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Brink's High Security 50mm Long Shackle Laminated Steel Padlock User Manual

1. INTRODUCTION

This manual provides instructions for the Brink's High Security 50mm Long Shackle Laminated Steel Padlock, model 887249. This padlock is engineered for heavy-duty security applications, offering robust protection for various assets and access points.

Key features include a chrome-plated Boron steel shackle for enhanced cut resistance, a four brass pin cylinder for optimal pick and pry resistance, and a steel locking bar mechanism for maximum security. The padlock also features a 2-1/2 inch shackle clearance for versatility and a form-fitted blue plastic bumper to minimize scratching and marring of surfaces.

2. PRODUCT COMPONENTS

The package for your Brink's High Security 50mm Long Shackle Laminated Steel Padlock contains the following items:

- One (1) Brink's 50mm Long Shackle Laminated Steel Padlock
- Two (2) Keys

3. SETUP

The Brink's 50mm Long Shackle Laminated Steel Padlock comes pre-assembled and ready for immediate use. No complex installation or initial setup procedures are required.

1. Familiarize yourself with the padlock and the two provided keys.
2. Insert one of the keys into the keyway to test the locking mechanism before initial use.



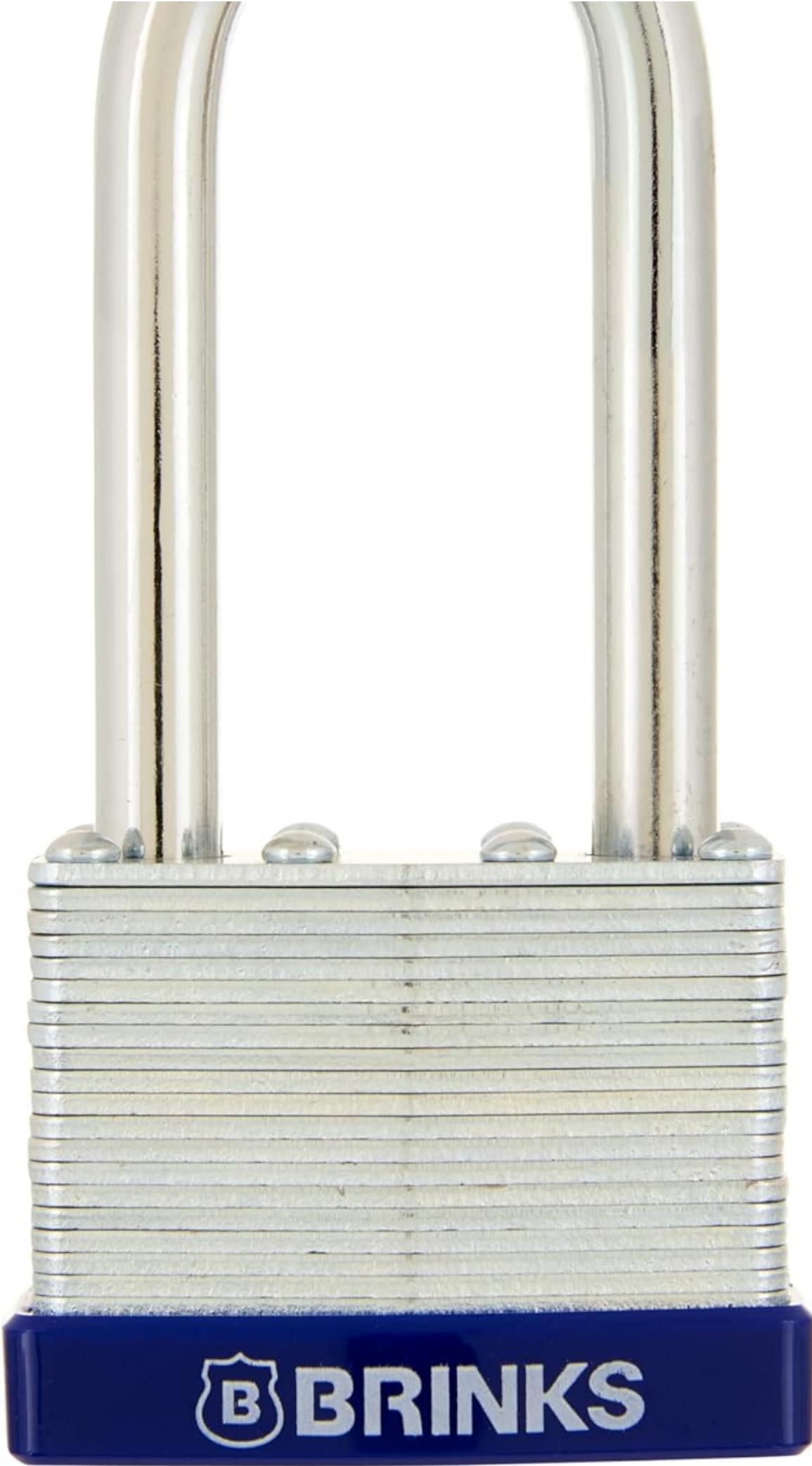


Figure 3.1: Front view of the Brink's 50mm Long Shackle Laminated Steel Padlock. The image displays the silver laminated steel body, the long silver Boron steel shackle with 'BORON STEEL' engraved, and the blue plastic bumper at the base with the 'B BRINKS' logo.

4. OPERATION

4.1. Unlocking the Padlock

1. Insert one of the provided keys fully into the keyway at the bottom of the padlock.
2. Turn the key approximately 90 degrees, either clockwise or counter-clockwise. The internal mechanism will disengage, allowing the shackle to spring open slightly.
3. Pull the shackle upwards to fully open the padlock.
4. Remove the key.

4.2. Locking the Padlock

1. Ensure the shackle is in the open position.
2. Position the shackle through the items or fixtures you wish to secure.
3. Push the shackle firmly down into the padlock body until you hear and feel a distinct click. This indicates the shackle is fully engaged and the padlock is locked.
4. Gently pull on the shackle to confirm it is securely locked.



Figure 4.1: The padlock in use, securing a metal chain wrapped around a white gate handle. This demonstrates the long shackle's utility for larger securing tasks.

