

StediCam Parts List*

- A. 1 – Bogen 3232 Monopod Swivel Tilt Head
- B. 1 – 1/2” internal to 1/2” external “brass bushing” flare adapter (part 9402249 at osh.com¹)
- C. 2 – 3/8” internal to 1/2” external “brass bushing” flare adapter (part 9402231 at osh.com¹)
- D. 1 – 1/2” internal diameter steel pipe (blackened) – 18” long
- E. 2 – 1/2” internal diameter steel pipe (blackened) – 12” long
- F. 1 – 5 lbs exercise weight
- G. 1 – 2.5 lbs exercise weight
- H. 1 – 1/2” internal diameter steel pipe tee joint
- I. 2 – 3/4” O-ring
- J. 2 – 1/4” – 20 thread – 2” long stainless steel bolt
- K. 4 – 1/4” stainless steel fender washer
- L. 2 – 1/4” stainless steel lock nut (nylon insert)
- M. 2 – 1/4” stainless steel external lock washer
- N. 2 – 5/8” stainless steel nut
- O. 1 – 3/8” stainless steel lock nut (nylon insert)
- P. 1 – 3/8” stainless steel external lock washer
- Q. 1 – 3/8” – 16 thread – 2” long stainless steel bolt
- R. 1 – 3/8” stainless steel washer

¹ Osh.com does not have an online catalog. I bought these components in their store in Torrance, CA. You may be able to order them by calling them though. However, most hardware stores should be able to supply these pieces.

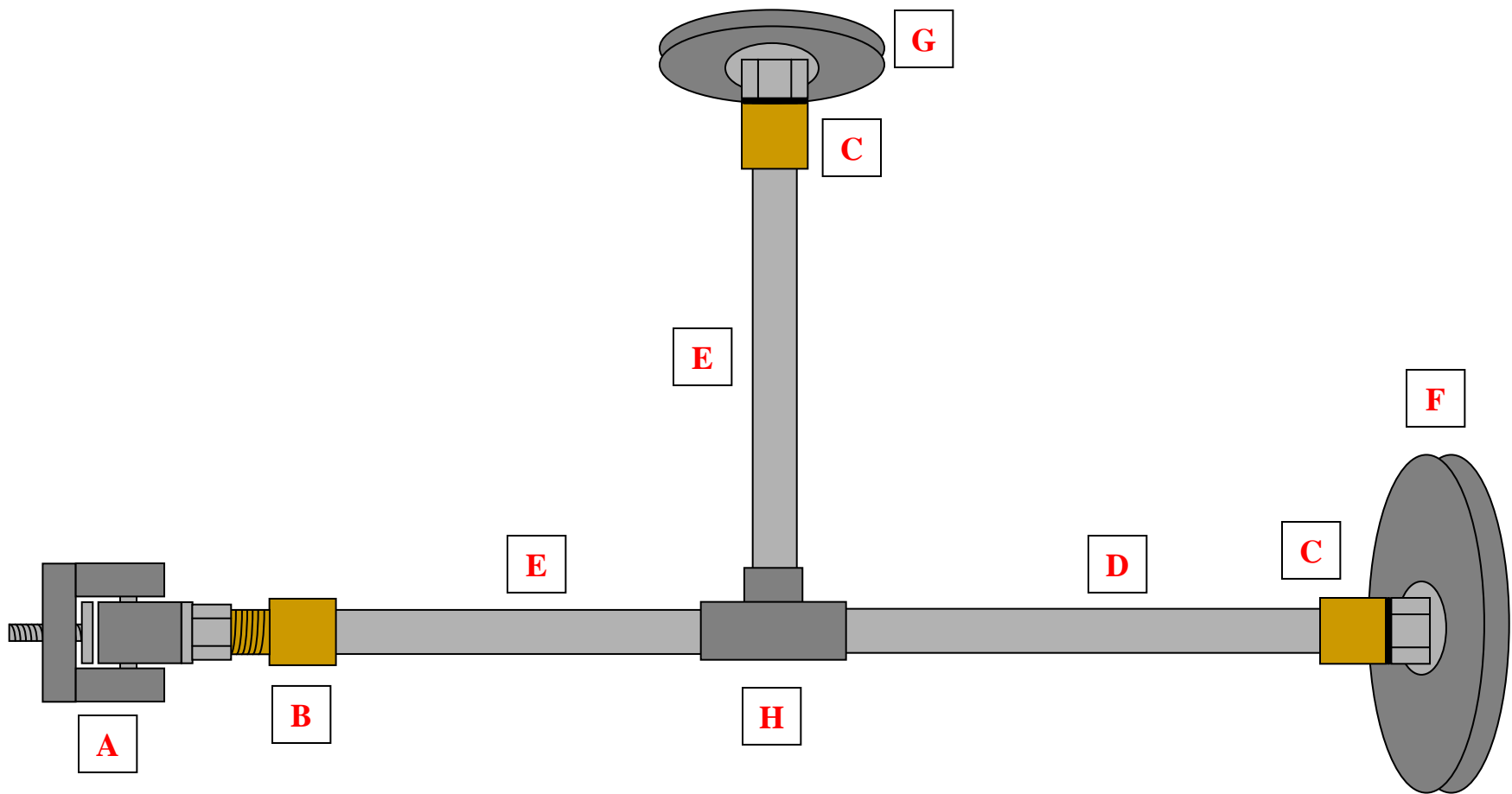
* These parts can sometimes vary, and you may have to adapt this list based on variations of the parts from your supplier.

