

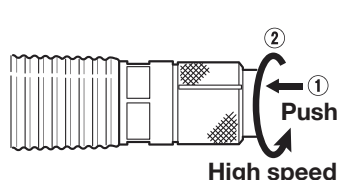
INSTRUCTION MANUAL FOR BEAD CUTTERS

A test cut has been performed to verify the cutting surface. The tool is equipped with a Tip that has undergone this test process, so minor scratches may be present. However, this does not affect the product's performance.

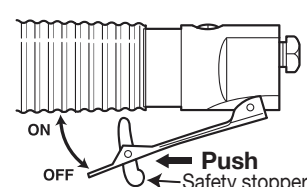
Prepare before operation

1. Connect the coupler onto the air inlet of handle on the switch side.
2. Pour approx. 0.5cc(2 to 3 drops) of the oil through the coupler. Connect it to the air hose, and run for 3 to 5 seconds to circulate the oil.
3. Ensure the tip is properly installed. If not, refer to the tip replacement instructions to attach it. Even if the tip is already installed, check for any wear or damage.
4. The switch consists of two kinds of safety lever type and rotary twist type.

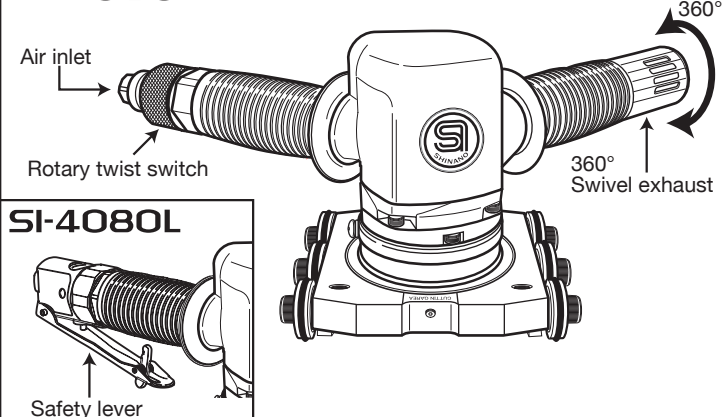
<Rotary twist switch>



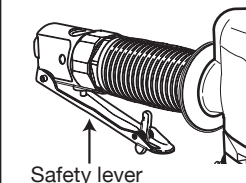
<Safety lever>



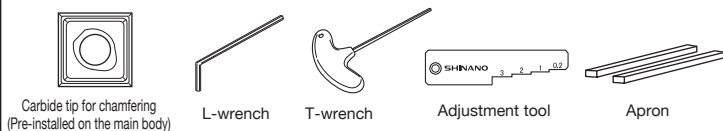
SI-4080



SI-4080L



Included accessories : Carbide tips for chamfering (3) / T-wrench / L-wrench / Adjustment tool / Paper tube / Apron (2)

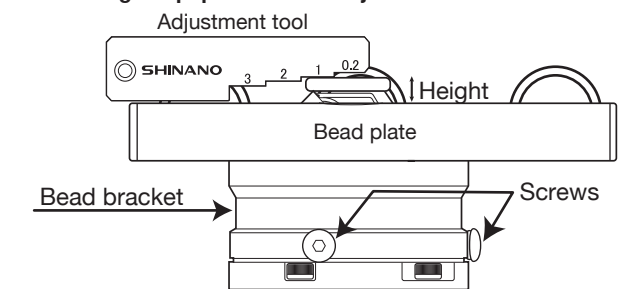


How to adjust the bead cutting height

●When using the paper tube and adjustment tool

1. Loosen the two screws on the bead bracket.
2. Turn the tool upside down and insert it into the paper tube for stability.
3. Rotate both the bead bracket and bead plate to set the desired height.
4. Use the adjustment tool for rough height adjustments.
5. Once the height is properly set, tighten the screws on the bead bracket.

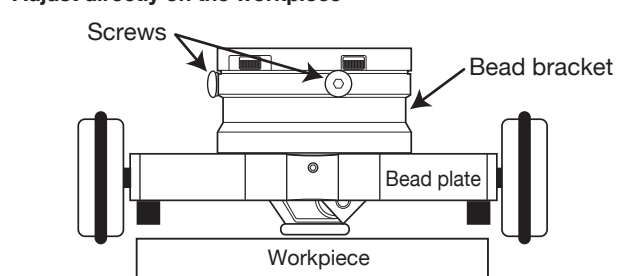
When using the paper tube and adjustment tool



●Adjust directly on the workpiece

1. Loosen the two screws on the bead bracket.
2. Adjust the gap between the workpiece and the bead plate.
3. Rotate the bead bracket and bead plate together to adjust the height.
4. Once the desired height is set, tighten the screws on the bead bracket.

