



Thank you for favoring our ZNIPER Zextant.

The ZNIPER Zextant is an innovative high end product. Our main focus for the design, construction and installation was on its precision and functionality.

In order to guarantee a quick and effective assembly of the ZNIPER Zextant, we recommend reading these instructions carefully.

Content:

- Zextant plunger (pre-assembled)
- 3 springs of different strength
(soft – pre-assembled, medium strength, hard)
 - o Soft spring => 1,2 -3,9 Nm
 - o Medium spring => 3,8 -7,8 Nm
 - o Hard spring => 7,5 -11,8 Nm

- 2 replacement pins fitting the plunger
- These operating instructions
- 2 spacers: 1x 1mm and 1x 2mm to reduce the screw in depth of the plunger when needed

- The following tools:
 - o 1x Allen key 1,5mm
 - o 1x Allen key 2,0mm
 - o 1x Clamping Tool to tighten Zextant and grid system

Zextant's range of operation

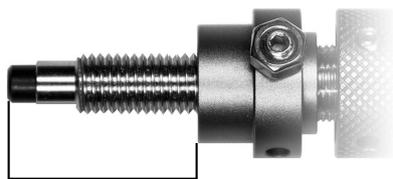
The ZNIPER Zextant is available in 4 different sizes, each size has a different screw-in depth /range of operation:

Small (S): 19-23mm

Medium (M): 22-26mm

Large (L): 25-29mm

ExtraLarge (XL):28-32mm

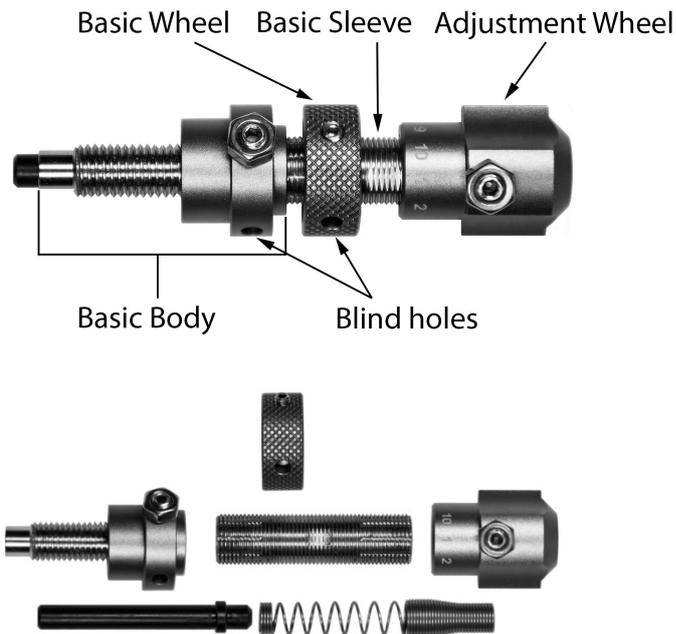


Size (Screw-in depth)

The size of your Zextant is indicated on the packaging.

If needed, the Zextant's screw-in depth can be reduced by another 1 to 2 mm by placing one of the spacers over the main body before screwing the Zextant into the bow.

Zextant Overview



Factory settings of Zextant

- The Adjustment Wheel which adjusts the spring tension is in position 0. (*)
- The softest spring is preassembled in the Zextant.
- The Zextant is adjusted to the maximum depth of the plunger.

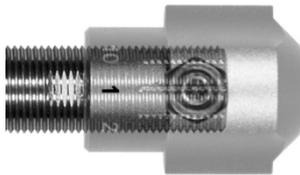
Installation of the Zextant

- Screw the Zextant into the thread of your bow and tighten it with the Clamping Tool which you put in position into the blind hole of the Basic Body.
- Insert an arrow into the bow and adjust the center shot. To do so, just turn the Basic Wheel and adjust the depth of the plunger with the clicks. If you're not able to adjust the Basic Wheel you can first loosen it with the Clamping Tool.
- Start the fine tuning of your bow/ the Zextant.
 - o You can adjust the depth of the plunger by rotating/turning the Basic Wheel.
 - o Or you can change the pressure of the plunger by rotating/turning the Adjustment Wheel (in order to increase the pressure, you could change the pre-assembled soft spring for a stronger spring)
- Once you finished tuning, we recommend you save and write down the settings of the Zextant.
 - o Saving the pressure of the plunger
Write down the number of applied rotations of the Adjustment Wheel starting from the position 0, as well as the number on the notching scale which points to the flat surface of the Basic Sleeve (e.g. 2 complete rotations + 5 clicks).
 - o Saving the depth of the plunger
Release the grub screw of the Basic Wheel with the supplied 1.5 mm Allen key. Rotate the Basic Wheel towards the Basic Body and tighten it softly with the Clamping Tool. Please make sure to not change the adjustments of the Basic Sleeve. Now tighten again the grub screw of the Basic Wheel with the Allen key.

Important notes

- (*) Zero position of the Adjustment Wheel:

The Adjustment Wheel is screwed onto the Basic Sleeve in a way, that the thread in front of the plane of the Basic Sleeve cannot be seen any more and is hidden by the Adjustment Wheel. Also, the number „1“ of the Adjustment Wheel points towards the flat surface of Basic Sleeve.



- Use of the Clamping Tool

With the Clamping tool you can tighten or loosen the Zextant in the riser. Screw the Zextant into the thread of your bow and tighten it with the Clamping Tool which you put in position into the blind hole of the Basic Body. In the same way you can tighten or loosen the Basic Wheel against the Basic Body. Please also see the image below.



Also you can adjust the grids with the Clamping Tool by using it like on the image below.

