



Hole Stretcher



Description:

The Hole Stretcher is the perfect solution when you drill a safe and find that you've slightly missed your mark once you're inside the lock case. If your 1/4" drill bit is unable to remove the entire slide or blocking mechanism then the 1/4" Hole Stretcher allows you to open your hole up to 3/8" inside the lock case without having to drill a larger hole through the safe door and hardplate.

CAUTION:

The Hole Stetcher MUST be used in a clutched drill motor with the clutch set to the LOWEST SETTING. You should also chuck the Hole Stretcher up loosely in the drill chuck to allow for slippage. Failure to do either of these can cause the carbide tip of the Hole Stretcher to break off the shank if it gets caught in a bind. This can leave a nasty chunk of carbide stuck in your drill hole. This is not good and will ruin your day. PLEASE DRILL WITH CAUTION.

Preparation:

The Hole Stretcher is 6" in length. When working on thinner safe doors we recommend cutting a couple inches off the shank to shorten the Hole Stretcher for your safety and to prevent breakage.

Usage:

Before using, please read and understand the CAUTION SECTION.

Chuck the Hole Stretcher up loosely in the chuck of a clutched, variable speed drill motor. Adjust the drill clutch to the LOWEST setting. Run the drill at a slow speed and slide the Hole Stretcher through the existing hole in the safe door until you are inside the lock case. Once inside the lock, increase the speed of the drill motor to 1500 – 2500 RPM and begin placing pressure on the Hole Stretcher in the direction where you need to remove additional material (Note: You can use a borescope to help determine where additional material needs to be removed inside the lock). Continue applying pressure until sufficient material has been removed to allow the lock to open. You should check your progress periodically with a borescope. The Hole Stretcher is a burr that grinds material away and does not "cut" in the traditional sense so the rate of material removal is fairly slow. Be patient and allow the Hole Stretcher to work and slowly remove the necessary material. Feed in with light pressure and lower speed until the Hole Stretcher begins to cut smoothly before increasing speed and pressure. In addition to side cutting, the tip of the Hole Stretcher is also end cutting which allows you to remove material in front of the tip as well as at the sides.