See the entire system of
KLAMP SYSTEM™ COMPONENTS at:
WWW.KREGTOOL.COM

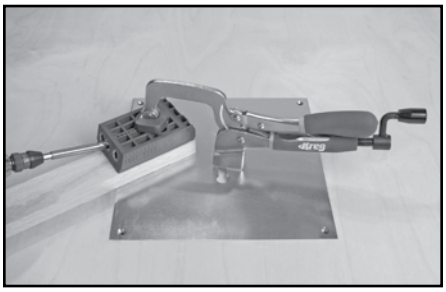
This manual is intended for use with:

- Large Bench Klamp™
- Klamp Plate™

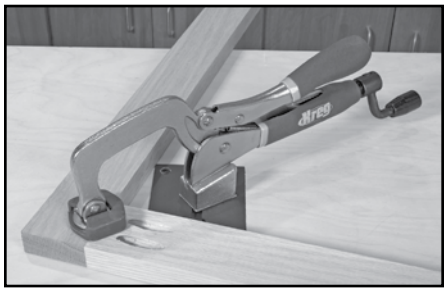
KBK-IP - Klamp Plate™

KLBK - Large Bench Klamp™

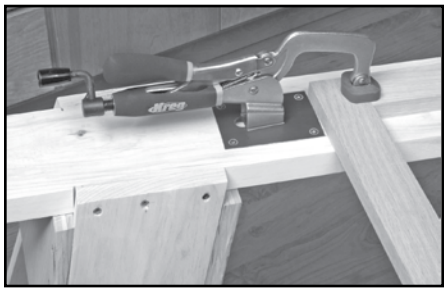
Practical Uses



Hold Pocket-Hole Jigs in place.
Firmly clamp your Pocket-Hole Jig to its workpiece. Learn more about Pocket-Screw Joinery at www.kregtool.com.



Frame construction.
Perfectly flush joints, every time! Great for edge-banding, joining miters, sanding, routing, and many other frame construction processes.



Sawhorse hold down.
Rout into a sawhorse for an extremely mobile clamping station. Great for clamping roofing-steel, vinyl siding, or framing stock on the job site.

Product Features/Specs

Klamp Plate
Item# KBK-IP

- 3" x 4" plate
- 1/4" thick Anodized Aluminum
- Hardware Included

Rigid aluminum clamping hub routs easily into any workbench, drill-press, or sawhorse. Allows for quick-attach and release of Bench Klamp™, and 360° clamping wherever you need it most! Expand your work area with 2 or 3 Klamp Plates™ on the same workbench.

Large Bench Klamp
Item# KLBK

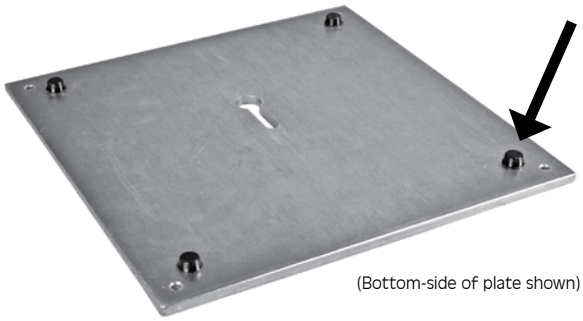
- 10" square plate
- Zinc plated, 1/4" thick steel
- Hardware Included

Rigid steel clamping surface routs into any workbench and can be used independently on the job-site. Allows for quick-attach and release of Bench Klamp™, and 360° clamping wherever you need it most! Bring your clamp to your work, not the other way around.

Large Bench Klamp Only

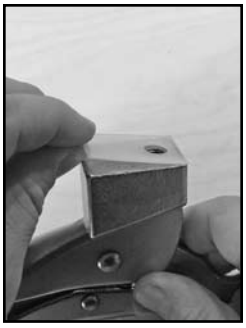
Rubber Bumpers

When not routed into a workbench, the Large Bench Klamp requires the use of rubber bumpers to elevate the base from the work surface. This allows the Bench Klamp's anchoring screw to slide and rotate freely. The bumpers can be installed to the bottom-side of the Large Bench Klamp. First, mark a point on each corner, roughly 1" from each side, as shown in the picture below. Then, remove the protective coating on each rubber bumper, and place over your mark. An exact placement is not essential. Allow several minutes for glue compund to cure.



