

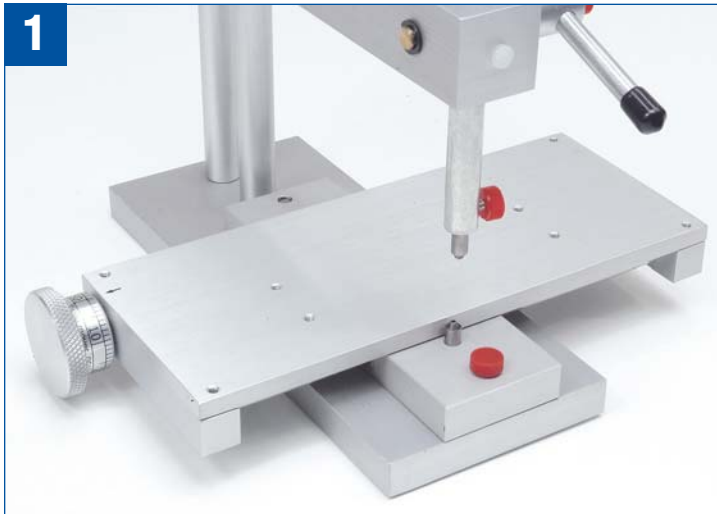
#83540 EMBOSS-IT INSTRUCTIONS

Emboss-It is an indexing table that is designed for use with the Press-It miniature arbor press. Its primary function is to emboss dimples in the surface of metal or plastic sheet at regular intervals to create the appearance of rows of miniature rivet heads, such as those found on bridges and locomotives.

Of course, substituting hole-punches and dies for the rivet embossing tools allows the tool to be used for making holes instead of embossing rivets.

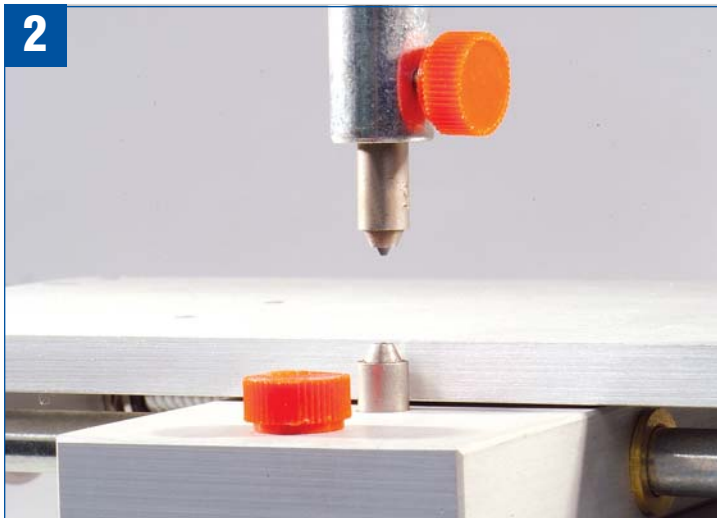


The first step in the use of the tool is to mount the Emboss-It table to the base of the Press-It as shown below:



Use the long red thumb screw to secure the table in place.

Next, insert the desired rivet punch (the male version) in the ram and secure with the thumb screw, as shown below:



Place the corresponding die (check the number stamped on the die) in the hole of the table. Adjust the die bore plug that came with the Press-It so that the top surface of the die is flush with the top surface of the table. Slowly lower the ram and check that the point of the punch enters the center of the hole in the die. If not, loosen the two rear screws which hold the head plate on top of the two rear vertical posts; then adjust the head plate so that the punch and die are in alignment. Tighten the screws and again check the alignment...to obtain the best rivet heads, accuracy of alignment is important.

Use masking tape to attach a small section of test material to the table, as shown in figure 3 below:



Position the sheet so that the punch will reach the desired rivet locations when the table is moved to its left/right limits.

At this point, you may notice that the die bore plug protrudes from the bottom of the base. If so, place the tool on a piece of wood in which you have drilled a clearance hole for the plug. Hint: It's a good idea to mount the tool on a large wood base anyway, so that it may be clamped to your workbench to prevent movement while in use.

Use the test piece to try your hand at embossing rivet heads. Gently lower the ram to impress the rivet, then turn the knob the desired amount and emboss again. You'll soon learn the proper "feel" of the machine and get good rivet impressions.

We've learned that positioning the handle of the Press-It at its mid-point is most-convenient for rivet embossing.

You may find it necessary to touch-up the tip of the embossing punch. Since different materials do not emboss the same, you may want to dull the point to keep the tip from poking a hole through the material. Since the tips are hardened, a sharpening stone will be required to dress the point. Be careful to not dull it too much, or the point may be permanently ruined.

