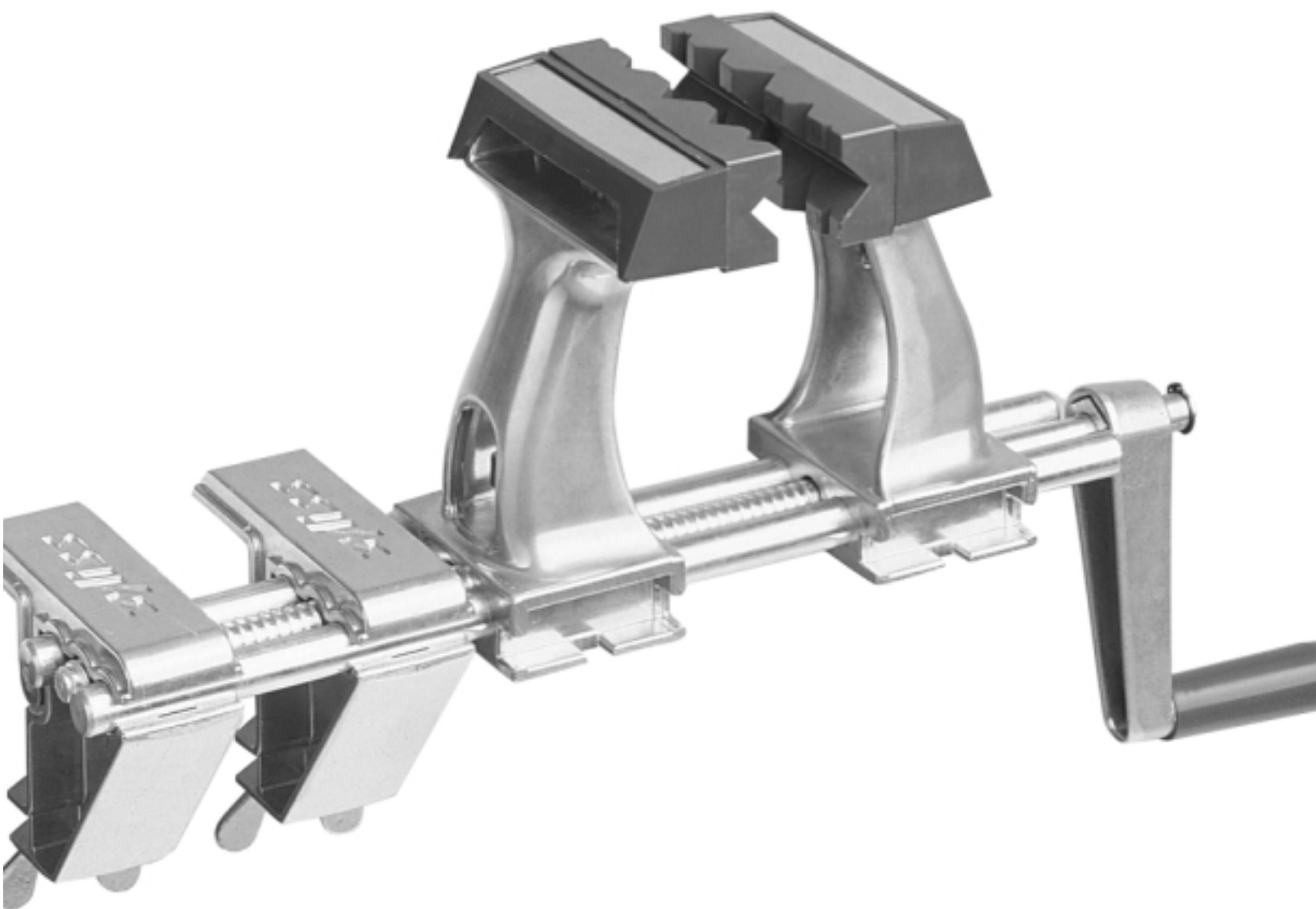
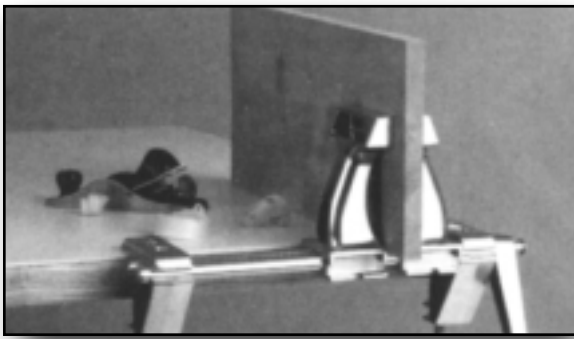


