storage:** Store unused dowels in a cool, dry place away from direct sunlight and extreme temperatures to prevent material degradation.
- **Cleaning:** If necessary, clean the dowels with a dry cloth or a slightly damp cloth. Avoid harsh chemicals that could damage the plastic.
- **Inspection:** Periodically inspect assembled furniture for any signs of loosening. While the dowels are designed for a secure fit, environmental factors or heavy use might necessitate re-tightening or replacement if a dowel becomes damaged.

The plastic construction makes them inherently resistant to moisture and corrosion, contributing to their long-term stability within furniture assemblies.

7. TROUBLESHOOTING

Should you encounter any issues during installation or use, consider the following:

- **Dowel Does Not Fit:**
 - Verify that the furniture part number matches IKEA 110519.
 - Ensure the pre-drilled hole is clear of any debris or obstructions.
 - Confirm you are using the correct size dowel.
- **Dowel Breaks During Installation:**
 - While designed to be robust, excessive force can cause breakage. Use gentle, consistent tapping.
 - Replace the broken dowel with a new one.
- **Furniture Joint Feels Loose:**
 - Ensure all dowels are fully seated and flush.
 - Check if the furniture components are properly aligned and pressed together.
 - If a dowel is damaged or missing, replace it.

For persistent issues or specific technical assistance, please refer to the contact information provided in the Support section.

8. WARRANTY AND SUPPORT

For specific warranty information regarding ReplacementScrews products, please refer to the product packaging or contact the manufacturer directly. ReplacementScrews is committed to providing quality hardware parts.

For further support, inquiries, or to explore other products, you may visit the official ReplacementScrews store:

[Visit the ReplacementScrews Store on Amazon](#)

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