

METAZA
MPX-95
Gift Kit GK-1

Using the Gift Kit

- To ensure safe usage with a full understanding of this product's performance, please be sure to read through this manual completely.
- Store this manual in a safe place where it can be referred to when needed.
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Using the Gift Kit

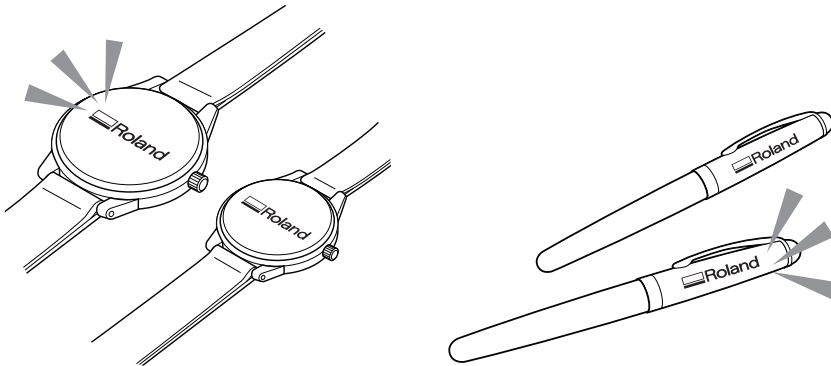
Getting Started

What This Document Assumes

- This document describes how to use the MPX-95 optional kit.
- Refer to the MPX-95 User's Manual for information such as important notes and basic usage guidelines for using the MPX-95.

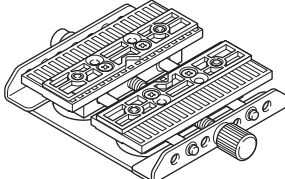
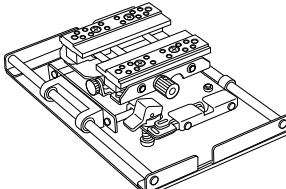
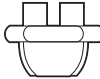
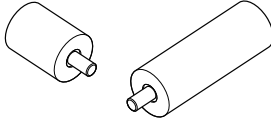
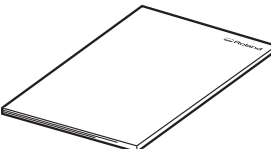
Features

The Gift Kit includes a center vise that can be used to secure three-dimensional objects that cannot be secured using the grid table included with the printer, such as pens, allowing for imprinting to be performed on variously shaped gifts.



Checking the Included Items

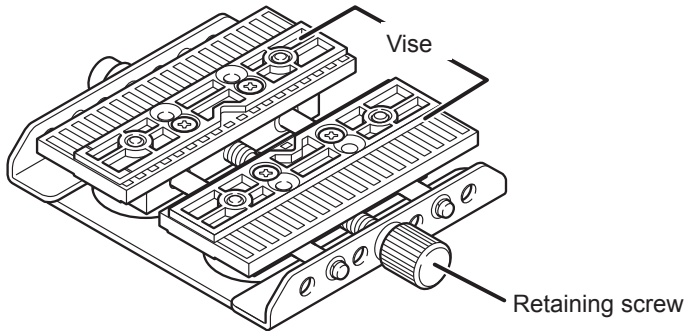
The Gift Kit contains the following items. Make sure they are all present and accounted for.

 Center vise (1)	 Movable center vise (1)	 Head caps (round bottom) (30)
 Clamp pins (4 large, 4 small)	 Using the Gift Kit (this document) (1)	

