



CL 10

Version 2023.1.UK



CL10

Classic version of the CL10 arrow rest, compatible with the majority of recurve handles on the market.



CL 10 WIN&WIN (Old Version)

Version compatible with all Win&Win handles. The attachment plate is extended for free passage of the Button and the CL10 body without contact.



CL10 ION X (Hoyt, Old Version)

HOYT ION X Version : The assembly of the CL10 is adapted to the shape of the handle composed of a Tec. The body is inverted, the operation of the CL10 remains identical to the standard model.

OPTIONS



EPINGLE CL10

Preformed and rigid, the arrow rest pin remains a wear part subject to hard tests.

Always have a spare in your bag to avoid surprises!

Réf : C1.720 (721-722-723)
(Ion-X D / D & Ion-X G / G)





Secure the CL10 to the bow with the 5/16th screw and its serrated washer using the wrench provided. The crown of the washer will be on the side of the screw head. The tightening will be firm to maintain the arrow rest in its position.

Please note, ONLY use the key provided or the equivalent of a set of American keys, but NEVER use a larger lever arm. You could then damage the bow and the arrow rest.

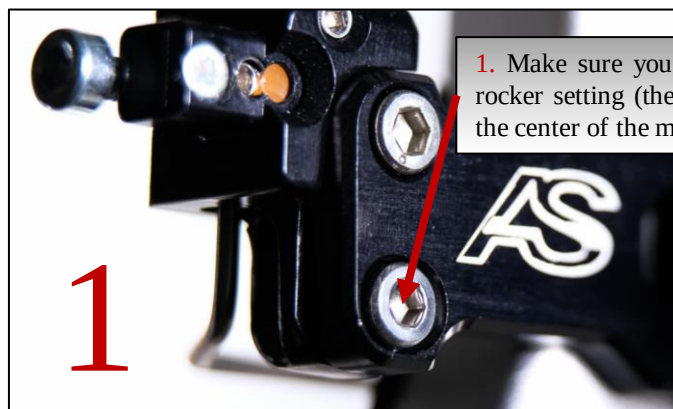
Set the depth so the arrow-pin contact point is at button level and vertical to the bow's pivot point.



Several versions of CL10 exist to adapt to the shape of bow grips. Make sure you have the right model so that the Berger Button can fit into the light with enough space.

Attach your shepherd against the bow handle, vertically to the pivot point of the bow, and pre-adjust its output following the usual recommendations for aligning the arrow on a recurve bow. Be careful to secure the plate so that the shepherd's nets are not damaged during each handling.

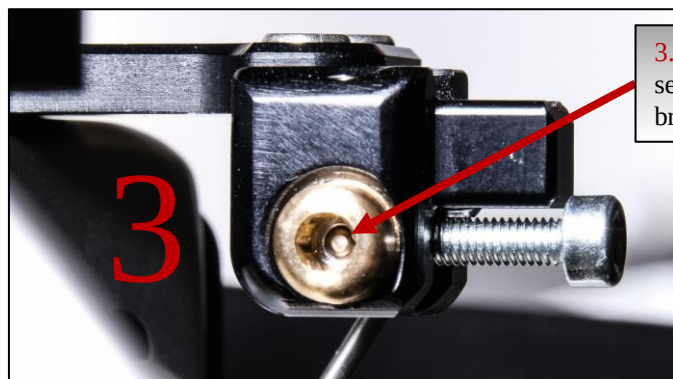
The body of the CL10 tilts for pin height adjustment. The factory setting is located in the middle of its travel: the body hugs the pad. You will refine this parameter according to the arrow used once the assembly is complete.



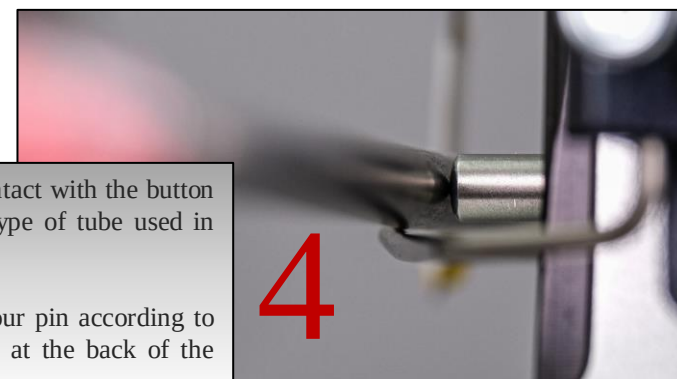
1. Make sure you are on the medium body rocker setting (the screw at the bottom is in the center of the machined light).



