

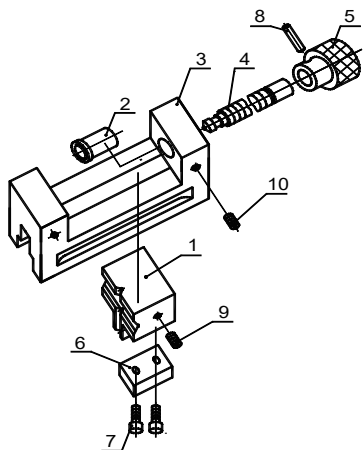
Application

A toolmaker's vise is a precision tool that is used for holding small workpieces securely during machining or assembly operations. It has a very accurate and smooth operating mechanism that allows for precise adjustments and positioning of the workpiece, making it ideal for use in tool and die making, precision machining, and other similar applications. It is also designed to be very durable and resistant to wear and tear, ensuring that it can withstand the demands of regular use in industrial settings.

Main Technical Specification

| Type | Jaw Width (mm) | Jaw Depth (mm) | Jaw Open Length(mm) | Overall Length (mm) |
|---------|----------------|----------------|---------------------|---------------------|
| 09-0569 | 50 | 25 | 65 | 155 |

Name of parts



1. Jaw
2. brass-sleeve
3. body
4. lead screw
5. handle
6. clamping board
7. hex head socket screw
8. cylindrical pin
9. hex head socket screw
10. hex head socket screw

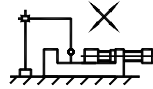
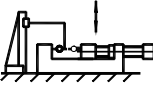
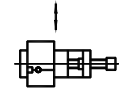
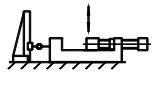
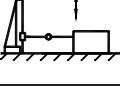
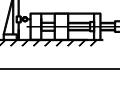
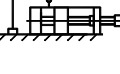
Operation

This unit can be easily operated with simple structure. The sliding jaw (1) is fixed to the body (3) by clamping board (6) and screws (7). Turn the handle (5), and the lead screw moves the sliding jaw (1).

Maintenance

Rotating and sliding parts should be cleaned and lubricated periodically. If placed in storage for a long period of time, the vise should be cleaned, coated with rust preventative, and securely packed.

Inspection list

| No | Item | Description | Tolerance(mm) | Meas. |
|----|---|---|---------------|-------|
| 1 |  | Parallelism of upper surface of guide way to base surface | 0.005/100 | |
| 2 |  | Squareness of fixed jaw face and movable jaw face to base surface | 0.005 | |
| 3 |  | Parallelism of two jaw in width direction | 0.005/100 | |
| 4 |  | Squareness of end face of body to the base surface | 0.008 | |
| 5 |  | Squareness of two sides of the body to base surface | 0.005 | |
| 6 |  | Squareness of body end face to sides | 0.008 | |
| 7 |  | Parallelism of two sides of the body in length direction | 0.005/100 | |