

# ICKLETON TOOLS

## ICKLETON DROP RIVETER AND MACHO MKII DROP RIVETER

The principle of the Drop Riveter is to produce equally sized rivets in sheet metal kits quickly by simply letting the brass weight fall to push the steel point into the half-etched holes to form the required dome heads.

Place the etched sheet (half-etched uppermost) on a sheet of flat softish material such as a cutting mat or self-adhesive plastics floor tile. This is to prevent the rivets deforming as they would on a hard surface. Keep the tool vertical and make sure the head is central in the half-etched hole.

The drop pressure is adjusted by the two nut, one to determine the drop distance, the second to lock this nut in position.

Start with the lowest drop and gradually raise the stop nut until the correct size and projection of the rivet is produced. Using the second nut, lock the stop nut tight. Now every rivet will be identical to its partner so long as the drop-weight is always returned against the stop nut.

The head should be slightly radiused, not a sharp point. Re-dress occasionally on an oil stone, but do this lightly and gently. Replacement or different sized heads are available.

The Macho MkII Riveter is designed for those occasions where a really heavy weight is required or when scratchbuilding you wish to form rivets in plain metal sheet. Unless an end mill is used to half-rebate the metal, any rivets will slightly distort the metal round the dome.

All parts are interchangeable so it is possible to add the heavier weight to a standard riveter or exchange the drop-bar and weight. All these parts may be purchased from Perfect Miniatures.

## PERFECT MINIATURES

86/88 FRIARS STREET, SUDBURY, SUFFOLK CO10 2AJ  
telephone: 01787 375 884 e-mail: [pminiatures@aol.com](mailto:pminiatures@aol.com)