

QuikLoader®

12ga Shotgun shell taper tool for fast loading of side-by-side shotgun shells.

(Works great on pump-action shotguns, too!)

Designed by Cowboy Action Shooter™ Roger Rapid, the QuikLoader is a precision-machined 12-gauge shotshell case die that creates a taper crimp on the lead 1/2" of shotshell cases to provide quick and error-free feeding of shotgun shells. The QuikLoader die temporarily replaces the primary crimp die on your MEC Jr press.

With QuikLoader, tapered shotshell cases can be quickly fed into side-by-side shotguns without binding at the mouth of the chambers.



Fig. 1: Because standard shotshells are the same diameter as the chamber's mouth, they require precise entry to feed well and easily.



Fig. 2: Shells that have been shaped by a QuikLoader die can enter the chamber more easily and at a steeper angle. QuikLoader improves feeding in Winchester Model 97 pump shotguns, too!

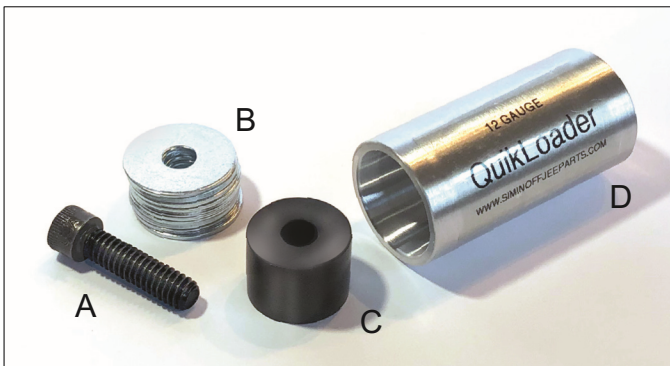


Fig. 3: Your QuikLoader kit includes: A) 1/4" x 1" socket-head knurled bolt, B) 10 flat washers, C) die spacer, D) QuikLoader taper die.

Installation (MEC Jr):

1) The QuikLoader die temporarily replaces the first crimping die (the one closest to you on the left). Use a thin 7/16" wrench or a needle nose pliers to hold the nut that is under the tool plate. Use another 7/16" wrench to loosen the nut on top of the tool plate as shown in Fig. 4.



Fig. 4: A thin 7/16" open end wrench or needle nose pliers is used to secure the nut below the tool plate as another 7/16" wrench is used to loosen the nut on top of the tool plate.

2) Remove the first MEC Jr crimping die and place the die and nut aside for safe keeping.

3) Insert the QuikLoader knurled bolt into the hole in the tool plate, place the spacer on top of the QuikLoader die (Fig. 5). Feed the QuikLoader and spacer on to the knurled bolt, and thread the knurled bolt into the QuikLoader die. Secure the die thumb tight. (It is not necessary to fully tighten the QuikLoader, but you may.)



Fig. 5: With the spacer on top of the QuikLoader die, thread the knurled bolt into the QuikLoader die. Hand tighten only.

4) Although it is our recommendation to use the die spacer to achieve the proper taper, you can choose to use from one to ten of the supplied washers for a reduced taper; using one washer for minimum taper and up to ten

washers for a 90% taper. The spacer produces a 100% taper. (If you are satisfied with the taper achieved with the spacer, you may discard the washers.)

If you choose to use some of the washers for a reduced taper, place the unused washers below the bolt head as shown in Fig. 6. This will ensure that the bolt's length will be constant and not protrude into the taper die where it might press into the center of the shell's crimp.

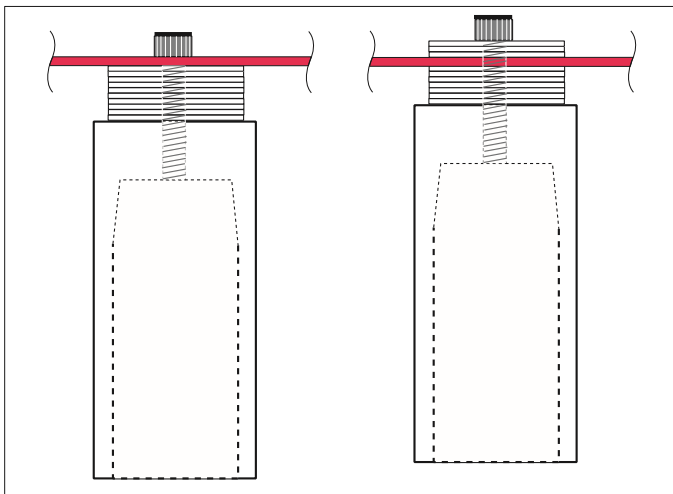


Fig. 6: When using less than ten washers, place the unused washers between the head of the bolt and the MEC Jr's upper plate to ensure that the bolt does not protrude into the taper die.

Operating instructions - Tapering your shells:

- Completely load and crimp all of the shotshells that you plan to produce during the loading session.
- Install the QuikLoader taper die as previously described.
- Place each loaded shotgun shell into the rim holder on the base plate of your MEC Jr loader (as you would when crimping) and fully cycle the lever on your MEC Jr. Remove the QuikLoader-tapered shell and proceed with the remainder of your shells.

Reset your loader:

5) Remove the QuikLoader taper die, spacer(s) and knurled bolt from the MEC Jr and replace the MEC Jr first crimp die when you are done.

Put the QuikLoader die, thumb screw, spacer and washers in the box for safe keeping.

Settings:

When setting the depth of the QuikLoader, the maximum a 12ga shell can be inserted into the QuikLoader taper die before the shell deforms is 1.60". At this depth, the shell will protrude 0.825" from the QuikLoader taper die as shown in Fig. 7. If a shell is forced to be inserted further into the taper die, it will deform the shell.

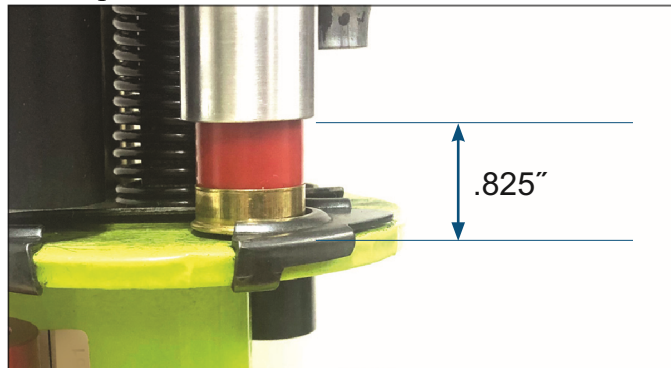


Fig. 7: With the QuikLoader at its fully down position, the shell should protrude no less than 0.825". This is the maximum compression position. **Do not use the spacer and any washers at the same time.**

Compatibility:

This product is young, and while we do know that it will work very well in the MEC Jr shotshell reloading press, we do not know what other old and new loading presses it will work in. If your dies are removable, it is probable that you can use QuikLoader on your reloading press. We are currently developing a compatibility chart and would appreciate any information you have as to what other shotshell reloaders our QuikLoader taper dies will work in as well as what settings or adjustments you had to make. Please send any info you have to info@uniquetek.com

Some other shotshell reloading presses may require longer bolts, no or additional washers, etc. Make installation adjustments as needed.

In any case the maximum depth settings (above) for shells into the die should not be exceeded.

Estimated yield per hour:

At a moderate insert/taper/remove pace, you should be able to taper 1,600-1,800 shotshells per hour. (Approximate time required to taper two boxes [50 shotshells] including installing and removing QuikLoader die is five minutes.)