

HANDSKIT 927-200W

HANDSKIT Model 927-200W Soldering Iron Tip Set User Manual

Model: 927-200W

1. INTRODUCTION

This manual provides essential information for the proper use, installation, and maintenance of your HANDSKIT Model 927-200W Soldering Iron Tip Set. Please read these instructions carefully before use to ensure safe and effective operation.

2. PRODUCT FEATURES

- High-quality construction: Tips are both iron and nickel plated, providing anti-oxidation properties for extended lifespan.
- Designed for the HANDSKIT Model 927-200W soldering iron.
- Easy to clean and replace, optimizing efficiency during maintenance and repair tasks.
- Professional heat-resistant material ensures reliable product quality.
- Temperature Range: 180-480°C.



Image 1: Various tip shapes included in the HANDSKIT Model 927-200W Soldering Iron Tip Set. From left to right, a chisel tip, a conical tip, a cylindrical tip, and another conical tip with a slightly different angle.

3. PACKAGE CONTENTS

The HANDSKIT Model 927-200W Soldering Iron Tip Set includes:

- 4 x Model 927-200W Soldering Iron Tips (various shapes)

4. SETUP AND TIP REPLACEMENT

Follow these steps to safely replace the soldering iron tip:

1. Ensure the soldering iron is unplugged and completely cooled down before attempting to replace the tip.
2. Locate the retaining nut or collar that secures the tip to the heating element.
3. Carefully unscrew or loosen the retaining mechanism.
4. Gently pull the old tip straight out from the heating element.
5. Insert the new HANDSKIT Model 927-200W tip into the heating element, ensuring it is fully seated.

