

# NEILL ON RELOADING



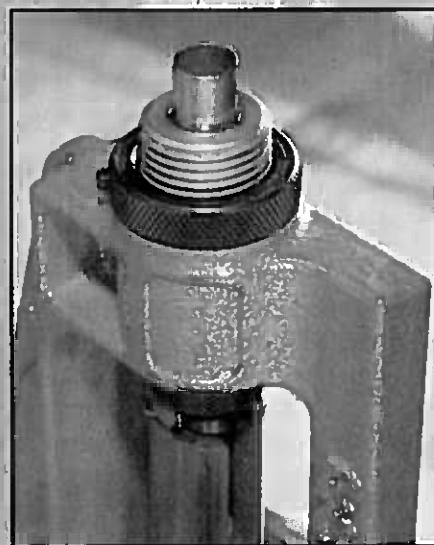
By Guy Neill, RELOADING EXPERT  
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**T**here's a new product on the market intended for totally resizing .40 S&W cases. The .40 is notorious for developing a bulge when fired in an "unsupported" chamber such as the

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Glock. With so much of USPSA shooters' .40 brass coming from police department Glocks and such, it's no wonder that finding a way to remove the bulge left behind by most reloading dies is an issue.

To my knowledge there are two methods used to totally resize the case - or, at least, eliminate any bulge near the extractor-groove. One is to push the case all



**As Guy drops the handle on the press, a .40 casing emerges from the top of the G-Rx device. Redding offers a blastic bottle that screws onto the top of the G-Rx to contain the loose cases.**

the way through a sizing die. The other is to roll the case between plates.

The latest product is from Redding and follows the "push it all the way through" theory. Currently available for the .40 S&W, the system itself is adaptable to any rimless casing. For obvious reasons, "push it all the way through" only works on rimless cases.

Redding has been making first-class reloading equipment for quite a while. Their latest offering, announced at the SHOT Show this year, consists of a re-sizing die and a push rod. As an option, they have an adapter and bottle that can be added to capture the cases as they are pushed through the die. I don't have the adapter and bottle, but it's the die and push rod that are important. The bottle adds some convenience, but doesn't affect use of the die.

Redding has named their new system the G-Rx. While I haven't asked, I'm going to guess this to mean "Glock Prescription" or - as in the remedy for what are sometimes termed "Glocked cases." That's because the first problems of bulged cases were identified as cases coming from Glock pistols. That's not to say that every Glock will give the problem, or that only Glocks demonstrate the situation. The fact remains that we do encounter cases that will not chamber after normal resizing because of an expanded area near the extraction groove that will not allow chambering when normal resizing is used. Since the shellholder, or shellplate, must grip the case by the rim, it covers part of the case just in front of the groove, thus preventing

the sizing die from going all the way down to the rim.

Use of the Redding G-Rx is straightforward. The die is mounted normally in the press, but there is no shellholder because the shellholder is replaced with the push rod. As long as the die is far enough down to allow the push rod to push the case all the way through the sizing area of the die, you're set. The die has standard 7/8 - 14 threads.

The only presses I have immediately at hand that are usable with the G-Rx are a Redding Turret and an RCBS Partner. The Turret is the larger press, having greater leverage, so the RCBS would be the more difficult test of the G-Rx.

The small RCBS was able to push the cases through the G-Rx without problem. Some required more effort than others - a situation to be expected since the cases were a mixed bag. The press is presently C-clamped to the bench, so better mounting would help, but the effort to push the cases through the die were not any more than I'm used to with normal resizing.

Redding also sent a small sample of Imperial Sizing Die Wax. The directions say to use the wax sparingly, but, not having used it before, I'm not certain the exact amount to use. Still, lube will ease the sizing force required.



**The G-Rx kit's simple die-and-pushrod system bolts onto a standard single-stage reloading press.**

I went through some range brass, trying them in a case gauge to find some that would not gauge. I found several, including some that went mostly into the gauge, then stopped - just like I've experienced with cartridges that would not gauge. After passing through the G-Rx, all gauged without problem.

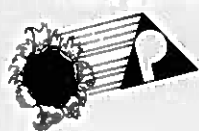
Redding did not simply take their normal sizing die and add a push rod. They re-designed the sizing die, eliminating any provision for accepting a decapping spindle, and made it readily accept the casing as you set the case on the push rod. Such seemingly small details can play a large part in ease of use.

If you find yourself looking for a means to totally resize a .40 S&W casing, you should look at the G-Rx from Redding. It may well fill your prescription just fine.

### **RCBS MEGA Tumbler**

Another new product I've been using is the RCBS Mega Tumbler. It was introduced last year at the SHOT Show, so it's not as new as the G-Rx die. With my move to Oregon right after the SHOT Show last year, it's taken a while to get settled in enough to do anything with it.

The Mega Tumbler is a vibratory case cleaner of conventional form, but enlarged. I've not seen all the vibratory case cleaners on the market, and while I would say there are some larger, I don't know if there are any more pow-



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