SI-4000

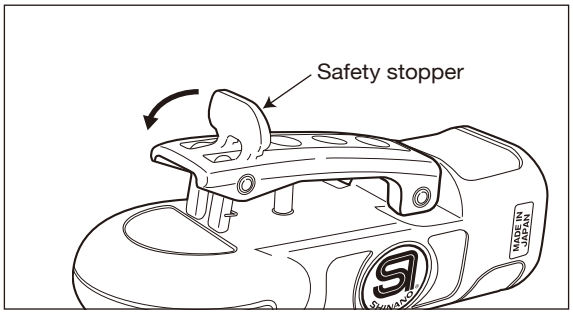
PNEUMATIC TOOLS SHINANO INC.

INSTRUCTION MANUAL FOR MINI BEVELER

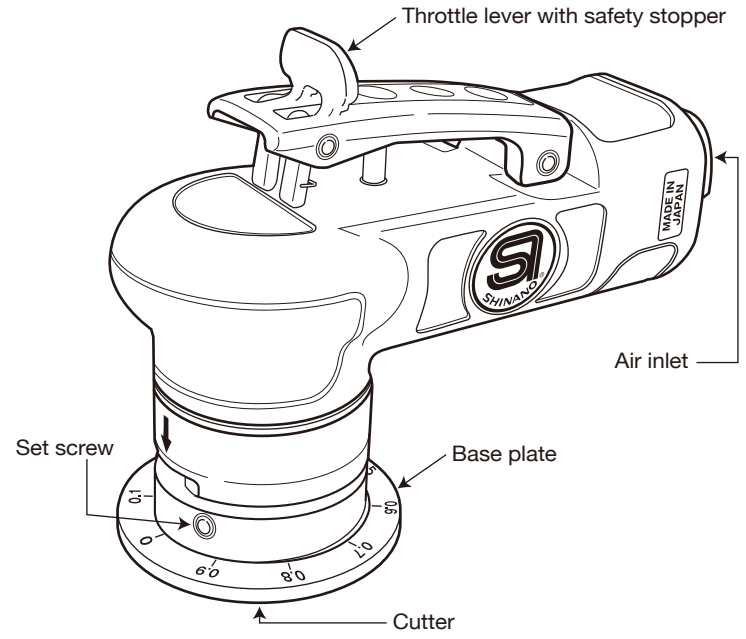
A test cut has been performed to verify the cutting surface. The tool is equipped with a Tip that has undergone this test process, so minor scratches may be present. However, this does not affect the product's performance.

Prepare before operation

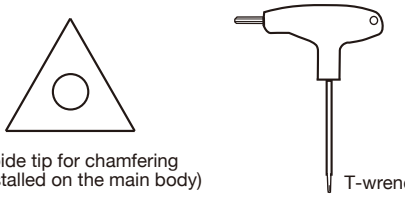
1. Connect the coupler onto the air inlet of handle.
2. Pour approx. 0.5cc(2 to 3 drops)of the oil through the coupler. Connect it to the air hose, and run for 3 to 5 seconds to circulate the oil.
3. Ensure the tip is properly installed. If not, refer to the tip replacement instructions to attach it, Even if the tip is already installed, check for any wear or damage.
4. Press the throttle lever for operation and release it for stop.



SI-4000



Included accessories :
Carbide tips for chamfering (2), T-wrench, Tip retaining screws (2)



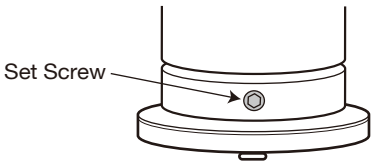
Carbide tip for chamfering (Pre-installed on the main body)

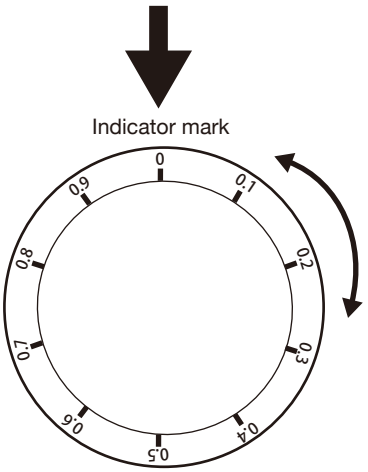
T-wrench

Tip retaining screws (2)