Using the Vice

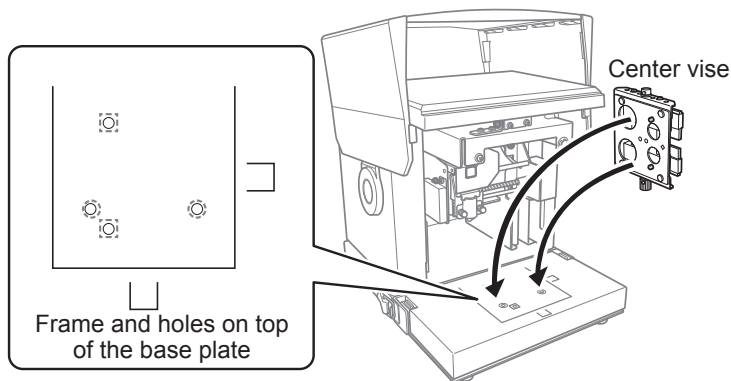
Using the Center Vice

Names of Components

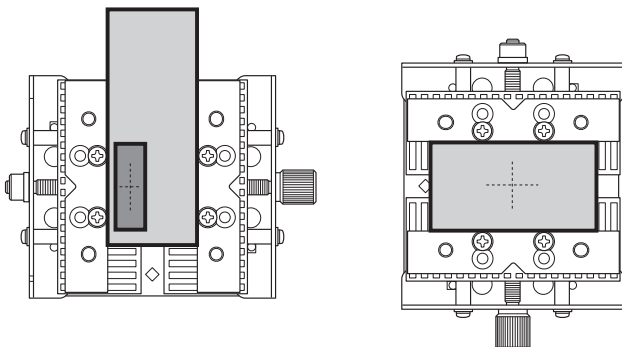


Mounting to a Metal Printer

Insert the protrusions on the bottom of the center vise into the holes on the base table or base plate.



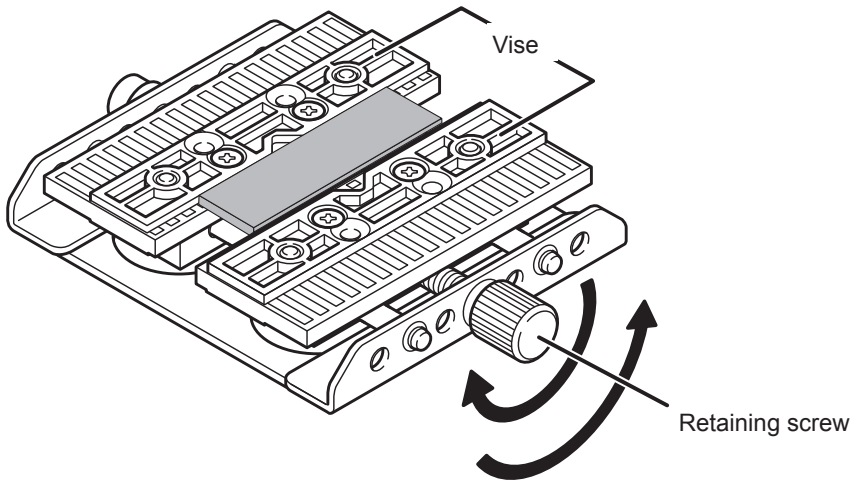
- * This illustration shows a base table and a base plate being used together. The installation procedure is the same even when using only a base plate.
- * The center vise can be used vertically or horizontally. Select an appropriate orientation according to the material size and the area to be imprinted.



