



Gas Check Maker Kit

GCM-1-S

Size: _____

The Corbin Gas Check Maker Kit consists of a DISK CUTTING DIE and a CUPPING DIE, with their associated punches. The Disk Cutting Die screws into the press head from the bottom side, so that the slotted end faces DOWN and the threads face UP (just the opposite of most dies which fit the press head).



The Disk Cutting Punch fits into the press ram. The die is set so that the tip of the punch is just past the top of the slot when the ram is fully extended. A strip of copper, .030-thick by 1-inch wide is placed in the slot, and the ram is moved up and down just far enough to punch out copper disks, which move up and out the top of the die.

The CUPPING DIE is then put into the press head, from the top side (normal way). The punch with spring and sliding guide assembly is put into the press ram. A copper disk is placed in the top of the guide assembly, and the ram is raised so that the spring pushes the guide against the die face, and then the punch continues upward, pulling the disk into the die from under the spring pressure against the guide.

The die must be set so that the resulting gas check is clear of the tightest portion of the die hole before the next disk is pushed up into the die. Gas checks will stack in the die and come out the top, pushed by the next one in line. There should be no folds or wrinkles, but only perfectly drawn gas check cups. Use Corbin Swage Lube on the copper to reduce friction, galling and folding. Apply a light film to the strip with the fingers or a clean cotton pad.



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