Recommended Tools*

1. Adjustable wrench
2. Ratchet
3. 7/16" deep socket
4. Flat head screw driver

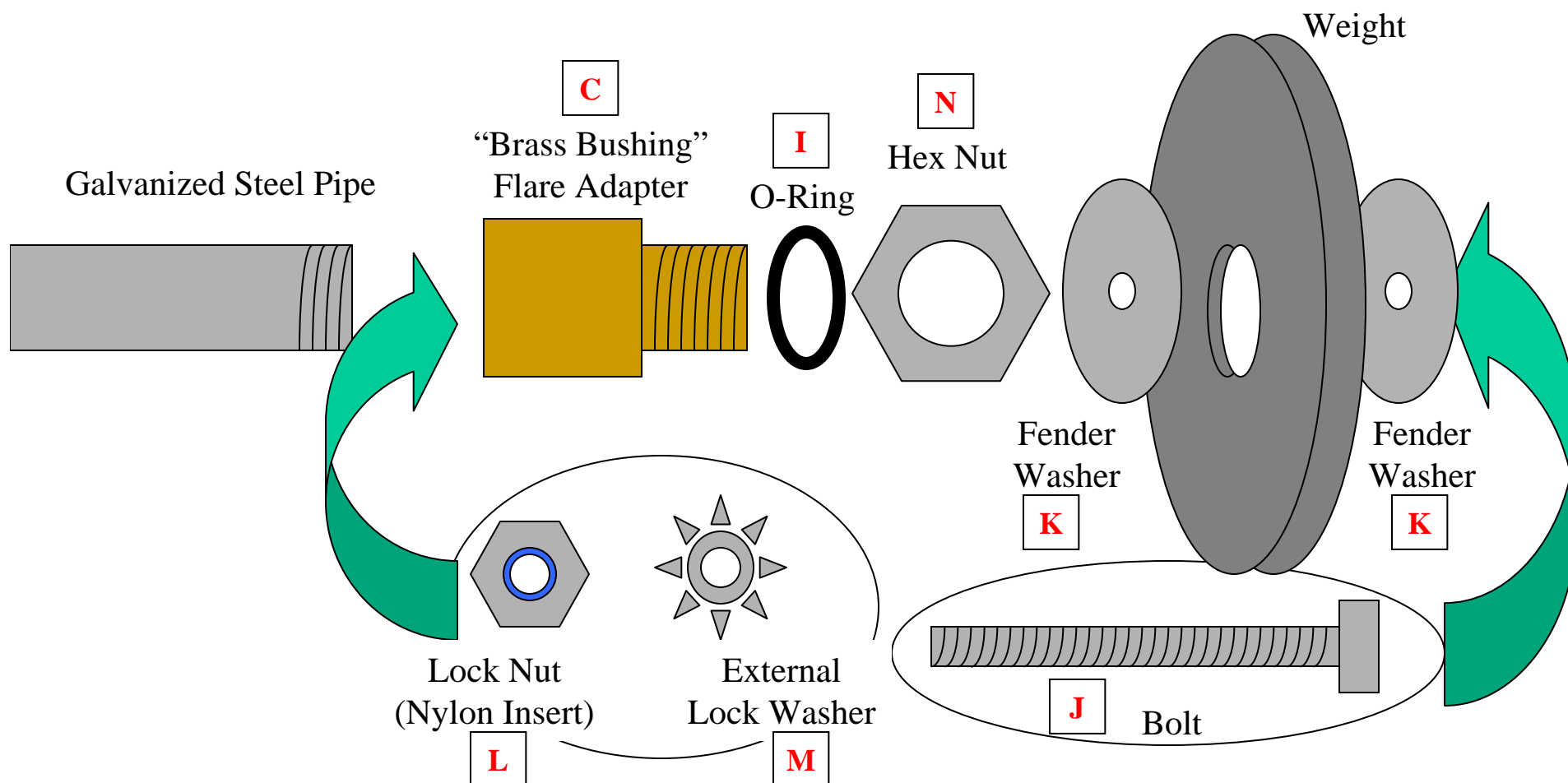
* If you used different parts than I prescribe, you will of course potentially require different tools. If you don't have these tools, you can still assemble, but it will take more work on your part.

