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## LOKSERT 3732-1/4TWK

# LOKSERT 3732-1/4TWK Key-Locking Thread Insert Kit

Model: 3732-1/4TWK

## PRODUCT OVERVIEW

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The LOKSERT 3732-1/4TWK Key-Locking Thread Insert Kit provides high-strength internal threads designed to resist the effects of temperature and corrosion. Manufactured from high-quality chromium nickel stainless steel, these wire thread inserts offer superior performance compared to other single fastening methods.

Key features include:

- Source for quality choices in thread inserts, external thread-rolling repair tools, screwdriver bits, blind rivets and rivet nuts.
- Manufactured by LOKSERT.
- Proudly manufactured in the United States.



*Image: A close-up view of the LOKSERT 3732-1/4TWK Key-Locking Thread Insert, showing its threaded body and locking keys. This insert is designed for creating durable, high-strength internal threads.*

## SAFETY INFORMATION

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Always prioritize safety when working with tools and industrial components. Read and understand all instructions before use. Failure to follow safety guidelines may result in injury or damage to property.

- Wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and hearing protection, as required by your work environment.
- Ensure the workpiece is securely clamped before performing any operations.
- Use tools that are in good condition and suitable for the task.
- Keep work area clean and well-lit.
- Do not modify the thread inserts or associated tools.
- Store components safely away from children and unauthorized personnel.

## SETUP

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Proper setup is crucial for successful thread insert installation. Ensure you have all necessary tools and the workpiece is prepared correctly.

1. **Identify the correct drill size:** Refer to the specifications for the appropriate drill diameter for the pilot hole.
2. **Drill the pilot hole:** Drill a clean, straight pilot hole to the specified depth. Ensure the hole is free of burrs and debris.
3. **Tap the hole:** Use the correct tap for the external thread of the insert. Tap the hole to the recommended depth, ensuring threads are clean and complete.
4. **Clean the hole:** Remove any chips or cutting fluid from the tapped hole.
5. **Inspect components:** Verify that the thread insert and installation tool are clean and undamaged.

## OPERATING INSTRUCTIONS (INSTALLATION)

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Follow these steps for the correct installation of the LOKSERT Key-Locking Thread Insert:

1. **Thread the insert onto the installation tool:** Ensure the keys on the insert align with the slots on the tool, if applicable.
2. **Align the insert:** Carefully align the insert with the tapped hole in the workpiece.
3. **Drive the insert:** Apply steady, even pressure while rotating the installation tool clockwise to drive the insert into the tapped hole. Continue until the top of the insert is flush or slightly below the surface of the workpiece.
4. **Drive the keys:** Once the insert is seated, use a hammer and the appropriate key-driving tool (or the installation tool itself, if designed for it) to drive the locking keys down into the material of the workpiece. This locks the insert securely in place.
5. **Remove the installation tool:** Carefully unthread and remove the installation tool.
6. **Inspect installation:** Verify that the insert is fully seated, the keys are driven, and the internal threads are clean and ready for use.

## MAINTENANCE

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Proper maintenance of your tools and components ensures their longevity and reliable performance.

- **Cleaning:** After each use, clean any residue or debris from installation tools.
- **Storage:** Store thread inserts and tools in a dry, clean environment to prevent corrosion. Keep them in their original packaging or a suitable storage container.
- **Inspection:** Periodically inspect installation tools for wear or damage. Replace worn or damaged tools to ensure proper installation.

- **Lubrication:** Some installation tools may require light lubrication; refer to the tool's specific instructions.

## TROUBLESHOOTING

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This section addresses common issues that may arise during the installation of thread inserts.

Problem	Possible Cause	Solution
Insert does not thread smoothly.	Incorrect tap size; debris in hole; misaligned tool.	Verify tap size; clean hole thoroughly; ensure tool is aligned straight.
Keys do not drive fully.	Insufficient force; incorrect key-driving tool; hard material.	Apply more force; use correct key-driving tool; consider pre-drilling small holes for keys in very hard materials (consult material specifications).
Insert spins after installation.	Keys not driven; hole tapped too large; material too soft.	Ensure keys are fully driven; verify tap size was correct; consider using a larger insert or a different fastening method for soft materials.

## SPECIFICATIONS

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Detailed specifications for the LOKSERT 3732-1/4TWK Key-Locking Thread Insert Kit:

**Model Number:** 3732-1/4TWK

**ASIN:** B076TD49LC

**Package Dimensions:** 8 x 5 x 4 inches

**Item Weight:** 12.8 ounces

**Manufacturer:** Crossroad Distributor Source

**First Available Date:** October 25, 2017

**Material:** High quality chromium nickel stainless steel

**Thread Size:** 1/4-20X3/8-16 (as per product title, implies internal/external thread sizes)

## WARRANTY AND SUPPORT

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For specific warranty information or technical support regarding the LOKSERT 3732-1/4TWK Key-Locking Thread Insert Kit, please contact the manufacturer, Crossroad Distributor Source, directly. Contact details are typically available on their official website or product packaging.

Always refer to the official manufacturer's documentation for the most accurate and up-to-date information on product use, maintenance, and warranty terms.