

Hyskore®

30278

Bench Top 360° Armorer's Vise



Guns, Scopes, Benches, Ammunition, Protective Gear, etc. are not included!

The vise rotates 360° around a central axis and has an integral clutch that allows it to lock up at any angle. Guns can be held in any position for cleaning, scope mounting or maintenance. This means you can clean with the muzzle angled down so that cleaning solvents and debris run out the muzzle and not into the action or trigger group. If you have an AR-15, remove the rear take down pin and grip the lower receiver in the vise and the gun will be securely held while allowing full access to all internal parts.

In the course of shipping, parts may end up missing or damaged,
Call us at 631.673.5975. 8:30a.m. - 5:00 p.m. Eastern Time. We will promptly send replacements.

Always wear appropriate vision and hearing protection when using this product!

Introduction

Sometimes it almost feels like it is necessary to have a third hand while working on various guns. In addition, people who really know about guns always recommend cleaning the gun from the breech with the barrel angled down. When cleaning the gun from the breech end you avoid damage to the muzzle crown. In addition, with the barrel angled down all the debris and gunk from the cleaning process run out the end of the barrel and not back into the action and trigger group. The HYSKORE® #30278 Bench Top Armorer's Vise makes all of these processes easy and convenient for the shooter. Some guns are relatively easy to support during the cleaning process; however, guns like the AR type platform, which are hinged at the forward take down pin are most easily serviced if they are supported in a fixture. The Armorer's Vise allows you to set the gun at the absolutely perfect angle for easy of cleaning and servicing.

As with all HYSKORE® products the vise is constructed from heavy duty welded steel sections with a powder coat finish. All of the gun contact surfaces have a generous foam pad to avoid damage to delicate finishes and surfaces. The clutch assembly is made from sturdy Delrin that provides excellent function and long service life.



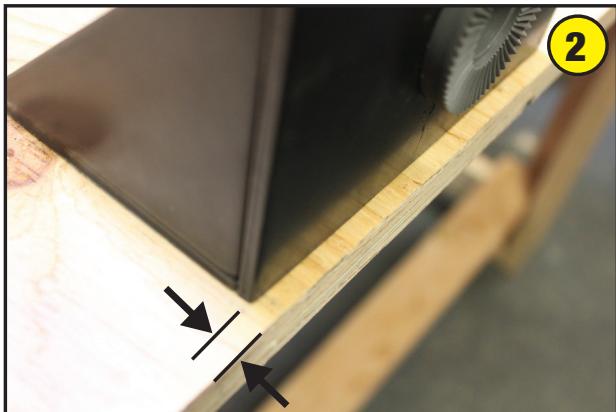
Assembly & Mounting



Items You Need To Purchase

In order to assemble and mount this product you will need an 8" or 10" adjustable wrench and a power drill with a $\frac{1}{2}$ " bit. In addition, you will need to purchase some outside hardware items. These were not included with the set because we have no idea what type of bench or surface you will mount the vise to. The recommended items to purchase are $\frac{1}{2}$ " hex bolts of a length sufficient to penetrate both the vise and the bench top and allow enough room for attaching hex nuts and washers (also must be purchased). In the event that the wood beneath where you mount the vise is solid you will need to purchase lag bolts to securely anchor the vise.

In the event that you do not have a bench further on in this instruction book there are suggestions on how to build one.

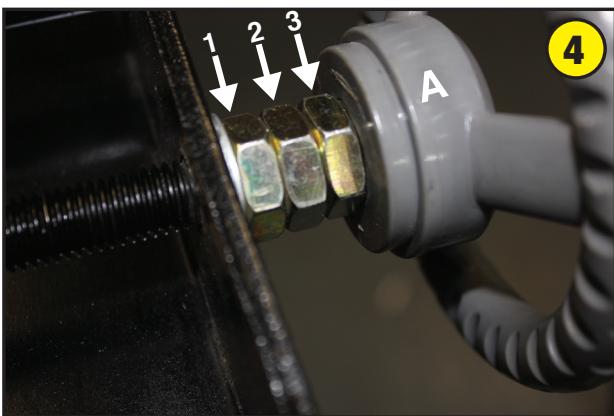


The bracket can be mounted flush to the edge of the bench or it can be recessed from the edge, this will depend on your preference. It is suggested you assemble the vise, put a gun in it, and then gauge the distance you feel is most appropriate for the type of work you want to do.