6. Tighten the retaining nut or collar to secure the new tip in place. Do not overtighten.

HOW TO REPLACE THE SOLDERING IRON TIP

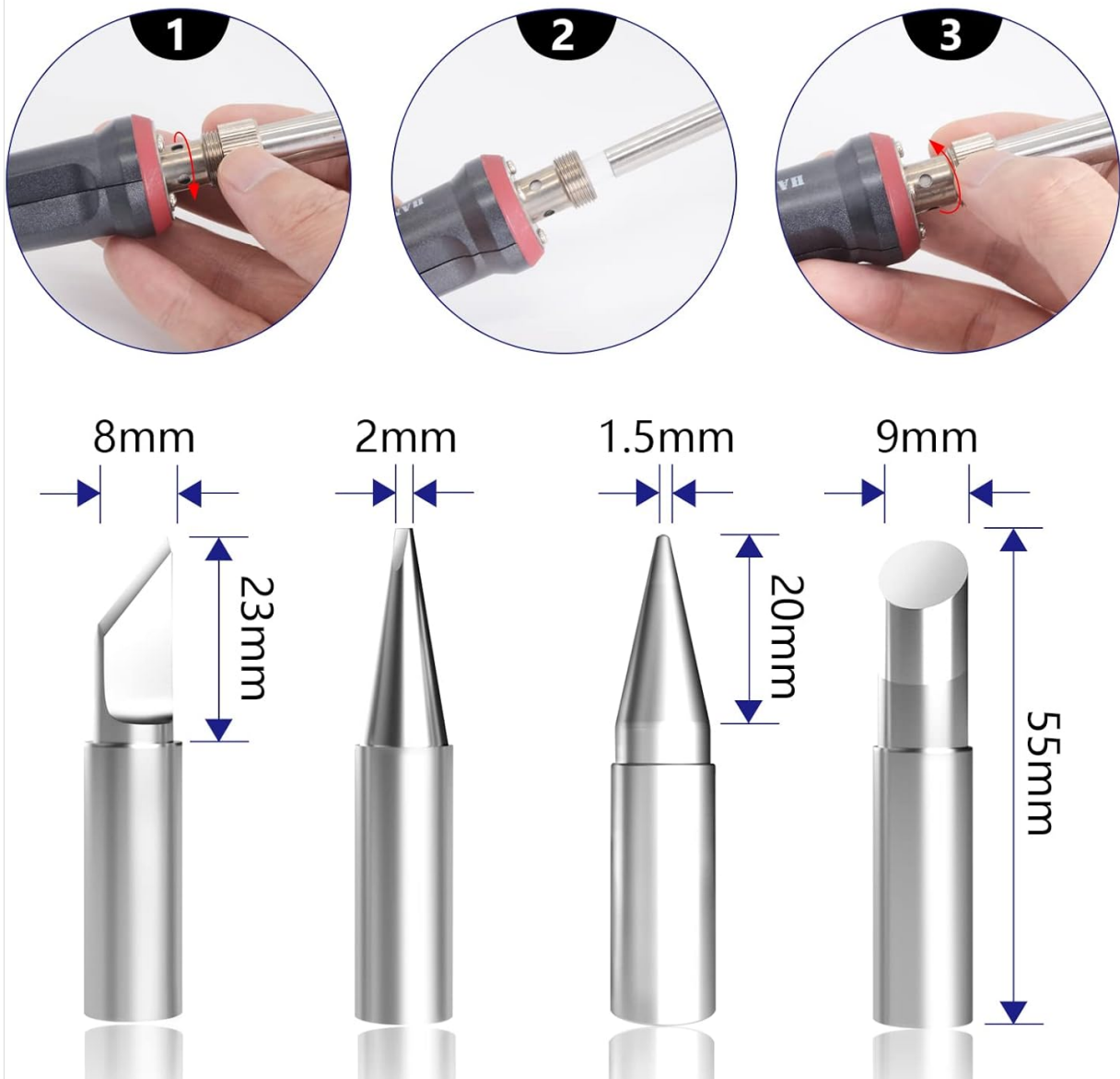


Image 2: Visual guide for replacing a soldering iron tip. Step 1 shows unscrewing the collar, Step 2 shows removing the old tip, and Step 3 shows inserting and securing the new tip. Below the replacement guide, detailed dimensions for four different tip types are provided, including length and tip width.

5. OPERATING INSTRUCTIONS

These tips are designed for use with the HANDSKIT Model 927-200W soldering iron. Always refer to your soldering iron's manual for specific operating procedures. General guidelines include:

- Ensure proper ventilation in your workspace.
- Select the appropriate tip shape and size for your soldering task.
- Set the soldering iron to the desired temperature within the 180-480°C range.
- Always tin the tip with solder before and after use to prevent oxidation and ensure efficient heat transfer.
- Use a damp sponge or brass wool to clean the tip regularly during soldering.

6. MAINTENANCE

Proper maintenance extends the life of your soldering iron tips:

- **Cleaning:** Regularly clean the tip with a damp cellulose sponge or brass wool to remove excess solder and flux residue. Avoid abrasive materials that can damage the plating.
- **Tinning:** Always tin the tip with a fresh coat of solder before storing it. This protects the tip from oxidation.
- **Storage:** Store tips in a dry, clean environment.
- **Inspection:** Periodically inspect tips for signs of excessive wear or pitting. Replace tips when they no longer hold solder effectively or show significant degradation.

7. TROUBLESHOOTING

If you encounter issues with your soldering iron tips, consider the following:

- **Tip not heating:** Ensure the tip is correctly installed and secured in the soldering iron. Verify the soldering iron itself is functioning correctly.
- **Solder not adhering to tip:** This is often due to oxidation. Clean the tip thoroughly and re-tin it with fresh solder. If the tip is heavily oxidized, a tip tinner compound may be required, or the tip may need replacement.
- **Poor solder joints:** Ensure the tip is clean and properly tinned. Verify the temperature setting is appropriate for the solder and components being used.

8. SPECIFICATIONS

Attribute	Detail
Model	927-200W
Material	Iron + Copper (Nickel Plated)
Color	Silver
Temperature Range	180-480°C
Item Weight	Approximately 2.89 ounces (for the set)
Package Dimensions	Approximately 4.41 x 2.83 x 0.47 inches

9. CUSTOMER SUPPORT

For any questions or assistance regarding your HANDSKIT Model 927-200W Soldering Iron Tip Set, please contact the store customer service. We aim to reply to emails within 72 hours.