2. Release the pin by loosening the screw on the back of the body. Adjust its height and inclination according to your arrows, your bow, your button.

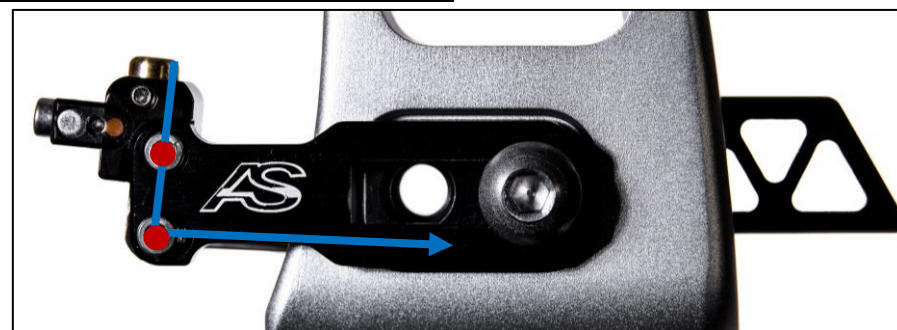
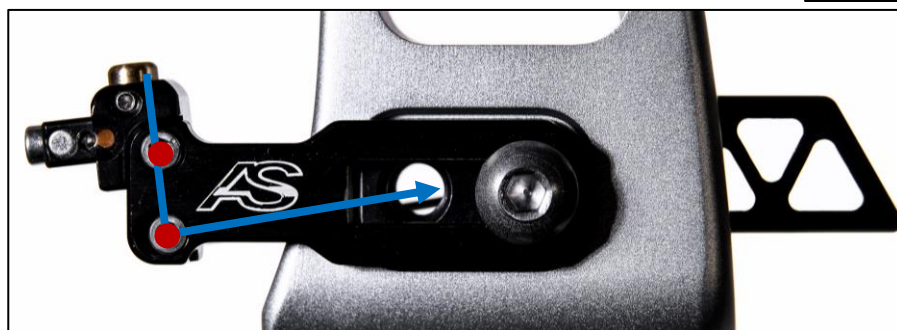


3. The pin may come out higher than its original setting, because you will not have to work on the brass bell before servicing the CL10 (page 8).

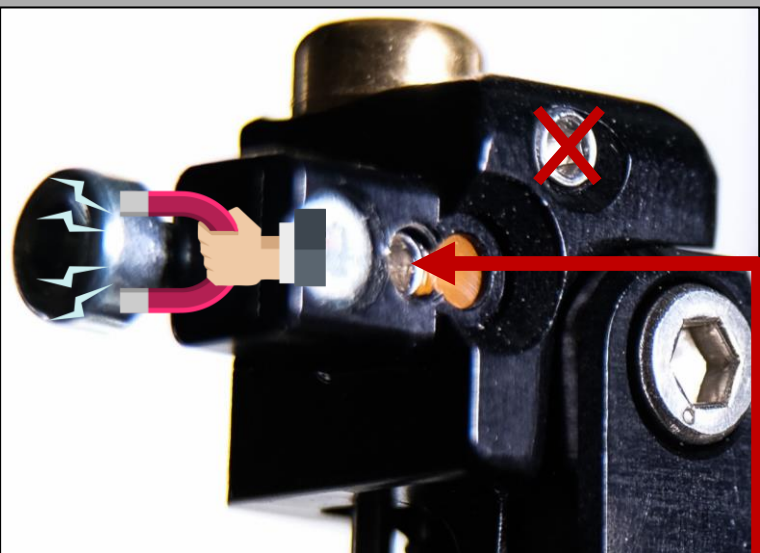


4. Ideally, the arrow tube will be centered in contact with the button as shown opposite. Set this parameter for the type of tube used in each season.

Take the opportunity to predefine the side of your pin according to the arrow diameter before tightening the screw at the back of the body.