(Bottom-side of plate shown)

Installation Instructions



1) Prepare the Bench Klamp™

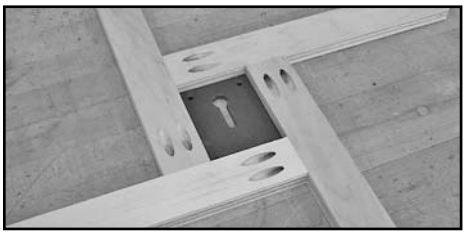
Begin by separating the Plastic Glide Pad from its paper backing. Then, carefully center and adhere the pad to the base of the Bench Klamp™. Any part of the pad which extends beyond the Bench Klamp™'s base may be trimmed off, using a scissors. This Pad protects the anodized aluminum of the plate, from the steel Klamp.

Once finished with the pad, insert the Anchoring Screw into the base of the Bench Klamp. Start with the Anchoring Screw roughly ½ of the way in, and test it on the Klamp Plate/KLBK. The goal is for the Anchoring Screw to "slip-fit" into the key-hole of the Klamp Plate/KLBK. If the connection is too tight, the Bench Klamp will not be able to move freely across the key-hole. If the connection is too loose, you may get vibrations and imperfect clamping results. Once you have the Anchoring Screw positioned to your liking, allow a minute for the Thread Locking Compound to cure.

(The following steps are for recessed mounting only)

2) Determine Location for Installation

The Klamp Plate is uniquely designed to offer you a clamping solution where other clamps simply can not go. Consider placing the Klamp Plate/KLBK in the center of your workbench. Once you have determined a good location, position the plate accordingly, and mark around it with a pencil. This will be your guide for routing later on.

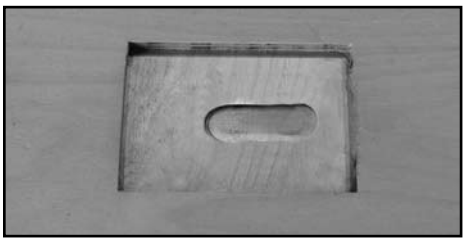


3) Construct a Routing Template

It's necessary to construct a template for accurate routing of your workbench. Make sure that you use 4 pieces of stock with identical thickness, so that your routing depth will be true and without discernable variation. Begin by placing the Klamp Plate on a work surface, and positioning your 4 pieces around it, as shown in the image to the left. Align the 4 pieces around the plate, snuggly. Join them together using Pocket-Screw Joinery, or any other technique you are comfortable with.

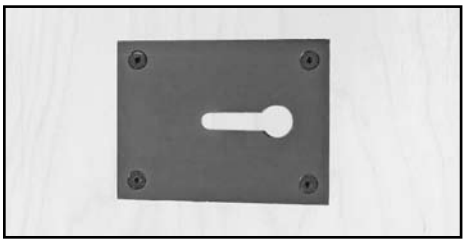
4) Begin Routing

Clamp, screw, or nail your template to the workbench, over the pencil marks that you made earlier. Remember to keep your clamps clear of the router's intended path. Set the flush trim bit depth to the thickness of the Klamp Plate/KLBK, plus the thickness of the template you have constructed. Starting slightly more shallow than intended is highly recommended, as you can always rout deeper, but it's very difficult to replace wood that you have already removed. If this does happen, paper or wood shims can be added to raise the effective height once again. Use a wood chisel to remove the remnant wood from the corners. When this step is complete, you should be left with a space in your workbench identical to the size of the plate you are installing.



5) Key-Hole Routing

Because the Anchoring Screw protrudes below the Klamp Plate when inserted, you must rout an additional space below the Key-Hole for smooth operation. Place the plate into the newly routed surface on your workbench and use a pencil to outline the Key-Hole onto the workbench. Use a Forstner or Spade style drill-bit to rout an additional ¼" of material below the Key-Hole. Use a wood chisel to finish, if necessary. Place the plate into the completed workbench, and ensure that the Bench Klamp is able to move freely across the key-hole.



6) Finishing Touch

Drill pilot holes and use wood screws to install the Klamp Plate/KLBK in solid wood and plywood surfaces of 1-½" and thicker. Drill appropriately sized holes and use machine screws, washers and nuts in all particle board and MDF installations, as well as solid wood and plywood surfaces of less than 1-½" in thickness.