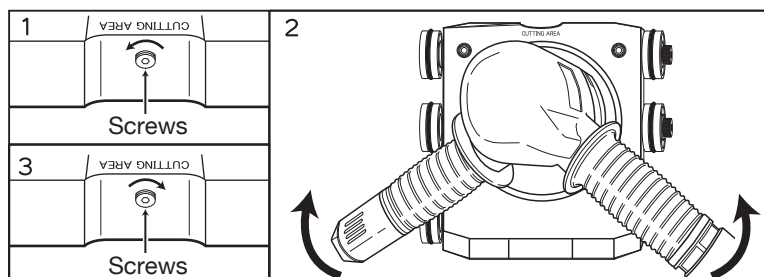
Adjust directly on the workpiece



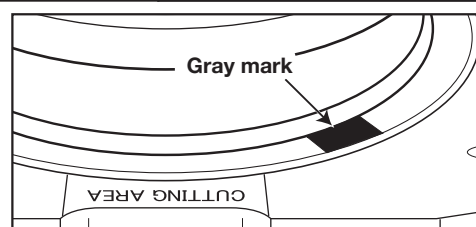
Handle position adjustment

If the handle position is not aligned properly after adjusting the height, follow these steps to adjust it to your preferred position:

1. Loosen the screw on the bead plate.
2. Adjust the handle position.
3. Once the desired position is set, tighten the screw.

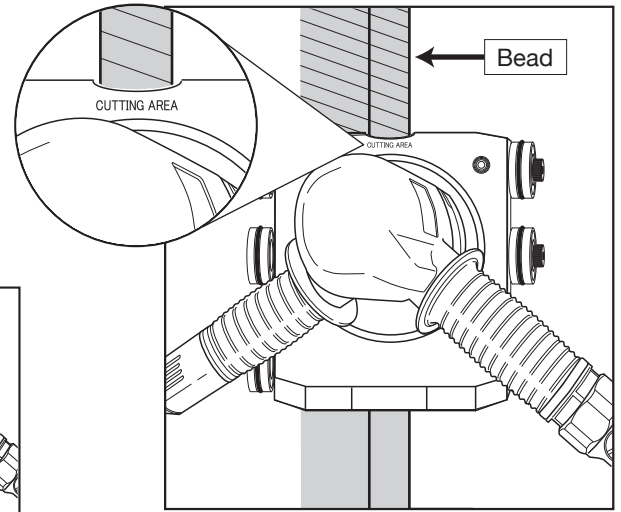
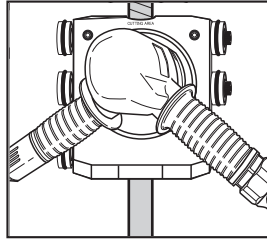
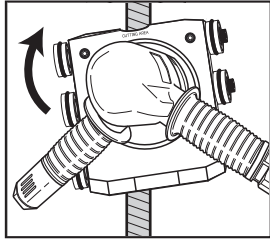
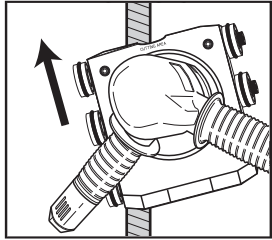


Note: The Gray mark section of the bead plate cannot be secured due to the tip replacement hole. Secure the plate at a non-mesh section.



Operation procedure

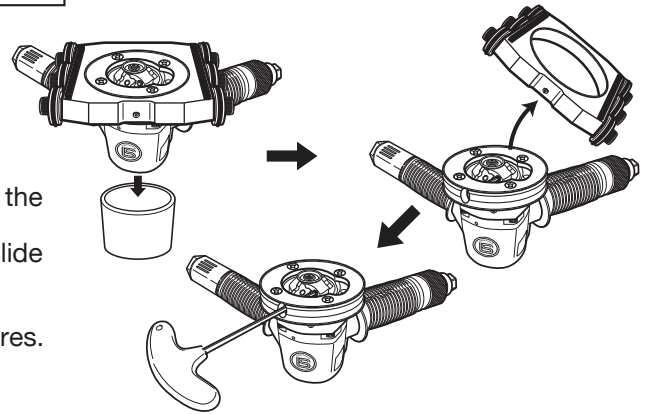
1. When starting, exhaust will be emitted, so adjust the exhaust direction accordingly.
2. The area marked as "CUTTING AREA" in the diagram is the cutting range. Operate to ensure the bead fits within this area.
3. If the bead does not fit within the range, divide the work into two stages.
4. If cutting from the middle, make a diagonal cut as shown in the diagram.



