

HEAVY-DUTY BLIND SHELF SUPPORT INSTALLATION INSTRUCTIONS

Effective May 2018

Review instructions fully prior to use for important safety information. Always check Rockler.com to confirm that you are using the most recent version for your product.



GENERAL SAFETY WARNINGS

This product is designed for specific applications as defined in the instructions and should not be modified and/or used for any other applications. Before using the Heavy-Duty Blind Shelf Support, read, understand and follow all instructions and safety information provided. **KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE.**

- > Always confirm that you are using the most recent version of the Instructions and safety warnings for your product. To find the most recent version, find the product page on Rockler.com and click on the link to the Instructions.
- > For any tool used in conjunction with this product, always read, understand and follow the instructions and safety warnings in the owner's manual for that tool. If you do not have the owner's manual, obtain one from the tool's manufacturer before using it with this product.
- > Before using this product, review and verify that all tools to be used with it have safety equipment installed and are in proper working order as defined by the tools' owner's manuals.
- > Do not use this product until you have read and are confident you understand:
 - Product Specific Warnings (p. 3);
 - Installation (pp. 3-4).
- > Do not use this product in any manner other than what is described in these instructions. Use only recommended accessories.
- > Do not modify the product in any way unless instructed to by the instructions.
- > Remain alert and use good judgment when using this product. Do not use this product if you are in any way impaired by medications, alcohol, drugs or fatigue.
- > Dress appropriately and remove all jewelry, secure loose clothing and tie up long hair before using this product.
- > It is the sole responsibility of the purchaser of this product to ensure that any third party whom you allow to use this product reads and complies with all the instructions and safety precautions outlined in this manual prior to use.
- > Maintain these instructions and warnings as long as you own the product. Keep this booklet in a place where it will be readily available for reference.
- > The user assumes all risk and responsibility for the proper use of this product and for ensuring product suitability for intended application.
- > Always wear safety glasses in compliance with ANSI safety standards and hearing protection and follow all standard shop safety practices, including:
 - Keep your work area well lit and clean;
 - Unplug all power tools before making any adjustments or changing accessories;
 - Use dust collection tools and dust face masks to reduce exposure to dust;
 - Use accessory safety equipment such as featherboards, push sticks and push blocks whenever appropriate;
 - Do not use power tools in explosive environments (e.g., in the presence of flammable liquids, fumes or dust);
 - Keep children and bystanders away from the tool operating area;
 - Maintain proper footing at all times and do not overreach;
 - Do not force woodworking tools.
- > These warnings and instructions do not represent the total of all information available regarding tool safety, use and technique. Please read the full manual before using this product and always seek out opportunities to learn more and improve your skills and knowledge.

⚠ WARNING: Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection. For more information go to www.P65Warnings.ca.gov/wood.

⚠ DANGER Danger indicates a hazardous situation that, if not avoided, will result in death or serious injury.

⚠ WARNING Warning indicates a hazardous situation that, if not avoided, could result in death or serious injury.

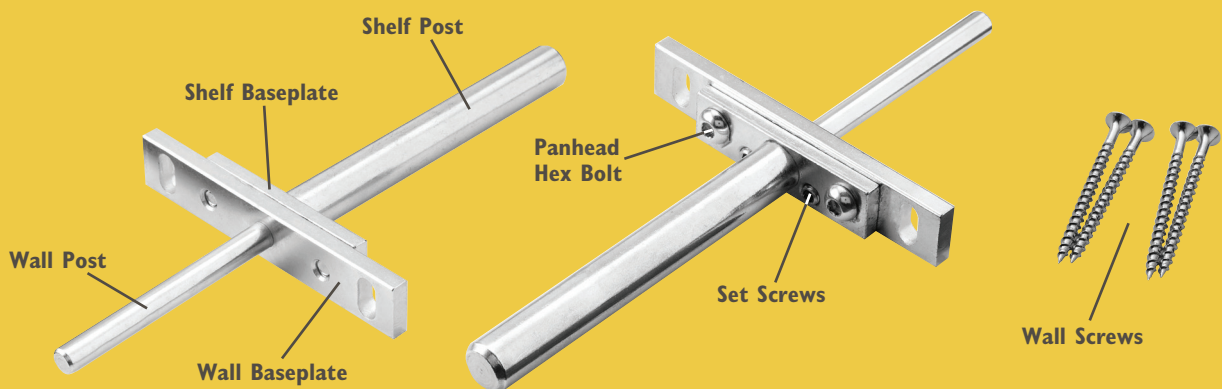
⚠ CAUTION Caution indicates a hazardous situation that, if not avoided, may result in minor or moderate injury or property damage.