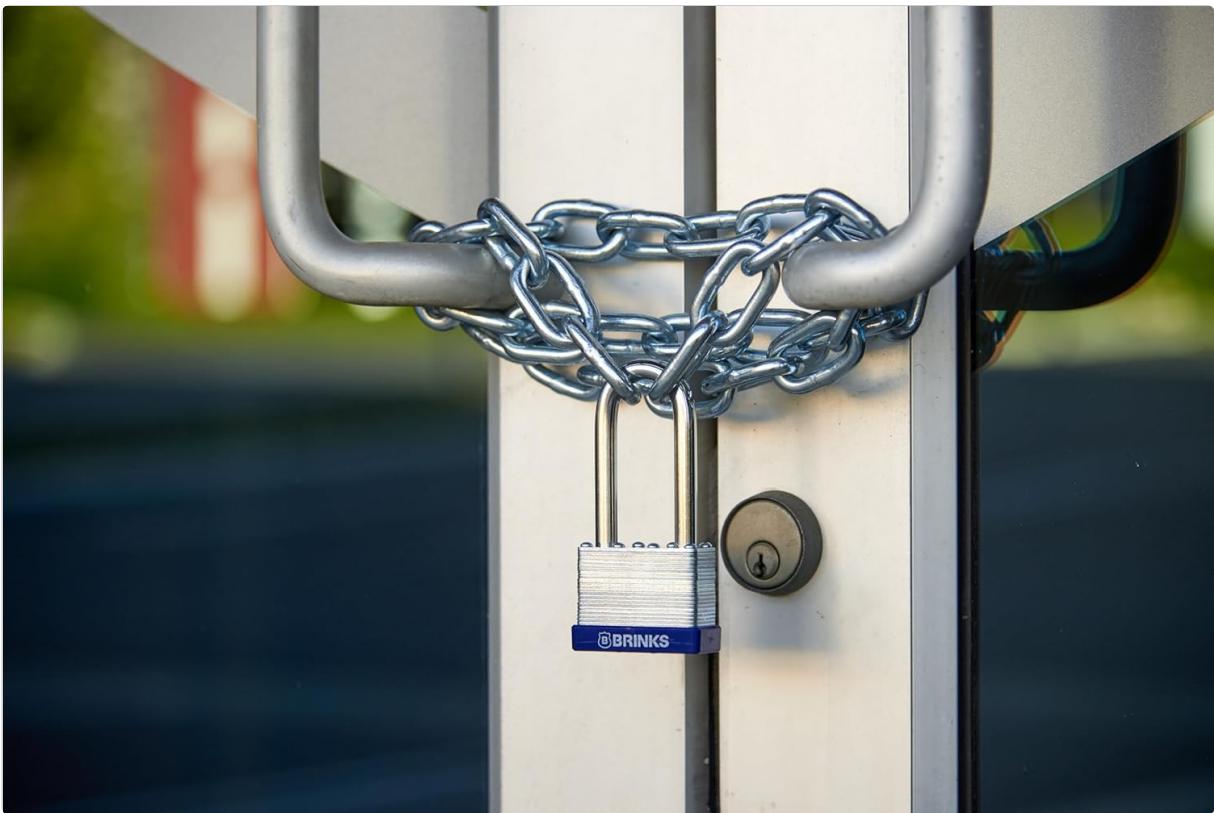


Figure 4.2: The padlock securing a metal chain wrapped around two silver door handles on a glass door. This illustrates its application for commercial or residential door security.

