

CORBIN™ PT-50-H

Improved Priming Tool for the 50 BMG

The Corbin PT-50-H priming tool includes a shell holder with 7/8-14 threads, now with a removable hardened insert that just fits the size of a standard 50 BMG primer.

The PT-50-H screws into the 1x12 thread ram of the Corbin CSP-2 and CHP-1 presses, while the adjustable punch shown at right drops into the ram.

The exact depth of seating can be set by adjusting the length of this punch. Length is set by turning the head of the punch relative to the long "stem" or body portion. The setting is locked in place with the lock nut.

To deprime and size, remove the hardened primer bushing so that primers can drop freely through the port. Leave the punch in place, as it prevents residue from dropping into the ram, and retracts to block the bottom of the hole.

A primer exhaust port in the side of the adapter unit allows spent primers to drop free of the press ram. Stretching the split end of a piece of clear vinyl tubing (3/4 inch or larger) around the adapter will allow the spent primers to drop into the tubing and roll down it, into a waiting container.

To reprime, install the hardened primer bushing into the bottom of the shell holder. Raise the ram very slightly. Check the cartridge primer pocket, drop a primer into the top of the shell holder primer hole, and insert the case. Then lower the ram to press the primer into the case. Raise the ram a short distance to allow the case to slide out of the shell holder. Adjust the length of the punch so that primers are seated to the desired depth.



WARNING:

Do not set up your sizing die by simply running it against the top of the shell holder!

Always check the headspace (position of the middle of the case shoulder relative to the base of the case) and adjust the sizing die so the shoulder is properly located for your rifle.

Failure to do so may result in pushing the case shoulder back too far, resulting in excessive headspace for your rifle. This can lead to case rupture on firing, with possible injury or even death of the shooter.

If the shoulder is too far forward, you will not be able to close the bolt on the rifle. But if the shoulder is too far back, you may not have any indication other than measurement. The bolt will close on a cartridge that has the shoulder moved too far back. The gun may or may not fire, depending on how close the primer is held to the firing pin location. But if it fires, the case will stretch and may rupture.

To avoid this, measure your fired cases and check the headspace against published information. If your fired cases have the shoulder at the proper location, compared to SAAMI specs for the caliber, then they should also have the shoulder at this location after you have sized them. If you size a case, and the shoulder is moved back from the proper location, **DO NOT LOAD THAT CASE!** It is better to throw away a case with excess headspace than to take a chance that it may rupture.



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CORBIN[®] SH-50

50 BMG Shell Holder

The Corbin SH-50 (50 caliber Browning Machine Gun cartridge shell holder) is machined entirely from chrome-moly steel, and is hardened and tempered for extreme toughness and long life.

A recess for protruding primers is machined across the face, and the holder has a hole large enough for priming and depriming operations. The extra strong side walls resist breakage when pulling crimped bullets.

The shell holder has a 7/8-14 standard thread, which screws directly into a Corbin reloading adapter for the CSP-2 MegaMite press, the CSP-2H Hydro Junior, or the CHP-1 Hydro-Press. It also screws into the Corbin PT-1 priming tool, a press-mounted device to insert primers into the cartridge precisely. The priming tool features a shell holder equipped with a bushing that guides the primers into the primer pocket. The standard shell holder has a larger primer hole for easier depriming operations.



Warning: NEVER adjust your sizing die by running it against the face of the punch holder! Always check headspace and make SURE you are not moving the shoulder back from the minimum safe specification. Tolerances in the reloading die may or may not be such that the distance from the top of the shell holder to the die shoulder is correct for your chamber. Moving the shoulder back too far can cause a dangerous excess headspace situation resulting in injury or death!

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