



ALCHEMY BICYCLE WORKS



Check out our youtube video at:

<http://www.youtube.com/watch?v=6y-QeOBq3Pw>

[or search on "wheel building tools Alchemy"]

The Alchemy "Nippler" is a simple tool that is a must have item for every wheel-builder. It is available in a 14g and 15g version. It works with standard, hex head, internal* or inverted nipples. This tool is especially helpful when building with a deep section rim, although I recommend using it for every wheel-build.

Advantages and features:

- 1) The nipple cannot fall off this tool. This makes threading nipples onto spokes in deep section rims easy and safe. No more nipples disappearing into the rim chamber!
- 2) The tool threads each nipple to the same depth on every spoke. No more counting revolutions or looking at exposed threads to make sure that each nipple is threaded to the same spot on each spoke.
- 3) The thread depth is adjustable which means that you can set the tool perfectly for different lengths and styles of nipples.
- 4) The tool has a rotating finger bezel which improves control and ease of use.

Instructions:

- 1) If necessary, adjust the thread depth to match the nipple.
- 2) Thread the outer end of the nipple onto the tool until it stops, do not tighten.
- 3) Thread the nipple onto the spoke until it stops, do not tighten. Create tension on the spoke so that the nipple is snug against the rim. While maintaining tension on the spoke, remove the tool from the nipple.

If using Pillar 14g internal nipples with a nylock insert, it is necessary to use the 15g version of the tool. Before threading the nipple onto the tool, thread each nipple completely onto the L-shaped spoke (supplied with the universal version). This forms threads in the nylock and allows the nipple to thread onto the tool.