Securing the Material

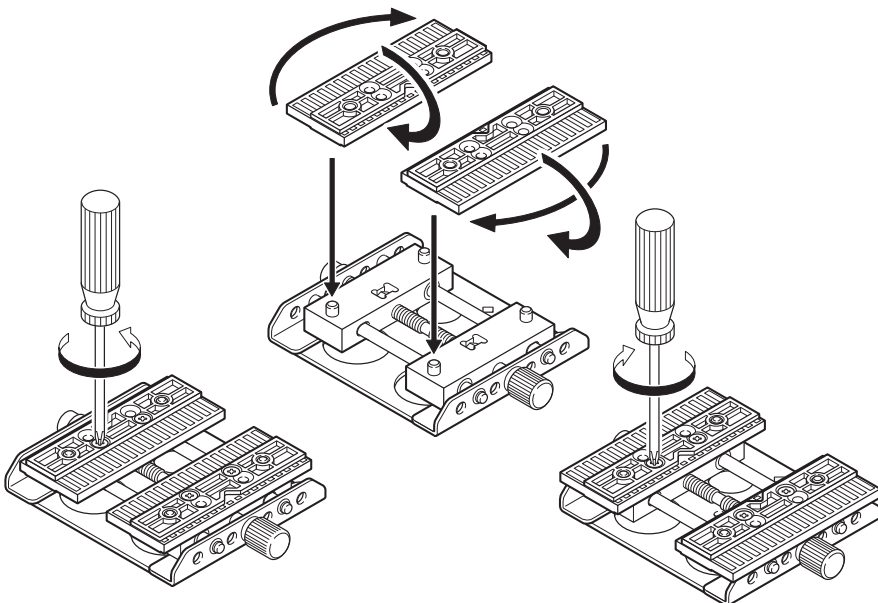
- **With the center vise, you secure material in place by clamping.**

Clamp the material in place in the vise, and tighten the retaining screw enough to keep the material from easily coming loose. Be careful not to overtighten, because doing so may damage the material.



- **You can also vary the orientation and front and back sides of the vise when using it.**

Use it in a way matched to the size and shape of the material.

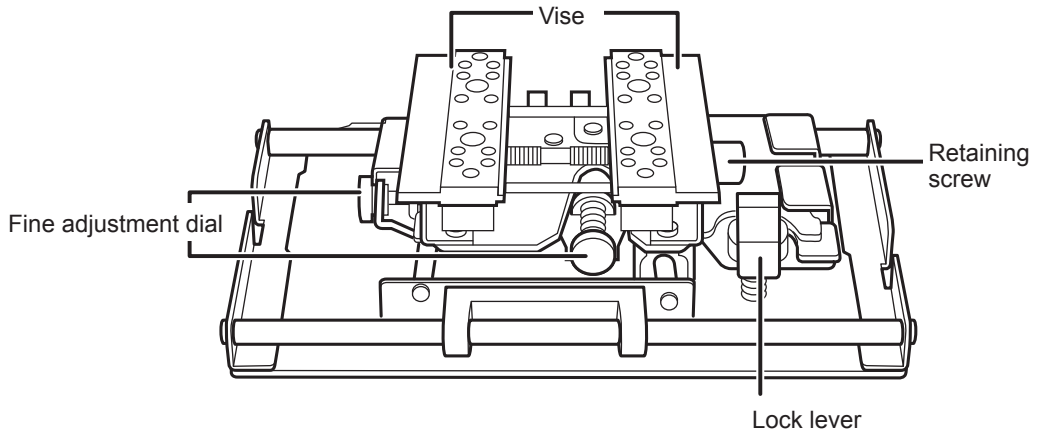


This is suitable for clamping plate-shaped material.

This is suitable for clamping cylindrical material.

