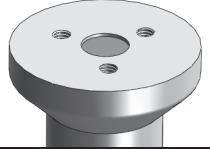
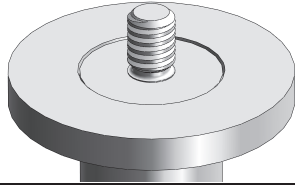
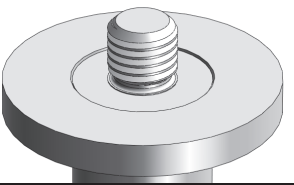
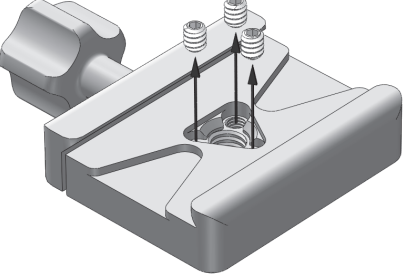
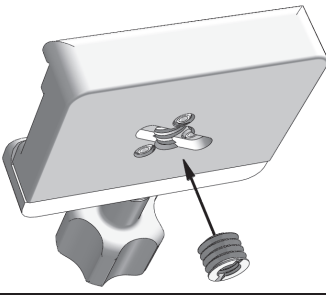
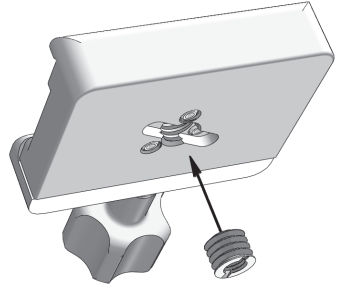
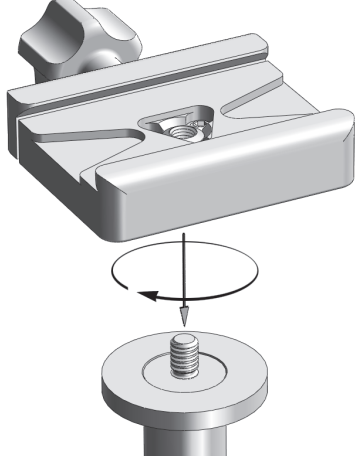
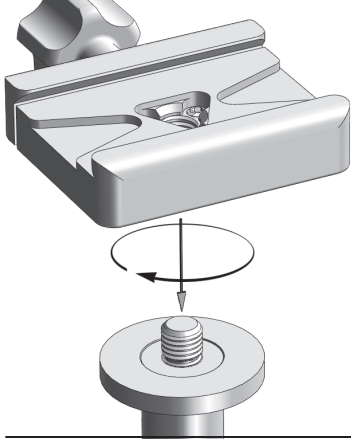
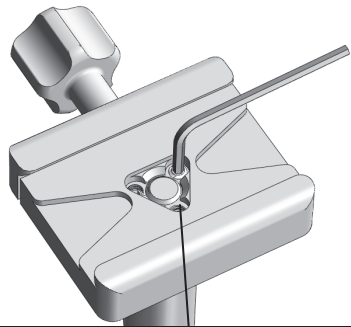
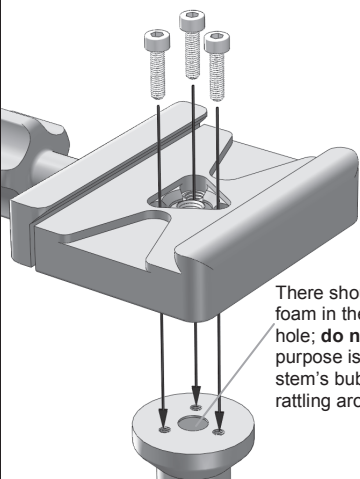
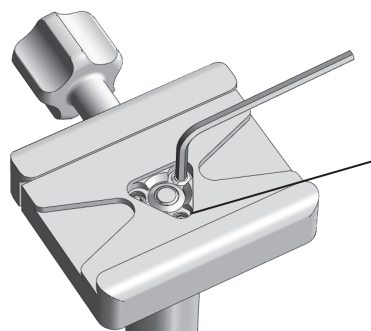


