

# GUNSMITHING BASIC STARTER SET

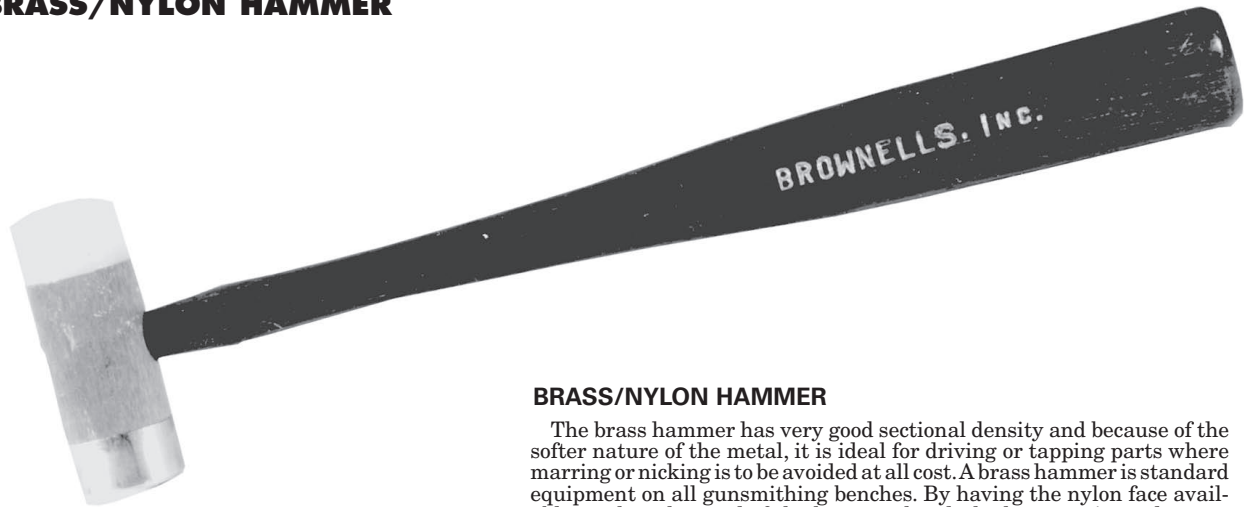
**BROWNELLS** 200 S. Front St. Montezuma, IA 50171  
800-741-0015 or 641-623-4000  
*SELECTION. SERVICE. SATISFACTION.®* [www.brownells.com](http://www.brownells.com)  
World's Largest Supplier of Firearms Accessories and Gunsmithing Tools.™

# Introduction

Gunsmiths, because of the critical nature of their craft and value of the pieces they work on, are unusually selective when choosing their tools. Only the best will do! Consequently, when assembling this kit, we at Brownells relied upon our forty years of experience in dealing exclusively with gunsmiths to provide this kit with the best tools available for the jobs intended. Each tool is fully guaranteed (See inside of the front cover of our catalog) and we sincerely recommend your reading not only GUNSMITH KINKS®, but many other gunsmithing books you will also find in our catalog to further your enjoyment in using these and other tools of the craft.

A handwritten signature in black ink that reads "Frank Brownell". The signature is written in a cursive, flowing style with a long horizontal stroke at the end.

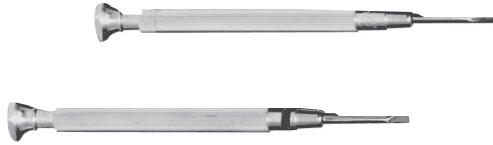
## **BRASS/NYLON HAMMER**



### **BRASS/NYLON HAMMER**

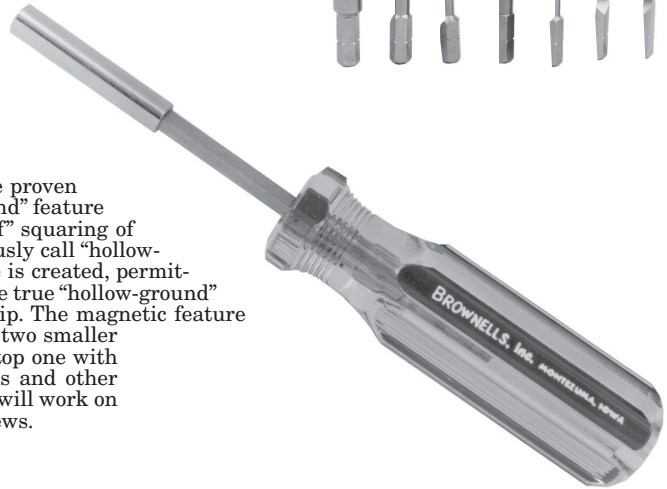
The brass hammer has very good sectional density and because of the softer nature of the metal, it is ideal for driving or tapping parts where marring or nicking is to be avoided at all cost. A brass hammer is standard equipment on all gunsmithing benches. By having the nylon face available on the other end of the hammer head, the hammer is made more versatile, offering the user a second choice where even more care must be used to avoid marring or deforming more delicate or softer parts.