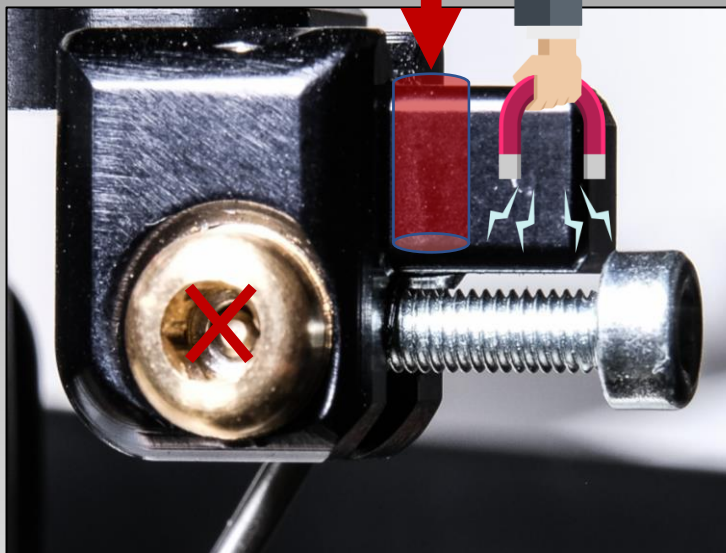
5. You can return to this final step of adjusting the height once the sensitivity and lateral have been adjusted (pages 6 and 7), to obtain the micrometric adjustment. Loosen the body rocker screws marked here: ● Switch up or down to adapt your offset depending on the arrow diameter you are using.



This is a parameter to adjust before the side of the pin, because it modifies it. Take into account the weight of your arrows and your vanes :

- Heavy tube, stiff and/or heavy points : keep a strong pin reminder and unscrew.
- Light tube, soft and fragile vanes : prefer a sensitive reminder, screw.

The sensitivity adapts according to your arrows, but also your power. Too much sensitivity is not synonymous with precision; keeping the tube on its guide is important and depends on the parameters mentioned above.

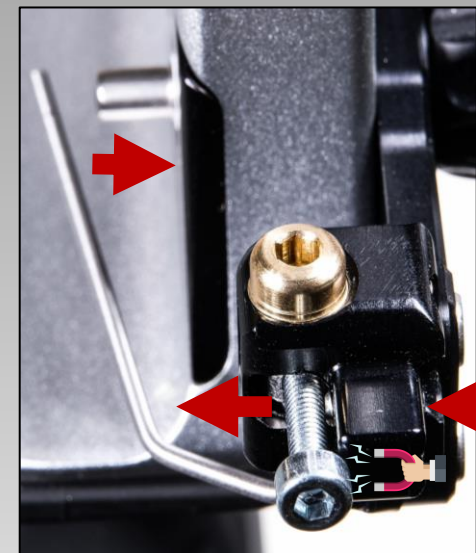


Use this screw to adjust the pin return sensitivity.

Extremes are not recommended, adapt your arrows and vanes to stay as close as possible to the correct working ranges for your equipment.

The farther you move the screw from the magnet, the less rapid and powerful the pin return will be.

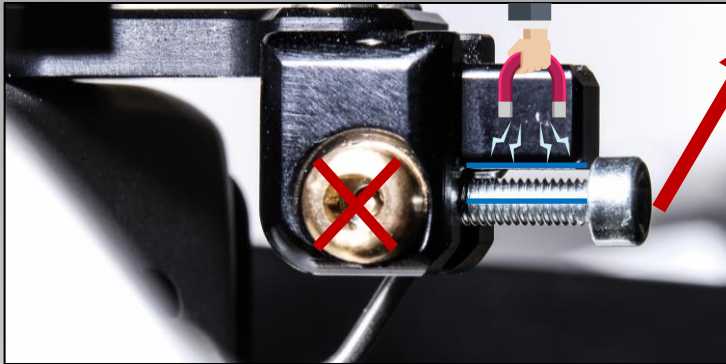
If the adjustment is too sensitive, the pin may remain stuck on the arch window, especially at the end of the season when periodic maintenance has not yet been carried out.



When you screw, the sensitivity increases (soft), and the pin is placed closer to the piston's button.

You will need to change your pin side as discussed on the next page.

Once the lateral adjustment has been made (p.7), you will be able to use this sensitivity screw micrometrically only. The pin return will only be slightly impacted and the pin position will be perfect.

