

Single Stage Powder Die Kit

– For use with Dillon Powder Funnels

Included: 1 Powder Die Body
1 Powder Die Cap/Funnel
1 Spacer, 1/4"
1 Die Lock Nut

Item #: T1702

This Single Stage Powder Die Kit allows you to use Dillon style powder funnels on any single stage press. This saves you time by combining case neck expansion and adding the powder charge into a single step. The unique design also allows you to use 3rd party powder funnels which may not have a set screw groove near the top.

Use in Place of a Dillon AT 500 Powder Die:

Instead of a set screw like that in the Dillon AT 500 Powder Die, the Single Stage Powder Die Kit uses a threaded Cap to stop the Powder Funnel. This is a significant advantage in that the Powder Funnel is allowed to float within the Powder Die body ... ensuring that it is fully engaged and centered in the case mouth before the case is flared or expanded. The set screw of the AT 500 Powder Die pushes the Powder Funnel to one side ... slightly off center of the Powder Die body.

Installation:

- 1) Remove the Cap and Spacer.
- 2) Thread the Powder Die Body partially into the press frame, turret, die plate or toolhead.
- 3) Drop the desired Powder Funnel into the Powder Die Body.
- 4) Replace Cap and tighten snugly. It is not necessary to be so tight that you need to use a tool.
NOTE: The Spacer is only needed with magnum pistol cartridges that are too long. (See details below.)
- 5) Adjust the Powder Die Body up or down as needed to get the desired amount of flare or expansion.
- 6) Tighten the Die Lock Nut.

Spacer Allows Additional Adjustment:

Depending on the press being used, certain magnum pistol cartridges* and long straight-walled rifle cartridges are too long, so a 1/4" Spacer is included with kit. The Spacer is inserted between the Cap/Funnel and top of the Powder Die body and allows with Powder Funnel to rise an additional 1/4" inside the Powder Die body.

* Examples: All "Magnum" cartridges: e.g. .357 Mag., .44 Mag, .357 Maximum.
.500 S&W, .460 SW, .460 Bushmaster
45-70 Govt.

Cap Serves as a Powder Funnel:

The top of the Cap is machined in a funnel shape to ensure your pre-weighed powder charges are transferred smoothly and completely into the cartridge case.

To Use with A Dillon Powder Measure:

To use the Single Stage Powder Die Kit with a Dillon Powder Measure, simply remove the Cap and Spacer and then install the Dillon Powder Measure. The Die Body of the Single Stage Powder Die Kit has a groove at the top for the Dillon Powder Measure's Body Collar Clamp (#13939) to engage ... just like it does when using an OEM Powder Die.

Disclaimer: UniqueTek, Inc. is not liable for damages or personal injury that may be incurred as a result of using this product in an improper way or in a reloading press that has been improperly maintained or operated. It is your responsibility to ensure that your reloading equipment is properly assembled, is maintained in proper working condition, and is used according to the manufacturer's instructions and safe reloading practices.

Specifications:

Material: 12L-14 Steel
Case Hardened: RC 55+
Plated (all parts): Electroless Nickel
Thread Pitch: 7/8"-14
Overall Length: 3" (with Cap installed)

Works With:

- ✓ All Dillon Precision Powder Funnels - (Both Rifle & Pistol)
- ✓ All 3rd Party Powder Funnels for Dillon - (Both Rifle & Pistol)
- ✗ Will NOT fit Powder Through Expander (PTX) for Hornady Lock-N-Load® AP™ Press.