

# CORBIN CBP-50 Bullet Puller

Standard 510 Caliber

Custom: \_\_\_\_\_



The Corbin Bullet Puller is used with a reloading press to remove bullets from loaded rounds without shock, impact, or digging into the bullet. Slip a round into a shell holder, raise your press ram (with no die in the press head) until the bullet and case neck are just above the top of the press.

Then close the brass jaws on the parallel shank of the bullet with the counterbored side of the hole over the case neck. Be sure to position the brass jaws so the counterbore is facing down, over the cartridge case.

The tool can be adjusted for a vise-like grip to prevent slippage, provided a parallel section of bullet with a length at least 40% of the caliber is exposed from the top of the cartridge case. Be sure to use the 50 caliber tool only on standard 0.510 (50 BMG) bullets. Custom size jaws are available on special order for any diameter of bullet.

The tool rests on top of the press, and holds the bullet while the case is lowered, pulling the bullet with the down stroke of the press. The full power of your press is utilized, instead of impact force, making the CBP-50 tool safer to use with tracer and pyrotechnic projectiles, and less likely to fracture primer pellets or damage bullet tips than hammer style pullers. The quick opening action is faster to use than collet pullers.

## Operating details /special calibers...

To work with the puller, a bullet needs to have a minimum grip area that is 0.4 times the caliber available above the case neck (40% or more of bullet diameter).



For example, a 510 caliber bullet would need  $0.4 \times .510 = 0.204$  inches of shank to prevent slippage. A .224 (5.56mm) bullet would need at least 0.0896 inches to grip.

Bullets seated too far into the cartridge case to have enough parallel shank exposed must be pulled with an inertial tool, or by an edged grip which dig into the curved section of the bullet that is exposed above the cartridge case neck.

You can order the CBP-50 with standard .510 jaws, or with custom jaws in any caliber up to .720. Custom jaws are available separately to switch calibers on an existing tool. The jaws are held by two hardened pivot pins, which are pushed into matching holes in the "mandibles" of the tool. New pins come with each set of jaws. A drift punch is used to push out the pins.



BLANK JAWS are also available to make your own puller. The hole should be drilled and reamed just slightly larger than the bullet to be pulled, but with the jaws clamped together on a shim of about .015-.020 inches thickness. This creates a crush fit oval hole without corner pinching.