



Beiter distance holder

I often have to help people reserve their bows. The Beiter distance holder is really handy for any on-the-spot serving jobs. It is perfect for the compound mechanic who needs to make space between the string and the cables. This tool has several adjustable pegs so it can be customised it to fit almost any set-up. You can create space on the string and slide it along as you replace or create a center serving. In the past I have used a string and tied off the cables down to the bow. This technique worked but was a pain in the butt. Since getting this Beiter tool it has been much easier to create the clearance needed to spin a serving on the bow string quickly. It has adjustable pegs that fit any bow and the peg holes can be used on the cable rod to create clearance as well.



Beiter string tool

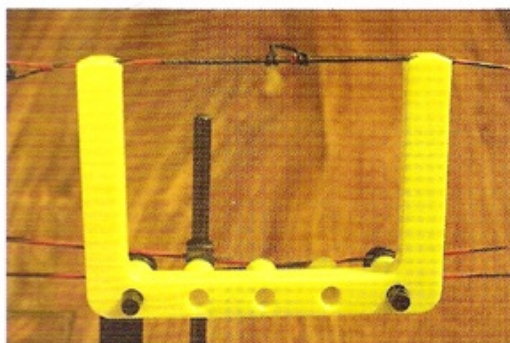
I have really grown fond of the Beiter String Tool. This is the handiest little piece of plastic you can have in your quiver or repair box. It is designed to safely separate the string with an abrasion-free wedge. With the Beiter String Tool you can easily count the strands in your string and properly install your peep-sight without using a bow press. They are usually sold in pairs, because having two makes them more useful. After you have pushed the first tool through the string, twist it 90° and you can count the single strands by putting them into the grooves on the tool. The second tool can be used to flip strands or to create a larger window to install a peep. It is relatively cheap and very useful. If you are considering a low-cost item to give a fellow archer for Christmas, this is a good one to consider. See www.wernerbeiter.com/en

with a wide range of uses. £11.95 from Quicks Archery, see www.quicksarchery.co.uk or www.eastonarchery.com

Beiter distance holder

This holder is a great tool for keeping cables away from the string for serving and maintenance. Although not a new solution, it's a more simple, versatile device than its predecessors. Comes in a range of bright colours.

SRP: £11.13



Beiter extractor

This simple but effective device safely removes broken beiter and most other nocks from shafts easily without damaging the arrow.

SRP: Expect to pay around £3



Beiter X-Ruler

This simple piece of yellow plastic can be used with a limb gauge to help you mark the exact centre of each limb or a set of markings down the inside of the limb. This device makes measuring much simpler than messing around with a standard ruler.

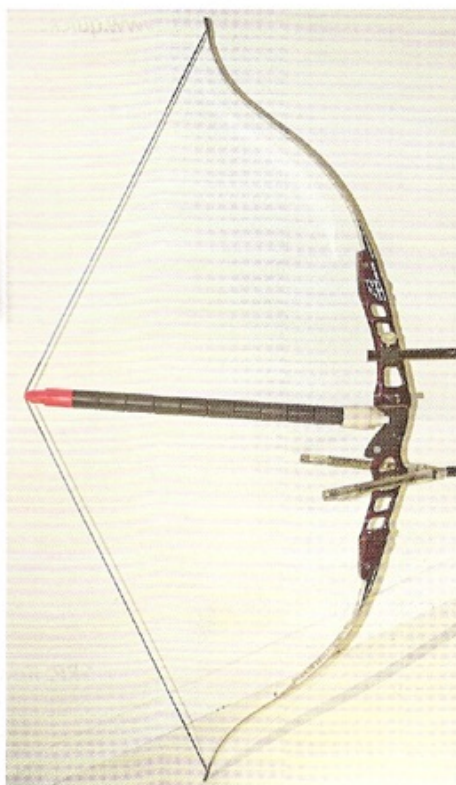
SRP: Expect to pay around £10



Beiter Brace

This ingenious tool from Beiter allows you to pre-draw your bow up to 33" in draw length at 1/2" intervals, allowing you to measure to the tiller. It also allows you to see the alignment of the limbs and check your centreshot at any point in the draw cycle.

SRP: TBA



on the back of the limb to get the string running through the centre of the limbs and handle can result in the limb tips becoming misaligned. Prolonged use like this can eventually put a permanent twist in one or both limbs.

Set up tips

Firstly, string the bow. Make sure that the limbs are properly seated. It's best to either push the limbs home or draw the string back an inch or two and let go, sometimes you will hear a click, which will sound much louder if you do it when shooting your first arrow.

Hold the bow as shown in Fig 1 on the previous page, looking straight down the string. Now glance down at the limb tip or preferably the shoulders of the limb where the string "V" is (sometimes the actual tip, which is hand finished is not 100% symmetrical). This should sit in the middle of the limb; if it is to the left or right then it will need adjusting. Before making the adjustment turn the bow around and do the same check on the other limb, it may or may not need adjusting.

Once you have made the necessary adjustments, moving the top and bottom limbs left or right to get the limb central, both limbs should look as in Fig 2 and the bow should be straight. You will find that the limb tips are now pointing in the same direction and the string runs through the centre of each limb. However it may not run directly through the centre of the limb bolts.

It can take a bit of time to perfect this technique but given that it is possible to twist a limb tip in the process of stringing a bow it is also worth doing this check each time you set up the bow. You shouldn't have to make any major adjustments, possibly just moving the limb tip a millimetre left or right. This check will also ensure that the adjustment screws have not come loose, causing the adjustment to move.

If you have trouble identifying the centre of the limb then you can use the new Beiter X-Ruler to accurately mark this position.

No manufacturer produces or claims to produce a completely straight handle, regardless of the type of materials or the process used

Don't worry. Even the best archers have admitted to shooting world records and winning Olympic gold medals with moderately twisted risers

Limb tip off-centre requiring riser pocket adjustment



Straight limb tip



Fig 2

Finally, with any bow set-up or bow tuning you need to allow for human error. Having the limb tip slightly off-centre is not the end of the world and at least you will have a bow working with you not against you.

Critics of the adjustment method I have just described claim that in doing the adjustments with the bow already strung it's possible to straighten out a twist by twisting the limb back as you move it. In practice, however, drawing back the bow once you have made the adjustment will settle the string and limbs and a re-check will see if this has happened and then the necessary adjustment can be made. (You have to adjust Hoyts without the bow strung). The other comment is that the loops of a string can put a twist in the limb. In answer to this, poorly-made strings and loops are a hindrance, no matter what system you use. The advantage of adopting this set up is that you will always have a straight bow regardless of limb and riser quality.



Top: Although the tips are centred the string may not run through the centre of the bolts

Left: The Beiter X Ruler can help you identify the centre of the limb