

Ilco C123

Ilco C123 Key Blank Instruction Manual

Comprehensive guide for the Ilco C123 Key Blank, compatible with SCH C123 keyways.

PRODUCT OVERVIEW

The Ilco C123 Key Blank is a high-quality, uncut key designed for professional key cutting and duplication. It is specifically manufactured to be compatible with SCH C123 lock sections, ensuring a precise fit and reliable operation when properly cut. This product is typically supplied in packs of 50 blanks, making it suitable for locksmiths and businesses requiring bulk quantities.



This image displays the Ilco C123 key blank. It is a standard brass-colored key blank designed for compatibility with SCH C123 keyways. The head of the key is clearly marked with 'C123' to indicate its specific type.

Setup and Preparation

Before cutting, ensure you have the correct equipment and a clean working environment. Proper preparation is crucial for accurate key duplication.

- **Inspect Blanks:** Before use, visually inspect each Ilco C123 key blank for any manufacturing defects, bends, or burrs that could affect the cutting process or the key's functionality.
- **Verify Compatibility:** Confirm that the key blank's profile matches the original key and the intended lock's keyway (SCH C123).
- **Calibrate Key Machine:** Ensure your key cutting machine is properly calibrated and maintained according to the manufacturer's instructions. An uncalibrated machine can lead to inaccurate cuts.
- **Cleanliness:** Keep the key machine and work area free of debris and metal shavings to prevent interference during cutting.

Operating Instructions (Key Cutting)

Follow these general steps for cutting the Ilco C123 key blank. Always refer to your specific key cutting machine's manual for detailed operating procedures.

1. **Secure Original Key:** Place the original key securely in the vise of the key cutting machine, ensuring it is properly aligned and seated.
2. **Secure Key Blank:** Place the Ilco C123 key blank in the corresponding vise, ensuring it is aligned precisely with the original key.
3. **Initiate Cutting:** Carefully engage the cutting mechanism. Follow the machine's instructions for tracing the original key's cuts onto the blank. Apply steady, even pressure.
4. **Deburr:** After cutting, remove the key from the machine. Use a wire brush or deburring tool to remove any sharp edges or burrs from the newly cut key. This step is critical for smooth operation and to prevent damage to the lock cylinder.
5. **Test Fit:** Before handing over the key, test its fit and function in the intended lock. The key should insert smoothly, turn without excessive force, and retract easily.

Maintenance and Storage

Proper maintenance and storage of key blanks ensure their quality and readiness for use.

- **Storage:** Store Ilco C123 key blanks in a dry, cool environment, away from direct sunlight and excessive humidity. Keep them in their original packaging or in designated key blank organizers to prevent damage and corrosion.
- **Handling:** Handle blanks by the head whenever possible to avoid transferring oils or dirt to the blade, which could affect cutting accuracy or future lock operation.
- **Avoid Contaminants:** Keep blanks away from corrosive chemicals, abrasive materials, and excessive dust.

Troubleshooting

If you encounter issues with cut keys, consider the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Key does not insert smoothly or fully into the lock.	<ul style="list-style-type: none">◦ Burrs or sharp edges on the key.◦ Incorrect key blank profile.◦ Key cut too wide or too thick.	<ul style="list-style-type: none">◦ Thoroughly deburr the key.◦ Verify the key blank is indeed an Ilco C123 and matches the original.◦ Check key machine calibration and cutting wheel wear.
Key inserts but does not turn the lock.	<ul style="list-style-type: none">◦ Incorrect depth of cuts.◦ Incorrect spacing of cuts.◦ Key machine calibration issues.	<ul style="list-style-type: none">◦ Re-check key machine calibration.◦ Compare the cut key precisely with the original key using a caliper or key gauge.◦ Ensure the original key was seated correctly during cutting.
Key feels loose or wobbly in the lock.	<ul style="list-style-type: none">◦ Key blank is slightly undersized.◦ Excessive wear on the lock cylinder.	<ul style="list-style-type: none">◦ While Ilco C123 blanks are designed for precision, slight variations can occur. Ensure proper seating in the key machine.◦ If the lock is old, it might require servicing or replacement.

If problems persist, it is recommended to consult with an experienced locksmith or refer to advanced key cutting guides.

SPECIFICATIONS

Attribute	Detail
Manufacturer	Ilco
Part Number	C123
Item Weight	1.72 pounds (for 50-pack)
Package Dimensions	3.11 x 3.11 x 2.13 inches
Item Model Number	C123
Item Package Quantity	50
Batteries Required?	No
Date First Available	April 24, 2020

WARRANTY AND SUPPORT

Specific warranty information for Ilco C123 Key Blanks is not provided in this manual. For details regarding product warranty, technical support, or any inquiries about the Ilco C123 key blanks, please contact Ilco directly through their official website or customer service channels. Ensure you have your purchase information readily available when contacting support.