F	G	H
<p><b>M3 Threaded Holes (qty. 3)</b></p> 	<p><b>1/4" Threaded Stud</b></p> 	<p><b>3/8" Threaded Stud</b></p> 
<p><b>Step 1:</b> Remove the three small set screws from the center of the clamp (use the provided 2.5mm hex key).</p>  <p><b>Step 2:</b> From the bottom surface of the clamp, thread the brass bushing (Hardware Guide #3) into central hole of the C-12. A penny or similar sized coin can be used as an installation tool. <b>NOTE:</b> Make sure the bushing is fully installed and is not protruding. The purpose of the bushing is to keep the bubble level from falling out of the stem.</p> 	<p><b>Step 1:</b> Thread the brass bushing (Hardware Guide #3) into the central hole of the C-12 from the bottom surface of the clamp. A penny or similar sized coin can be used as an installation tool. Make sure the bushing is fully seated and not protruding.</p>  <p><b>Step 2:</b> Screw the C-12 onto the threaded stud of the ball head. Screw it on as tightly as you can (lock the ball head down and really use some muscle).</p> 	<p><b>Step 1:</b> Screw the C-12 onto the threaded stud of the ball head. Screw it on as tightly as you can (lock the ball head down, and really use some muscle).</p>  <p><b>Step 2:</b> Tighten the 3 set screws snugly, using the enclosed 2.5mm hex key (see note below if you are attaching to a cork or rubber coated surface).</p> 
<p><b>Step 3:</b> Attach the C-12 to the ball stem using the three M3 screws (Hardware Guide #4), and tighten with the 2.5mm hex key. <b>NOTE:</b> Lightly tighten all three, then go back and firmly tighten each one.</p>  <p>There should be a piece of foam in the stem's central hole; do not remove it! Its purpose is to keep the stem's bubble level from rattling around.</p>	<p><b>Step 3:</b> Tighten the 3 set screws snugly, using the enclosed 2.5mm hex key (see note to the left if you are attaching to a cork or rubber coated surface).</p> 	<p><b>Note:</b> If the platform you are attaching the C-12 to is fully coated with cork or rubber so that the set screws are not engaging a metal surface, tighten only the set screw farthest from the clamp's moving jaw.</p> <p>This will force the bottom edge of the clamp into full contact with the rubber or cork coated platform, and thus create a more robust connection. You can remove the 2 set screws that you are not using.</p>

## Loading a Plate into the C-12

### Side Loading (for plates without safety stop screws):

Open the jaws of the clamp (by turning the 5-prong knob counter-clockwise) until the clamp's jaws are just wide enough for the plate to slide in from the side. Slide the plate into the jaws of either end of the clamp (Fig. 1) and tighten the 5-prong knob. **Make sure that the clamp jaws are aligned with the dovetail groove in the sides of the plate. Check to make sure the plate is secure.**

This method requires the jaws of the clamp to be opened and closed minimally, and is the fastest method for loading or unloading a plate. **If you are using plates that have safety-stop screws installed (Fig 2), you will need to top-load your plate (see section below).**



Figure 1 (side loading)

### Safety Stop Screws & the C-12



Figure 2

Shown: Bottom view of Wimberley P-5 Universal Camera Body Plate with safety stop screws installed.

The C-12 clamp has two shallow v-shaped channels machined from the ends into its face, stopping just short of the central mounting holes (Fig 3). When safety stop screws are installed correctly (Fig 2), the heads of the screws catch on these channels which prevents the plate from sliding any further. This provides additional room for forward-backward plate adjustment than when using an Arca-Swiss style clamp without these channels.

