

STANLEY 160173XSTN

STANLEY 160173XSTN Chipping Hammer Kit

USER MANUAL

1. Introduction

This manual provides essential information for the safe and effective operation, setup, and maintenance of your STANLEY 160173XSTN Chipping Hammer Kit. Please read these instructions carefully before using the tool to ensure proper function and to prevent injury. This pneumatic chipping hammer is designed for various demolition and chipping tasks in construction and DIY projects.

2. Safety Instructions

Always observe basic safety precautions to reduce the risk of personal injury and damage to the tool. Keep this manual for future reference.

- **Eye Protection:** Always wear ANSI-approved safety goggles or safety glasses with side shields.
- **Hearing Protection:** Wear hearing protection during operation, as the tool produces a noise level of 65 dB.
- **Hand Protection:** Wear sturdy work gloves to protect hands from vibration and debris.
- **Respiratory Protection:** If working in dusty environments, wear a dust mask or respirator.
- **Secure Workpiece:** Always secure the material you are working on to prevent movement during operation.
- **Disconnect Air Supply:** Disconnect the tool from the air supply before changing accessories, performing maintenance, or when not in use.
- **Proper Air Pressure:** Ensure the air compressor is set to the recommended operating pressure for the tool. Do not exceed the maximum pressure.
- **Clear Work Area:** Keep the work area clean, well-lit, and free of obstructions.
- **Avoid Accidental Starting:** Ensure the trigger is not engaged when connecting to the air supply.
- **Inspect Tool:** Before each use, inspect the tool and accessories for damage or wear. Do not use damaged equipment.

3. Package Contents

Verify that all items are present in your STANLEY 160173XSTN Chipping Hammer Kit:



Image 1: All components included in the STANLEY 160173XSTN Chipping Hammer Kit. This includes the main pneumatic hammer, four different types of chisels, two quick-connect fittings, a small bottle of lubricating oil, and a spring retainer for securing chisels.

- 1 x STANLEY Pneumatic Chipping Hammer
- 4 x Various Chisels (e.g., flat chisel, point chisel, scaling chisel)
- 2 x Quick Connectors (1/4 inch)
- 1 x Oil Bottle
- 1 x Spring Retainer

4. Setup

Follow these steps to prepare your chipping hammer for use:

1. **Connect Air Supply:** Attach one of the 1/4 inch quick connectors to the air inlet of the chipping hammer. Connect your air hose from a compressor to this fitting. Ensure the connection is secure and leak-free.
2. **Lubrication:** Before each use, add a few drops of pneumatic tool oil (provided) into the air inlet of the chipping

hammer. This is crucial for the longevity and performance of the tool.

3. Install Chisel:

- Slide the spring retainer over the barrel of the chipping hammer.
- Insert the desired chisel into the hammer's chuck until it seats firmly.
- Pull the spring retainer forward until it locks the chisel in place. Ensure the chisel is securely held and cannot fall out during operation.

4. **Air Compressor Settings:** Set your air compressor to the recommended operating pressure. Refer to your compressor's manual for proper operation.

5. Operating Instructions

Once the tool is set up, you can begin operation:

1. **Grip:** Hold the chipping hammer firmly with both hands if possible, maintaining a stable stance.
2. **Positioning:** Place the tip of the chisel against the material you intend to chip or break.
3. **Start Operation:** Press the trigger to activate the hammer. The tool delivers an impressive force of 5 joules at 4000 blows per minute.
4. **Control:** Apply steady, controlled pressure. Do not force the tool; let the hammer do the work. Adjust the angle of the chisel as needed for effective material removal.
5. **Changing Chisels:** To change chisels, disconnect the air supply, pull back the spring retainer, remove the current chisel, and insert a new one following the installation steps in Section 4.
6. **Stopping Operation:** Release the trigger to stop the hammer. Always disconnect the air supply when finished or when leaving the tool unattended.

6. Maintenance

Regular maintenance ensures optimal performance and extends the life of your chipping hammer.

- **Daily Lubrication:** Add a few drops of pneumatic tool oil into the air inlet before each use. This lubricates internal components and prevents corrosion.
- **Cleanliness:** Keep the tool clean and free of debris. Wipe down the exterior with a clean cloth.
- **Air Filter:** If your air compressor has an inline air filter, ensure it is regularly cleaned or replaced to prevent contaminants from entering the tool.
- **Chisel Inspection:** Regularly inspect chisels for wear, dullness, or damage. Replace worn chisels to maintain efficiency and safety.
- **Storage:** Store the tool in a dry, clean environment when not in use. Disconnect it from the air supply.

7. Troubleshooting

If you encounter issues with your chipping hammer, refer to the following common problems and solutions:

- **Low Power/Weak Impact:**
 - Check air pressure from the compressor. Ensure it meets the tool's requirements.
 - Verify air hose and connections for leaks.
 - Ensure the tool is properly lubricated.
 - Check for obstructions in the air inlet or internal passages.
- **Air Leaks:**

- Tighten all connections (hose to tool, hose to compressor).
- Inspect O-rings and seals for wear or damage. Replace if necessary.

- **Chisel Not Staying in Place:**

- Ensure the spring retainer is correctly positioned and fully engaged.
- Inspect the spring retainer for damage or weakness. Replace if faulty.
- Verify the chisel shank is not excessively worn.

- **Tool Not Starting:**

- Confirm air supply is connected and turned on.
- Check for sufficient air pressure.
- Ensure the trigger mechanism is not jammed.

If problems persist, contact STANLEY customer support or a qualified service technician.

8. Specifications

Feature	Specification
Brand	STANLEY
Model	160173XSTN
Power Source	Pneumatic (Air Compressor)
Impact Force	5 Joules
Blows Per Minute (BPM)	4000
Air Connection	1/4 inch
Noise Level	65 Decibels
Weight	1 kg (Lightweight)
Special Features	Lightweight, Ergonomic
Recommended Use	Construction

9. Warranty and Support

For information regarding product warranty, service, or technical support, please refer to the warranty card included with your product or visit the official STANLEY website. You can also contact STANLEY customer service directly for assistance with your 160173XSTN Chipping Hammer Kit.

Online Support: www.stanleytools.com/support

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question