NOTICE Notice indicates important or helpful information and/or user tips.

PRODUCT SPECIFIC WARNINGS

⚠ WARNING

- > Shelves longer than 48" require additional shelf supports. Do **NOT** skip more than one stud when installing supports.
- > These supports are rated to hold up to 125 lbs. per pair, including the weight of the shelf. Do **NOT** overload.
- > The Wall Posts of the Heavy-Duty Blind Shelf Supports **MUST** be mounted to the **CENTER** of **TWO** wooden wall studs, which generally are spaced 16" on center. As a result, your shelf must be at least 18" long so it will span at least two studs.
- > Your shelf must be at least 1 1/8" thick to fully conceal the Shelf Supports' baseplates. It can be thicker, but remember that the added thickness will increase the weight of the shelf and decrease the load it can hold.
- > Do **NOT** use these supports with shelves more than 14" deep; shelves narrower than 5 5/8" require that the shelf posts be trimmed from the front end with a hacksaw. (Final shelf post length should be about 3/8" shorter than the shelf's depth.)



Installation

1. Using a stud finder, locate the studs where you want to mount the shelf. Mark the centers of the stud locations at the desired installation height and measure the distance between them.
2. Use a level to mark a straight horizontal line across the stud marks to precisely locate the desired installation height.
3. Hold the shelf up to these marks as you want it positioned for final installation. (It might or might not be centered on the studs). Mark the stud locations precisely on the back edge of the shelf. **Fig. 1.**
4. At each stud location on the back edge of the shelf, make a cross mark centered on the shelf's thickness. These marks pinpoint where you will drill holes to accept the Shelf Posts.
5. Using a drill press or a hand drill with an extended-length 9/16" bit (51035, sold separately) installed, drill a 5 1/2" deep hole at the points marked in the previous step. **It is crucial that these holes be as square to the back edge of the shelf as possible** for the shelf to install properly and sit level. Use a combination or other square to guide you. **Fig. 2.**



Fig. 1



Fig. 2

- If the Shelf Post and Wall Post aren't attached, connect them loosely with the Panhead Hex Bolts. Fit a Shelf Post into each hole in the back of the shelf and align the baseplate of the Wall Post so that it's square to the edges of the shelf. Hold in place and mark the outline on the back of the shelf at each support location.

Fig. 3.

- Rout and/or chisel out the material inside the outlines until the baseplate of the Wall Post is able to sit flush to the back edge of the shelf, with only the post extending beyond the edge.

- Detach the Shelf Posts from the Wall Posts.

▲WARNING

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- At each marked stud location on the wall, use a 21/64" bit (54702, sold separately) to drill a 3/8" deep hole. **It is crucial that these holes be as square to the wall surface as possible.** Use a combination or other square to guide you.

- Fit the Wall Posts into the holes you just drilled and use a level to fine-tune the baseplate's position. Mark the centers of the slots toward the outer edge of the baseplate. **Fig. 4.**

- Remove the Wall Posts from the wall; drill holes for wall anchors (not included) at the locations you just marked and install the anchors.

- Fit the Wall Posts back into their holes and secure with screws driven into the wall anchors (not included). Fully tighten after checking again to be sure the baseplates are level.

- Thread the Set Screws into the small holes on the baseplates of the Shelf Posts.

- Attach the Shelf Posts to the Wall Posts with the Panhead Hex Bolts, taking care to orient the Shelf Posts so that the Set Screws will be at the bottom. **Fig. 5.**

- If necessary, level the Shelf Posts by adjusting the Set Screws. Fully tighten the Panhead Hex Bolts once the Shelf Posts are level. **Fig. 6.**

- Slide the shelf onto the supports, tight against the wall.

- Check the shelf again to be sure it's level. If it isn't, remove it from the supports and repeat Step 15 until it is level.

Check Rockler.com for updates. If you have further questions, please contact our Technical Support Department at 1-800-260-9663 or support@rockler.com



Fig. 3



Fig. 4



Fig. 5



Fig. 6