

Proper Fletching Angle - Broadhead Stability

Though many people use straight fletch with a slight offset on their hunting arrows for rest clearance purposes, the stability with this type of fletching may leave a little to be desired when it comes to stabilizing many broadheads.

Tests have consistently found that a moderate Helical fletch with a slight offset unquestionably offers more stabilization and truer arrow flight.

It really doesn't matter if you use a helical with right or left offset because they will both fly well no matter if you are a right or left handed shooter. Adjusting the nock for proper fletch clearance should get you good flight characteristics either way.

With today's arrows of both the aluminum and carbon varieties incorporating the use of insert type nocks such as Easton's "Super Nock", you have the ability to precisely position your fletching for maximum fletch clearance.

On most size shafts with the possible exception of the smallest diameter carbon sizes a moderate Helical fletch can be positioned to clear most fork type launchers used in today's rests. The trick is to make sure your forks are far enough apart to give you maximum clearance without being so far apart as to allow the arrow to fall through at full draw.

Of course proper bow tuning and a consistent non-torquing bow handle grip is also going to help determine how well your arrows come out of the bow.

The use of a moderate Helical fletch which offers better stability may also allow the use of a 4" vane or feather instead of the standard 5" hunting fletch and will provide less air drag for increased downrange velocities.

The proper choice of broadheads designed for good flight characteristics is another important thing to consider when testing an arrow fletch type for flight accuracy.

Conclusion: If your hunting arrows are not flying as true as you feel they should even after your bow has been properly tuned and your form has also been fine tuned, have the fletching stripped off, if it is now straight fletch, and have those arrows re-fletched using a moderate Helical angle.