

FORSTER PRODUCTS

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User Instructions for Hollow Pointers

Issue 4

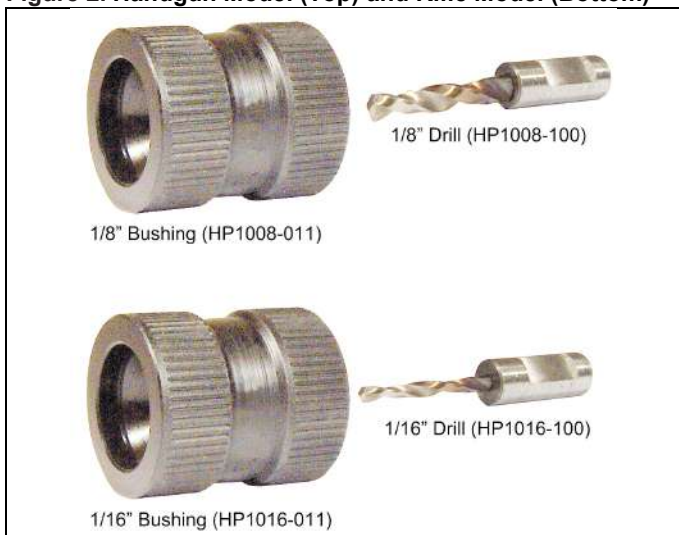
1.0 GENERAL INFORMATION

The unique Hollow Pointer gives precision shooters the capability of fine-tuning bullet weight to improve ballistics, particularly when adjusting for different barrel twists. The universal Hollow Pointer drills cavities in the noses of cast or jacketed soft-nose bullets.

This tool allows handloaders to bore their own hollow-pointed cartridges for increased expansion on impact from either factory ammunition or reloads. Hand-drilled hollow points expand better and cost less than manufactured hollow point bullets.

Two models are available: 1/8" for handguns and 1/16" for rifles. The bushing centers the drill's tip against the nose of the bullet while centering the cartridge.

Figure 2. Handgun Model (Top) and Rifle Model (Bottom)



This accessory is designed for the Original Case Trimmer (CT1010), the Classic Case Trimmer (CLCT00), and the Power Case Trimmer (PT1010). Note that the following instructions differ for the hand-operated Case Trimmers (Original and Classic) and the Power Trimmer.

Figure 1. Cartridge with Hollow Point Drilled



You can control the hollow point size and depth to fit your own requirements. Control the depth by setting the Stop Collar (CT1010-020) of your Trimmer. Very long rounds require a Long Case Trimmer Base (CT1010-CTB103).

2.0 SAFETY INFORMATION

Always wear safety glasses. Wash hands after handling lead bullets.

3.0 SUGGESTIONS FOR SETTING THE DEPTH

- **1/8" Drill** — Tests indicate that magnum loads should be drilled 1/8" deep for good results. For lighter loads, it may be desirable to drill a deeper cavity.
- **1/16" Drill** — Drill a maximum of 1/8" deep with heavy loads. For lighter loads, it may be desirable to drill a deeper cavity. **Always approach maximum depths with caution.**

Figure 3. Hollow Pointer Setup



4.0 PROCEDURE FOR DRILLING HOLLOW POINTS WITH ORIGINAL OR CLASSIC CASE TRIMMER

1. Begin by fastening the Case Trimmer securely to a bench or board to allow the free use of both hands. (If the Case Trimmer is mounted on a board, it can be held in a vise so that the trimmer can easily be set up or put away.)
2. Insert the shank of the drill into the pilot hole of the cutter shaft. Tighten the pilot set screw against the flat on the shank of the drill.
3. Next, insert the proper Collet into the Collet housing. With tension on the Collet released, insert the base of the loaded cartridge into the Collet.
4. Place the guide bushing over the nose of the bullet, and move the drill into the bushing hole. The drill is now accurately centered on the nose of the bullet.

5. Hold the guide bushing against the nose of the bullet so that the base of the cartridge is seated firmly against the Collet. Tighten the Collet Screw.
6. To set the depth of the cavity to be drilled
 - a. Move the drill into contact with the bullet.
 - b. Loosen the stop collar coarse adjustment set screw, and position the stop collar so that the distance between the bearing and the stop collar fine adjustment screw is equal to the desired depth of the hollow point cavity.
 - c. Tighten the coarse adjustment set screw.
7. Hold the Bushing with one hand, and with your other hand turn the crank handle to drill the cavity, being careful to apply steady, inward pressure to the desired depth.

5.0 PROCEDURE FOR DRILLING HOLLOW POINTS WITH THE FORSTER POWER CASE TRIMMER

1. Use the Power Case Trimmer lineup bar to align the Trimmer base with the drill press spindle. (See the Power Case Trimmer instructions, document PT1010-002.)
2. Install the Hollow Point Drill into the drill press chuck.
3. With tension on the Collet released, insert the base of the cartridge into the Collet.
4. Place the guide Bushing over the nose of the bullet and hold it in place with one hand.
5. Bring the drill down into the bushing hole without touching the bullet. The drill is now accurately centered with the nose of the bullet.
6. Turn the Collet Screw Handle to lock the Collet tightly and hold the cartridge in place.
7. To set for the depth of cavity to be drilled
 - a. Move the drill into contact with the bullet.
 - b. Move the drill press adjustable stop until the distance between the adjustable stop and the fixed stop is equal to the desired depth of the hollow point cavity.
8. Drill the cavity, retracting the drill several times during the drilling operation to clear chips.

TIP

Applying kerosene or solvent to the drill point will help to keep shavings from sticking to the drill.

ORDERING INFORMATION

See forsterproducts.com for complete documentation and part numbers, including Pilots and Collets.

We recommend ordering from a dealer or distributor. Their experience and knowledge will help you select the best products that meet your specific requirements. In addition, they usually offer the best prices and convenient delivery options.

To find a Reseller go to forsterproducts.com and click **Distributors**. If your distributor cannot supply you, or if you need parts, please contact Forster Products directly by email, phone or fax.

Table 1. Hollow Pointers and Accessories

Order Number	Drill Bit Diameter
<i>Complete Kit</i>	
HP1008	1/8" – for handgun rounds
HP1016	1/16" – for rifle rounds
<i>Drill Only</i>	
HP1008-100	1/8" – for handgun rounds
HP1016-100	1/16" – for rifle rounds
<i>Bushing Only</i>	
HP1008-011	1/8" – for handgun rounds
HP1016-011	1/16" – for rifle rounds

WARRANTY

All Forster Products are warranted against defects in materials and workmanship for the life of the product. Parts excluded from the warranty are those that, by nature of their function, are subject to normal wear (such as springs, pins, etc.) or that have been altered, abused, or neglected. 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.