ORIGINAL
Z-Vise
Switzerland

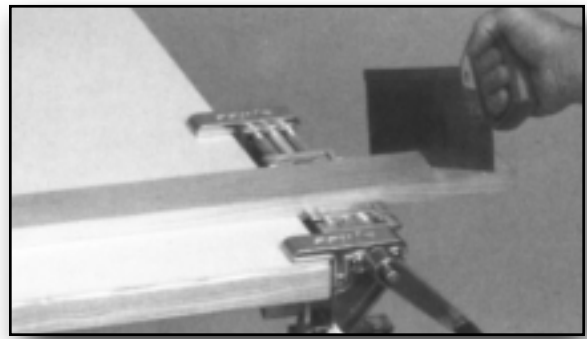
M A N U A L





Standard Bench Vise

Attach a bench clamp to each end of the Vise, with the Vise Jaws pointing up. Then, attach the assembled unit to any work surface (bench, saw horse, deck railing, etc.) and tighten the bench clamps to the work surface. The movable jaw can be adjusted steplessly and quickly by pressing the blue knob. 1/2 turn is sufficient to tighten the Vise.



Low Jaw Grip

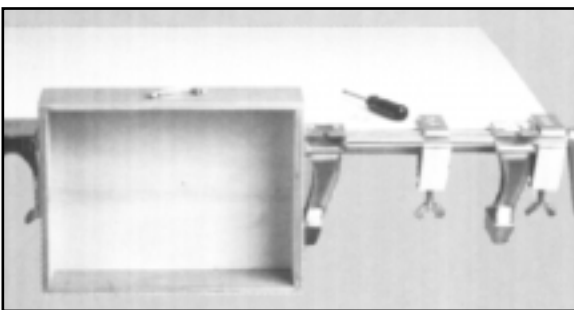
Turn the Vise upside down by turning the bench clamps upside down and attach the unit to the work surface. In this low profile position, work is readily accessible and secure for planing, sanding, routing, etc.



Flush End Stop

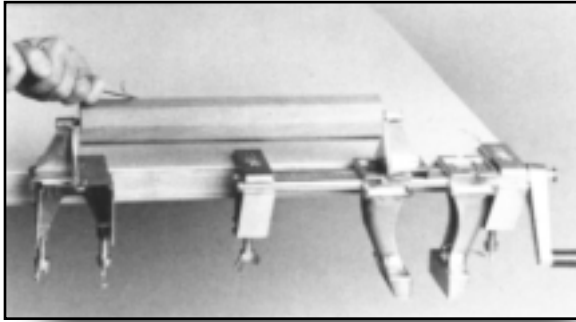
Surface working — Just as in the Low Jaw Grip, turn the Vise upside down and attach one clamp next to the handle of the Vise. Take the second bench clamp and attach it to the Vise between the jaws of the Vise. This will allow the movable jaw to be cranked in reverse. Measure the length of the work to be held. Subtract 1" and then measuring from the end of the Vise's guide

bars, mount the End Stop to the work bench. Just like the guide bars and worm gear, the 1/4" lip on either side of the end stop is flush with the work surface. Rest one end of the work flush against the lip of the End Stop and rest the other end on the guide bars of the Vise, run the moving jaw by pressing the knob shut against the work, and then tighten the Vise using just thumb and finger pressure.



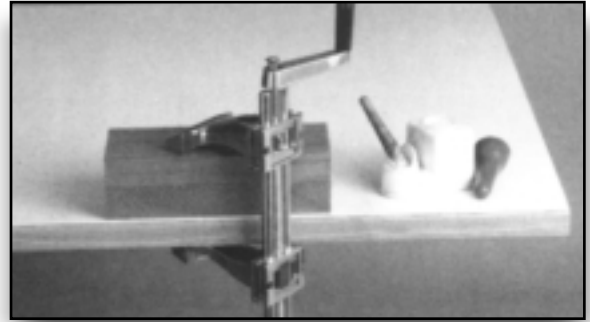
Edge working — In this position, it is now easier to hold long pieces of work for planing, sanding, and drilling or mortising the edge of the piece. Just as assembling the Flush End Stop position for surface working, except that this time, slide the moving jaw by pressing the knob completely off the Vise and reverse it. Slide the jaw to the end of the guide bars so that the outer edge of the jaw and the end of the bars are flush. Measure for the length of the work from this point and then attach the End Stop to the work surface.

