



TECHNICAL MANUAL AND INSTRUCTIONS FIBERWOOD 21 ”

Bow handle made of cross-laminated beech plywood, CNC milling for maximum precision.

It is the result of the search for innovative solutions that improve what has been used up to date in archery in order to obtain a more versatile and performing tool for all archers who prefer wooden handles.

Possibility to use both with and without rest for arrow support.

TILTING system with ILF connection and brass cap for axis adjustment.

Accessories for APPLICATION WORLD ARCHERY REGULATIONS for INSTINCTIVE SHOOTING;

Natural beech or dark walnut color.





STRUCTURE DESCRIPTION



Designed with the best 3D modeling and finite element analysis softwares, it is made with the use of multiple layers of beech and resin wood.

The total length of the riser is 21 ".

The thread of the adjusting screws is: M 8x1.25

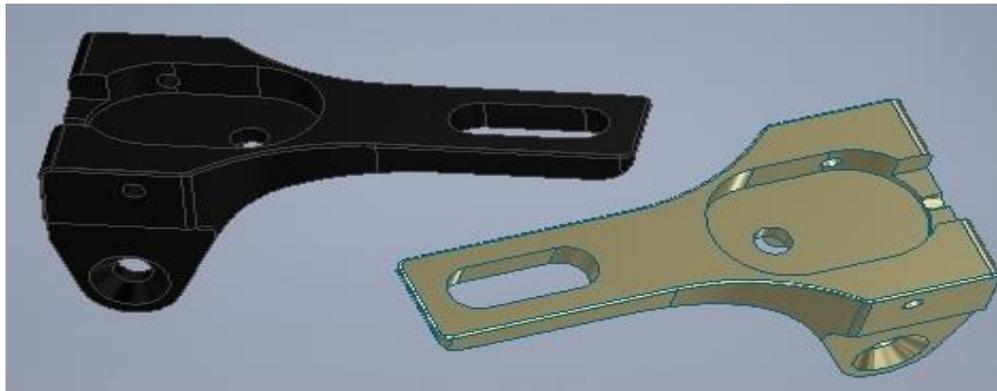
The thread of the screws for the axis-adjusting plates is: M6x1

The thread of the through hole for stabilization or additional weight is: 5/16 - 24 / "UNF

The offset of the upper window is 6.5 mm. (share useful for center shot definition).

LIMBS ADJUSTMENT

- The cradles for inserting the two limbs are made of a different material: aluminum for the upper one and brass for the lower one, this for better balance.
- On request, larger brass cradles can be supplied.



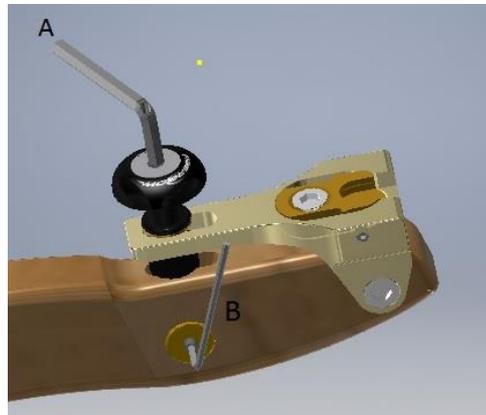


TUNING

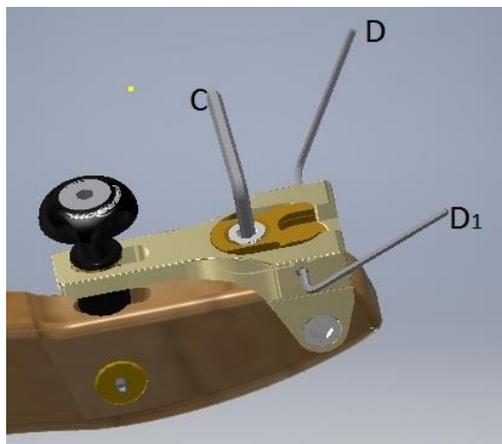
Recommended brace height (also variable according to the manufacturer's bending instructions):

With 66" limbs (62" effective):	from mm. 190,5 to 203,2	from 7.5" to 8"
With 68" limbs (64" effective):	from mm. 203,2 to 215,9	from 8" to 8.5"
With 70" limbs (66" effective):	from mm. 215,9 to 228,6	from 8.5" to 9"

To adjust the tiller requires a hexagonal male mm. 5 wrench (A)
and a hexagonal male mm. 3 key (B)



ALIGNMENT SYSTEM OPERATIONS



The alignment of the limbs must be done by acting on the two lateral grains (D + D1), after having slightly loosened the central screw (C). Once the alignment has been obtained, tighten the grain on the opposite side of the last one on which you have worked and tighten the central screw (C).

WARNING! Tightening the lateral grains too much can make it difficult to extract and insert the limbs into the dovetail seat!

CHECK THE TIGHTENING OF THE GRAINS AND SCREWS FREQUENTLY



ADJUSTMENT FOR THE INSTINCTIVE SHOOTING 3D RULES W.A.



Before removing the adjusting screw, measure the distance between the cradle and the riser surface at a specific point.



Replace the black rubber that pushes the cradle with the nylon washer and the M8 brass nut supplied.
Lock the nut under the cradle after adjusting the distance between the cradle and the plane with the previously measured measurement.



FOLLOW UP CHANGE



Repeat the measurement sequence for the opposite side and replace the black rubber with the spacers supplied trying to match the measurement made.

The spacers supplied have 4 different sizes to make up the thickness as similar as possible to the one detected. You can use the carbon fiber spacer (3 pieces supplied) and reduce it to the exact desired size.



Tighten the adjusting screw until it stops: there must be no free space below the cradle.



Tighten the lateral grains to avoid unwanted movements of the adjusting screws



WARRANTY

WARNING!

The bow is potentially a weapon.

The bow must be used in structures suitable for its use in conditions of maximum security.

AT SPORT SAS declines all responsibilities for damage caused to people, animals or things caused by using AT SPORT SAS products.

Any guarantee request must be addressed to the shop where the purchase was made by presenting its related tax document.

Damages caused by improper use will not be covered by the guarantee.

The warranty covers only FIBERBOW branded products and not the other components assembled in the "bow system" such as limbs and all other accessories.