

Instruction for the LKB 7801B KnifeMaker

PPE: safety glasses, nitrile gloves (optional)

This knife maker uses only 25 or 38 mm wide, 6–7 mm thick glass strips.

Preparing the glass strip

1. wash with detergent and a brush, rinse well with tap water
2. rinse with distilled water
3. allow the strip to dry on paper towel in a dust free area

Note: Use glove to avoid touching the clean strip with bare fingers, especially the long edges (see S in the figure below)

Preparing the machine

1. Rear Glass Holder is retracted; if not, turn the Disengage Knob on the left counterclockwise and pull out to lock
2. Breaking Knob in the front is fully counterclockwise
3. swing Locking Lever to rear position
4. Scoring Shaft is fully in

Making squares

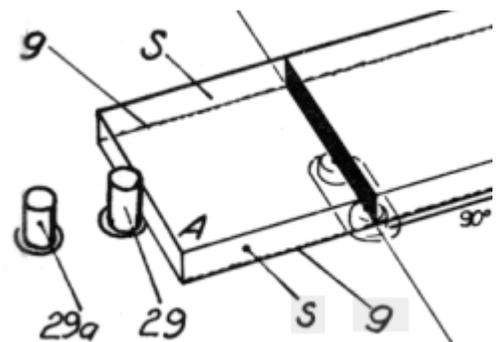
1. use the brush to remove any glass sharps or other debris on the Support Studs, Breaking Pins, and Angle Setting Plate; clean the Support Plate, if necessary

2. Score Selector on 

3. place strip with factory score mark side (g) DOWN, press against the white Guide Plate with one end against the right Arresting Stud, 29 for 25 mm wide strip and 29A for 38 mm wide strip; KEEP YOUR HAND IN PLACE

4. gently swing the Locking Lever forward to lower the Clamping Head until the Support Studs contact the glass surface

5. REMOVE YOUR HAND and then press the Locking Lever down until you can feel some resistance, the black knob should be about 1" from the top surface



Caution: DO NOT PUSH THE LEVER DOWN FURTHER BEYOND THIS POINT!

6. place the Fork under the left end of the strip
7. pull the Scoring Shaft out in one smooth movement to its stop to score the glass
8. turn the Breaking Knob clockwise until the glass break, reset the knob
9. support the Scoring Shaft/Clamping Head with the right hand and use the left hand to return the Locking Lever to the start position

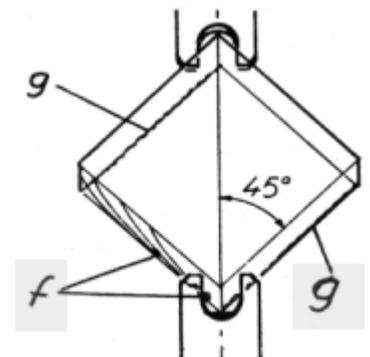
Note: This prevent the Clamping Head to crush on the glass when the Locking Lever is raised.

10. push the Scoring Shaft back in completely
11. using the Fork remove the glass square
12. repeat 1–11 for more squares

Making triangles

1. prepare the machine as noted above
2. use the brush to remove any glass sharps or other debris on the Support Studs, Breaking Pins, and Damping Pad
3. put the DPA-Lever (Damping Pressure Adjuster) on the dot
4. Score Selector on "25" for 25 mm wide squares or "38" for 38 mm ones
5. rotate a square 45 °, place the square with factory score mark (g) DOWN on the Fork, and lower it onto the Breaking Pins

Note: The cutting edge of the A knife (right triangle) is located at the front corner of the square. You should select a good surface to be on the right front side. Usually it is the side with the factory score mark (g).



6. leave the Fork under the square
7. push in the Disengage Knob to bring the Rear Glass holder to the rear corner of the square; make sure the glass sits squarely between the Rear and Front Glass Holder
8. gently swing the Locking Lever forward to lower the Clamping Head until the Support Studs contact the glass surface
9. press the Locking Lever down until you can feel some resistance, the black knob should be about 1" from the top surface

Caution: DO NOT PUSH THE LEVER DOWN FURTHER BEYOND THIS POINT!

10. pull the Scoring Shaft out in one smooth movement to its stop to score the glass
11. rotate DPA lever until Damping Pad touches glass
12. turn the Breaking Knob clockwise until the glass break, reset the knob
13. support the Scoring Shaft/Clamping Head with the right hand and use the left hand to return the Locking Lever to the start position

Note: This prevent the Clamping Head to crush on the glass when the Locking Lever is raised.

14. push the Scoring Shaft back in completely
15. reset the DPA Lever to the dot
16. turn the Disengage Knob counterclockwise and pull out to lock
17. lift the Fork up a little bit and gently to the left to pull the left knife away from the right one, then lift the fork to remove both knives
18. repeat 2–17 to make more knives
19. clean up and cover the machine
20. submit your usage using the google form