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Master Lock M5NKASTSLJ

Master Lock Magnum Padlock M5NKASTSLJ Instruction Manual

Model: M5NKASTSLJ | Brand: Master Lock

INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your Master Lock Magnum Padlock, Model M5NKASTSLJ. This padlock is designed for enhanced security, featuring advanced BumpStop Technology to resist lock bumping. Understanding these instructions will ensure optimal performance and longevity of your lock.

KEY FEATURES

- **BumpStop Advanced Cylinder Technology:** Engineered to prevent lock bumping, a common method of forced entry.
- **Keyed Alike:** If multiple locks are purchased in a set, they are designed to operate with the same key for convenience. Each lock comes with 2 keys.
- **Durable Construction:** Features a 2-inch (51mm) wide laminated steel body for superior strength.
- **Boron Carbide Shackle:** Equipped with a 2-1/2 inch (64mm) long, 3/8 inch thick octagonal boron carbide shackle, which is 50% harder than hardened steel for increased cut resistance.
- **Weather Resistance:** Stainless steel body cover and top/bottom plates, along with a chrome-plated shackle, provide exceptional protection against outdoor elements, corrosion, and caustic environments.
- **Pry Resistance:** Incorporates dual-ball bearing locking mechanisms for superior resistance against prying attempts.

Keyed Alike



Image 1: Master Lock Magnum Padlock M5NKASTSLJ. This image displays the padlock with its shackle and body, alongside two keys, highlighting its keyed-alike feature and BumpStop technology.

SETUP

1. **Inspect Contents:** Verify that your package contains one Master Lock Magnum Padlock M5NKASTSLJ and two identical keys.
2. **Initial Test:** Insert one of the provided keys into the keyway and turn it clockwise to unlock the shackle. The shackle should spring open.
3. **Locking:** Close the shackle by pressing it down firmly into the lock body until it clicks. Remove the key.
4. **Unlocking:** Insert the key into the keyway and turn it clockwise. The shackle will release, allowing the padlock to open.

OPERATING INSTRUCTIONS

The Master Lock Magnum Padlock is designed for straightforward operation.

- **To Lock:** Ensure the shackle is fully extended. Align the shackle ends with the holes in the lock body. Press the shackle down firmly until you hear a click, indicating it is securely locked. Remove the key.
- **To Unlock:** Insert the key fully into the keyway. Turn the key clockwise until the shackle springs open. Remove the key to fully open the shackle.

Note: Always ensure the key is fully inserted before turning to prevent damage to the lock mechanism.

MAINTENANCE

Regular maintenance will extend the life and ensure smooth operation of your Master Lock padlock.

- **Lubrication:** For optimal performance, especially in harsh weather conditions, periodically apply a small amount of graphite lubricant or a silicone-based spray into the keyway and around the shackle mechanism. Avoid oil-based lubricants as they can attract dirt.
- **Cleaning:** Wipe the lock body and shackle with a clean, dry cloth to remove dirt and debris. For stubborn grime, a mild soap solution can be used, followed by thorough drying.
- **Inspection:** Periodically check the shackle and lock body for any signs of wear, damage, or corrosion. Address any issues promptly.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Key is stiff or difficult to insert/turn.	Dirt or debris in keyway; lack of lubrication; bent key.	Apply graphite lubricant to keyway. Clean key. Do not force a bent key; use a spare.
Shackle does not open or close smoothly.	Corrosion or debris in shackle mechanism; lack of lubrication.	Apply lubricant to shackle entry points. Clean shackle and body.
Lock does not engage (shackle won't click).	Obstruction in locking mechanism; shackle not fully aligned.	Ensure shackle is clear of obstructions and aligned correctly. Press firmly.

