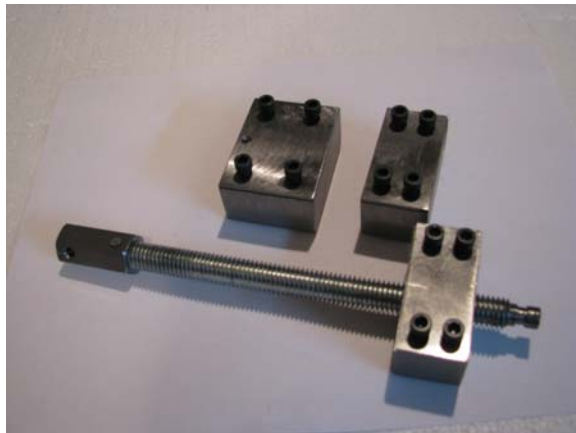




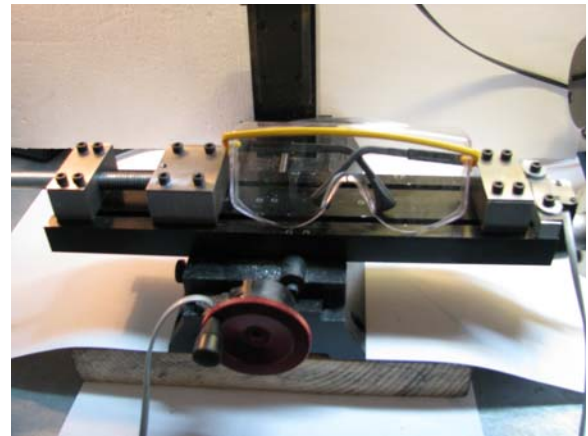
Monster Vise

Large and Adjustable Mill Vise for Sherline

Typical application Sherline's mill tables are actually not that small. However, working on larger work pieces requires also a large enough vise. We offer a vise that can hold work pieces as long as your mill table. In addition, the size of the vise is adjustable: it grows or shrinks with your project needs. And, it's a high quality steel accessory.



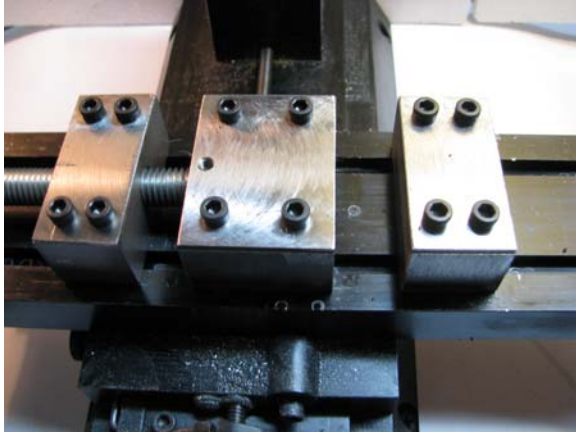
The design The all steel vise (e.g. Sherline's vises are cut from aluminum) is a so-called plane mill vise. It consists of three brackets. Two are stationary and directly screwed on the mill table using steel T-bolts. One acts as a jaw the other holds the lead screw. The third bracket (or jaw) moves along the mill table by



means of a steel lead screw. Also that bracket is hold by T-bolts. The work piece is clamped between the jaws by means of the lead screw. In addition, the moveable jaw can be fixed on the mill table, if required, to prevent lifting up the vice jaw in heavy milling operations. The stationary brackets can be set at different positions on the mill table which makes the size of this vise adjustable. The lead screw has a steel hex bar handle which allows one to use a wrench key or just hand tighten it. The jaws have hard and flat surfaces.

