

PRESS RELEASE

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For Immediate Release:



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New Precision Round Ball Swage

A high precision round ball swaging kit is now available from Corbin (the bullet swaging people). Round balls have previously been difficult to swage, because bullet swage dies use a cylindrical die fitted with two punches, and the edges of the punch form a ring or ridge. The two half-round cavities that form the ball had to meet exactly, with no surplus lead, or else the ball would be slightly oblong.

Corbin's new BSK-1 Ball Swage Kit solves the technical problem that have previously prevented perfectly round swaged lead balls without the use of multiple-facet techniques (which are used in costly high-speed commercial ball swages). A technique recently developed by Corbin's master die-maker, John Watson, produces exact weight, precision round balls in two separate dies, with three strokes of the press handle.

A small piece of lead wire is cut from a spool of lead, and placed in the first die. It is then formed into an exact weight cylinder with rounded ends, with one extra grain over final weight. The cylinder is then placed into a special split die with the two halves aligned on a pair of accurately spaced guide rods. The two halves slide together under high pressure, and extrude the single extra grain of lead through a microscopic bleed hole, leaving an exact spherical shape and weight. The ball is then rotated 90 degrees and a final, third stroke removes even the tiny dot where the grain of lead was extruded.

The BSK-1 swage kit is made in versions for most models of Corbin hand and power swage presses, in calibers from .224 up to one inch diameter, a range that includes all standard black powder rifle and handgun calibers. For more information and prices, write to Corbin, PO Box 2659, White City, OR 97503 or visit their websites at www.swage.com or www.corbins.com.

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Installing the ball-forming die in the Corbin Series II Swage Press.



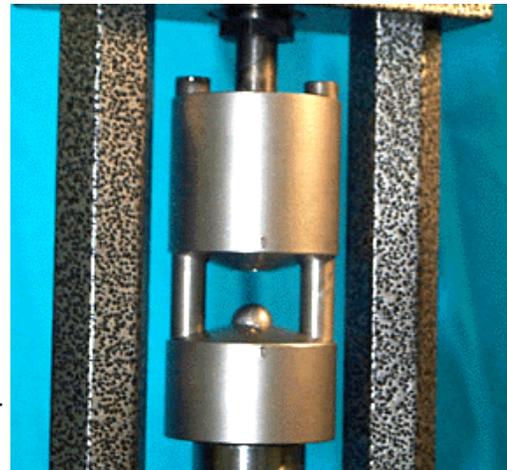
Putting the lead cylinder in the ball swage die



The two dies of the Corbin Ball Swage Kit



Forming the ball as the two halves of the die slide together on the guide rods



The high precision ball is ready to pick up and shoot!