

DIRECTIONS FOR USE & SAFETY INSTRUCTIONS FOR CUSHIONED HEADS

Attention!

Please read attentively and precisely these directions and information!

Every user is obliged to read and follow the rules below!

For the development of our LARP-Arrows with the special cushioned head we attached greatest importance to the safety of our products. The danger, however, does not derive from the LARP-Weapons. It is never the weapon itself that is the source of the danger, but the user himself.

A considerate and responsible behaviour of all the participants is an important condition of avoiding injuries.

For the use of our LARP-Arrows and –Bolts we have assembled some important safety instructions that have to be respected:

- The arrows have to be used exclusively for the appropriate purpose – the life-roll-games.
- Only traditional bows – and no compound bows – with a draw weight that has been accepted by the direction of the LARP (in most cases 25-30 lbs), have to be used.
- Please use always arrows of the same type of construction, also concerning the weight of the arrows. The weight and the aerodynamics are the factors which have the greatest importance on the trajectory.
- Please draw the bow always to the same point in order to learn to know your material and the resulting trajectory the best way possible - only thus you will know in which direction you shoot. The physical behaviour (flexibility of the shaft, while the arrow leaves the bow) plays a decisive role. If the tension of the bow is too low, the arrow of a right-hander-bow can move too much towards the left – and vice versa in the case of a left-hander-bow the arrow can move too much towards the right.
- Do never aim at a teammate´s head.
- Do never aim at animals.
- Do never aim at fragile or delicate materials (window glasses etc.)
- Please pay attention that the target is positioned far enough.
- Please control the arrow (shaft, cushioned head, nock....) before you shoot the arrow and separate all arrows even in case of the slightest damage.
- Please control that the cushioned head is tightly fixed with the shaft of the arrow.
- Please separate bolts immediately, if foreign material has entered in their cushioned heads.
- Please do only use cushioned heads with an intact absorber. Please check the article concerning strange noises while compressing it with your hand.
- Please pay attention that the cushioned head is dry. Cushioned heads that are soaked with water, become heavier and their trajectory changes. Furthermore the effect of absorption diminishes at the impact. Please keep in mind that the cushioned head has to be free of ice in the colder seasons.
- Please do never repair damaged components – the safety risk is much too high.

Assembly Instructions for the Cushioned Head for Do-It-Yourself-Construction

The absorber in the interior part of the cushioned head is tagged with elements for balancing the tolerances. For this two different diameters of shafts can be used.

- Carbon shaft 17/64 (6,75 mm)
- 5/16 Zoll (7,94 mm)

The shaft 17/64 that is provided with glue (our recommendation: UHU endfest 300) has to be inserted in the entrance of the absorber of the cushioned head and has to be pushed up to its final point. The shaft can be pushed in by rotating it. The glue can also be inserted in the entrance of the absorber, before you push in the shaft.

The assembly of thicker shafts has to be done in the same way (up to a thickness of 5/16 inches). A pushing in and a contemporaneous rotation movement **has to be avoided** to prevent the elements for balancing the tolerances from being damaged. Before doing so, the extremity of the shaft has to be tapered. Thus the shaft can be inserted in an easier way.

During the gluing process it has to be avoided that some glue is left on the outer face of the cushioned head. Due to a chemical reaction, the foam of the cushioned head can be damaged or can harden the surface. Thus the damping behaviour would inevitably be influenced negatively.

After the assembly the arrow has to be stored in a way that the position of the cushioned head is not changed. It has to be avoided that the shaft slips out of the entrance of the cushioned head until the glue has sufficiently hardened. It can take up to 24 h and depends on the used glue.

The manufacturer of the cushioned heads, the enterprise „Beier Distribution e.K.“ does not take any responsibility for the cushioned heads and their function, if the arrow with the cushioned head has not been assembled at the manufacturer himself.

Do never use a shaft with an anterior extremity that is pushed in the cushioned head, is thicker than 5/16 inches (7,94 mm). Such a shaft could damage the entrance of the absorber and could raise the injury risks.

Have a good time with

Your team of Beier Distribution – BY BEIER GERMANY