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Basic Package

[▶ Core Swaging](#)
[▶ Core Seating](#)
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You can swage a lead or jacketed bullet in the range of .224 to .458 diameter, in any of the standard nose (ogive) shapes such as 1-E, 3/4-E, 6-S or ULD (see [design](#) page) with the following package. You can also order sub-caliber versions from .10 caliber up to .2235, and custom nose shapes, rebated boattails, and lead tips with the options listed. Powder metal bullets can also be formed by the addition of the proper powder handling [accessories](#), discussed on the [powder metals](#) page.

- **CSP-1 S-Press, Swaging and Benchrest Reloading Press**
This is the world's most popular swaging press, much faster and easier to operate than a reloading press for forming bullets. Mount directly to your bench top, or get either the self-supporting floor stand or the bench top mount for more storage and a little easier operation. Roller bearings, steel construction, hard-chromed ram, precision beyond anything you've seen on a dealer's shelf! [Prices](#)



- FJFB-3-S Three-die swaging set, jacketed and lead, open tip or FMJ.
We just need to know the caliber, weight range you would like, and the ogive shape (standard spitzer rifle bullets are 6-S or, for long range target shooting, the ULD or Ultra Low Drag nose; standard big bore .44-45 rifle is 1-E ogive, and standard handgun calibers are either the TC (truncated conical) or the 3/4-E ogive. Other shapes are available with a modest tooling/setup cost. Unusual or non-standard diameters are additional, as are calibers below .224 diameter such as the .172, .19, .142, and .204 (5mm). FJFB-3-S [Prices](#)
- CSL-2 Corbin Swage Lube, 2-oz.
The standard of the industry for nearly 30 years, also an excellent case sizing lube. Swage Lube doesn't diesel like regular petroleum based sizing lubes, and it has a far higher film strength under pressure. [Prices](#)
- LW-10 Lead Wire, 70000 grain spool in appropriate size.
Pure lead wire is more dense, swages easier, and yields a higher BC bullet. Available in all the appropriate sizes for .14 to .512 caliber (although above .458 you will need to switch to the larger -H dies and Mega Mite or larger presses). [Prices](#)
- PCS-1 Precision Core Cutter, for above wire.
Cut lead wire quickly to preset lengths, accurately adjustable, and then swage it to exact weight and size in the first die of the 3-die set. Cutter uses interchangeable, hardened die inserts for long life and closer cutting. [Prices](#)

Select the appropriate length and caliber of bullet [jacket](#), and add this to the order. If the caliber you want to make, or the length of jacket, is not available from standard supplies, then you may wish to choose one of these other methods of getting the desired length and/or caliber:

1. Draw down an existing larger caliber (add [JRD-1-S jacket drawing die](#))
2. Trim the above, or any existing longer jacket, to length (add [ET-2-S trim die](#))

3. Make the jacket from copper tubing (add [CTJM-1-S tubing jacket maker](#))
4. Make the jacket from flat copper strip (add [JMK-1-S jacket maker](#))

If you have any questions about the size of wire or best way to obtain jackets, contact us and we'll work out the best solution to make your desired bullet.

You may wish to add certain accessory items. Some of the most popular are:

- **CSP-A Arbor Press Anvils for the S-Press, triple the uses!**
Hardened, flat faced inserts screw into the punch holder and ram, converting your press to a high precision, high power general purpose arbor style press. Set sights, press bearings and bushings, set rivets, test lead hardness with the ball/comparison Bhn test, etc. [Prices](#)
- **HCT-1 Hand Cannelure Tool, puts a factory cannellure on jacketed bullets.**
Adjustable position and depth .050 serrated cannellure grooves makes your jacketed bullets look just like the factory, but the cannellure can be anywhere you want it. [Prices](#)
- **CSP-C Handle Retainer Clip, holds the handle positively in up position.**
Unobtrusive, easily installed retainer mechanism holds the press handle securely when you lower the ram, so that bumping the table or press while looking for something that fell on the floor won't cause the handle to fall and bonk your head! Just a handy, secure way to add a nice feature. [Prices](#)
- **CSP-B Bench Stand, mounts your press 12 inches higher, with shelf space.**
Add shelf space and storage under your press, and raise it up so that the repetitive motion is easier on your arm and back (you don't have to lean over to push the handle all the way down for full power). A very useful, sturdy steel bench stand. [Prices](#)
- **RBT-2-S Rebated Boattail Add-on Set.**
Adds the capability of making low drag, high precision RBT bases as well as flat base bullets. The RBT set consists of a BT-1-S 8-deg combined core seating and boattail preforming die, a BT-2-S w/standard 8-deg rebated boattail finishing die which acts as a second core seating operation, and a PUNCH-S PF EXT RBT external (top) punch that matches the RBT base shape and is used to push

the bullet into the point forming and lead tip forming dies instead of the usual flat punch. When forming RBT bullets, set aside the normal flat base core seating die (CS-1-S) and use these two boattail "core seaters/base formers" instead. The pressure of the lead shapes the flat jacket base into the boattail form and creates the sharp gas sealing edge that gives the RBT such an advantage over factory boattails. Custom length, angle, rebate can also be made (custom price). [Prices](#)

- **LT-1-S Lead Tip Shaping Die.**

Adds the ability to make sharp or radius lead tips without the flat created by the point form die's ejection pin. Usually not required for round nose or flat nose bullets, this die is essential for high quality spitzer or semi-spitzer lead tip finishing. It is used after forming the ogive, by using a little extra lead so there is a tiny "blob" of deformed lead extruded from the jacket tip after point forming. The extra lead is then reshaped into smooth tip by gently pushing it into the LT die. The internal punch is a match to the ogive shape you want, with just a slightly larger included angle so the punch cavity presses harder on the very end of the tip rather than impressing its edge into the jacket. A custom version with special punch to help close open tip bullets for a smaller hole can be ordered. Custom diameters and shapes are also available (additional cost). [Prices](#)

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Punch and Die Markings

Your 3-die set (FJFB-3-S) is a matched set of the core swage, core seater, and point forming die with their respective punches. Click on the little green circle beside the die name, at the top of this page, for detailed information on how each of these dies helps you make a better bullet and how they work in concert with each other.

The dies and punches are marked with "S", "C", and "P" to indicate the core swage, core seater, and point former respectively. The core swage has the smallest diameter bore and punches, and the die has three bleed holes around the circumference. The core seater looks like the core swage but it has no bleed holes, has a larger bore diameter (about 0.0005 inches or so smaller than the caliber), and has an external punch that either fits inside your jacket (for open tip bullets) or fits the die bore (for soft nose or lead tip styles). The point forming die has a semi-blind cavity hole fitted with a thin ejection pin wire punch at one end. It is full diameter for the caliber. The bullet goes into this die nose first, and goes into the core seater base first.

A simplified instruction sheet comes with the die set, explaining how the dies work and telling you how to set them up and use them. More information is found in the Corbin Handbook of Bullet Swaging, and in the other [books](#) on bullet design from Corbin.

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