

# Corbin Pound Die PD-1

The Corbin Pound Die makes swaged lead bullets without a press, using a 5 pound plastic, leather, or lead faced mallet to supply the driving force. The die consists of five parts:

## 1. Base

This is the largest diameter cylinder. It is machined so that the die and base punch both fit into its cavity. One end of the die body is machined to mate with the largest diameter hole in the base. The base holds the die and base punch during swaging, and then the base punch is removed and the die put back again to push the bullet out.

## 2. Die

This is the cylinder with one smooth, machined end that mates with the largest diameter hole in the base. The other end is slightly funnel-shaped. The base punch fits up inside the flat end of the die, and is put inside the base during operation. The nose punch is the shorter of two identical shaped punches, which is put into the funnel-shaped end of the die to swage the bullet.

## 3. Base punch

This is a large diameter knurled cylinder with a short stub of a punch projecting from one end. It fits inside the base (large end) and inside the die (small or punch end). The shape of the base punch determines the shape of the bullet base. This punch is put into the die for swaging, then removed for ejection of the bullet.

## 4. Nose punch

This is the shorter of two identical shaped punches, which fits into the slightly funnel-shaped end of the swage die. It is struck with a plastic, leather, or lead faced mallet to apply force to the lead and swage a bullet. Then it is removed, and the ejection punch inserted in its place. The base punch is removed, and the ejection punch is lightly struck to

push the bullet out of the die and into the base. The base is then picked up to release the bullet.

## 5. Ejection punch

This is the longer of two identical shaped punches. It fits into the die to push the finished bullet out the other end. It is not to be used for swaging, because it would be too easy to strike such a long punch off center and bend it. Use only the shorter punch for swaging! Use the ejection punch only with very light pressure to push the bullet out of the die.

This die is used with soft lead, Bhn5, and Corbin Swage Lube lightly applied to the lead core before swaging, for best results. Never strike the nose punch without a piece of lead in the die of sufficient length to prevent the nose punch edge from contacting the base punch. Lead cores can be cast using the Corbin CM-4 Core mould, up to .365 diameter, and the Corbin CM-3 Core mould, from .365 to .50 inch diameter. The material put into the die should always fit easily before swaging, never forced in.