Position the work flush against the side of the work bench with one end of the work against the side wall of the End Stop and tighten the other end of the work with the Main Vise.



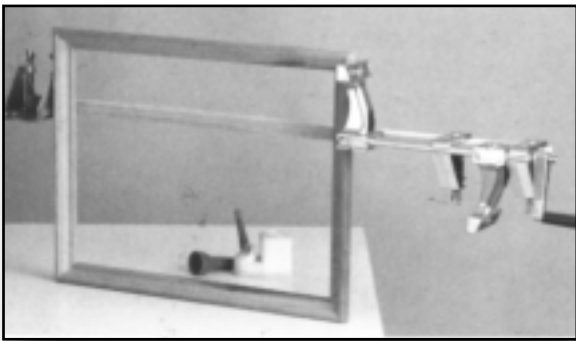
Turning Center

The turning centers are designed to grip unusual shapes that would be crushed in the flat-faced jaws of a conventional bench Vise. Pieces such as the leg from a table or chair, a tool handle, a gun stock, a dowel, etc. can now be securely gripped end to end for carving, chiseling, chamfering, gluing, sanding, shaping, staining, or finishing without crushing the work.



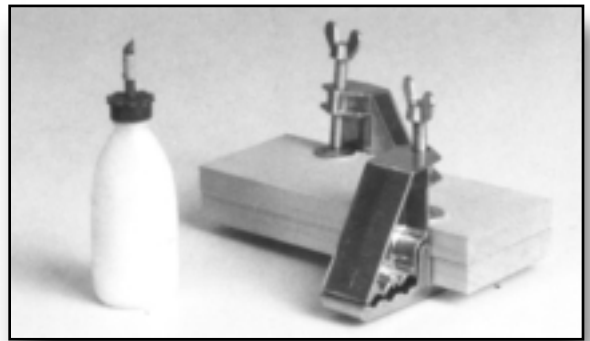
C Clamp or Glue Press

The main frame of the Vise can be used by itself as a C clamp or glue press. When the jaws are fully extended, you have 9" to work with, 5 1/4" in the throat of the Vise, and a flat 4" grip on either side. You also have a flat grip from front to back.



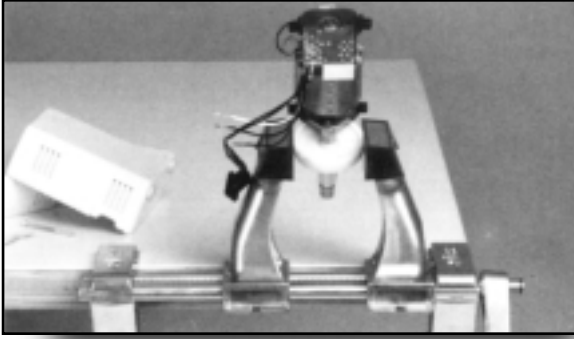
Bar clamp, sash clamp, glue press

This is the same application as mentioned under Flush End Stop: Edge Working, except that you now mount the Vise and the End Stop onto a 2" x 2" or 2" x 4" length of wood or metal to create a giant bar clamp, sash clamp, or glue press of whatever length you require.



Bench Clamps

The Bench Clamps and the End Stop are actually mini-C clamps that open up to grip a full 2 1/2". You can also use the Bench Clamps to hold round stock such as water pipe or dowel up to 3/4" in diameter. There are no teeth in the Bench Clamps to mar or scar the round stock.



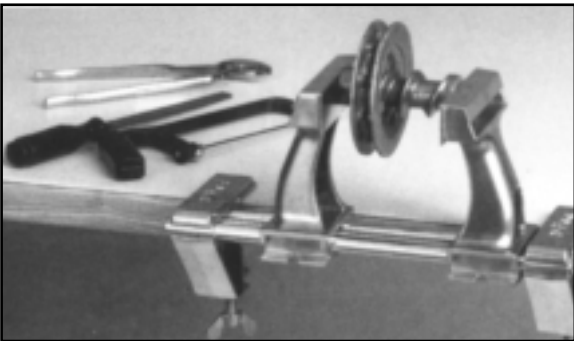
Upper Soft Jaws

Your Zyliss Vise comes equipped with a pair of plastic soft jaws for the top of the Vise. These are used to protect soft woods or delicate surfaces such as glass or tile.