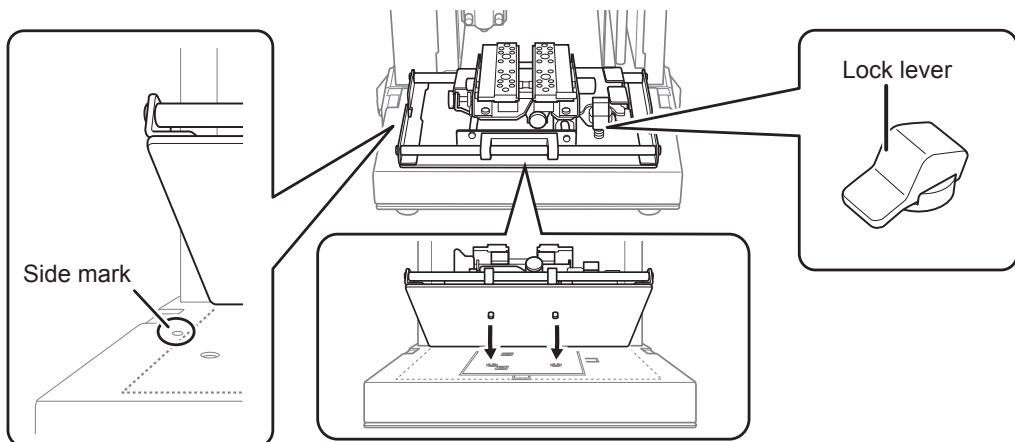
Using the Movable Center Vise

Names of Components



Mounting to a Metal Printer

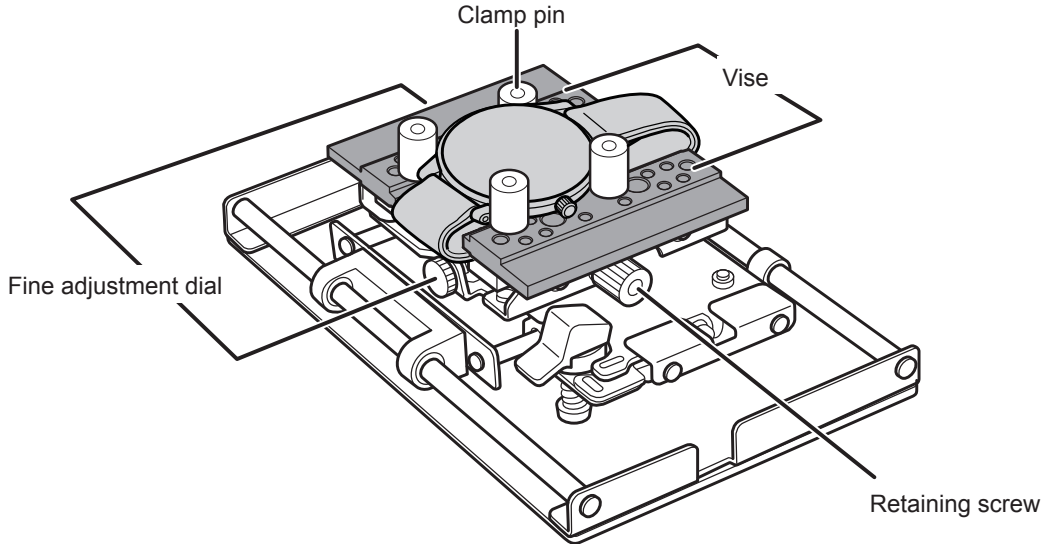
With the lock lever side facing toward you, insert the protrusions on the bottom of the movable center vise into the holes on the base table or base plate. Side marks for aligning the position are also included.



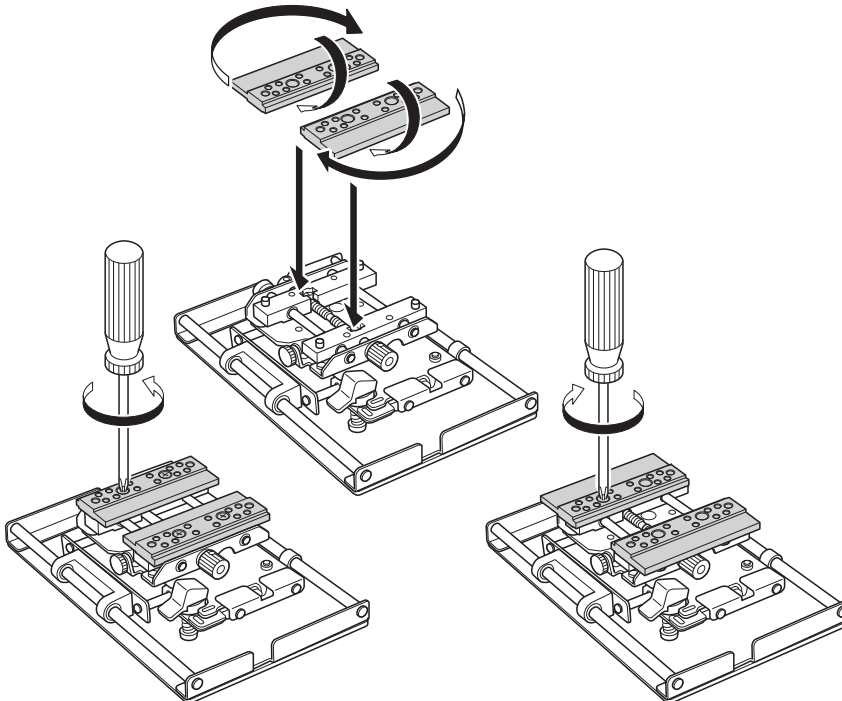
- * This illustration shows a base table and a base plate being used together. The installation procedure is the same even when using only a base plate.

