

The Beadsmith MAN111

The Beadsmith Mini Mandrel Set (Model MAN111)

7 Piece Jewelry Forming Tool Instruction Manual

1. INTRODUCTION

This manual provides instructions for the proper use and care of The Beadsmith 7-Piece Mini Mandrel Set. This tool set is designed to assist in creating consistently shaped wire components for jewelry making and other craft projects. The set includes mandrels in seven distinct shapes: oval, square, drop, rectangle, triangle, heart, and star.

2. PRODUCT OVERVIEW

The Beadsmith Mini Mandrel Set offers the following features:

- **Versatile Tool Set:** Includes seven mini mandrels (oval, square, drop, rectangle, triangle, heart, star) for diverse wire shaping.
- **Consistent Results:** Tapered tips on each mandrel allow for precise and uniform wire loops and shapes.
- **High-Quality Construction:** Made from durable carbon steel with a smooth, sanded finish to prevent marring of wire.
- **Compact Size:** Each tool measures approximately 3.5 inches in length, providing excellent control for intricate designs.
- **Portable Storage Case:** A plastic storage box is included to keep all seven mandrels organized and protected.



Image 1: The complete Beadsmith 7-Piece Mini Mandrel Set, showcasing all seven shapes.

3. SETUP

1. **Unpack:** Carefully remove the mandrel set from its packaging.
2. **Inspect:** Check all seven mandrels for any signs of damage or manufacturing defects.
3. **Organize:** Familiarize yourself with the different shapes and store them in the provided plastic case when not in use.



4. OPERATING INSTRUCTIONS

Follow these steps to effectively use your mini mandrel set for wire shaping:

1. **Select Mandrel:** Choose the mandrel with the desired shape and size for your project. The tapered design allows for various diameters.
2. **Position Wire:** Place the end of your wire against the mandrel at the point where you want your shape to begin.
3. **Wrap Wire:** Begin to wrap the wire around the mandrel, applying consistent tension. Pull the wire tightly to ensure a clean, defined shape.
4. **Continue Shaping:** Continue wrapping until you achieve the desired number of coils or the full shape required for your component.
5. **Remove and Finish:** Carefully slide the shaped wire off the mandrel. Use appropriate wire cutters to snip the wire to its final length, creating consistently shaped components.



Image 3: A user demonstrating how to wrap wire around a heart-shaped mandrel to create a jewelry component.



Image 4: An example of a finished wire heart shape, ready for integration into a jewelry piece.

5. MAINTENANCE

- **Cleaning:** After each use, wipe the mandrels with a soft, dry cloth to remove any residue or oils.
- **Storage:** Always store the mandrels in their provided plastic case to protect them from dust, moisture, and potential damage. Proper storage helps maintain the smooth surface and prevents marring of wire during future use.
- **Avoid Harsh Chemicals:** Do not use abrasive cleaners or harsh chemicals on the mandrels, as this may damage the finish.

6. TROUBLESHOOTING

- **Inconsistent Shapes:** Ensure consistent tension is applied to the wire while wrapping. Practice with scrap wire to develop a steady technique.
- **Wire Marring:** Verify that the mandrel surface is clean and free of debris. The carbon steel is sanded smooth to prevent marring, but external factors can cause issues.
- **Difficulty Removing Wire:** If wire is difficult to remove, ensure you are not wrapping it too tightly or using a wire gauge that is too thick for the mandrel's taper.

7. SPECIFICATIONS

Attribute	Detail
Brand	The Beadsmith
Model Name	The Beadsmith 7-Piece Mini Mandrel Set
Item Model Number	MAN111
Material	Carbon Steel
Number of Pieces	7
Individual Tool Length	Approximately 3.5 inches
Item Weight	7.4 ounces (0.21 Kilograms)
Included Components	7 Mandrels, Plastic Storage Case
UPC	196444013789

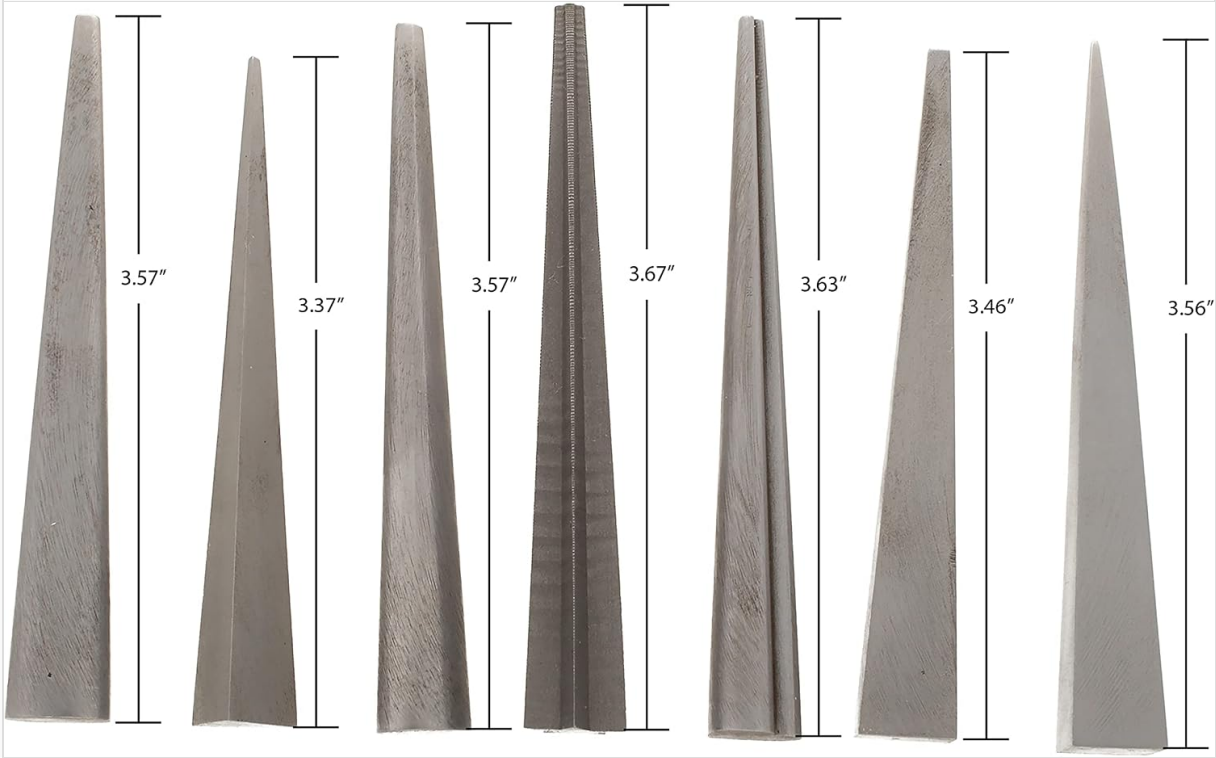


Image 5: Various mandrels displayed with their approximate length measurements.

8. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or customer support, please refer to the retailer's policy where the product was purchased or visit The Beadsmith official website. Keep your purchase receipt as proof of purchase.

