

## TOP FN-100

# TOP FN-100 (Stainless) Precision Pliers User Manual

Model: FN-100 | Brand: TOP

## 1. INTRODUCTION

This manual provides essential information for the safe and effective use of your TOP FN-100 (Stainless) Precision Pliers. Please read this manual thoroughly before using the product and retain it for future reference.

## Product Overview

The TOP FN-100 is a high-quality, precision flat-nose plier designed for intricate tasks. Manufactured in Japan from durable stainless steel, it offers excellent resistance to rust and wear. Its smooth, polished surface prevents damage to delicate components, making it suitable for a wide range of applications including hobbies, crafts, jewelry making, and electronic assembly.



Figure 1: TOP FN-100 (Stainless) Precision Pliers. These pliers feature a stainless steel body and red ergonomic handles, designed for precision work.

## 2. SAFETY INFORMATION

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Always observe the following safety precautions to prevent injury or damage to the product:

- Do not use the pliers for purposes other than their intended use (precision gripping, bending, and holding small components).
- Wear appropriate eye protection when working with small parts or materials that may splinter.
- Keep out of reach of children.
- Do not apply excessive force, as this may damage the pliers or the workpiece.
- Ensure the work area is well-lit and free of obstructions.

## 3. SPECIFICATIONS

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Feature	Detail
Model Number	FN-100
Material	Japanese Stainless Steel (SUS420J2)
Handle Material	PP (Polypropylene)
Length	4.5 inches (approx. 114 mm)
Weight	2.1 ounces (approx. 64 grams)
Tip Thickness	1.2 mm
Features	Smooth polished surface, spring-loaded handle, burr-free design
Origin	Made in Japan