Securing the Material 1: Securing with a Vise

- Clamp the material in place in the vise, and tighten the retaining screw enough to keep the material from easily coming loose. Be careful not to overtighten, because doing so may damage the material.
- Using the vise in combination with the clamp pins provides even greater stability.
☞ P.9 "Conditions for using the clamp pins"



- You can also vary the orientation and front and back sides of the vise when using it. Use it in a way matched to the size and shape of the material.

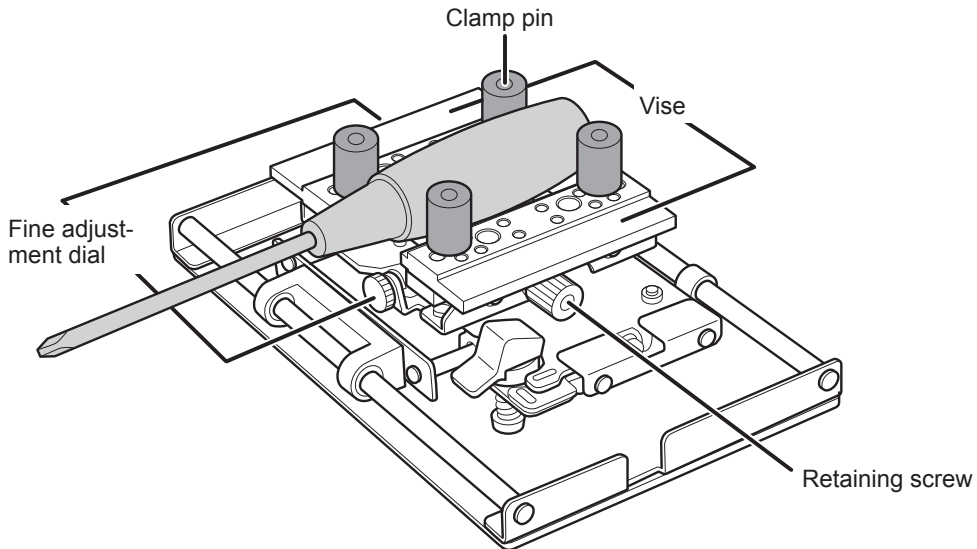


This is suitable for clamping plate-shaped material.

This is suitable for clamping cylindrical material.

Securing the Material 2: Securing with Clamp Pins

- Secure the material in place using the clamp pins mounted in the holes on the vise. The position of the vise can be adjusted using the retaining screws even when using the clamp pins. Be careful not to over-tighten, because doing so may damage the material.
- You can also vary the orientation and front and back sides of the vise even when using the clamp pins. Use it in a way matched to the size and shape of the material.



