

Model D4833 Pen Barrel Trimming Kit Instruction Sheet



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Introduction

The D4833 Pen Barrel Trimming Kit is designed to trim the pen tube, remove excess glue, and square the pen blank prior to final pen kit assembly.

Inventory (Figure 1)

Description	Qty
A. Cutting Head $\frac{3}{4}$ " w/Set Screw	1
B. Hex Wrench 2.5mm	1
C. Adapter Sleeve "0"	1
D. Cutter Shaft $\frac{3}{8}$ "	1
E. Cutter Shaft 7mm	1
F. Cutter Shaft 8mm	1
G. Cutter Shaft 10mm	1

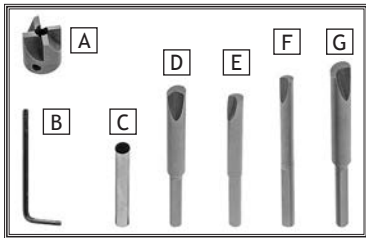


Figure 1. Model D4833 inventory.

WARNING

Failure to follow these guidelines could result in serious personal injury:

- ALWAYS WEAR ANSI-APPROVED EYE AND EAR PROTECTION when drilling.
- ALWAYS WEAR ANSI-APPROVED PROTECTIVE GLOVES when handling sharp blades and cutters.
- ALWAYS WEAR ANSI-APPROVED RESPIRATORY PROTECTION when working near airborne dust particles from trimming.
- Disconnect tool from power source before fitting or removing inserts.
- Always follow all safety guidelines set forth by the power tool or machine manufacturer.

Assembly

1. Loosen set screw on cutting head.
2. Slide cutting head over cutter shaft with both cutting ends facing same direction.
3. Secure cutting head to flat portion of cutter shaft by tightening set screw.
4. Gently pull on cutting head to verify it does not separate from cutter shaft.

Note: The "0" adapter sleeve slides onto 7mm cutter shaft and is used for pen kits that require "0" size pen tubes.

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Printed in Taiwan

Operation



Figure 2. Pen barrel trimmer.

1. Attach pen barrel trimmer (see **Figure 2**) to one of the tools outlined below:

- Drill Press:** Secure pen blank in a vise designed for pen trimming.
- Power Drill:** Maintain pen blank alignment during operation.
- Tool Handle (see **Figure 3**):** Verify alignment during trimming and use steady, even turning motions.

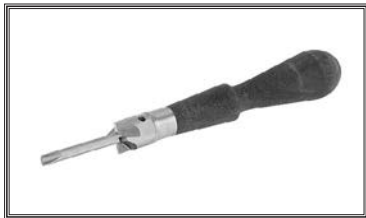


Figure 3. Pen barrel trimmer in wood tool handle.

2. Rotate pen barrel trimmer at desired speed up to 800 RPM.

▲CAUTION: *DO NOT rotate pen barrel trimmer over 800 RPM or rotational instability may occur.*

3. Slowly insert pen barrel cutter shaft into pen tube, as shown in **Figure 4**.

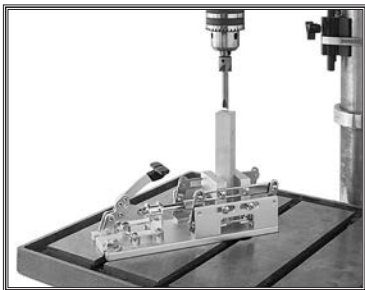


Figure 4. Inserting pen barrel trimmer into pen tube.

4. Continue advancing pen barrel trimmer until cutting head contacts pen blank.
5. Square pen blank end with cutting head to depth set forth by pen kit manufacturer.
6. Remove pen barrel trimmer from pen tube and stop rotation.

Note: *Coat the pen barrel trimmer with a light machine oil and wipe clean between uses to reduce contaminant build-up and prevent your cutting edges from dulling prematurely.*