## HOLLOW GROUND SCREWDRIVERS



### HOLLOW GROUND SCREWDRIVERS

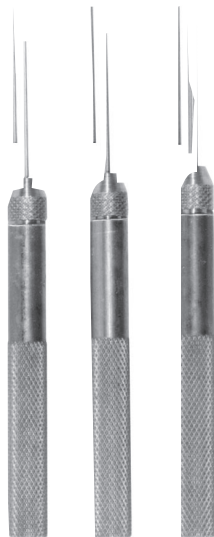
The bits chosen to go along with the kit are ones that have proven by far the most popular over the years. The true “hollow-ground” feature is the difference between this type of bit and the “dubbed-off” squaring of a bit by some competitive manufacturers which they erroneously call “hollow-ground”. When the shoulders are ground-off square, a fissure is created, permitting rather easy breaking of the blade tip. The long taper of the true “hollow-ground” blade transfers the shear force over the whole screwdriver tip. The magnetic feature holds the screw when you are getting into a tight space. The two smaller instrument screwdrivers are for sight work. The larger (the top one with the longer handle) works well on Marble, Redfield, Williams and other sights where you want to do blade adjustment. The small one will work on the smaller, front, pistol sights and very small rear sight screws.



## PIN PUNCHES

There are two starter punches included: a  $\frac{1}{16}$ " and a  $\frac{3}{32}$ ". I think it is most important that the beginning gunsmith, as well as the professional, learn to always use a starter punch rather than trying to break loose a struck pin with a long drift punch or pin punch. It generally ends up with the punch getting bent or broken. This can be avoided by getting the pin started with a starter punch and then "drifting it out" with a pin punch or drift punch. An awful lot of agony and possible gun marring can be prevented! Then, I have included two larger 6" pin punches, one  $\frac{1}{8}$ " and one  $\frac{5}{32}$ " for the heavier jobs. Also in the kit is our Replacement Pin Punch Set. The pins in this set are industrial "piercing punches" and made to withstand a devil of a lot of stress. By using the special handle we had made up for them, it is most easy to replace them should they get bent or broken - although they are very tough and will stand a lot of use and abuse. Personally, I recommend that the gunsmith cut them off and use them shorter. When longer pins are needed, use the long pins included with the set.

## PIN PUNCHES



## **CLEANING BRUSH**



### **CLEANING BRUSH**

It is possible to use a worn out toothbrush in the shop, but a brush designed particularly for gun work, such as the one we are including, is by far superior, not only in doing the job but in durability. There are many uses for something like this in action cleaning, brushing off parts, dipping in solvent and working where needed, cleaning out checkering, cleaning out grains of guns stocks after sanding and prior to filling and a lot of things you will probably think of.

### **MAINSRING VISE**

This is something that is quite handy, for sooner or later, and generally sooner, the beginner gets into side plate shotguns or, today, muzzle-loading work and one of the most difficult things to control without breakage and without slipping it out of your holding device is the mainspring. Consequently, we are putting in a little vise that will save an awfully lot of problems.





## **GUNSMITH BENCH KNIFE**



### **GUNSMITH BENCH KNIFE**

A real standard in the industry with woodworkers or where leather is being cut or carving being done. Made by an oldtime knife manufacturer in the woodcraft field, from high quality steel and of a shape that will let it do gun inletting as well as incising, relieving and whatever else the gunsmith wants to use it for.

## **INDIA STONE**



### **INDIA STONE**

The basic, all-around honing stone. As you progress with your work, you will find there are other stones you will want; this one will not only get you off the ground, but off and running.

## PARALLEL PLIERS

### PARALLEL PLIERS

Not intended for twisting/turning jobs but for precision holding by the gun worker, tool maker, etc. Because the jaws are parallel, when you grab something like a spring or a rounded object, there is no inclination for it to slip out from between the jaws when you apply pressure. Also, because of the compound nature of the leverage, tremendous pressure can be exerted. This is particularly valuable when inserting pins, holding springs or other small parts. Further, by taking a heavy rubber band and wrapping it twice around the grips, you then have a very practical and useful small vise, not only for shop use but for field emergency use as well. The jaws are not only serrated to grip well, but there is a groove running full length of the jaws, making it possible to use the pliers, with rubber bands, as an excellent, tightly holding, small pin vise. You probably already have heavy “work” pliers and, if not, they can be purchased as the need arises from your local hardware store. As you progress, you will find need for specialized pliers for certain intricate jobs. These you can easily obtain through our catalog.