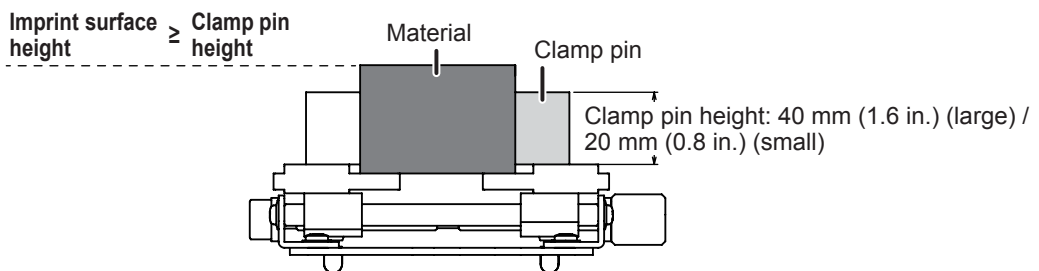
Conditions for using the clamp pins

When using the clamp pins, failing to adhere to the following conditions will result in the head coming into contact with the clamp pins during imprinting.

Be sure to configure the machine with the following conditions in mind.

When the imprint surface height is as tall as or taller than the clamp pin height

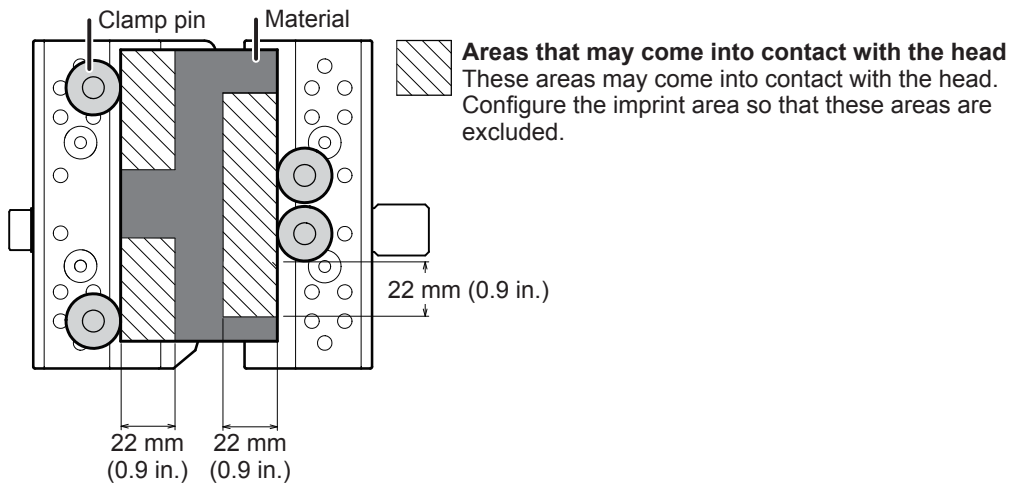
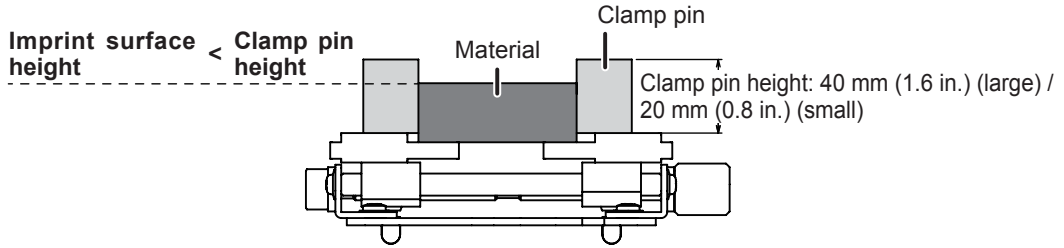
The conditions regarding areas that can be imprinted, material height, and similar points are the same as for when clamp pins are not being used. For more information, refer to the User's Manual.



- * After securing the material, check whether the imprint surface height is as tall as or taller than the clamp pin height.

When the imprint surface height is lower than the clamp pin height

The area that can be imprinted will be limited. Set the imprint area according to the illustration below.