Schematic of SteadiCam (All Together)*



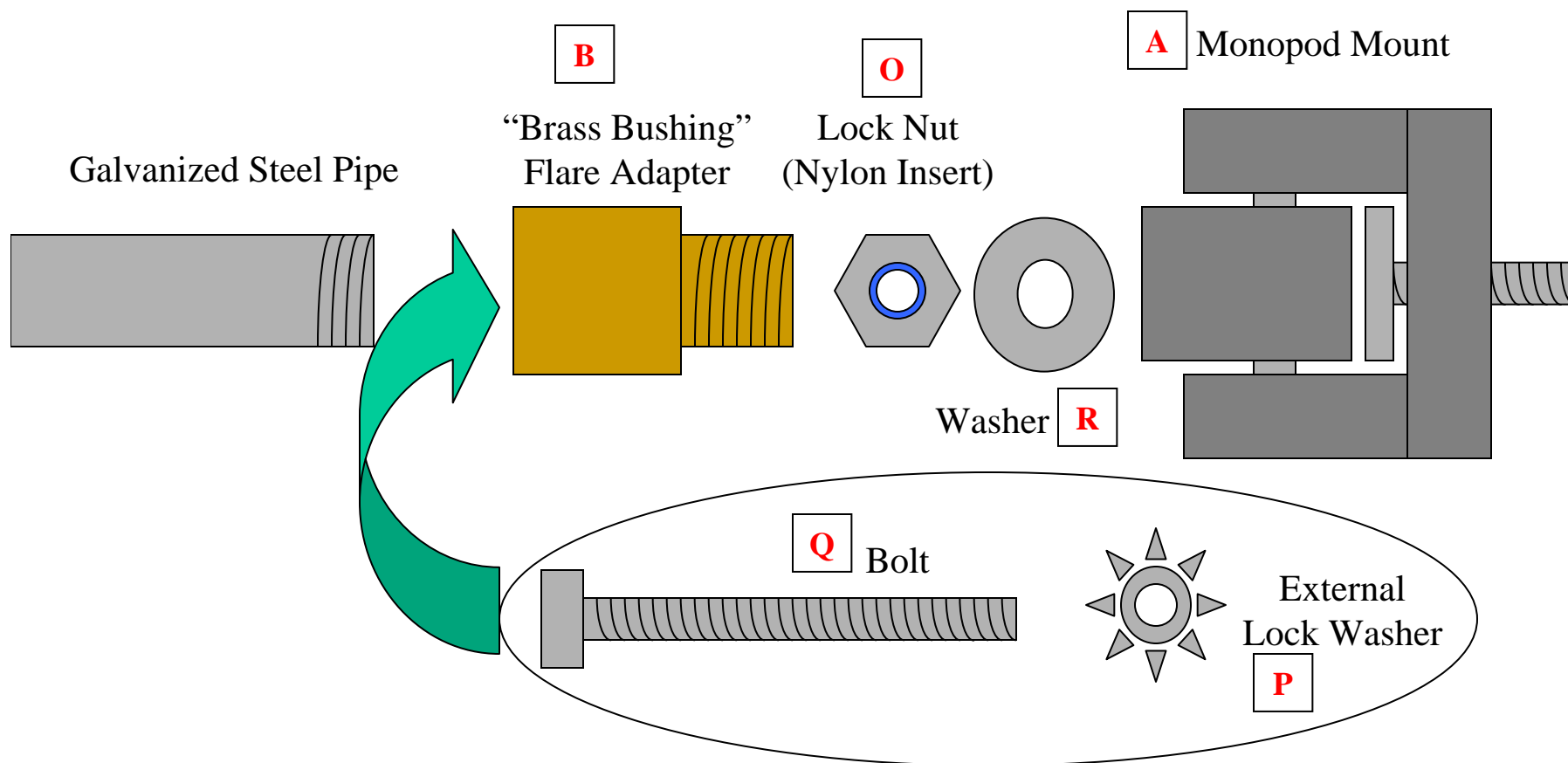
* not to scale

Schematic of SteadiCam Weight Attachment



You can choose the appropriate sized pieces based on your particular choices, however it is recommended that you choose a pipe that is comfortable to hold, and so not too thick (but not too thin for you want it to withstand the weight of even a heavy camera). For example, the large Fender Washers must be big enough to sufficiently cover the hole on the weight. The Bushing should be chosen such that its female end can be screwed onto the Galvanized Steel Pipe, and the hole on the male end is as snug as possible for the bolt chosen. The larger Hex Nut simply adds more surface area for the weight assembly to rest on, insuring better stability. The O-Ring may or may not be needed, or you may need several of them, in the event that the large Hex Nut does not fully tighten onto the bushing (you want to keep the top surface of the Hex Nut flush with the top of the male end of the Bushing, so if you have some of the male end still remaining, fill it up with O-Rings so that you can tighten your Hex Nut and yet keep it flush). Tighten the lock nut and bolt with a ratchet and make it tight enough to start bending the Fender Washers and force the External Lock Washer to eat into the inside of the Bushing, thereby locking the weight and preventing it from twisting.

Schematic of SteadiCam Monopod Attachment



For the Monopod Mount, the Bolt head is on the inside of the Bushing, followed by an External Lock Washer. Most Monopod Mounts will accept the two standard bolt sizes used for tripods, and some may have three. Choose a Bushing that can screw onto the Galvanized Steel Pipe, but which has a hole that fits snugly on the Bolt. The Bolt must be an appropriate choice that will fit into the Monopod Mount. It is recommended that you choose the largest bolt size that the Monopod Mount can accommodate for added stability and ruggedness.

Assembly Tips



For the two weight assemblies, use a wrench (or an adjustable wrench in the case of this picture) to hold the bolt, and use the 7/16" deep socket and ratchet to tighten the nylon-insert lock nut. You require a deep socket to give enough space for the bolt shaft.



For the monopod mount assembly, use a wrench (or adjustable wrench) on the nylon-insert lock nut, and hold the bolt in place with a large flathead screwdriver. (Why not use a socket wrench on this too? There isn't enough space around the bolt head and the inside edge of the flare. However, if you want to try, you'll need a 9/16" deep socket.) You may be able to hold the whole assembly in one hand if you use a short shaft screwdriver, and just hold the driver and the monopod mount all together, and use your free hand to turn the wrench.