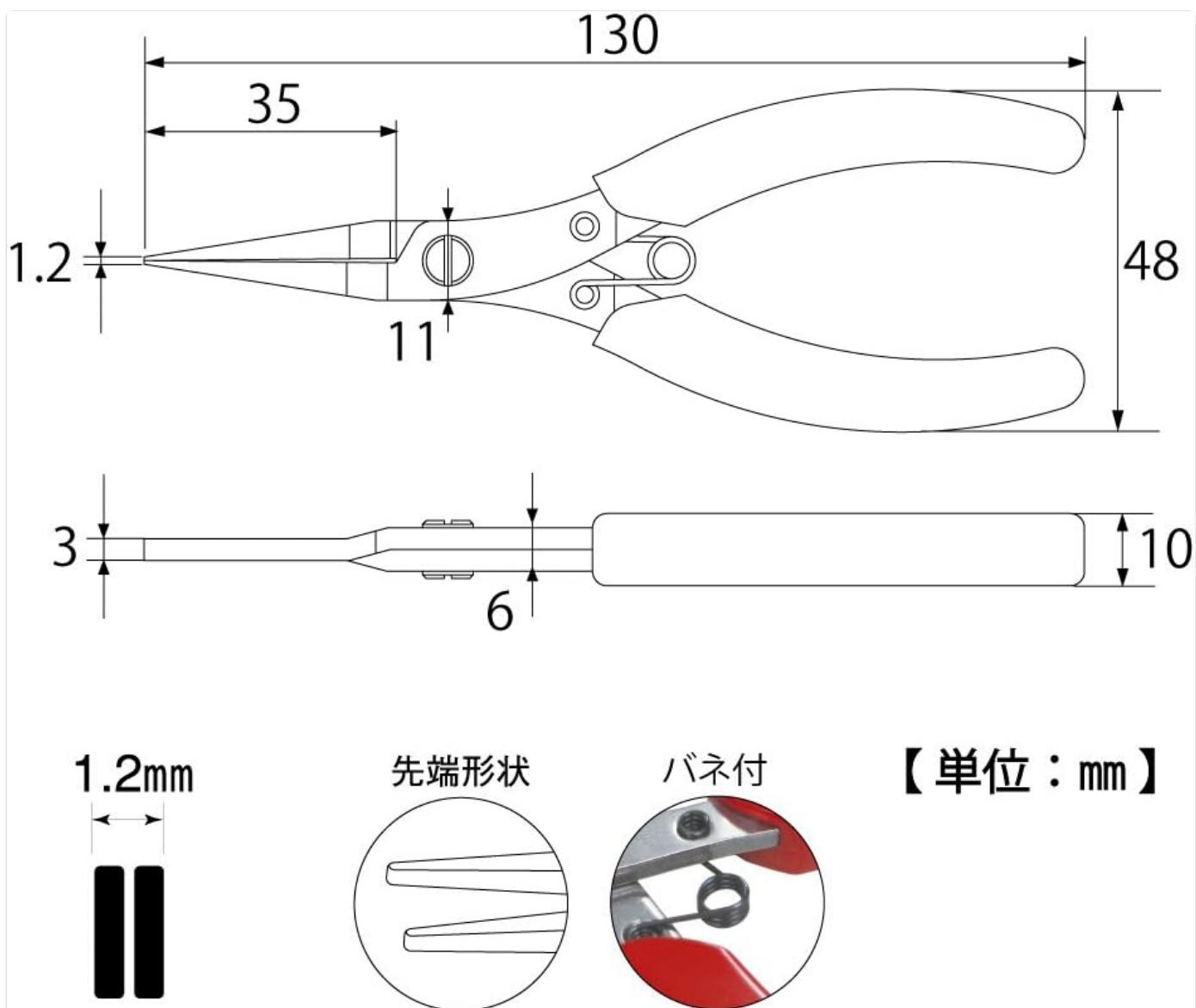


Figure 2: Technical drawing showing the dimensions of the FN-100 pliers in millimeters, including overall length, jaw length, and tip thickness.

#### 4. SETUP AND OPERATION

## Unpacking

Carefully remove the TOP FN-100 pliers from its packaging. Inspect the pliers for any signs of damage during transit. If any damage is found, contact customer support immediately.

## Basic Operation

The FN-100 pliers are designed for precision tasks requiring fine manipulation. To operate:

- Grip:** Hold the pliers comfortably in your hand. The soft, ergonomic handles are designed to reduce fatigue during prolonged use.
- Open/Close:** The pliers feature a spring mechanism that automatically opens the jaws when pressure is released, allowing for repetitive tasks without manual opening.
- Application:** Use the flat, precise tips to grip, bend, or hold small components. The polished surface ensures that delicate items are not scratched or damaged.



Figure 3: Diagram highlighting key features of the FN-100 pliers, including the smooth polished finish, spring mechanism, and ergonomic grip. Note: Original diagram contains Japanese text, but the visual elements illustrate the features described.

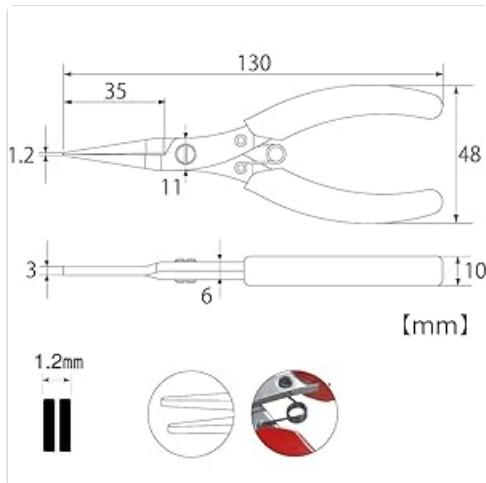


Figure 4: Close-up view of the 1.2mm flat tips and the integrated spring mechanism of the FN-100 pliers, demonstrating their precision and ease of use.

## 5. MAINTENANCE

Proper maintenance will extend the life and performance of your TOP FN-100 pliers.