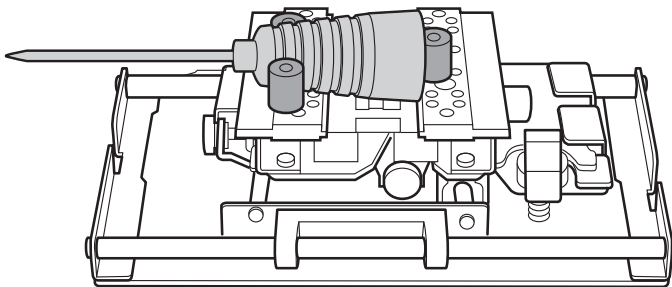


MEMO: Clamp pin usage example

Clamp pins come in large and small sizes. Use the equipment according to the size and shape of the material.

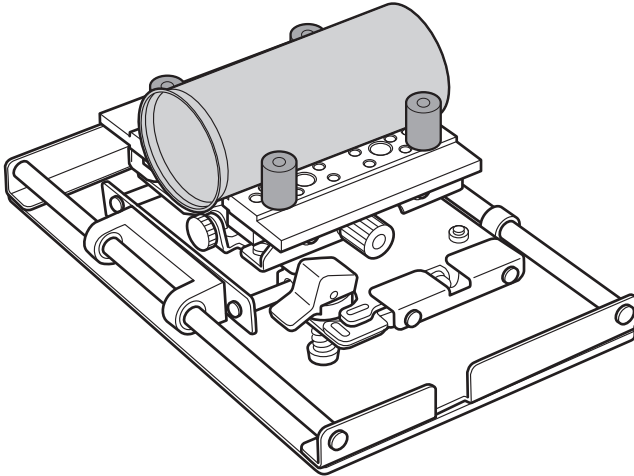
Secure in 3 places

The ability to secure the material in three locations using the clamp pins allows for a wide variety of materials to be secured.



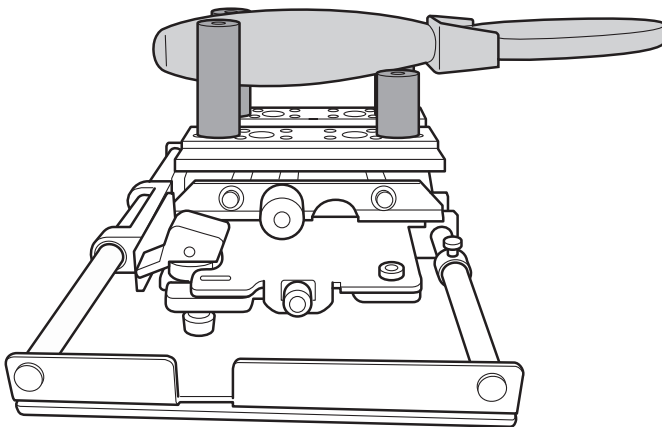
Secure in 4 places

To prevent material that moves easily from moving, secure the material using the clamp pins in four locations.



Securing using both large and small clamp pins

Using a combination of the larger and smaller clamp pins makes it easier to secure the material in a horizontal position even if the bottom surface of the material is not flat.

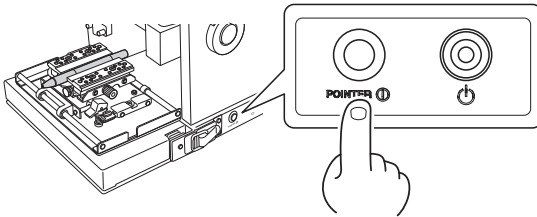


Adjusting the Position

Procedure

1 Press the laser pointer button.

The laser pointer is irradiated. If the machine is idle for 5 minutes, the laser pointer is automatically turned off.