Place the vise mounting bracket on the bench top and mark the centers of the 4 mounting holes. Using the $\frac{1}{2}$ " drill bit drill 4 holes.



This is how the vise should look when you've completed mounting it.



The handle (A) has not been attached to the vise to avoid damage in shipping and handling. You will note that there are 3 hex nuts on the shaft. Hex nuts #1 and #2 have been fixed in place at the factory to maintain the proper clearance so the vise turns freely. Nut #3 is a jam nut that is used to jam against the handle (A) so that it stays securely in place.

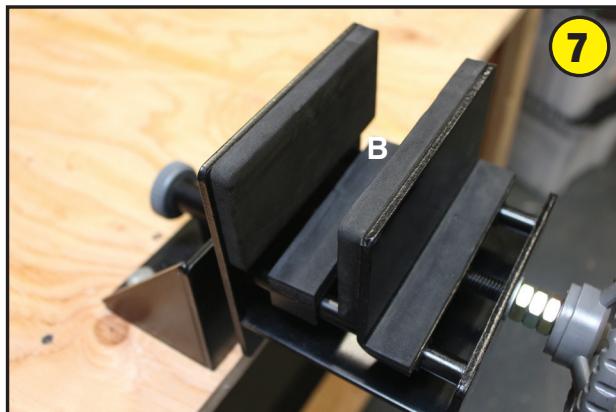


Thread the handle onto the shaft. Make sure that the #3 hex nut is in place first. Please note that the handle has a left hand thread, therefore, you will be turning it counter clockwise. Using your wrench hold the #3 nut in place and rotate the handle counter clockwise so it solidly engages against the nut and then tighten so the handle does not come loose. You will now be able to use the vise by rotating the handle.

You can use blue Locktite thread locker if the handle becomes loose.



Assemble the vise half to the bracket. You will note that the clutch has fascia teeth that allow it to engage at any angle. When the knob "A" is tightened and the clutch teeth are fully engaged it will hold the vise in position.



The vise has foam padded gun contact surfaces to avoid damage to the gun. In addition, it has a foam padded floor plate "B" that hooks onto the vise guides so the gun does not make contact with the internal surfaces of the vise.

The hook keeps it in position regardless of the angle.



8



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The vise can be rotated to the right (clockwise facing it) or

To the left, depending on the configuration of your gun; ie. If some part like the bolt handle get in the way.

How To Build A Simple Sturdy Bench

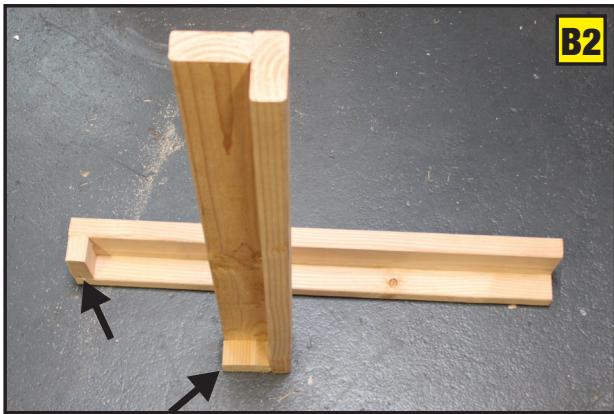


B1

These are the materials that you will need to construct a bench that has a 2' x 4' top, with the top of the bench 36" to 37" above the floor.

BILL OF MATERIALS

4 - 2" X 4" X 2"	Wood Glue
3 - 2" x 4" x 16"	3" Drywall Screws
2 - 2" x 4" x 19"	1 5/8" Drywall Screws
8 - 2" x 4" x 36"	
4 - 2" x 4" x 41"	
1 - 2' x 4' x 3/4" Plywood	



Assemble the legs as pictured above. It is a good idea to pre-drill all holes in the members that the screws go through first. Apply wood glue along all surfaces that are to make contact. Glue and screw the 2" x 4" wood blocks at the bottom of each set as shown. Before you finalize this step please refer to B3.