SPECIFICATIONS

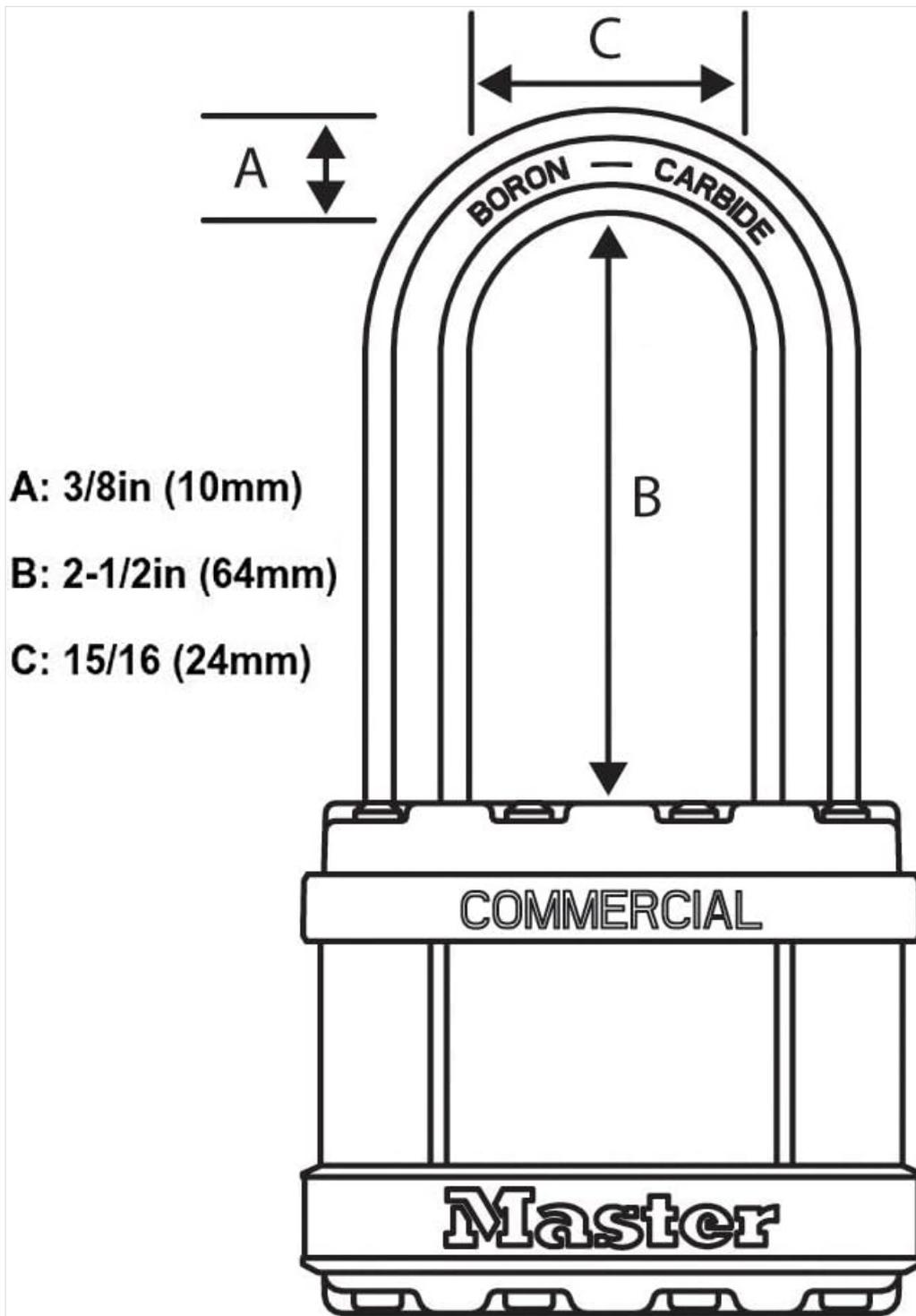


Image 2: Dimensional diagram of the Master Lock Magnum Padlock. This diagram illustrates the key measurements of the padlock's shackle and body for reference.

- **Model Number:** M5NKASTSLJ
- **Body Width:** 2 inches (51mm)
- **Shackle Length:** 2-1/2 inches (64mm)
- **Shackle Diameter:** 3/8 inch (10mm)
- **Shackle Material:** Octagonal Boron Carbide
- **Body Material:** Laminated Steel with Stainless Steel Cover
- **Special Features:** BumpStop Advanced Cylinder Technology, Weather Resistant, Dual-Ball Bearing Locking
- **Included Components:** 1 Padlock, 2 Keys
- **Item Weight:** Approximately 14.4 ounces
- **Package Dimensions:** Approximately 5.63 x 2.72 x 1.42 inches

BUMPSTOP TECHNOLOGY EXPLAINED

The Master Lock Magnum Padlock incorporates BumpStop Advanced Cylinder Technology, an innovative design that significantly enhances security against lock bumping. Lock bumping is a method where a specially cut key (a "bump key") is inserted into a lock and struck, causing the pins to momentarily jump, allowing the cylinder to turn and the lock to open. BumpStop Technology utilizes a unique reverse rake tapered driver pin, high-performance springs, and tightly machined cylinder chambers. During a bump attempt, this design prevents the transfer of force from the bump key to the pins, thereby blocking the rotation of the cylinder and ensuring the lock remains secured. This technology exceeds ASTM F883-09 Grade 6 requirements for bump resistance.

Your browser does not support the video tag.

Video 1: Explanation of Master Lock's BumpStop Technology. This video demonstrates how the advanced cylinder design prevents lock bumping by inhibiting pin movement, ensuring the lock remains secure against unauthorized entry attempts.

WARRANTY AND SUPPORT

Master Lock stands behind the quality of its products. For warranty information, product support, or to inquire about additional services, please visit the official Master Lock website or contact their customer service department. Keep your purchase receipt as proof of purchase.

Online Support: www.masterlock.com