**NOTE:** Wimberley pioneered the safety stop screw technology; however, channel depth and screw head height are not standardized throughout the industry. Other manufacturer's plate safety stop screws may not be fully compatible (screw heads may be more or less pronounced than Wimberley plate safety stop screws). Use of non-Wimberley plates is at your own risk.

Wimberley plates provide the user with optional safety stop screws, which prevent the plate from completely sliding out of the clamp should it accidentally become loosened. If you are using these stop screws, you'll need to "top load" the plate into your C-12 clamp (Fig 4).



Figure 3

### Top Loading:

Use this method if your plate has safety stops installed.

Open the jaws of the clamp (by turning the 5-prong knob counter-clockwise) until the clamp's jaws are wide enough to clear the entire width of the plate. Insert the plate into the clamp from the top and tighten the clamp knob. **It is very important to make sure that the clamp jaws are aligned with the dovetail groove in the sides of the plate. Check to make sure the plate and lens are secure before proceeding!**

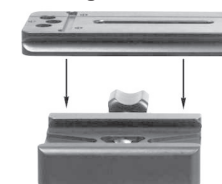


Figure 4

Top load your plate when safety stops are used.

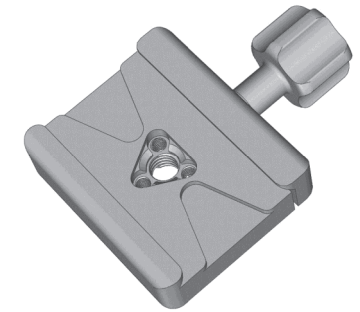
# Wimberley™

## C-12 Quick-Release Clamp



7 53182 83442 9

Made in USA



### Package Contents:

- Quick-release Clamp: C-12 (Qty 1)
- Set Screws: M5 x 6mm, pre-installed (Qty 3)
- Reducer Bushing: BS-100, brass (Qty 1)
- Mounting Screw: M6 x 30mm Flat-Head (Qty 1)
- Mounting Screw: M3 x 12mm Hex Screw (Qty 3)
- Mounting Screw: 1/4"-20 x 0.75" Flat-Head (Qty 1)
- Hex Key: 2.5mm (Qty 1)
- Hex Key: 5/32" (Qty 1)

Wimberley, Inc. Phone: 1-540-665-2744  
 974 Baker Lane Toll Free: 1-888-665-2746 (USA & Canada)  
 Winchester, VA  
 22603 USA www.tripodhead.com info@tripodhead.com

<b>Description:</b>	The C-12 is a 2.5 inch long, Arca-Swiss style quick-release clamp. It is designed to attach to a tripod head, or other piece of camera support equipment (e.g. a ball head, monopod, shoulder stock, etc.), giving you an attachment point for all of your cameras and lenses that have compatible Arca-Swiss style plates attached to them. Quick-release plates are sold separately.
<b>Dimensions:</b>	2.5 in x 3.3 in x 0.98 in
<b>Weight:</b>	4.5 oz (including set screws)
<b>Materials:</b>	Anodized 6061 aluminum & stainless steel
<b>QR Geometry &amp; Compatibility:</b>	The C-12 Quick-release Clamp uses the Arca-Swiss type geometry. It should therefore be compatible with any quick-release plate that claims to be Arca-Swiss style (or similarly labeled), such as those made by Wimberley, Really Right Stuff, Kirk Enterprises, Arca-Swiss, Acrotech, Markins and others.  <b>Note:</b> most Gitzo and Manfrotto plates are not Arca-Swiss style and thus are not compatible.

# Installation Instructions

First, if possible, remove the existing quick-release clamp or round mounting disc from the equipment to which you are attaching the C-12 QR Clamp.\*\*

**If you are attaching the C-12 to a ball head:** Use the Ball Head Guide below to find your make and model of ball head. The Installation Chart contains the appropriate instructions for attaching the clamp based on the stem configuration on your ball head.\*\*


**For other types of equipment, or if your head is not listed in the Ball Head Guide:** Find the picture that best matches the mounting geometry of your equipment in the top row of the Installation Chart to the right (the chart continues on the back page). Follow the instructions in the column below the appropriate picture (not all ball heads on the market today are compatible). Contact us if you have questions or concerns.

