

Basic Equipment:

1 Beiter Compound Rest (Standard, OD88 or OD116) with 5/16"x28,5mm - mounting screw and counter screw with screw gate, mounted with launcher 4/0,25 for shafts up to approx. 7mm, guidance plates 22/0,1 and 17/0,1, tilting blocks 30° (black)

Included accessories: 1 launcher 5/0,25 for shafts with approx. 7 to 9,3mm, 1 set of guidance plates 26/0,1 and 1 each 22/0,1 and 17/0,1, one set of tilting blocks 35°(white) - 1 ea. hex wrench 3mm and 3/16", 1 hex wrench tool 3mm, 1 hex wrench 2mm.

Extra accessories: Offset bracket 6mm with screw 5/16"x34,5mm, Offset bracket (counter bracket) 3mm with screw 5/16"x34,5mm, Launcher 4/0,20 and 4/0,30, Launcher 5/0,20 and 5/0,30.

Properties:

No fixation with screws needed: horizontal and vertical movement without any fixation screw. The Rest can be adjusted without loosening or tightening any screw! - **Highest precision:** thanks to a revolutionary concept: the Rest can be adjusted without tolerances and play, with a precision not known until today. - **Reproducible**

settings: both the vertical and the horizontal millimetric scale have a Vernier scale (like a caliper). Thanks to that, the Rest can be adjusted with a precision of 0,2mm! The setting can be reproduced, resulting in the arrow rest to have Zero play. - **The Launcher** can be set in 2 different angles - 30° (black) or 35° (white) - by exchanging the two little tilting blocks. So the angles can be re-set precisely- **Guidance Plates with bulge:**

Plates with different lengths can be installed on top and bottom of the launcher. These will avoid any oscillation after the shot. The bulge on the plates gives the launcher the chance to follow the horizontal path of the arrow leaving the bow. - **Stainless Steel 5/16"-24 mounting screw** with flat head and large diameter. The Spacer made out of a special plastic allows to fix the screw better. A **counter screw with an elastomere pad** (screw gate) avoids any marking on the bow handle.

- **Launcher sizes and thicknesses** are available to fit various arrow diameters and weights.

Installing the Rest on the Bow::

The Rest has to be fixed on the bow with the hex wrench 3/16". Depending on the bow design, it may be necessary to use the optional Offset Brackets 3mm or 6mm: this is necessary to move the vertical adjustment block out of the bow window for a better arrow clearance. The 3mm bracket can also be used to counter the Rest on bows with cut-outs not allowing to counter Bow and Rest. With the aid of a level the mounting bracket can be aligned and then fixed. The counter screw (M6) must be fixed with the hex wrench tool 3mm. The screw gate avoids any marking on the bow (pic. 3).

Horizontal and Vertical movement of the Beiter Compound Rest:

The Rest can be adjusted horizontally and vertically with the hex wrench tool 3mm with micrometric precision. Therefore you have not to loosen any screw!! **Never loosen or tighten the five screws on the horizontal- and vertical block, as these have a precise factory setting!!!**

The hex wrench tool must be inserted **as far as possible** (pic.2) into the designated hole. There are four of them: left and right of the horizontal block and on top and at the bottom of the vertical block. The direction in which the rest will move is shown on the tool!! If the tool interferes with any part of the bow, the L-shaped 3mm hex wrench should be used. The rest will move without play, extremely precise and infinitely variable: any position can be changed and re-set!! The exact setting can be read on the Vernier-Scale. No screws must be opened or tightened: as soon as the tool is removed out of the rest, the rest won't move anymore!

How to read the Vernier-Scale

A Vernier scale is an additional scale which allows a distance measurement to be read more precisely than directly reading a uniformly-divided straight measurement scale. It is a sliding secondary scale that is used to indicate where the measurement lies when it is in between two of the marks on the main scale. When a length is measured the zero point on the indicating scale is the actual point of measurement, however this is likely to be between two data scale points. The indicator scale measurement which corresponds to the best-aligned pair of indicator and data graduations yields the value of the finer additional precision digit. If you have the indicator scale showing an alignment with the 0,4 line and the main scale is at 15mm, then the actual position is 15,4mm. On pic. 4 the position corresponds to 15,6mm.

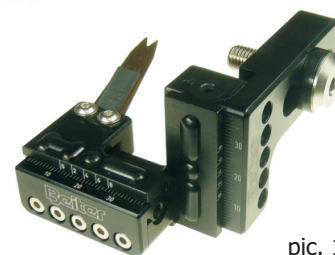
How to change the Launcher, Guidance Plates and Tilting Blocks:

The single components of the launcher are interchangeable; only the tilting blocks must be paired, 30° = black, 35° = white!!! Depending on the diameter of the used arrow, the correct launcher should be used: up to approx. 7mm the launcher 4/0,25, for larger diameters the launcher 5/0,25. The Guidance Plates do have a bulge with 0,1mm (series) or 0,3mm (optional): these can be mixed in their lengths (available lengths 17mm, 22mm and 26mm) or used with the same length. In any case Guidance Plates must be mounted on top and on bottom of the launcher between tilting blocks and launcher, even using different lengths.

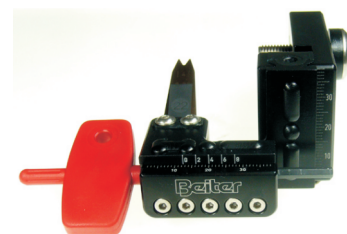
IMPORTANT: the Guidance Plates will eliminate back-swinging of the launcher while the arrow leaves the bow!

The bulge can be set touching the launcher (pic.7 on top): with this setting the arrow will be guided through the bow window following its oscillation, thanks to a 0,2mm resp. 0,6mm gap. You can stiffen the launcher by mounting the Guidance Plates with the bulge not touching it (bottom of pic.7).

The Tilting Blocks also affect the stiffness of the launcher. With the black 30° blocks (pic.5) the launcher reacts weaker, with the steeper 35° white blocks, the launcher reacts stiffer. (pic.6)



pic. 1



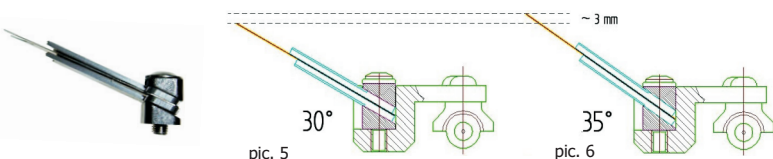
pic. 2



pic. 3

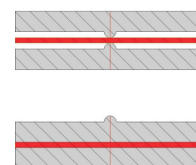


pic. 4



pic. 5

pic. 6



pic. 7