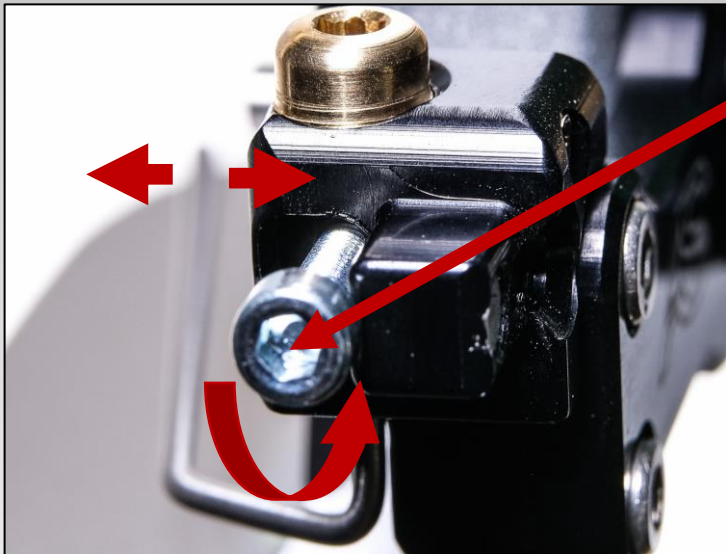


This screw has two functions:

- Fixing the pin on its support hidden in the body of the CL10 (bearing).
- The return of the pin towards the magnet once the arrow comes out of the bow (sensitivity).

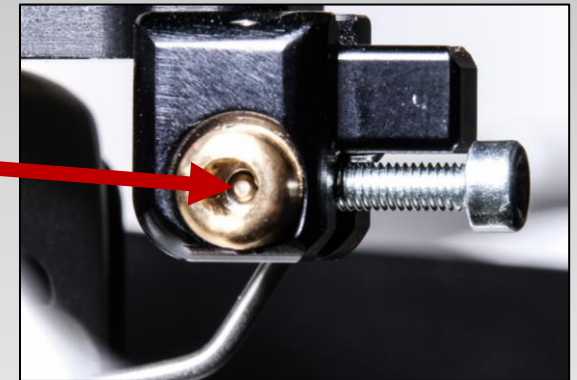
Its original setting is parallel to the magnet holder to ensure medium magnetic return.

Never work on the brass bearing marked with a red cross, except in the case of seasonal maintenance of the CL10 (pages 8 to 10), you could then find play on the pin in the event of improper handling.



Loosen this screw to release the pin from its holder. A quarter turn is enough.

- Keeping the pin height the same, visualize its end through the brass bearing as illustrated opposite.
- Adjust the exit of the pin by hand so that it does not come out of the arrow tube.
- Tighten the screw without using too much force.



The pin should be located:

- Under the arrow ensuring sufficient support without clicker.
- Neither too much out to avoid tearing vanes.
- Neither too tucked in to hold the tube on the pin when releasing the clicker.

The arrow-pin contact point must be:

- At the button, a slight backward contact is tolerable, never forward (torque*). **Lateral incidence of the arc plane caused by the effects of the wind on the bow, or the archer's grip.*
- Adjust the depth of the pin as soon as the CL10 is assembled using the plate and its 5/16" screw.

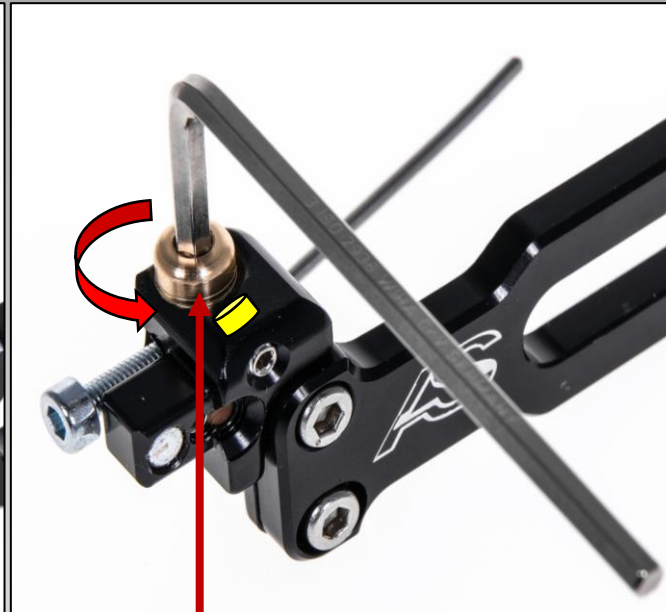


The pin must be hidden by the arrow for a good exit.