## **NYLON/BRASS DRIFT PUNCH SET**



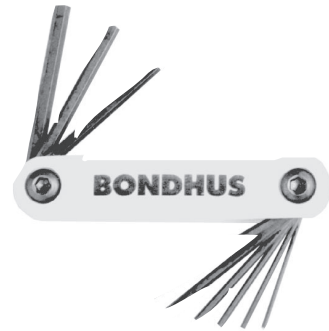
### **NYLON/BRASS DRIFT PUNCH SET**

A real fine punch set for a lot of jobs in the gunshop. We have made it with both a brass and a nylon replaceable tip so you can use the tip best suited to the job at hand. For instance, the brass tip is excellent for many jobs, but when it is used on blued surfaces it is possible to get brass marks on the metal. But by using the nylon tip (which has a steel insert to keep it from breaking), you can drive out a front sight or a pin without marring or transferring brass coloration to the finish. This drift punch set has been very popular with us, by the way.

## ALLEN-WRENCH SET

### ALLEN-WRENCH SET

So many of the guns these days are coming out with Allen heads and gunsmiths suddenly discover they don't have one of that particular size. This is a good and inexpensive way to pretty well cover most firearms applications except for the smallest sizes.



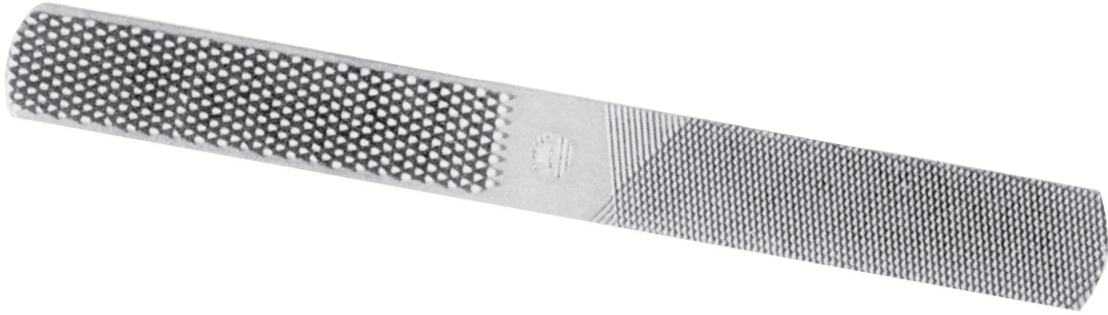
## 8" HAND FILE



### 8" HAND FILE

A really remarkable file. Not only does it cut beautifully, but also can be used for draw filing where it performs superbly. You will notice it is built quite similar to the pillar file, but has the definite advantage of having one cutting edge and one safe edge. The teeth configuration is a little different on this particular type of file. It does “eat” the metal but if you handle it properly, you can end up with a very smooth, nice finish in spite of the fact that the teeth do appear a little bit rough, or coarse. In actuality, because of the finish you can produce, the manufacturer terms it a “No. 2 cut”!

## **4-IN-ONE HAND RASP**



### **4-IN-ONE HAND RASP**

Provides fast removal of wood and because of the variety of shapes and cuts, it is something the gunsmith will keep the rest of their life because it can do so many things.

# SCREW CHECK'R



## SCREW CHECK'R

The Screw Check'r can help the gunsmith out by determining what kind of screw, their basic diameter, as well as the size of drill needed to make a hole to fit them. Saves a lot of time and monkeying around because it lets you know what size to order, to replace or to try to make. It won't take the place of a good pitch gauge but it's a very handy tool to keep on your bench.

## CHAIN-NOSE PLIERS

### CHAIN-NOSE PLIERS

Much heavier than the so-called “needle-nose” pliers. Made for holding things up inside of actions, for stirring things in the bluing tank or a lead pot, for holding things over a flame, for pins and springs and little parts. Built ruggedly enough that you can do considerable twisting, turning, tugging and pulling without springing things out of place. We think they are well enough made to withstand the rigors of heavy use in any gunshop.





## **SCRIBE HOOK**



### **SCRIBE HOOK**

For scribing, aligning pins in holes, pulling springs into place, getting up inside the places and jiggling things, cleaning out around rims and the like, but definitely not for cleaning one's ears!

## **SIGHT BASE FILE**



### **SIGHT BASE FILE**

A true, parallel, three-square file. Two sides of the file are safe and do not cut; only one side cuts. Not only is this excellent for fitting front or rear sights, and making inserts for front sights; it also can serve many purposes where the user wants to file something and come right up to an edge or slightly undercut without damaging the sides of the cut. Much better than a pillar file and less expensive than a barrette file.