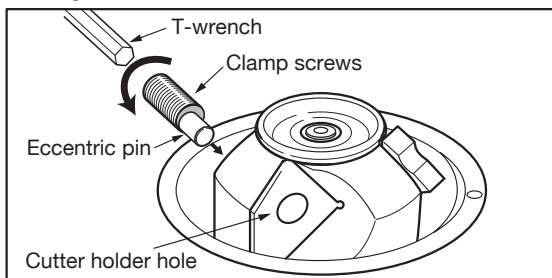
Tip replacement instructions

● Tip removal method

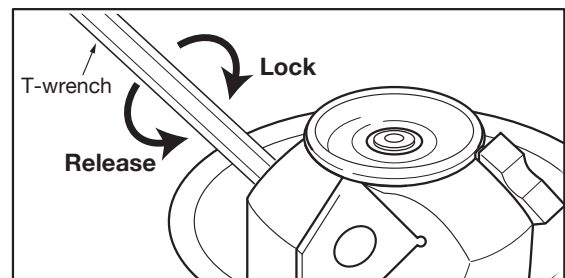
1. Secure the unit upside down in the provided paper tube.
2. Remove the screws on the side of the bead bracket.
3. Once the side screws are removed, detach the bead plate from the main body.
4. Insert the T-wrench wrench into the hole on the side of the slide ring and into the clamp nut.
5. Turn the T-wrench wrench to the right to release the lock.
6. Remove the remaining two clamp screws in the same procedures.



● Carbide tip mount method

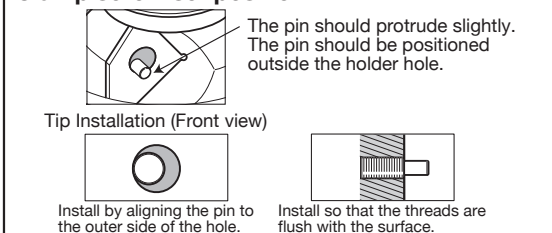


1. Insert the clamp nut into the cutter holder hole and turn it to the right using the T-wrench.



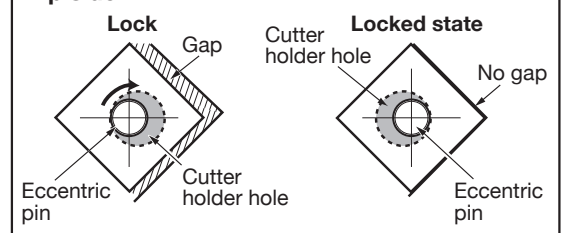
3. Align the hole of the tip with the protruding eccentric pin and install it. Turn the clamp screw left to lock it, ensuring that the eccentric pin moves inside the cutter holder hole, pressing the tip securely against the cutter holder.

Clamp screw set position



2. The clamp screw's eccentric pin should protrude slightly from the hole, with the eccentric pin positioned outside the cutter holder hole.

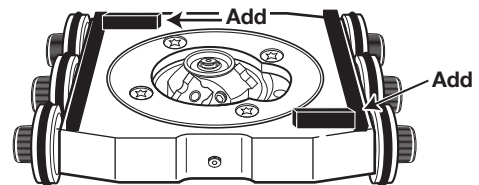
Tip side



4. After installation, check to ensure there are no gaps or floating between the tip and the holder.

Chip debris prevention

The tool is equipped with a chip debris prevention rubber (apron), and an additional apron is included.



SAFETY WARNING :



- Ensure the carbide tip is firmly secured to the cutter holder before starting work.
- Do not touch rotating parts during operation.
- Always disconnect the air hose when replacing the carbide tip.
- Always wear safety glasses, a mask, and gloves, as substantial cutting debris will be produced.
- Continuous operation is not recommended due to minor vibrations.