

Thank you for purchasing SEA&SEA products. Please read this instruction manual carefully prior to using this product. Only with a thorough understanding of this manual's content will you be able to use the product correctly. After reading the manual, please be sure to keep it in a place where you can easily come back to it at any time.

Precautions

Failure to heed the precautions listed below could result in serious consequences. To prevent injury or damage to yourself and/or others, please observe the precautions as they contain highly important information related to personal and product safety.



CAUTION

Situations that could result in property damage or personal injury.

CAUTION

- Always make sure that the camera, strobe, light and accessories are securely mounted to prevent them from falling off, becoming lost, causing personal injury or equipment malfunction.
- Rinse the product with fresh water, after underwater use. Refer to [Maintenance and Storage] for details.
- When in use, check the Clamp lever or screws, and tighten them when they loosen.
- Do not assemble the arm or other underwater photography equipment in sandy or dusty environments.
- Avoid strong shocks/impacts or excess stress to prevent malfunction, damage or breakdown. Make sure that the product has been securely mounted to other products in order to prevent injury, fall or missing.

- Do not leave the product in places with hot temperatures such as inside of a car or in a car trunk in summer.
- Do not store the product in wet or high humidity place, to avoid mold, rust, corrosion or malfunction.
- SEA&SEA SUNPAK Co., Ltd. will not be responsible for the replacement or compensation for cameras, lenses or those accessories damaged due to your invalid operation.
- SEA&SEA SUNPAK Co., Ltd. assumes no liability for compensation of loss of captured images or expenses caused by loss of images, even if you are unable to shoot due to a product defect or malfunction.
- SEA&SEA SUNPAK Co., Ltd. assumes no liability for errors or discrepancies in this manual.

Maintenance and Storage

- Never use chemicals, cosmetics, any petroleum solvents such as paint thinner, or neutral detergent on the product. They may deform and damage the product.
- After each use in salt water, soak it sufficiently in fresh water.
- Insufficient soaking causes damage by salt to the product. Salty residue may be left on the product where it will crystallize as it evaporates. Crystallized salt is hard to dissolve and difficult to be removed once formed.
- After rinsing, dry the product well with a soft dry cloth, then let the product dry in the shade, out of direct sunlight.
- Do not dry the product by heating (using a hair dryer, for example).

- Heating can deform and damage the product.
- If you will not use the product for an extended period of time, store it away from high temperatures, high humidity, direct sunlight, or extreme cold.
- Do not store the product with naphthalene or camphor mothballs, or in locations such as a laboratory where chemicals are used. This environment can cause mold, rust, corrosion or malfunction.
- Store the system after use with each component disjoined.
- Every two years we recommend a complete overhaul of O-rings regardless of the frequency in use, for the best performance of the product.

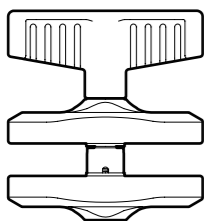
Descriptions of SA8 Ball Clamp II

- The SA8 Ball Clamp II is used for connecting SA8 double ball arms, strobe head, or ball base.
- This product can be configured into Type A or Type B usage. Please select one for your use.
 - Type A: «Provide stronger & firmer grip but with less arm movement.»
 - ※Using this configuration the clamp provide a stronger grip with a less arm movement underwater.
 - Type B: «configuration - Wider angle position.»
 - ※Using this configuration the clamp provide a wider arm movement.

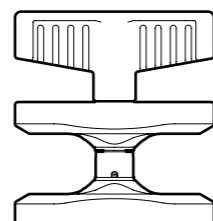
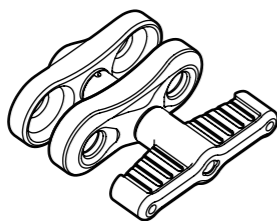
CAUTION

- Ball clamp II is supplied with a Type A configuration.
- Do not tighten clamp handle without SA8 ball arms as this will caused scratches and damage to the clamp.
- Do not use excessive force or tools to tighten as this will caused scratches and damage to the clamp.
 - ※The Ball Clamp II is designed with a free-moving spacer in between the clamps even if the clamp is tighten under normal use.

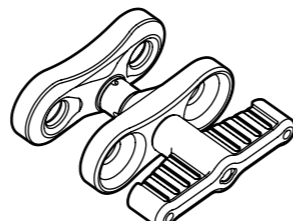
Exterior of SA8 Ball Clamp II



« Type A » : Factory default setting



« Type B »

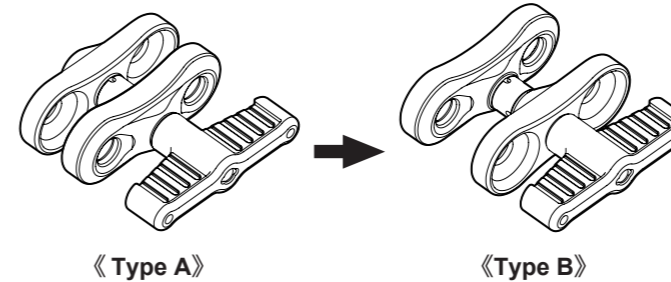


Specifications

Construction	Corrosion-resistant aluminum alloy	Dimension(W×H×D)	Approx. 66×71×26mm / 2.6×2.8×1.02inch
Weight	Approx. 97g / 3.42oz	Accessories	Instruction Manual

※The specifications and appearance are subject to change without notice.