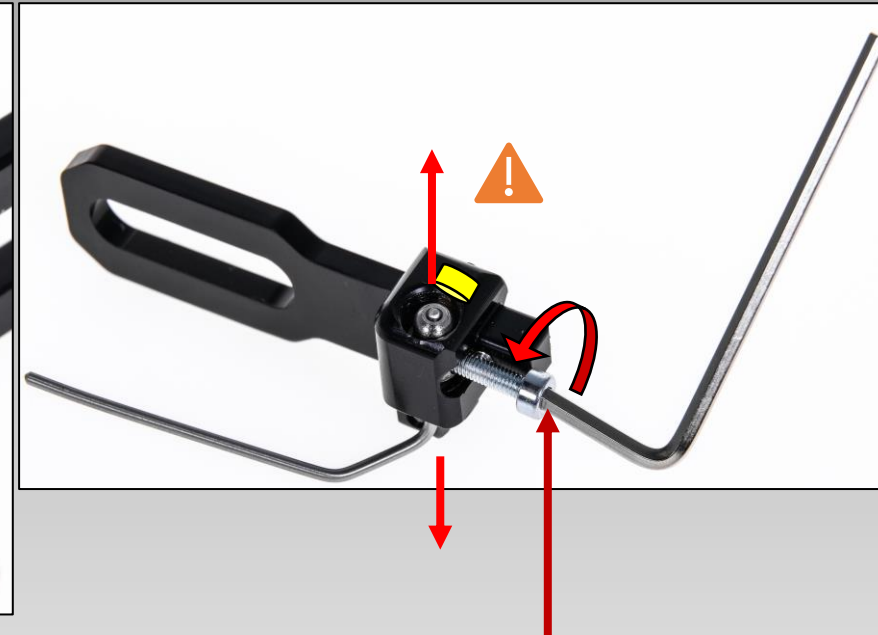
Using the 1.5 key provided, unlock the side screw of the brass bearing with just one turn.

Maintenance is the only opportunity to work on this screw.



Using the 3 key provided, unscrew and remove the brass bearing from the CL10 body.

Place it in a small box so as not to lose it before cleaning.



Using the 2.5 key provided, unblock the pin holding screw with just one turn.

Remove the pin and its screw, as well as the pin holder from inside the body.

Place the assembly in a box with the brass bearing.