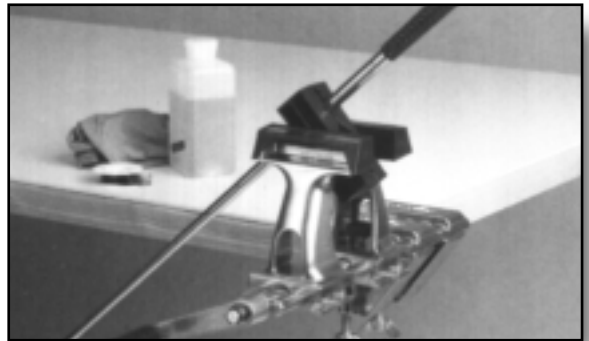
Lower Soft Jaws

Again, to protect soft woods or delicate surfaces, these Lower Soft Jaws are used when the Vise is in the Low Jaw Grip position or when it is extended with the Flush End Stop.



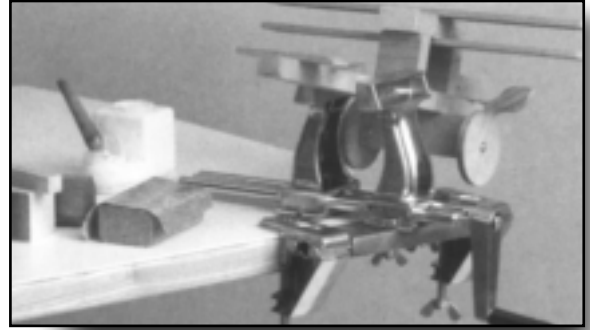
Metal Jaws

use these aluminum slip covers for light metal work to protect the faces of the Vise jaws from gouging or scratching.



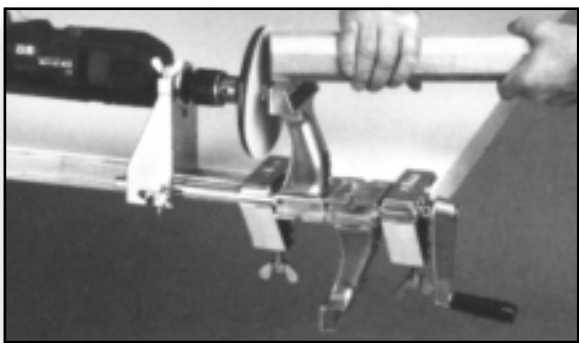
Tube Clamping Jaws

These jaws are designed to hold round or tubular, hard to hold items. Use these jaws to hold a dowel, pool cue, golf club, bicycle, rifle barrel, etc. They are also designed to swivel so that you can hold tow pieces simultaneously, such as in gluing together doweling joints.



Turntable

When you find a piece of work that is too clumsy or too delicate to keep putting the work in and out of the Vise, the Turntable will allow you to rotate or pitch the Vise without removing the work. Attach the Vise to the Turntable using the T-bolts that come with the Vise. Using the Bench Clamps, the Turntable can then be mounted to the work surface in one of several positions (as pictured here) including over the top of the bench, pitched at a 45 degree angle to the work surface, and locked at 90 degree angle to the work surface. While attached to the Turntable and pitched in any of the above mentioned angles, the Vise can also be rotated right or left by loosening the T-bolts underneath the Turntable, rotating the Vise to the desired position, and then retightening the bolts.



Drill Holder

Even when working away from your shop, the Drill Holder will allow you to mount any drill motor with an extended neck (from 38 mm to 43 mm in diameter) and then use the drill motor to run sanding disks, wire brushes, buffing wheels, etc. The Vise can now also be used as a portable, mini-drill press. Mount the Main Vise to the work surface as illustrated for vertical drilling or mount the Main Vise to an independ-

ent vertical brace for larger work (as illustrated) and use the handle of the drill motor to raise and lower the press. Mount the Main Vise in the Low Jaw Grip to use the Drill Holder for horizontal boring, again using the handle of the drill motor to guide the press in and out of the work.