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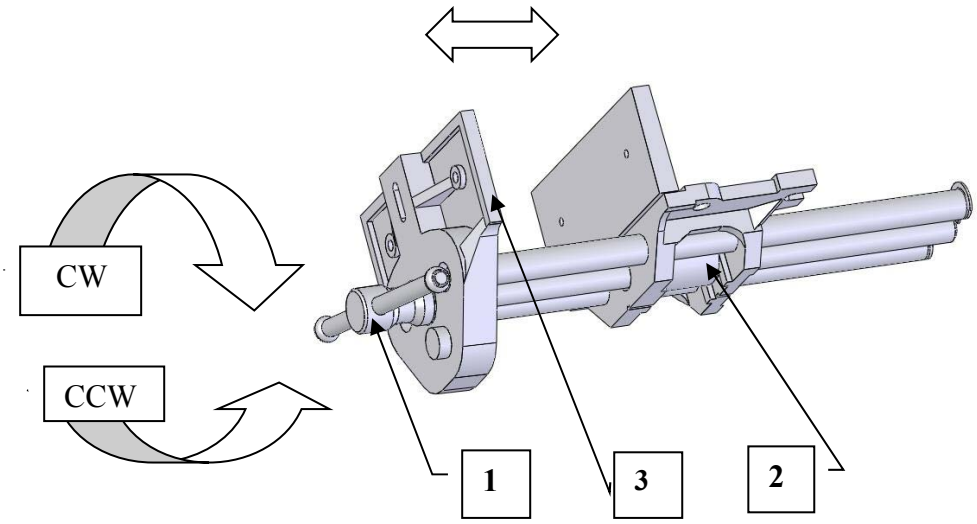
Operating the Quick-Release Vise

Components of quick release system (Picture 1) :

1. Handle
2. Quick-Release Nut
3. Front jaw



Picture. 1

Note:

You must fasten the vise to the bottom of a bench for the gravitional element of the quick release to operate properly.

Operating the Quick-Release function:

By turning the handle counterclockwise (CCW) about 1-1/2 to 2 turns, the quick-release nut releases the main screw. You can then slide the vise open or closed. By turning the handle clockwise (CW) about 1-1/2 to 2 turns, the quick release nut re-engages the main screw and allows you to tighten the vise normally.

Picture 2
View of the correct position of the nut

Caution ! !

Take care to not close the vise on your fingers.

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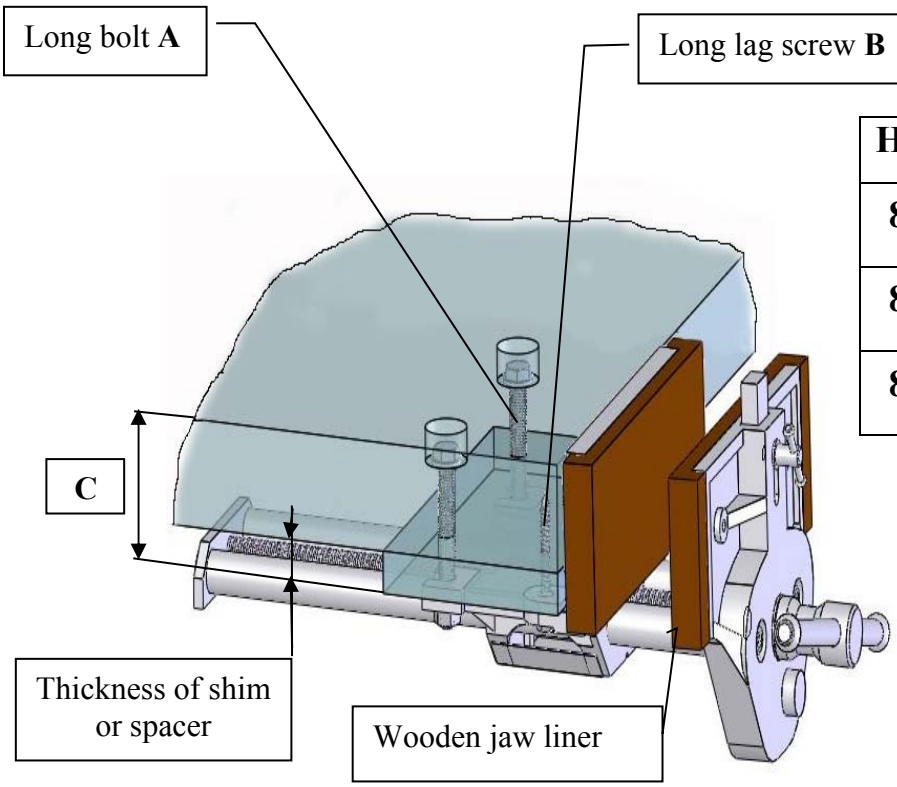
Mounting instructions for Quick-Release



HVR	A	B	C
801	M10x70 2/5“x2 ¾“	10x65 2/5“x2 ½“	65mm 2 ½“
802	M12x100 7/16“x4“	12x90 7/16“x3 ½“	90mm 3 ½“
803	M12x100 7/16“x4“	12x90 7/16“x3 ½“	90mm 3 ½“

1. Mounting instructions

The wood-work vice may be mounted to the underside of a workbench top in any desired location. When positioning the vice, make sure the vice is closed and that the screw and guide bar do not interfere with any dog holes, drawers, or with the legs of the bench. Fitting the vice to the bench will be easier if the bench is turned upside down.

The vice is designed for a 3-1/2“ inch thick bench top, type 801 is designed for 2-1/2“. If the bench top is thinner, a spacer or shim will have to be inserted between the rear jaw mounting surface and the underside of the bench top. A suitable shim may be made of hardwood, plywood or built with layers of tempered masonite. The vice may be attached to the work bench with either lag screws or through bolts with nuts. Use long lag screws 12x90 [7/16“x3 ½“] for type 801 10x70 [2/5“x2 ¾“] or long bolts M12x100 [7/16“x4“] for type 801 10x65 [2/5 x2 ½“]. If you are using bolts, coutersink the bolt heads into the bench top to provide an unrestricted work area.

2. Wooden jaw liners

Shop made wooden jaw liners are easily installed using screws after the vise has been mounted. On the rear jaw liner, countersink the screw heads to avoid marring work when clamping.