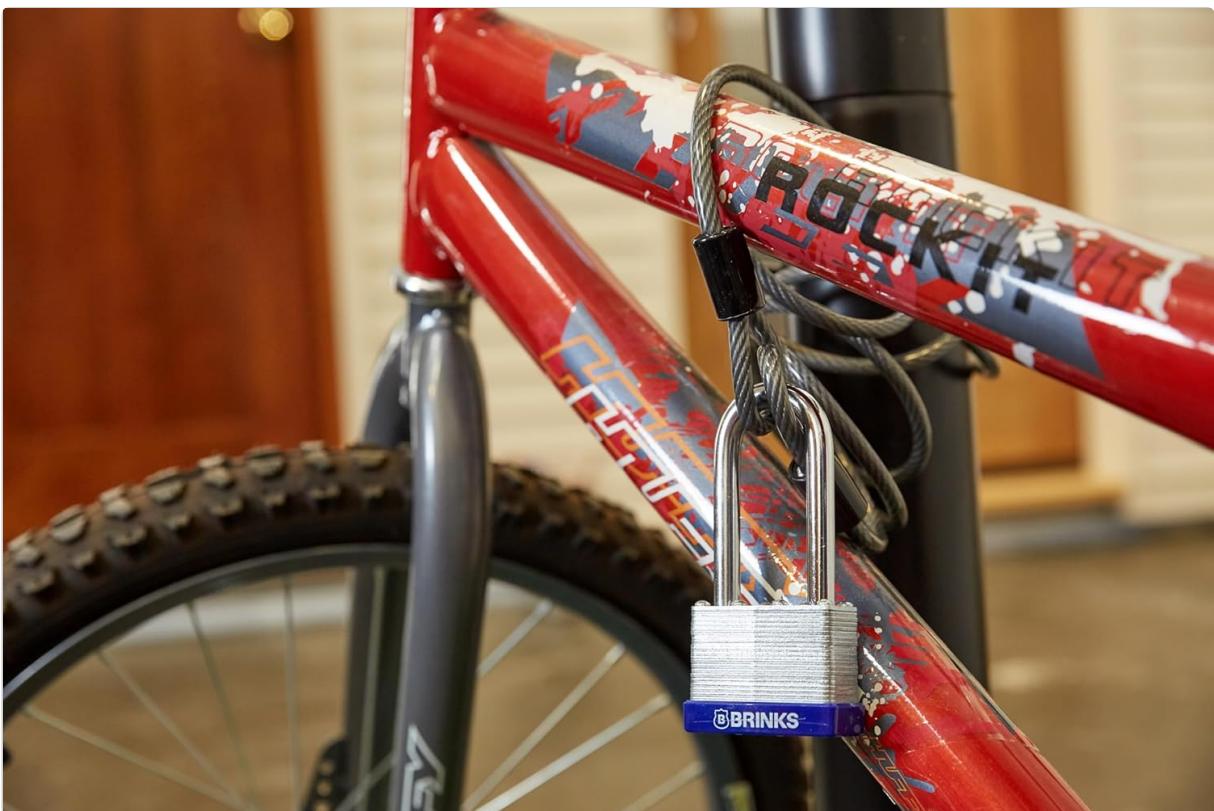


Figure 4.3: The padlock securing a bicycle frame to a stationary post using a cable. This shows its use for personal property security.

