

## Getting Started with a Bullet Swaging Package:

The tools and supplies you will want depend on the caliber, the bullet style, the nose and base shape, and to some extent on the bullet length.

For calibers of .458 and less, the CSP-1 press and -S type dies (5/8-24 thread, 1-inch body) will work IF the bullet weight is less than 1.38 inches.

For larger calibers, or greater lengths, you will need either the CSP-2 press (Mega Mite) or the CHP-1 (Hydro Press) with -H type dies (1-in x 12 threads, 1.5-inch body).

For jacketed bullets, the FJFB-3-S (or -H) die set will make a flat base, open tip bullet. To make lead tips, add the LT-1-S (or -H) lead tip finishing die. To make Rebated Boattail bullets, add the RBT-2-S (or -H) add-on 2-die set.

For lead semi-wadcutter style bullets, use the LSWC-1-S (or -H) Lead SemiWadcutter die.

For smooth ogive lead bullets, you can use either a separate CSW-1-S (or -H) core swage to adjust the weight, and a PF-1-S (or -H) point forming die, or you can combine them into a single stroke operation using the PF-1-SP (or -HP), or the PF-1-SB (or -HB) point form die.

With any lead bullet design, you can use either scrap lead with the CM-4a core mold, or lead wire (LW-10) and a PCS-1 or PCS-2 core cutter.

With any jacketed bullet design, you will need the lead supply and the proper jackets. If the right jackets for your bullet caliber or length are not available "ready-made", you can either use a larger jacket with a JRD-1-S (or -H) reducig die, or make your own jackets using copper strip and a JMK-1-S (or -H) jacket maker. Or in many cases you can use copper tubing and produce jackets with the CTJM-1-S (or -H) tubing jacket maker.

As you can see, the first thing to do is determine the longest and largest bullet you wish to make, and then select the press and die system (-S or -H type) that will make it. Any smaller or shorter bullets can also be made with the same press and type of dies. Then, decide what base and nose style you want to make. Flat base bullets use a CS-1-S (or -H) core seat die, and rebated boattail base (RBT) bullets use a 2-die RBT-2-S (or -H). Open tip can be finished with just the PF-1-S (or -H) point form die. Lead tip bullets are finished with the LT-1-S (or -H) lead tip finishing die.

Hollow point bullets are a special term for bullet makers: they are different from open tip bullets. An open tip means the core is seated below the length of the jacket. A hollow point means that the lead core is seated in the jacket using a core seating punch with a conical projection. So a hollow point jacketed bullet can be either open tip or lead tip. The diameter of the core seating punch is different for each kind.

The OT-HP is made with a seating punch that fits inside the jacket and has a projection to poke a hole in the core. The LT-HP is made with a seating punch that fits and seals pressure in the die itself. You can see from this that the term "hollow point" does not, by itself, determine the shape. You need to specify whether it is an open tip hollow point, or a lead tip hollow point. Each kind requires a different diameter of HP punch.

For illustrations and tip design details, select and download: [www.swage.com/ftp/tipdesign.pdf](http://www.swage.com/ftp/tipdesign.pdf)

## Typical Starting Packages:

Replace "cal" with desired caliber. Replace ogive shape with your desired ogive, and base shape with your desired base style (see [www.Corbins.com/design.htm](http://www.Corbins.com/design.htm) and [www.Corbins.com/specs.htm](http://www.Corbins.com/specs.htm) for suggestions and standard shapes of both noses and bases).

For calibers .102 to .458 diameter, length not over 1.38 inches.

CSP-1 S-press (any caliber from .102 to .458, any length of bullet up to 1.38 inches)..... \$739.00  
FJFB-3-S (cal) 6-S ogive flat base bullets of any reasonable weight range..... \$647.00  
CSL-2 swage lube..... \$8.00

To add Rebated Boat Tail (RBT) base bullets, RBT-2-S (cal) ..... \$498.00  
To add Lead Tip bullets of any shape, LT-1-S (cal) (shape) ..... \$199.00  
To make HP-OT bullets, add PUNCH-S (cal) CS External HP-OT..... \$50.00  
To make HP-LT bullets, add PUNCH-S (cal) CS External HP-LT ..... \$50.00

For any caliber including those larger than .458, and any practical length of bullet.