**\*\* Important Note:** For the most up-to-date and detailed information about how to mount the C-12 to your equipment, including pictures and instructions for removing existing clamps from specific equipment, please visit the following page on our website:


<http://www.tripodhead.com/clamp-attachment.cfm>

Ball Head	Installation Chart Column
Arca-Swiss Monoball B1 & Z1	Column A
Cullmann 40200	Column E
FLM Centerball 58 FT	Column D
Giottos MH 1000 & 1001	Column D
Giottos MH 1300 & 1301	Column E
Giottos MH 2000	Column D
Giottos MH 3000	Column D
Giottos MH 3300	Column E
Gitzo G1277M & G1278	Column D
Gitzo G1377M & G1378	Column D
Gitzo G1780	Column F (back page)
Gitzo G2780	Column F (back page)
Gitzo G3780	Column F (back page)
Linhof Profi II & Profi III	Column D
Manfrotto 468MG	Column B
Manfrotto 468MG RC (0, 2, 3, 4, & 5)	Column B
Manfrotto 488 RC0 & 488 RC4	Column C
Manfrotto 490 RC4	Column C


### Hardware Guide




1  
M6 Fastener



2  
1/4\"







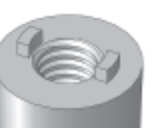
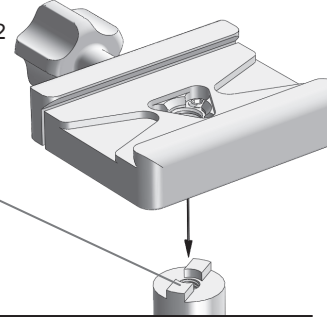
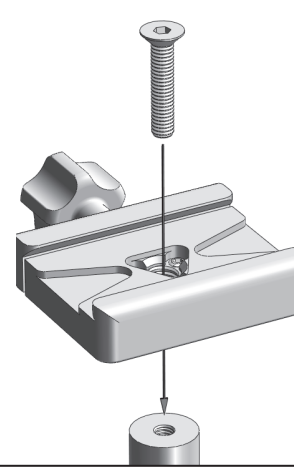
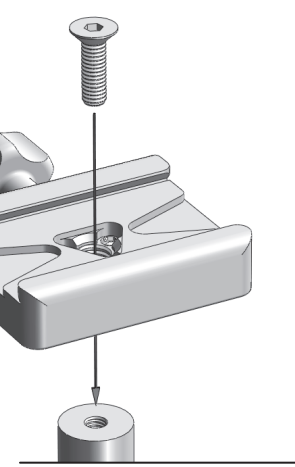
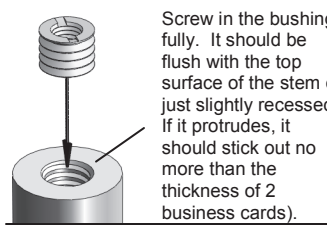
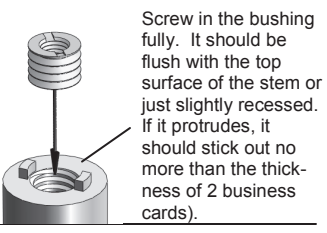
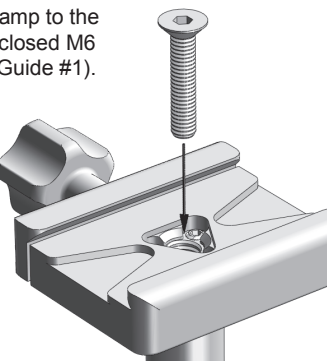
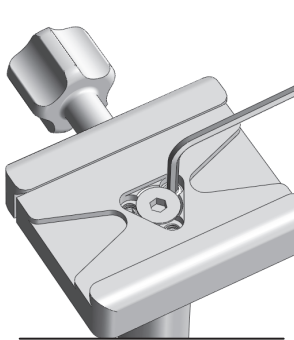
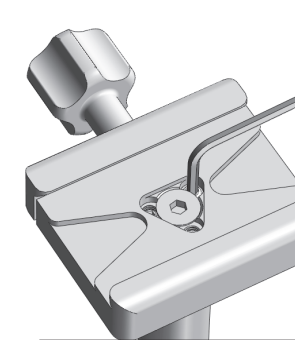
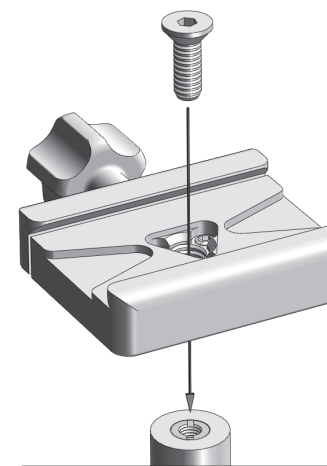
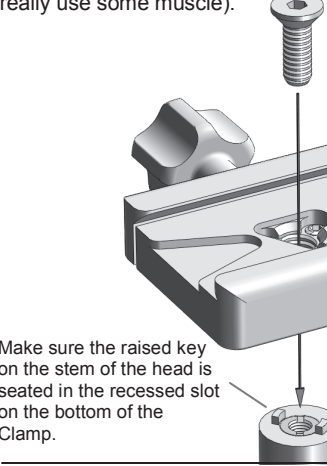
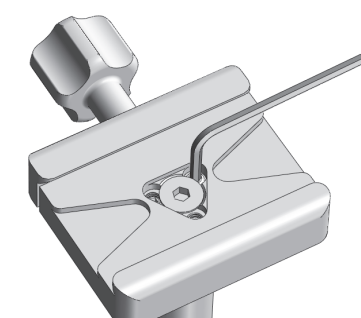
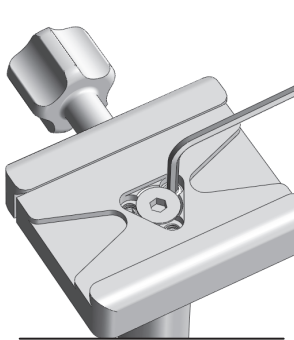
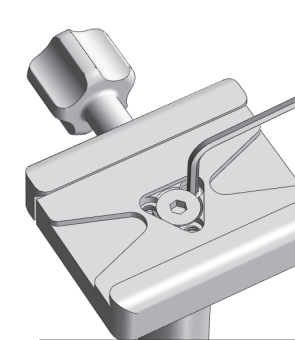
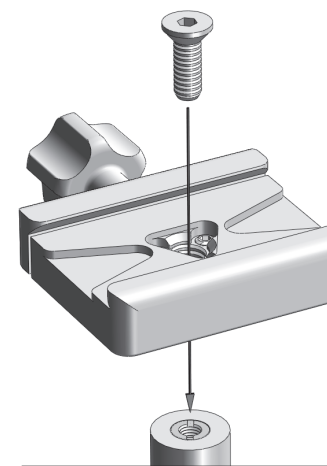
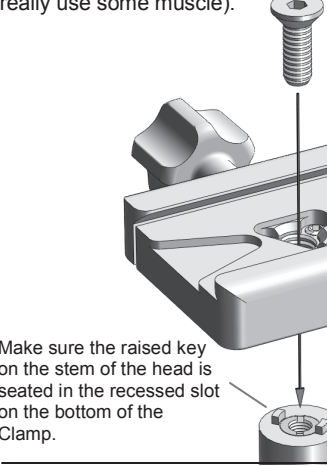
3  
Brass Bushing  
3/8\"