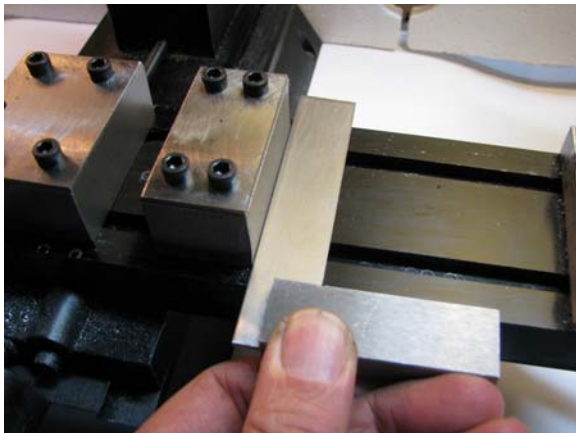
Included Two stationary jaws. One moveable jaw. Lead screw with hex-handle. Required T-bolts (for Sherline mill table) and bolts/nuts. This is an all steel design. *We included a few images to show how the vise can*

be mounted. Sherline's mill table and mill are shown, safety glasses, a hypo, a machinist square, etc. which are NOT included in this sale.



Procedure: Slide the brackets into the T-slot table, as shown on the images. In doing so, the bolt length at the bottom of the brackets needs to be just right. That can be a little tedious, but we all know that from Sherline's accessories. Your Monster Vise has been tested on Sherline mill tables: it does fit and moves properly. Adjust the distance between the "stationary" brackets according to the size of your work piece. Clamp the work piece by tightening the moveable jaw with the lead screw. To square the stationary brackets use a machinist square.

The vise is machined from 2-1/4" by 1-1/4" steel bars. Thus, one cannot mount very tall work pieces safely. You may mount by yourself somewhat larger jaw plates on the vise, but don't over-do it.



Safety General safety rules for machine tools are in place. For an extended list of safety notes, consult the literature or go to our website for a free download of a safety booklet. We do not warrant that any accessories can be used for any particular application. Damage on equipment caused by unprofessional usage of accessories is the customer's responsibility. Use safety glasses and protective clothing. This manual does not replace books about metal working and/or proper training. LatheCity shall not be liable for any damage caused by unprofessional use of LatheCity accessories. Design details may deviate from the images shown which does not affect the function of the accessory. Read the safety notes and follow these and other relevant safety procedures. Neither LatheCity nor its owner shall be liable for damage arising from unprofessional use or misuse of LatheCity accessories. Max RPM 1800 for most accessories, some accessories have max RPM of 100! Replace set screws with Nylock screws in case that heavy vibrations can be expected. Any legal action brought against LatheCity/Uwe Burghaus shall be tried in the State of North Dakota in Fargo, USA. **WARRANTY:** we do not provide any warranty for our products. In no event shall LatheCity's liability exceed the purchase price paid for the product. We shall in no event be liable for death, injuries to persons or property or incidental, contingent, special or consequential damage arising from the use of our products. None of our accessories or custom designs is intended to be used for transportation applications including but not limited to cars, motorcycles, airplanes, roller skates, bicycles, agriculture vehicles, etc., for civilian or military applications. Similarly none of our accessories or custom designs is intended to be used as components of weapons including but not limited to firearms for civilian or military applications. We herewith explicitly exclude any warrantee or liability if LatheCity products were used directly or indirectly or misused directly or indirectly for the above-mentioned applications (transportation, weapons). Trademarks used in our products (books, manuals, etc.) or used on this website: All trademarks and copyrights are the property of their respective owners. **This product features in particular Sherline mills. However, none of the statements or procedures may coincide with Sherline's opinion or interests.** LatheCity is not an employee of, or agent for any of the vendors referenced in the text and does not sell or represent any of the third party products discussed. No information provided in LatheCity manuals represents professional advice or best practices in machining. All information is provided to help hobbyists and other non-professionals gain a better understanding of using the accessories. Read the safety notes and follow these and other relevant safety procedures. Neither LatheCity nor its owner shall be liable for damage arising from unprofessional use or misuse of LatheCity accessories. Max RPM 1800 for most accessories, some accessories have max RPM of 100! Replace set screws with Nyclock screws

in case that heavy vibrations can be expected. Any legal action brought against LatheCity/Uwe Burghaus shall be tried in the State of North Dakota in Fargo, USA. WARRANTY: we do not provide any warranty for our products. In no event shall LatheCity's liability exceed the purchase price paid for the product. We shall in no event be liable for death, injuries to persons or property or incidental, contingent, special or consequential damage arising from the use of our products.