2 Adjust the vise unit position.

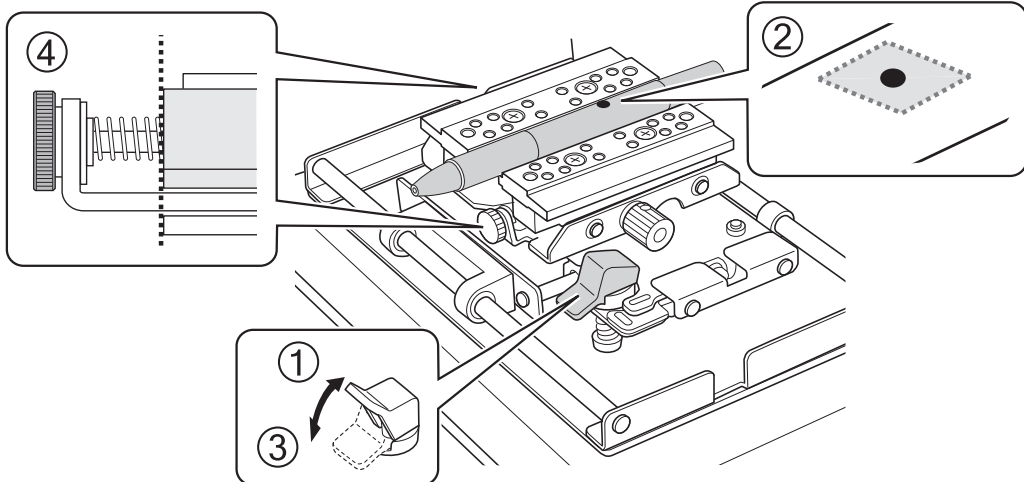
Move the unit so that laser pointer points to the center of the area to be imprinted on the material.

① Raise the lock lever.

② Move the table so that the laser pointer points to the center of the area to be imprinted.

③ Lower the lock lever.

④ Adjust the vise unit position using the adjustment dial.

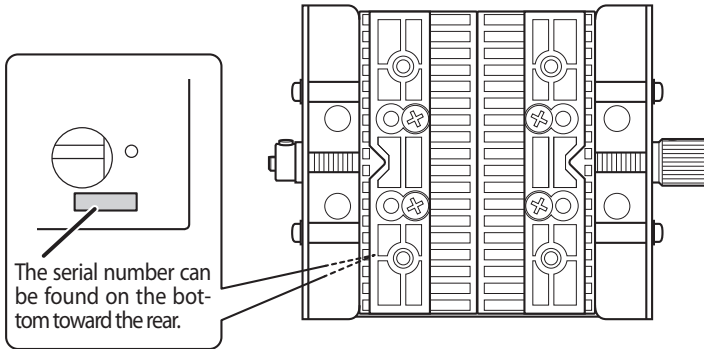


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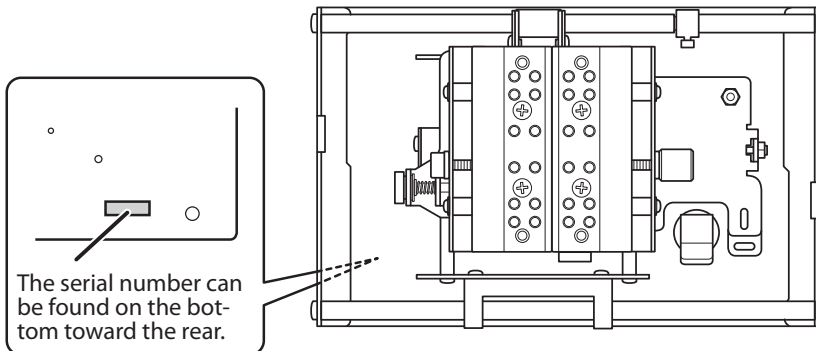
The position to which the laser pointer points coincides with the center of the work area in METAZAStudio. By making the position to which the laser pointer points coincide with the center of the area to be imprinted, you can print with the exactly same layout as the one displayed on the METAZAStudio's work area.

Location of Serial Number Label

Center Vise



Movable Center Vise









 **Roland**