4  
M3 Fasteners

## Installation Chart

Chart continued on next page →

A	B	C	D	E
<b>M6 Threaded Hole + Key</b> 	<b>M6 Threaded Hole (Deep)</b> 	<b>M6 Threaded Hole (Shallow)</b> 	<b>3/8\"</b> 	<b>3/8\"</b> 
<p><b>Step 1:</b> Seat the C-12 on the stem of the ball head.</p>  <p>Make sure the raised key on the stem of the head is seated in the recessed slot on the bottom of the clamp.</p>	<p><b>Step 1:</b> Fasten the C-12 to the ball head using the enclosed M6 screw (see Hardware Guide #1). <i>If the screw is too long (bottoms-out in the hole prematurely), use the shallow hole instructions in column C to the right.</i></p> 	<p><b>Step 1:</b> Attach the C-12 using the fastener that originally came with the ball head clamp. It should look like a <i>shorter version</i> of the M6 fastener (Hardware Guide #1) that we provide.</p> 	<p><b>Step 1:</b> Screw the included brass bushing (see Hardware Guide #3) into the threaded hole in the stem. <i>A penny or similar sized coin can be used as an installation tool.</i></p>  <p>Screw in the bushing fully. It should be flush with the top surface of the stem or just slightly recessed. If it protrudes, it should stick out no more than the thickness of 2 business cards).</p>	<p><b>Step 1:</b> Screw the brass bushing (Hardware Guide #3) into the threaded hole in the stem. <i>A screwdriver should be used as an installation tool.</i></p>  <p>Screw in the bushing fully. It should be flush with the top surface of the stem or just slightly recessed. If it protrudes, it should stick out no more than the thickness of 2 business cards).</p>
<p><b>Step 2:</b> Fasten the clamp to the ball head using the enclosed M6 screw (see Hardware Guide #1).</p>  <p>Use the enclosed 5/32\"</p>	<p><b>Step 2:</b> Tighten the 3 set screws, using the enclosed 2.5mm hex key.</p> 	<p><b>Step 2:</b> Tighten the 3 set screws, using the enclosed 2.5mm hex key.</p> 	<p><b>Step 2:</b> Fasten the C-12 to the stem with the 1/4\"</p>  <p>Use the enclosed 5/32\"</p>	<p><b>Step 2:</b> Fasten the C-12 to the stem with the 1/4\"</p>  <p>Use the enclosed 5/32\"</p>
<p><b>Step 3:</b> Tighten the 3 set screws using the enclosed 2.5mm hex key. <b>NOTE:</b> Lightly tighten all three, then go back and firmly tighten each one.</p> 	<p><b>Step 3:</b> Tighten the 3 set screws, using the enclosed 2.5mm hex key. <b>NOTE:</b> Lightly tighten all three, then go back and firmly tighten each one.</p> 	<p><b>Step 3:</b> Tighten the 3 set screws, using the enclosed 2.5mm hex key. <b>NOTE:</b> Lightly tighten all three, then go back and firmly tighten each one.</p> 	<p><b>Step 3:</b> Tighten the 3 set screws, using the enclosed 2.5mm hex key. <b>NOTE:</b> Lightly tighten all three, then go back and firmly tighten each one.</p> 	<p><b>Step 3:</b> Tighten the 3 set screws, using the enclosed 2.5mm hex key. <b>NOTE:</b> Lightly tighten all three, then go back and firmly tighten each one.</p>  <p>Make sure the raised key on the stem of the head is seated in the recessed slot on the bottom of the Clamp.</p>
<p><b>Set screws &amp; small diameter stems:</b> If your ball head has a small diameter stem, the set screws may not fully engage the surface of the stem. However, because there are <i>three</i> set screws, we found that they create a rigid, twist-free connection even in situations where the set screws are only partially contacting the stem of the ball head.</p>			<p>If you are not comfortable with the amount of contact between the set screws and the stem, you can use an adhesive such as epoxy (or Loctite) to keep the clamp from twisting or coming loose.</p> 