Assembling & dis-assembling procedures.



1. Hold the Ball Clamp II and turn handle counter-clockwise and remove the handle from the shaft.

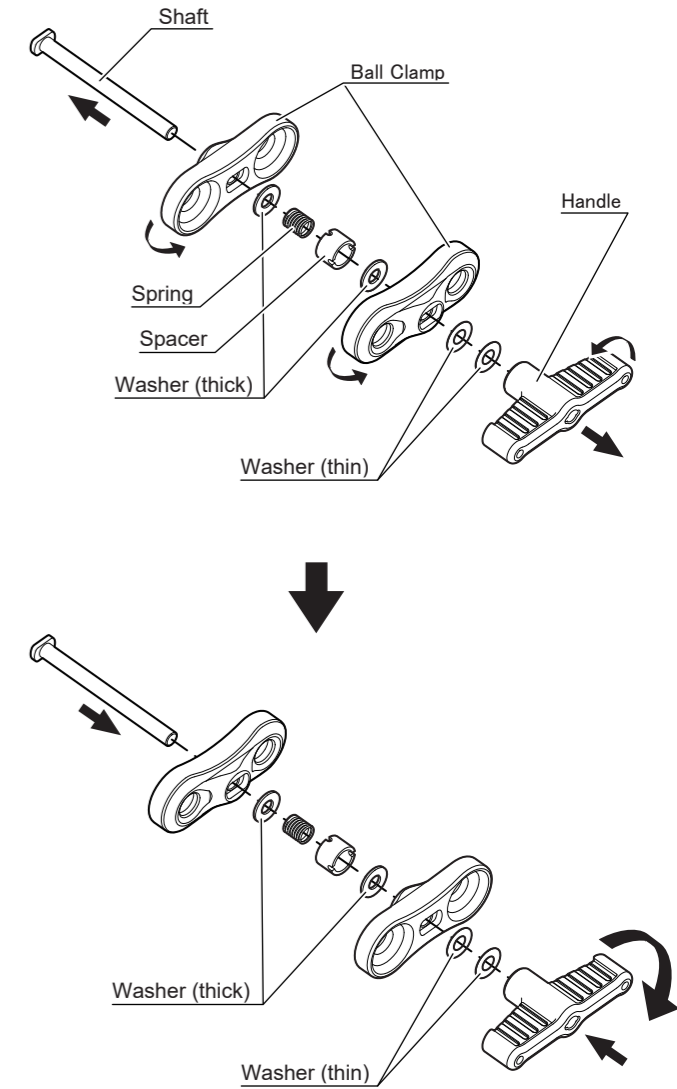
2. Pull shaft out from the Ball Clamp II

- Please note the omission or loose the parts.

3. Reverse each clamp position and re-insert back to the shaft.

4. Replace each parts as shown on picture on the right.

- Make sure the thin and thick washer are in their correct location.
- Tightening the handle without the washers will cause scratches and damage (corrosion) to the clamp.
- Reverse the assembling procedures when switching from Type B to A.



How to use

1. Hold the Ball Clamp II and turn handle counter-clockwise to allow enough space between the clamps to insert SA8 balls (fig 1)

- Be careful not to drop or lose any parts when loosening the handle.

2. Position the angle of your double ball arms or strobe head before tightening the handle clockwise direction.

- Do not tighten the handle with unnecessary force when attaching or holding the SA8 arm.
- Do not move arm position when the clamp is tighten as this will cause scratches and damage (corrosion) to the clamp.

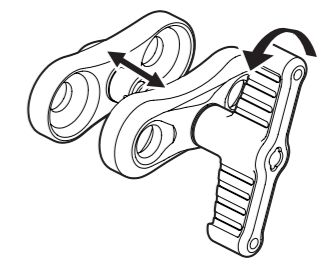


fig.1

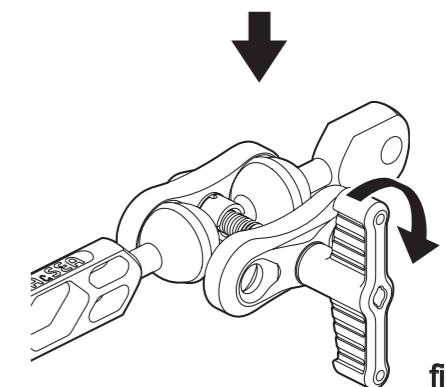


fig.2