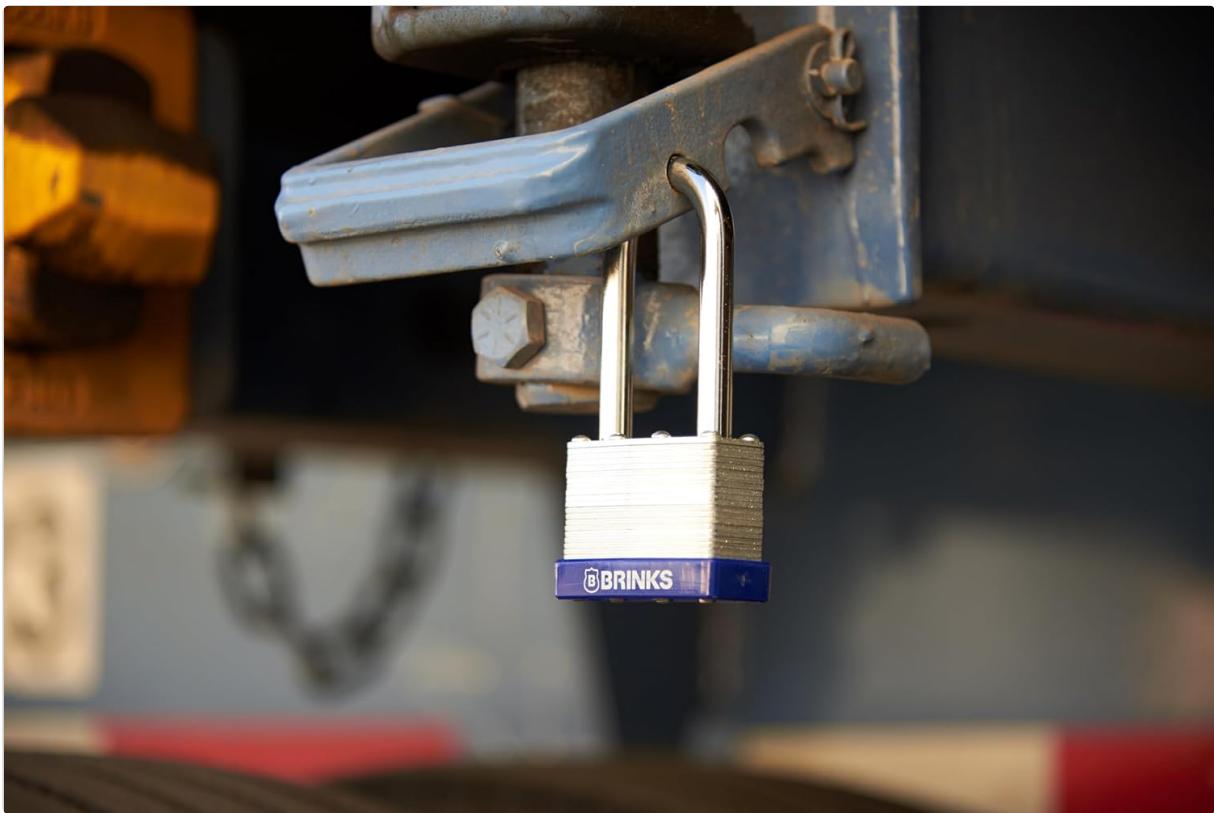


Figure 4.4: The padlock securing a heavy-duty metal latch, possibly on a trailer or storage container. This highlights its suitability for industrial or outdoor applications.

5. CARE AND MAINTENANCE

- **Cleaning:** Periodically wipe the padlock body and shackle with a soft, damp cloth to remove dirt and grime. Avoid using abrasive cleaners or solvents, as these can damage the finish or internal components.
- **Lubrication:** If the key mechanism becomes stiff or difficult to operate, apply a small amount of graphite lubricant or a silicone-based lock lubricant into the keyway. Do not use oil-based lubricants, as they can attract dust and debris, potentially causing further issues.
- **Storage:** Store the padlock in a dry environment when not in use to prevent moisture accumulation and potential corrosion, especially if used outdoors.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Key is stiff or difficult to turn	Dirt/debris in keyway, lack of lubrication, bent key	Ensure key is fully inserted. Apply graphite or silicone-based lock lubricant. Use the spare key if the primary key is damaged.
Shackle does not open/close smoothly	Obstruction, dirt, or corrosion in shackle mechanism	Inspect for obstructions. Clean the shackle and shackle holes. Apply lock lubricant to the shackle entry points.
Padlock will not lock	Shackle not fully inserted, internal mechanism obstruction	Ensure the shackle is pushed down firmly until it clicks. Check for any foreign objects preventing full shackle engagement.

Problem	Possible Cause	Solution
Lost all keys	Keys are irreplaceable without professional intervention	The padlock will need to be replaced or professionally removed. Keep spare keys in a secure, separate location.

