

About the C-10

The **C-10 Standard Quick-Release Clamp** uses the Arca-Swiss geometry. It is compatible with most Arca-Swiss style quick-release plates, such as those made by Wimberley, Really Right Stuff, Kirk Enterprises, LL Rue, Arca-Swiss and Markins. It is not compatible with most Bogen, Manfrotto or Gitzo quick-release plates.

The C-10 clamp is 2.5" long. It has a central 3/8" threaded hole that can be used to fasten it to a tripod, monopod, or any piece of equipment requiring a quick-release clamp that has a compatible 3/8" mounting stud, such as a ball head* (see page 2). The C-10 clamp comes with a 3/8" to 1/4" brass reducer bushing that you can use if your application requires a 1/4" threaded hole instead of a 3/8" hole.

The three smaller 1/4" threaded holes can be used to keep the clamp from twisting by using multiple fasteners or set screws (Figure 1). One set screw and its appropriate wrench are included with the standard C-10. This makes it easy to keep the clamp from twisting without using adhesives or purchasing extra hardware.

Dimensions (Overall L x W x H): 2.5 x 3.3 x 0.98 in

Weight: 4.7 oz (includes set screw and bushing)

Materials: Anodized 7075 T6 & 6061 aluminum, stainless steel fasteners

Instructions

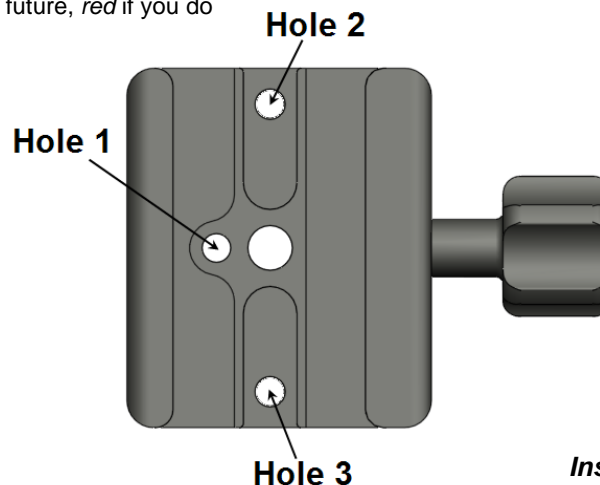
Mounting Your Clamp:

To mount the C-10 Clamp, simply screw the clamp to any tripod head or other piece of equipment that has a 3/8" mounting stud and screw it down very tightly. **Before you screw down the clamp, make sure that the set screw located in Hole 1 (see Figure 1 below) is not protruding beyond the bottom mounting surface of the clamp.** NOTE: The brass reducer bushing (part #BS-100) in the center hole of the clamp allows you to mount the clamp to a 1/4" stud. *Remove the bushing with a flathead screwdriver to use the clamp with a 3/8" stud.*

After you have fastened the clamp to the desired piece of equipment, **tighten the set screw located in Hole 1 using the enclosed hex key to prevent the clamp from rotating.** We recommend tightening the set screw so tightly that it lifts the C-10 off the top of the ball about .006" (more than the thickness of one Post-it and less than the thickness of two).

The 1/4" threaded Holes 2 and 3 can also accommodate set screws, and can be used in other ways when fastening the clamps to various surfaces. To ensure a more permanent attachment, use an epoxy or thread-locking liquid (aka Loctite – *blue* if you might want to remove it in the future, *red* if you do not plan to remove it).

Figure 1



Wimberley™

C-10

Standard Quick-Release Clamp™



Made in USA



Package Contents:

- C-10 Quick Release Clamp (Qty 1)
- BS-100 Brass Reducer Bushing (Qty 1)
- Set Screw (Qty 1) - installed
- Hex Key (Qty 1)

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Instructions continued on back >>

— Instructions (Continued) —

The clamp is constructed of 7075 T6 aluminum (about 1.8 times as strong as 6061), 6061 aluminum and stainless steel. The clamp has a unique hidden tongue and groove design that protects internal parts from dust and grit (see Figure 2). The tongues are nearly twice as long as those on other Arca-Swiss style clamps. This added length counteracts the tendency for the moving jaw of the clamp to tip backwards during clamping, thus keeping the jaws aligned with the geometry of the plate. This also eliminates unwanted bending stresses on the stud on which the knob rides.

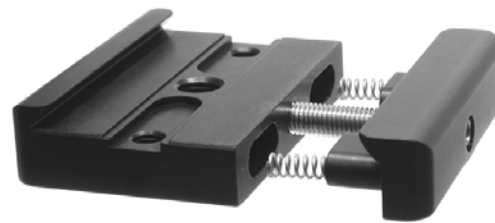


Figure 2

Loading a Quick-Release Plate in the Clamp Jaws

Open the jaws of the clamp by turning the 5-pronged knob counter-clockwise. You can load a quick-release plate by opening the jaws of the clamp minimally and sliding the plate in from the end (end loading), or you can open the jaws of the clamp wide so that they clear the entire width of the plate and then load the plate from the top (top loading). **You will need to top load your plate if you have safety stop screws installed on your plate.**

There is a stop screw in the end of the threaded stud of the clamp knob (Figure 3). This screw keeps the knob and internal workings of the clamp captive, which means that the knob will not unscrew entirely and come apart unexpectedly.

Two shallow finger-shaped channels have been machined into the face of the clamp from the ends, stopping just short of the central 3/8" tapped hole (see Figure 4). These channels allow greater forward-backward adjustment when using the optional safety stop screws on Wimberley plates or on other compatible quick-release lens plates that include this safety feature (see Figure 5).



Figure 3



Figure 4



Figure 5

***Special note for ALL ball head owners:**

This standard clamp kit cannot be installed on ball head shafts requiring special mounting hardware or a modified clamp with special grooves milled to fit. It can however be installed onto a ball head's flat mounting plate or quick-release plate if it has a 3/8"-16 or 1/4"-20 mounting stud. Use the small set screw included, add Loctite to the stud threads, or use additional set screws to prevent the clamp from twisting. Most Gitzo and Bogen/Manfrotto ball heads are not compatible with our quick-release system. **We sell special mounting kits for installation of our quick-release clamp on the following ball heads:**

C-10AS: Arca-Swiss Z1 (& some B1), Acratech Ultimate, RRS BH-55

C-10BG: Bogen 468 & 469

C-10GZ: Gitzo 1377M & 1277M

C-10MG: Manfrotto 468MG (hydrostatic)

Please contact us directly if you have one of the above ball heads and we will assist you in getting the correct installation kit.

Thank you for your interest in Wimberley products. If you have any questions or comments please feel free to contact us (our contact information is located in the black box on the first page).