

TOOL MAKERS STEEL VICE -SCREW TYPE



- Manufactured from selected tool steel hardened 55-60 hrc.
- Accuracy for squareness, flatness & parallelism within 0.010mm
- Wear plate at bottom to prevent lifting of jaw.
- Hardened clamping screw with square thread & gun metal nut.
- precision-ground surfaces to ensure accuracy and flatness.

When using a toolmaker's vise with a screw mechanism, it's important to use it in conjunction with proper workholding techniques to achieve accurate and reliable results in machining or toolmaking tasks.

CAT.NO.	...	JAW WIDTH	JAW OPENING	JAW DEPTH		TOTAL LENGTH
	INCH	MM	INCH	MM	INCH	MM	INCH	MM
GTV-0132	2-3/8	60	2-3/16	55	15/16	23	4-5/16	110
GTV-0133	3	75	3	75	1-9/16	40	7-7/8	200

How to Use

1. **Mounting the Vise:**
 - Securely mount the vise on the machine table or workbench using appropriate bolts or clamps. Make sure it's stable and won't move during operation.
2. **Inserting the Workpiece:**
 - Open the jaws of the vise wide enough to accommodate your workpiece.
3. **Placing the Workpiece:**
 - Place your workpiece between the jaws of the vise, ensuring it is aligned with the vise's center and parallel to the jaws.
4. **Adjusting Jaw Position:**
 - Turn the handle (screw) to move the movable jaw towards the workpiece. Use the handle until the workpiece is securely held between the jaws.
5. **Tightening:**
 - Continue turning the handle to tighten the vise further. Ensure that the workpiece is held firmly without any slippage.
6. **Checking Alignment:**
 - Double-check the alignment of your workpiece to make sure it's parallel and centered within the vise jaws.
7. **Machining:**
 - Once the workpiece is securely held in the vise, you can perform machining operations like milling, drilling, or other tasks as needed.
8. **Releasing the Workpiece:**
 - After completing your machining operations, loosen the vise by turning the handle in the opposite direction. This will release the pressure on the workpiece.
9. **Removing the Workpiece:**
 - Open the jaws wide enough to remove your workpiece safely.