CSP-2 Mega Mite press (up to 25mm, 2.5 inch length) ..... \$1398.00  
FJFB-3-H (cal) 6-S ogive flat base bullets of any reasonable weight range ..... \$816.00  
CSL-2 swage lube..... \$8.00

To add Rebated Boat Tail (RBT) base bullets, RBT-2-H (cal) ..... \$636.00  
To add Lead Tip bullets of any shape, LT-1-H (cal) (shape) ..... \$249.00  
To make HP-OT bullets, add PUNCH-H (cal) CS External HP-OT..... \$50.00  
To make HP-LT bullets, add PUNCH-H (cal) CS External HP-LT ..... \$50.00

All calibers, for cores you can choose lead wire and core cutter, or a core mold:

LW-10 lead wire (cal), 70,000 gr spool..... \$50.00  
PCS-1 core cutter (up to .365-diam wire) ..... \$69.50  
-or-  
PCS-2 core cutter (all wire sizes up to .430-diam)..... \$98.00  
-or-  
CM-4a (cal) core mold to use your own lead source..... \$169.00

Add appropriate jackets for the caliber and weight, such as J-30-125 jackets or J-38-500 jackets.

Please note that you can log on to [www.SwageDies.com](http://www.SwageDies.com) web store, look at the category of press and dies in which you are interested (such as -H or -S type), and add items to your "shopping cart" or "basket", then see the total by selecting "check out".

You do NOT actually purchase anything until you have provided the payment information and shipping information. There is no reason to fear purchasing the "wrong thing". You can discuss your proposed purchase even after placing the order, and make modifications as needed, prior to our actually entering the order and starting work on your tools. We always review the orders and contact you if anything seems "odd", especially for new clients and groups of items that are likely to be intended as a starting "kit".

## Example of a Long Range Target Rifle Bullet Swaging Package:

CSP-1 S-press ..... \$739.00  
RBTO-4-S 264 cal (6.5mm) ULD ogive RBT base ..... \$946.00  
CSL-2 swage lube..... \$8.00  
LW-10 .185 lead wire, 70,000 gr spool..... \$50.00  
PCS-1 .185 core cutter..... \$69.50  
J-26-125 bullet jackets, pk/250, .264 cal x 1.250-in length..... \$58.00

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**TOTAL PACKAGE: \$1870.50**

## Example of Ultra Low Drag Long Range Rifle Bullet Swaging Package:

CSP-2 Mega Mite Press..... \$1398.00  
RBTO-4HT 308 cal (7.62mm) ULT-TIP RBT base ..... \$1273.00  
CSL-2 swage lube..... \$8.00  
LW-10 .247 lead wire, 70,000 gr spool..... \$50.00  
PCS-1 .274 core cutter..... \$69.50  
J-30-136 bullet jackets, pk/250, .308 cal, 1.365-in length..... \$58.00  
TIP-30-5 ULD tip inserts, pk/500 ..... \$110.00

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**TOTAL PACKAGE: \$2966.50**

## Example of a HP and FMJ Handgun Bullet Swaging Package:

CSP-1 S-press ..... \$739.00  
FJFB-3-S .452 3/4-E ogive flat base 3-die set ..... \$647.00  
PUNCH-S .452 CS External HP-OT seating punch.... \$50.00  
PUNCH-S .452 PF External FMJ base punch..... \$50.00  
CSL-2 swage lube..... \$8.00  
LW-10 .390 lead wire, 70,000 gr spool..... \$50.00  
PCS-2 .390 core cutter..... \$98.00  
J-45-680 bullet jackets, pk/250, .452 cal x 0.680-in length..... \$54.00

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**TOTAL PACKAGE: \$1696.00**

## Example of a Black Powder Rifle Lead Bullet Swaging Package:

CSP-1 S-press ..... \$739.00  
PF-1-SB .458 1-E ogive .25-in flat tip combo weight-adjusting/point forming die..... \$489  
\* can include integral HP ejector: specify depth, diameter of HP desired, no extra cost.  
CSL-2 swage lube..... \$8.00  
CM-4a .430 core mold, 4-cavity, adj. weight..... \$169.00

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**TOTAL PACKAGE: \$1405.00**

Any package can use either a CM-4a core mold, or LW-10 lead wire and a core cutter. Lead wire up to .365 can be cut with the PCS-1 core cutter. For any size up to .430 diameter use the PCS-2 instead. A pint of swage lube is \$35, and provides you with 8 times the lube in a CSL-2. The same amount of lube in 2-oz bottles would cost \$64. Order CSL-16 if you would like more lube for less cost per ounce.