



Redding Reloading Equipment Cortland, NY 13045

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Taper Crimp and Profile Crimp Die Instructions

Preparation

To properly use Taper Crimp Dies and/or Profile Crimp Dies you should first seat your bullets to desired depth with your regular seating die adjusted to provide **NO CRIMP**. On most brands of seating dies "no crimp" can be accomplished by backing the die away from the shellholder 1/16" (approx. 1 turn).

Redding makes a very versatile die spacer kit that contains a 1/16" spacer just for this purpose. (Part #80901)

Lubrication

Although case lube is not normally used on regular seat dies, it is advisable on taper crimp dies or profile crimp dies because there is sliding action at the taper.

A little lubricant will go a long way. We recommend a small amount of case lube near the case mouth (at the crimp) applied every few rounds. Another suitable method is to apply case lube directly inside the die at the taper with a "Q" tip. We recommend Redding case lube because of its superior lubricative properties.

Adjustment

To adjust your die for the desired crimp:

- Start with the die adjusted 2-3 turns away from the shellholder.
- Put a loaded (uncrimped) round in the shellholder and raise the ram to its uppermost position.
- Adjust the die downward until resistance is encountered indicating that the crimp ring is engaging the case mouth.
- Continue to adjust the die downward in small increments until the desired amount of crimp is achieved.
- When the die is adjusted, set the die lock ring and tighten the set screw.

Taper Crimp



Profile Crimp Amount of Crimp



The Taper Crimp Die is designed for cartridges that have headspace on the case mouth, therefore only a little crimp is needed. **Be careful, DO NOT OVER CRIMP, because of this headspace method.**

Taper Crimp Dies are also available for select bottleneck cartridges that are commonly chambered in semi-automatic rifles.

Note: A taper crimp is appropriate when the bullet being seated does not have a cannelure (crimp ring).

The Profile Crimp Die is designed for a greater degree of crimp. This die has a quick taper crimp section followed by a tight roll crimp. Die adjustment will first produce a taper crimp followed by a uniform, tight roll crimp. Most reloaders using the profile crimp die are seeking better, more uniform ignition and better accuracy which requires a relatively tight crimp.

REMEMBER: To get a uniform crimp from case to case, your brass must all be trimmed to the same length.

If you have any questions regarding the above procedures, please do not hesitate to contact our tech support members.

Email: techline@redding-reloading.com

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Lifetime Warranty Disclaimer:

All Redding Reloading Equipment has been carefully inspected prior to shipment and is fully warranted to be free from defects in materials and workmanship for life.

Any product or parts which prove to be defective will be replaced or repaired without charge if returned prepaid to the factory.

Note: We reserve the right to decline responsibility where misuse or careless handling is evident or where repairs or modifications have been made or attempted by others.