

# FORSTER PRODUCTS

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## User Instructions for the 3-in-1 Case Mouth Cutter

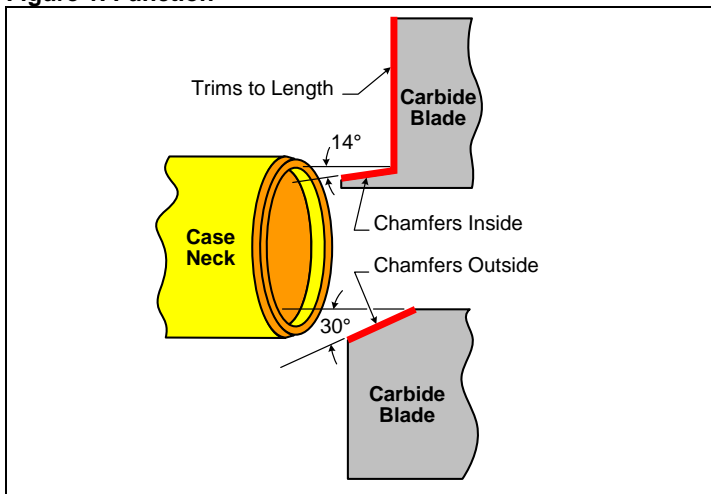
Issue 3

### 1.0 GENERAL INFORMATION

In one easy operation, the 3-in-1 Case Mouth Cutter simultaneously does the following (see Fig. 1):

- Trims the case to length.
- Chamfers the inside case mouth to an angle of 14° (correct for boat-tailed VLD (Very Low Drag) bullets as well as for traditionally-shaped bullets).
- Chamfers the outside case mouth to an angle of 30°.

Figure 1. Function



The 3-in-1 Case Mouth Cutter is an accessory to your **Original Case Trimmer (CT1010)**. (It may also be used on your **Power Case Trimmer (PT1010)**). The 3-in-1 fits over the Cutter Shaft and easily secures with one Set Screw (see Fig. 2).

- Long-lasting Carbide Blades are set at the factory.
- Carbide Blades should never need sharpening when used on brass cases.
- Available in three calibers: 224, 243 and 308.
- Pilots are finished with black oxide to prevent confusion with standard Case Trimmer pilots which do not have this finish.

Figure 3. Assembly on Original Case Trimmer

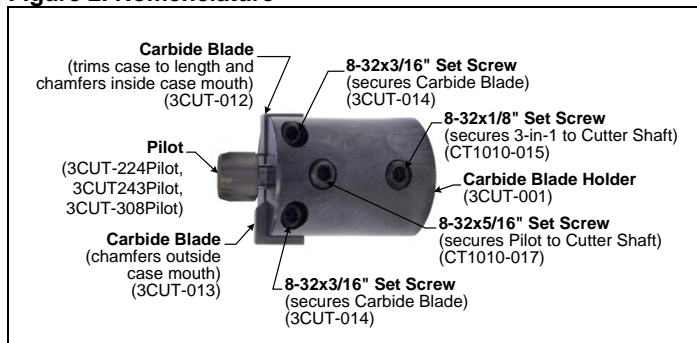
#### Original Case Trimmer Before 3-in-1 Installation



#### Original Case Trimmer After 3-in-1 Installation



Figure 2. Nomenclature



### 2.0 SAFETY INFORMATION

Always wear safety glasses.

### 3.0 PREPARATION

#### 3.1 Assemble the following:

- 3-in-1 Case Mouth Cutter.
- Your Forster Original Case Trimmer.
- "User Instructions for the Original and Classic Case Trimmers" found at our PDF Library under "Resources" on our Web site.

#### 3.2 Install 3-in-1 Case Mouth Cutter on Original Case Trimmer (see Fig. 3):

- Consult "Original and Classic Case Trimmer User Instructions" to locate the O-Ring.
- Remove the O-Ring by rolling it over the Cutter Shaft. (Set the O-Ring aside for later reassembly when not using the 3-in-1.)
- Slide the 3-in-1 over the Cutter Shaft and secure with the Set Screw.

## NOTICE

A longer CT base may be required for certain calibers. An adjustment of 1/2" (in 1/4" increments) is built into the Original Case Trimmer, allowing its capacity to be widened before it becomes necessary to use a Long Base (6 1/2"). To adjust, use the outer set of holes on the Collet Housing and Bearing to mount them to the Base.

## 4.0 PROCEDURE

### 4.1 Condition Cases

1. Consult "Original and Classic Case Trimmer User Instructions" for correct collet installation and proper trimming/ setting the trimming length information.
2. Condition cases.
3. Cases are now chamfered and trimmed to length, ready for priming, charging and bullet seating (see Fig. 4):

Figure 4. Prepared Cases



## NOTICE

If more or less chamfer is desired, the two Carbide Blades may be adjusted using the 8-32x3/16" Set Screws.

## NOTICE

The Forster Case Trimmer Power Adapter (PA1000) allows your Original Case Trimmer to be powered by your electric screwdriver or power drill.

## 5.0 ORDERING INFORMATION

Table 1. Replacement Parts

Order Number	Description
CT1010-015	8-32x1/8" Set Screw
CT1010-017	8-32x5/16" Set Screw
3CUT-011	Carbide Blade Holder
3CUT-012	Carbide Blade (ID chamfer and trim to length)
3CUT-013	Carbide Blade (OD chamfer)
3CUT-014	8-32x3/16" Set Screw
3CUT-224Pilot	224 Pilot (black oxide finish)
3CUT-243Pilot	243 Pilot (black oxide finish)
3CUT-308Pilot	308 Pilot (black oxide finish)
SHORTARM- HEXKEY5/64	5/64 Allen Wrench (for use with CT1010-015, CT1010-017, 3CUT-014)

Table 2. Complete Product

Order Number	Description
3CUT-224	3-in-1 Case Mouth Cutter for 224
3CUT-243	3-in-1 Case Mouth Cutter for 243 (6mm)
3CUT-308	3-in-1 Case Mouth Cutter for 308

### Collet Ordering

Use our online database to determine which Collets are right for the job. Go to our Web site and click on the "Search" tab.

## 6.0 SERVICES

### 6.1 Carbide Blade Resetting in the Blade Holder

The long-lasting Carbide Blades are set at the factory. Some reloaders may wish to increase or decrease the amount of inside or outside chamfer. If the carbide blades ever get so "out of adjustment" that you feel the need to return the 3-in-1 for resetting, we will be happy to do so. Please return the 3-in-1 Case Mouth Cutter only. Do not send the entire Original Case Trimmer. A nominal fee to cover handling and shipping will be charged.

Forster Products manufactures a broad line of precision gunsmithing and reloading products. For best prices, contact one of our Forster Products Dealers. Their experience is an integral part of the shooting sports. To find your closest Dealer, please go to our Web site. If your Dealer cannot supply you, contact us at 815-493-6360 or [forsterproducts.com](http://forsterproducts.com).

## WARRANTY

All Forster Products are warranted against defects in materials and workmanship for the life of the product. Parts which, by nature of their function, are subject to normal wear (such as springs, pins, etc.) and parts which have been altered, abused or neglected, are excluded from the warranty. If the product is deemed defective by workmanship or materials, it will be repaired, reconditioned or replaced (at Forster's option). This warranty supersedes all other warranties for Forster Products whether written or oral.

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