How does peep weight affect arrow velocity?

* Determined by material
  + Aluminum (Specialty Archery Peeps are aluminum)
  + Magnesium
  + Plastic,
  + Titanium

Bow:

* 65 pounds and 30-inch draw length

Arrow:

* 5mm Da’ Torch 330 weighing 385 grains

Peep weights

* 5 grains | 312 fps | 83.2 ft. lbs.
* 8 grains | 312 fps | 83.2 ft. lbs.
* 10.5 grains | 311 fps | 82.7 ft. lbs.
* 11 grains | 312 fps | 83.2 ft. lbs.
* 27.5 grains (plus tubing) | 309 fps | 81.7 ft. lbs.

Results

* There was no difference between various peep materials regarding velocity.
* A positive-rotating peep with alignment tubing (often necessary for budget-priced bows holding lesser string materials) eroded velocity, but not enough to be of concern.

Given the test results, weight should not be a determining factor when selecting a peep. Select the peep that best suits your needs.

Determine the biggest and smallest hole you will need, and go from there.

Smaller holes for Target Archery

* PXS Peep (3/16” with no inserts)
  + Aperture sizes 1/32”, 3/64”, 1/16”, 3/32”, and 1/8”.
* Podium Peep (3/16” with no inserts)
  + Aperture sizes 1/32”, 3/64”, 1/16”, 3/32”, 1/8”, and 5/32”.
* Ultra Lite Peep (3/16” with no inserts)
  + Aperture sizes 1/32”, 3/64”, 1/16”, 3/32”, 1/8”, and 5/32”.
* Pro Series Peep (3/16” with no inserts)
  + Aperture sizes 1/32”, 3/64”, 1/16”, 3/32”, 1/8”, and 5/32”.

Larger holes fro 3D and Hunting

* PXLH Hunter Peep (0.270” with no inserts)
  + Aperture sizes 5/32”, 3/16”, or ¼”.
* Large Non-Hooded Peep (¼” with no inserts)
  + Aperture sizes 3/16”.
  + Aperture sizes with use of reducer- 1/32”, 3/64”, 1/16”, 3/32”, and 1/8”.
* Large Hooded Peep (¼” with no inserts)
  + Aperture sizes 3/16”.
  + Aperture sizes with use of reducer- 1/32”, 3/64”, 1/16”, 3/32”, and 1/8”.