

## INSTRUCTIONS FOR USE – CARTRIDGE RELOADING SYSTEM - 11mm Gras - 11 x 59R Gras - .433 French - 11mm Vickers H&C

Priming : insert the case inside the main tool. Put the primer onto the primer pocket. Strike with a mallet in order to fully insert the primer. Extract the case from the tool.

**Optional :** slightly enlarge the neck of the case with the lubricated expander.

Load the case with black powder and close the void with a wad. Leave a 10mm / 39 inches void to place the base of the bullet. **See example overleaf.**

Place the case on the tool base and then put a bullet head on the top of the case. Cover with the main tool, groove-marked, end downward.

Action the pushing tool down until it touches the bullet nose. Make sure the bullet meets the hole below the rod. Then, strike with a mallet until the pushing tool touches the main tool. The cartridge is now ready.

**Last step before shooting:**

**Lubricating the bullet:** use water-bath melted grease

Many types of grease can be used. They are most often made with 2/3 tallow and 1/3 beeswax

Alox grease can be used as well: using water bath, melt 1/3 Alox wax + 2/3 beeswax altogether, and mix well.

Failing that, melted pure beeswax or liquid Alox grease applied with the fingers may be suitable.

Carefully wipe the lubricant that may be underneath the case.



## APRES LE TIR

De-prime with the rod; do not forget to clean the case.

Slightly lubricate the case first. De-prime.

Extract the case from the re-sizing die. **The case is now ready for reloading. Carefully wipe the lubricant that may be underneath the case.**

Before shooting, have your gun checked by a gunsmith.

Use **BLACK POWDER ONLY**

The use of any other propellant is to the user's sole responsibility.

## H & C

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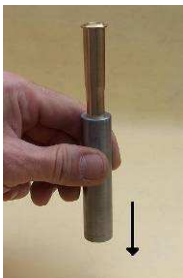
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If the expander tool went too deep inside the case and it is hard to separate them:

Place the handle of the expander in the main tool opening. Keep the case upright and strike on your work plan. The inertial force will quickly separate the expander from the case.



**Black powder load:** The H&C measure in this kit doses roughly 3.5g / 0.12Oz of 3FG black powder.

**Pour 2 measures of 3FG black powder poudre noire + 1 measure of durum wheat flour + 1 kapok ball** (vegetal fibre used in making cushions).

**Tamp down, but not too tight.** Leave a 10mm / 39 inches void to place the base of the bullet without packing the black powder in.

*Many possibilities exist when it comes to reloading 11mm Gras : type and dose of black powder, tamps, lubricants, ... The ones we show work properly and easily with the H&C kit*  
*To come as close as possible to the most genuine and historical methods for reloading, you can check online :*

<http://jp.sedent.free.fr>

[http://arquebusiers.ancenis.free.fr/trucs\\_astuces/infos\\_pratiques/11mm\\_gras.htm](http://arquebusiers.ancenis.free.fr/trucs_astuces/infos_pratiques/11mm_gras.htm)

Nota : the genuine load is 5,25g / 0.18Oz of 2FG black powder. The measure included in this kit does not suit for this load.

## Some of the Gras rifles :

1866-74 type, 1866-74 M80 type, 1874 type and 1874 M80 type.

The size of the chambers may be different, and some of the cartridges may be wider than the firearms chambers.

It may be necessary to shorten the case by 1 or 2 mm / 0.039 to 0.078 inches.