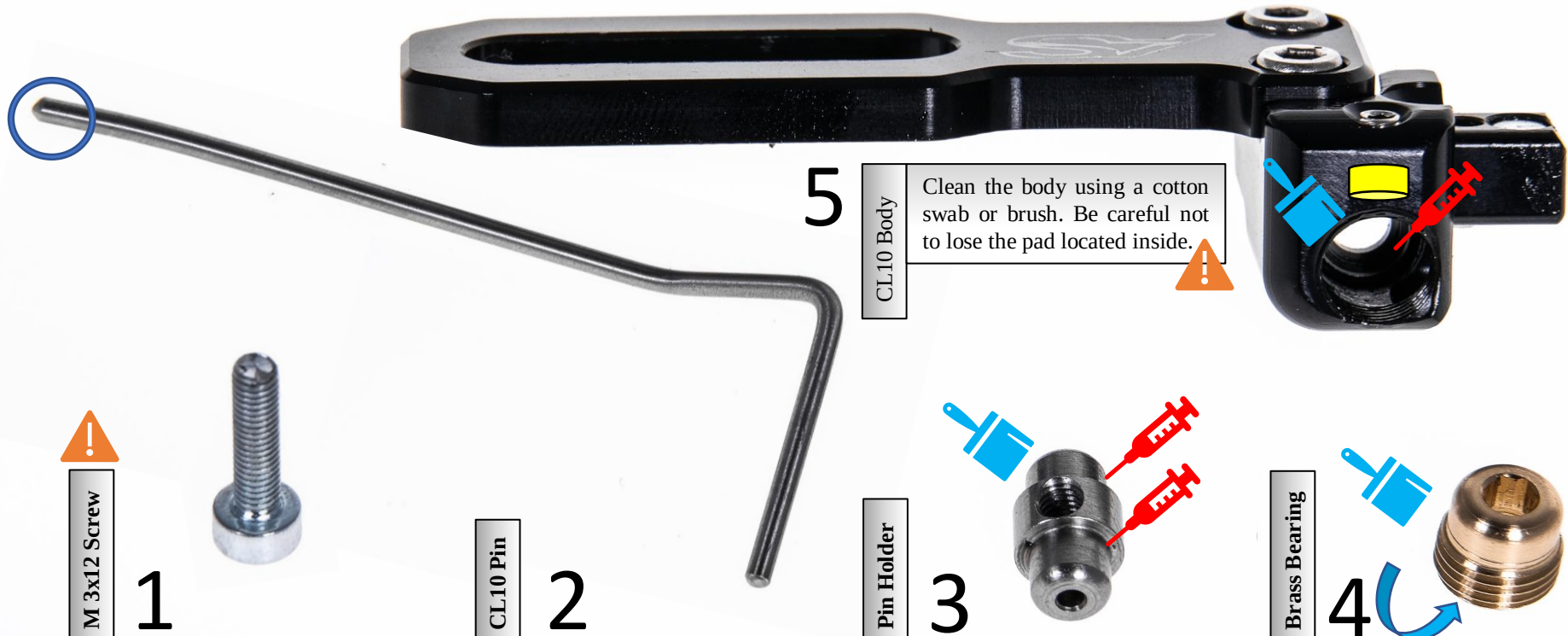


Be careful, when you remove the brass bearing, a clamping pad ends up in the void.

He must remain in his accommodation during the operation. However, be sure to perform this task on a smooth, clean surface to ensure that all parts remain in place as originally assembled.

The clamping pad is shown above with this patch.





5

CL10 Body

Clean the body using a cotton swab or brush. Be careful not to lose the pad located inside.

3

Pin Holder

The pin holder is the centerpiece of the CL10. Masked in the body, it is maintained by complete disassembly.

Dust using a brush and industrial cleaner.

Then add a drop of mineral/sewing machine/gun oil to the positions indicated by the syringes.

4

Brass Bearing

The brass bearing maintains the pin holder in its zero clearance position.

Clean this room outside and inside.

Its reassembly requires a major operation described on the following page.

1

M 3x12 Screw

Very required for lateral adjustment of the pin, be sure to use the correct key so as not to round its imprint during your checks.

This screw is available as a spare part ref: VC312A.

2

CL10 Pin

The CL10 pin is an original standard that you can adapt to your practice, to the bow model, to the arrow model.

Cut it again, adjust it, but in this case remember to deburr the end to preserve your arrow feathers.

Available as a spare part. (ref page 2).



Place the pin holder back into the body once these parts are clean and lubricated.

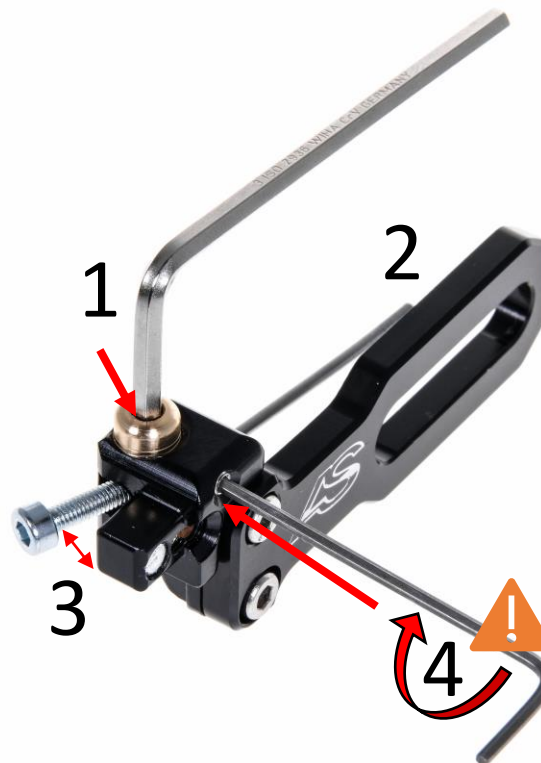
You will leave the pin clamp screw threads exposed.



Insert the pin into its holder until flush. It must not protrude to accommodate the bearing key correctly in the next step.

Depending on your custom setting, the pin length and height can be adjusted and shortened using wire cutters. Remember to deburr the ends so as not to tear the feathers, and to pass the pin through its holder.