- **Cleaning:** After each use, wipe the pliers clean with a soft, dry cloth. For stubborn residue, a slightly damp cloth can be used, followed by immediate drying.
- **Lubrication:** Periodically apply a small amount of light machine oil to the pivot point to ensure smooth operation.
- **Storage:** Store the pliers in a dry environment to prevent corrosion, even though they are made of stainless steel. Keep them away from corrosive chemicals.
- **Inspection:** Regularly inspect the tips for any signs of wear or damage. While the stainless steel is durable, extreme misuse can affect the precision of the tips.

## 6. TROUBLESHOOTING

If you encounter issues with your FN-100 pliers, refer to the following common problems and solutions:

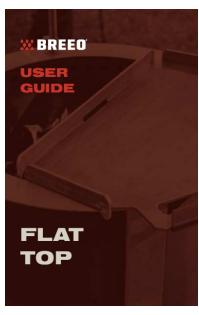
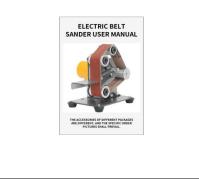
Problem	Possible Cause	Solution
Jaws feel stiff or sticky	Accumulation of debris or lack of lubrication at the pivot.	Clean the pivot area and apply a small amount of light machine oil. Operate the pliers several times to distribute the oil.
Pliers do not open fully	Spring mechanism obstructed or damaged.	Check for any foreign objects obstructing the spring. If the spring is damaged, contact customer support for repair options.
Tips appear misaligned or damaged	Excessive force applied or accidental dropping.	Precision tips are delicate. If misalignment affects functionality, the pliers may need professional repair or replacement. Avoid using damaged pliers to prevent further injury or damage to workpieces.

## 7. WARRANTY AND SUPPORT

TOP products are manufactured to high standards. For warranty information or technical support, please refer to the official TOP website or contact your local distributor. Keep your purchase receipt as proof of purchase.

For further assistance, you may visit the [TOP brand page on Amazon](#).

## Related Documents - FN-100

	<p><a href="#">TOP Spanners and Offset Wrenches - Product Catalog</a></p> <p>Comprehensive catalog of TOP brand hand tools including various types of spanners, offset wrenches, combination wrenches, and specialized bolt stoppers. Features detailed specifications, applications, and product information for professional use.</p>
	<p><a href="#">Breeo Flat Top User Guide: Enhance Your Live-Fire Cooking Experience</a></p> <p>Comprehensive user guide for the Breeo Flat Top, a durable carbon steel griddle accessory for X and Y Series fire pits. Learn about features, setup, cooking, care, and warranty for smash burgers, stir-fry, and more.</p>
	<p><a href="#">Instrukcja obsługi klimatyzatora FINLUX Flora</a></p> <p>Instrukcja obsługi klimatyzatorów FINLUX Flora. Zawiera szczegółowe informacje dotyczące bezpiecznej instalacji, obsługi, konserwacji oraz specyfikacje techniczne dla modeli FN-AC1S.</p>
	<p><a href="#">NuoDunco Mini Electric Belt Sander User Manual: Specifications and Installation Guide</a></p> <p>Detailed user manual for the NuoDunco Mini Electric Belt Sander. Covers product specifications, power supply, and step-by-step instructions for installing sanding belts, grinding wheels, drill chuck converters, and saw blades. Includes guidance on fixing the machine to a desktop.</p>
	<p><a href="#">VEVOR Plastic Mesh Fence: User Manual, Safety, and Assembly Guide</a></p> <p>Comprehensive guide for VEVOR Plastic Mesh Fences, detailing model specifications, safety precautions, part lists, and assembly instructions. Ideal for animal enclosures and garden use.</p>
	<p><a href="#">CHiQ CTM200NSS5E 202L Top Mount Fridge - Stainless Steel</a></p> <p>Detailed specifications and features of the CHiQ CTM200NSS5E 202L Top Mount Fridge. Includes information on inverter system, frost-free technology, multi-air flow, electronic controls, humidity crisper, reversible door, LED lighting, and warranty. Energy efficient with a 5-star rating.</p>