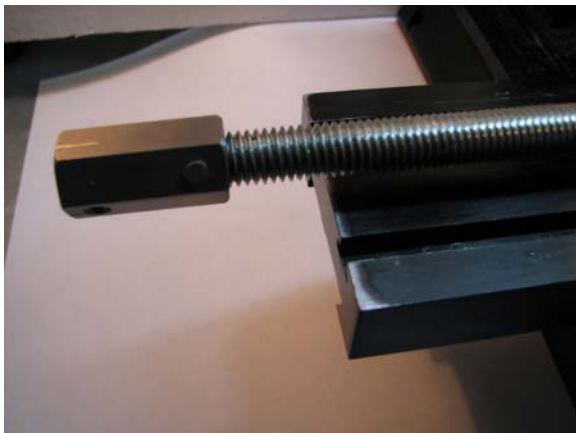
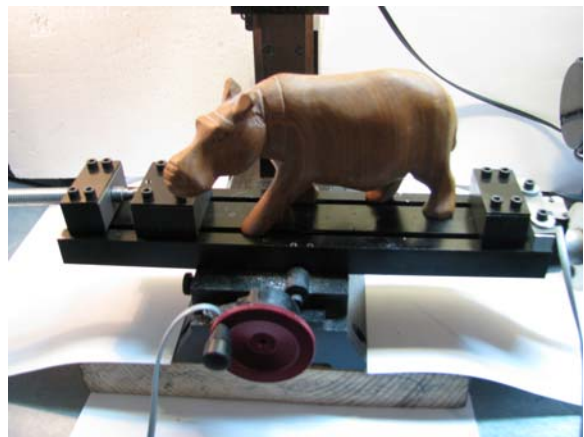
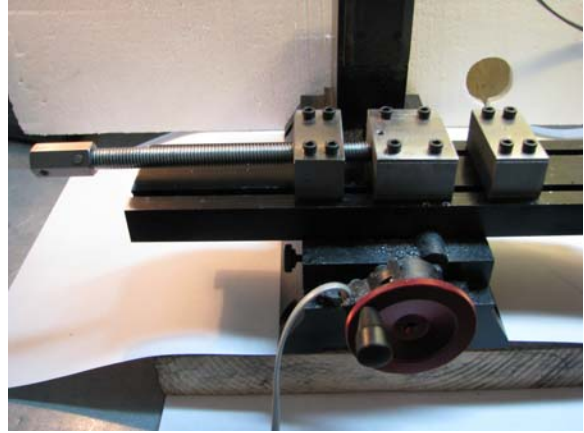
Price The design looks simple and it is indeed simple. However, one needs a rather large mill to machine a steel piece of that size and it's time consuming including cutting numerous steel T-nuts/bolts. Don't try to machine this type of steel vise on Sherline's mini mill. In addition, the materials costs are not that small.

Returns in resalable conditions are accepted within 30 calendar (factory direct) or 14 days (eBay) after shipment. All shipping costs will be covered by the customer. Credit card fees and tax will not be reimbursed. No restocking fees, no questions asked. No returns of custom designs or customized designs. No returns of bulk orders. Note that our return rate is below one percent.

Our products are made entirely in the U.S. by a small business. LatheCity is the manufacturer and not a retailer.

Uwe Burghaus
(LatheCity)

Fargo, North Dakota, USA
©, 2012, LatheCity



Currently used design