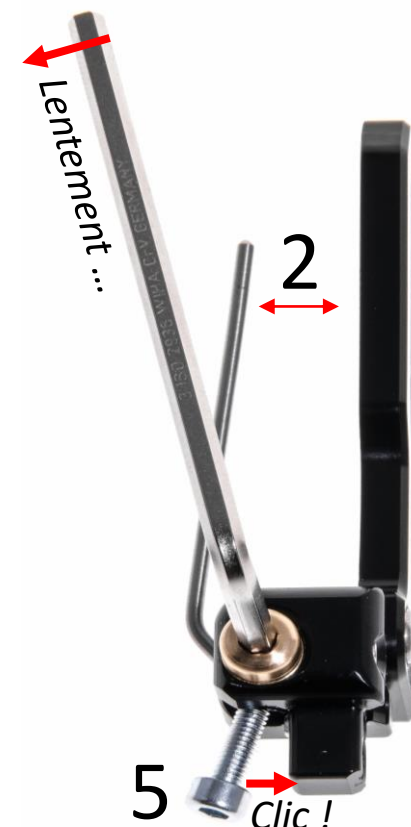
Screw the M3x12 into the pin holder for temporary tightening until the next lateral adjustment. Leave a space as shown above for this step.



Place the brass bearing and screw it using a size 3 key (not supplied) until it comes into contact with the body without tightening it (1), leaving a finger's space between the plate and the pin (2). The magnet return screw (3) comes loose from the body.

Tighten the bearing locking screw using the 1.5 wrench (4).

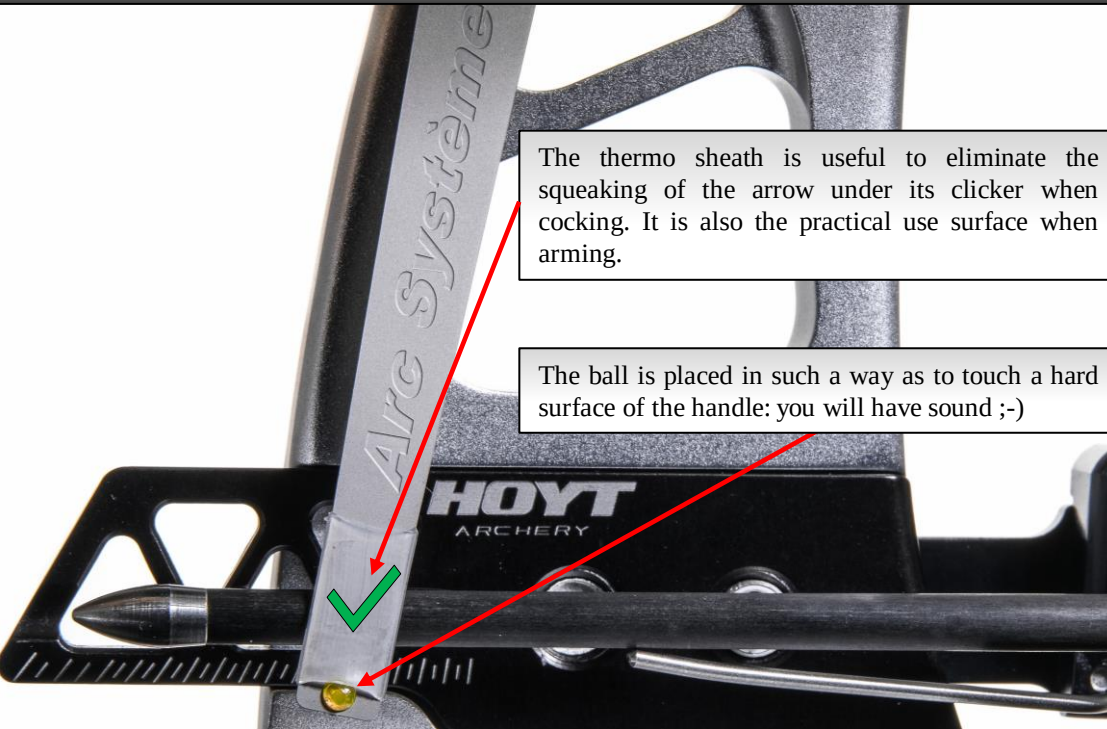
 Do not tighten too hard, you risk damaging the brass bearing, carry out the operation with the short side of the key for a better feel.



Set your CL10 to Zero Play by very slowly unscrewing the brass bearing until the M3x12 screw is recalled by the magnet (5).

Then check the play and fluidity of your pin. Give the whole thing a little work to get your CL10 back into perfect working order, with no play!

Reassemble your CL10 on the bow and make your seasonal adjustments again.





www.arc-systeme.fr

BY *PRESLIGE* IAS

BY *COMPETITION* IAS

BY *EVOLUTION* IAS

Follow us !