7. SPECIFICATIONS

Brand	BRINKS
Model Name	Brink's High Security 50mm Long Shackle Laminated Steel Padlock
Model Number	887249
UPC	039208251112
Lock Type	Pin Tumbler
Material	Laminated Steel body, Boron Steel shackle
Shackle Clearance	2-1/2 inches (approx. 63.5 mm)
Cut Resistance	9,300 lbs.
Pry Resistance	3,000 lbs.
Product Dimensions (L x W x H)	4.3 x 1.2 x 2.05 inches (approx. 109.2 x 30.5 x 52.1 mm)
Item Weight	12.7 ounces (approx. 360 grams)
Color	Black (referring to the bumper)
Special Features	Cut Resistant, Form-fitted plastic bumper

8. SAFETY INFORMATION

- Do not attempt to force the key or shackle, as this may damage the internal mechanism of the lock.
- Always keep spare keys in a secure and separate location from the padlock itself to prevent complete loss of access.
- While designed for high security, this padlock is a deterrent to theft and unauthorized access. It cannot guarantee absolute security against all forms of determined attack.
- Ensure the padlock is correctly applied and fully locked to the item or fixture you intend to secure.

9. WARRANTY AND SUPPORT

For detailed warranty information regarding your Brink's High Security 50mm Long Shackle Laminated Steel Padlock, please refer to the documentation included with your original purchase. You may also visit the official BRINKS website for the most current warranty terms and conditions.

For product support, technical assistance, or any inquiries not covered in this manual, please contact BRINKS customer service through their official website or designated support channels. Provide your model number (887249) when seeking assistance.

