

REED Planes

Depth Adjustment Nut (Knob) and Stud Replacement

Overview:

The depth adjustment nut and stud in this kit replace the original adjustment nut and stud found on a Stanley bench plane. The included stud has finer threads (40 TPI) that make minute depth adjustments easier. The replacement nut is larger than the original at 1-3/8" and matches the finer threads on the new stud. The combination provides finer control and more leverage when adjusting the plane blade's depth.

Note: The stud and nut have **left-handed threads**, so they cannot be used on planes that used right-handed threads as with the very early Stanleys

Parts list – Stud and brass depth adjustment nut



Tools required – Slotted screwdriver and pliers

Instructions:

1. Unscrew the existing stud by turning it clockwise. The **threads are left-handed**. Insert new stud and nut.
2. There are various ways to unscrew the stud. One way is to use two original adjuster nuts as jam nuts. You could also try using a piece of leather or soft wood to protect the threads between vise grips. Another option to protect the threads is to apply hot glue to the jaws of the vise grips. Lastly, an adjustable die with the correct thread size could be squeezed closed to grip the stud.
3. If you do not plan use reuse the stud, you could just use vise grips without protecting the stud, but that will damage the stud.



Comments:

- The finer thread and ability to make more controlled depth adjustments is helpful in general. It is even more helpful when using a higher frog angle which can be attained with the 55° wedge.
- Due to the finer thread, making coarse adjustments will require more turns than the original thread.
- If it is hard to turn the adjustment nut, do not force it. Check your setup, as threads can be stripped if forced.
- The stud and nut can be used in combination with an original yoke.

Experiment and have fun

Thanks

Jeff

Links to tools used – If you need a tap to clean up the treads in the frog for the new stud.

<https://aplanelife.us/products-for-sale/ols/products/bottom-tap-for-stanleyrecord-left-hand-threaded-depth-adjusting-nut>