How to adjust the chamfering

1. Use the hex. wrench section (shorter side) of the included T-wrench to loosen the set screw sufficiently.



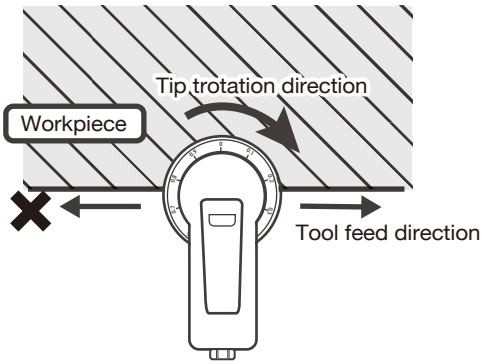


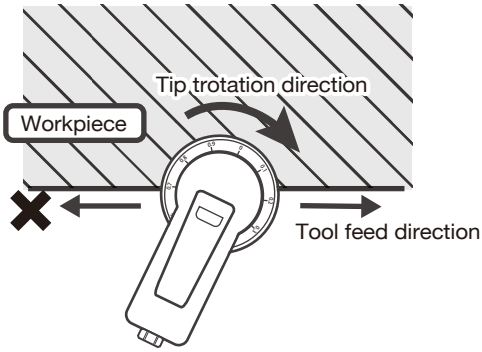
2. Starting from the indicator mark, rotate the base plate: Turning it right by one increment decreases the chamfer size by 0.1mm.Turning it left increases the chamfer size.Using "0" as the reference point, one full turn to the left sets the chamfer size to C1, and two full turns set it to C2.
3. Once the desired position is set, tighten the set screw and ensure the base plate is securely fixed.

⚠ Before starting actual work, always perform a test cut to confirm the chamfering and the finish quality. proceed with the operation only after verification.

Operation procedure

1. Move the tool in the same direction as the cutter's rotation (clockwise) and perform the cutting.
2. Always start the tool before gently bringing it into contact with the workpiece.
   follow the same procedure for machining curved surfaces or inner diameters.





⚠ CAUTION

Starting the tool while it is in contact with the workpiece may damage the tip or cause recoil, posing a risk of injury to your hands.

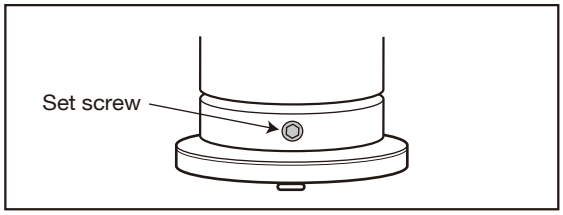
⚠ Be sure to disconnect the air hose when replacing the tip.

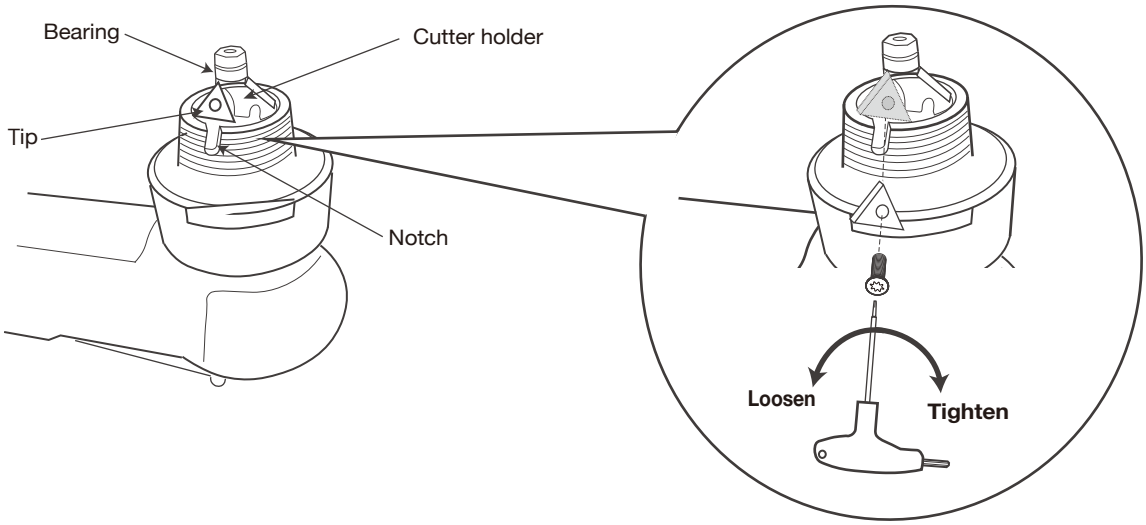
Tip replacement procedure

●The tip can be rotated and used in three different positions.



1. Use the included T-wrench to loosen the set screw sufficiently.
2. Turn the tool upside down and rotate the base plate to remove it.
3. To prevent the cutter holder from rotating, secure it in place. Then, insert the torx section (longer side) of the included T-wrench into the notch, loosen the chip retaining screw, and replace the ttip.
4. Set the new tip in place, and tighten it securely using the T-wrench. Reattach the base plate and tighten the set screw.





⚠ 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.