The legs are not identical within each pair one is a mirror image of the other. This is how the partially assembled bench frame will appear with the 41" and 19" 2 x 4's in place and the legs properly oriented. Glue and screw.



There are 3 - 16" cross braces under the top, as pictured above. These should be both glued and screwed into place.



The 2' x 4' plywood top of the bench will be larger than the frame underneath. Decide which side of the bench you want to be the back and align the plywood top so that it is even with the legs along the back of the bench. This way should you wish to attach vertical supports and then attach a peg board or similar organization device it will be an easy process.

Your bench is now complete.

• REPLACEMENT PARTS •

These are replacement parts for purchase. Pictures do not represent contents of set.



Parts List:

30278 - 1	Floor Plate for Vise	\$ 10.00
30100 - 4	Barrel Foam "V" Block Set (1 set).....	\$ 7.50
30100 - 8	Hand Wheel (1 pc.)	\$ 12.50
30182 - 3	Clutch Set	\$ 10.00
30182 - 5	M-16 Lock Knob.....	\$ 5.00
30278 - 2	Left Hand M-12 Hex Nuts (2)	\$ 5.00

Send Check or Money Order with Phone Number to:

Power Aisle, Inc.

P.O. Box 983

Middleburgh, NY 12122

NYS Resident add 8.75% Sales Tax

** \$10.00 Shipping & Handling to
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** \$25.00 Shipping & Handling to
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Visit our website: www.hyskore.com

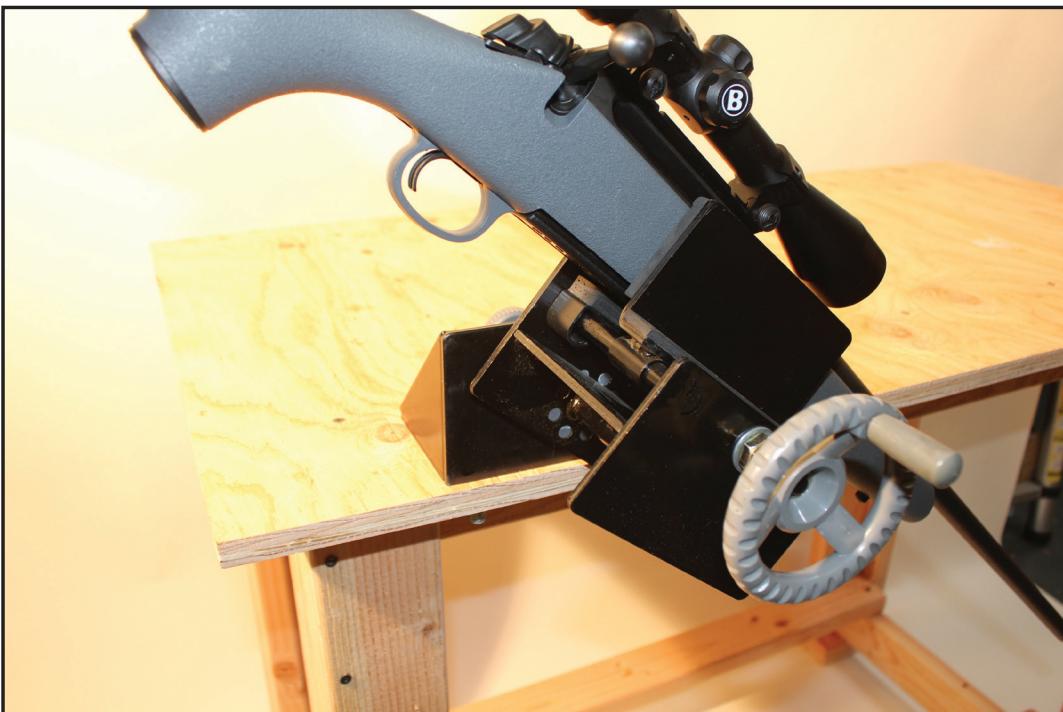
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