

KnifeMaker

Condensed Instructions

(Valid for breaking of 1" knives with 45° scoring angle)

MAKING SQUARES

Settings:

Lock rear glass holder (28) in rearmost position by turning and pulling the knob on left side of apparatus. Push in scoring shaft (15) fully and set the symbol \equiv on score selector (13) upwards. Set white guide plate (21) at 90° line and place a 200 mm long glass strip [with scoring edges (g) turned downwards] in the apparatus. Turn breaking knob on front side counter-clockwise to stop. Push holder (22) against strip and tighten screw (23).

Procedure:

1. Hold glass strip against the white plate and push strip against stud (29). Do not remove the hand from strip.
2. Lower clamping head (8) until it touches glass, *remove the hand from strip* and clamp securely. Place fork (1) under end of strip.
3. Score by pulling out scoring shaft and break strip by turning breaking knob clockwise. *Reset knob immediately.*
4. Raise clamping head with ball lever, push in scoring shaft and remove glass square by means of fork.
5. Repeat steps 1-4 until required number of squares are obtained.

MAKING KNIVES

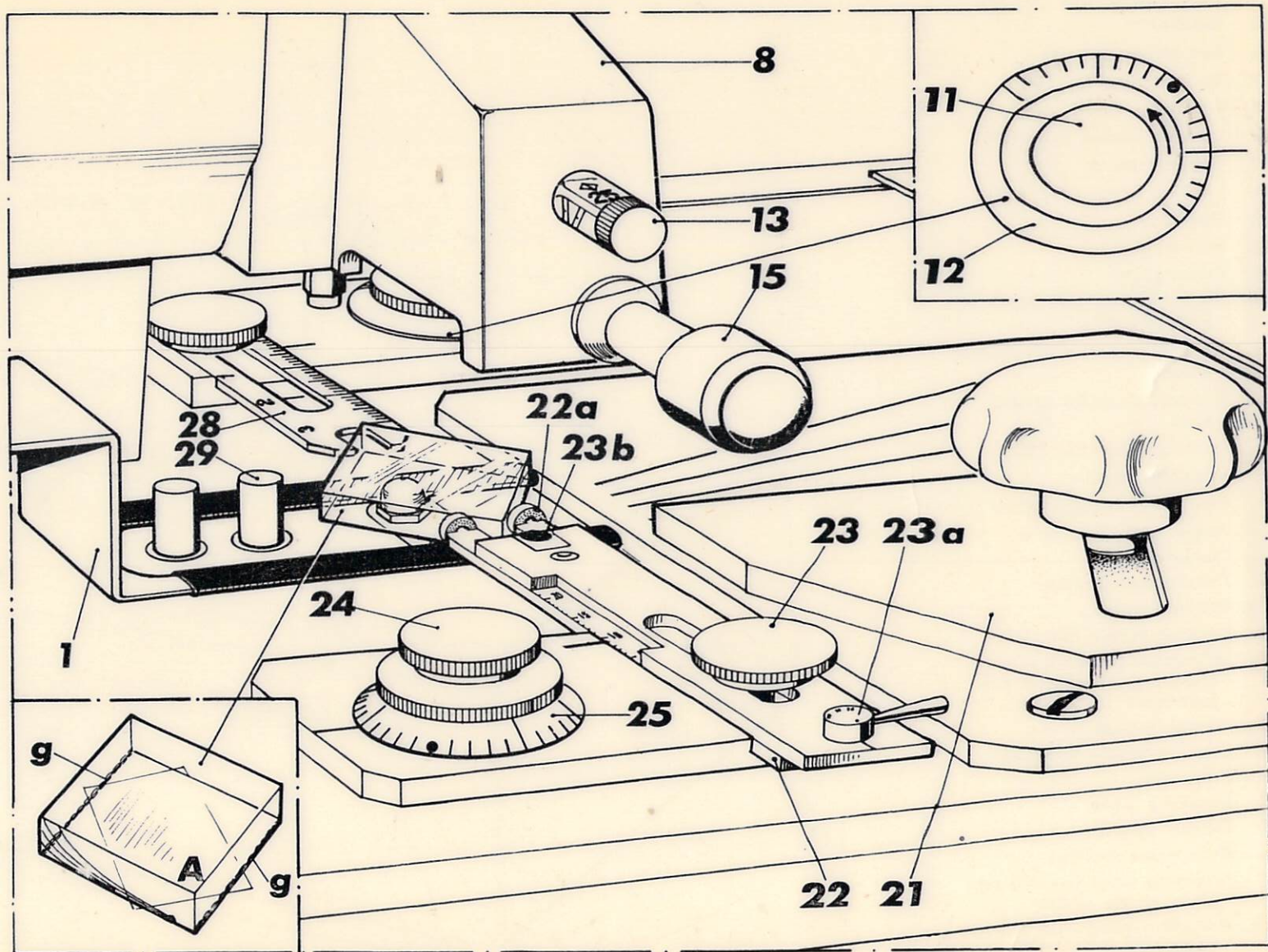
Settings:

Swing lever (23a) to position shown in figure, then set and lock glass holder (22) to "10" and push in knob on left hand side of apparatus. Set dials (12) and (25) to e.g., fifth scale division as shown. Lock with screws (11) and (24). Push in scoring shaft and set score selector (13) to "25".

Place a glass square between the two glass holders, with best (straight) corner **A** oriented as shown. Push rear holder (28) against square and then turn knob on left side backwards to stop and move holder (28) two scale divisions towards square and lock holder. Push in knob. Holder (28) will then press against glass square.

Procedure:

1. Place square between the two glass holders, with the best (straight) corner **A** oriented as shown. (If knife edge disturbances occur, place a piece of adhesive tape on underside of glass, see figure. Also check that damping pad (23b) is free from glass splinters).
2. Fasten glass square by lowering clamping head, place fork under the glass and score.
3. Move DPA-lever (23 a) until damping pad touches glass. Do not exceed 45 mark on lever. Break the square and reset breaking knob immediately.



4. Reset DPA-lever to position shown in figure, support scoring shaft with the right hand while raising clamping head. Push in scoring shaft.

5. Push rear glass holder backwards while removing the two glass pieces by means of fork. (Peel off tape.)



1. Fork used to remove the glass knives from the apparatus
2. Locking lever
3. Shaft
4. Adjusting sleeve for (8)
5. Bracket
6. Set screw for (4)
7. Cover screw for (6)
8. Clamping head
9. Locking screw for (28)
10. Support studs
11. Locking screw for (12)
12. Rear dial
13. Score selector
14. Cover plate
- 14a. Dot (marking 200 mm strip length)
15. Scoring shaft with cutter wheel
16. Support plate for glass strip
17. Locking knob for (21)
18. Breaking knob
19. Operation Instructions
20. Angle setting plate
21. Guide plate
22. Front glass holder
- 22a. Guiding rings
23. Locking screw for (22)
- 23a. DPA-lever (lever for Damping Pressure Adjustment)
- 23b. Damping pad
24. Locking screw for (25)
25. Front dial
26. Breaking pins
27. Centre line
28. Rear glass holder
29. Arresting stud for 25 mm glass strips width
- 29a. Arresting stud for 38 mm glass strips width
30. Foundation block (silumin-gamma)
31. Disengage knob

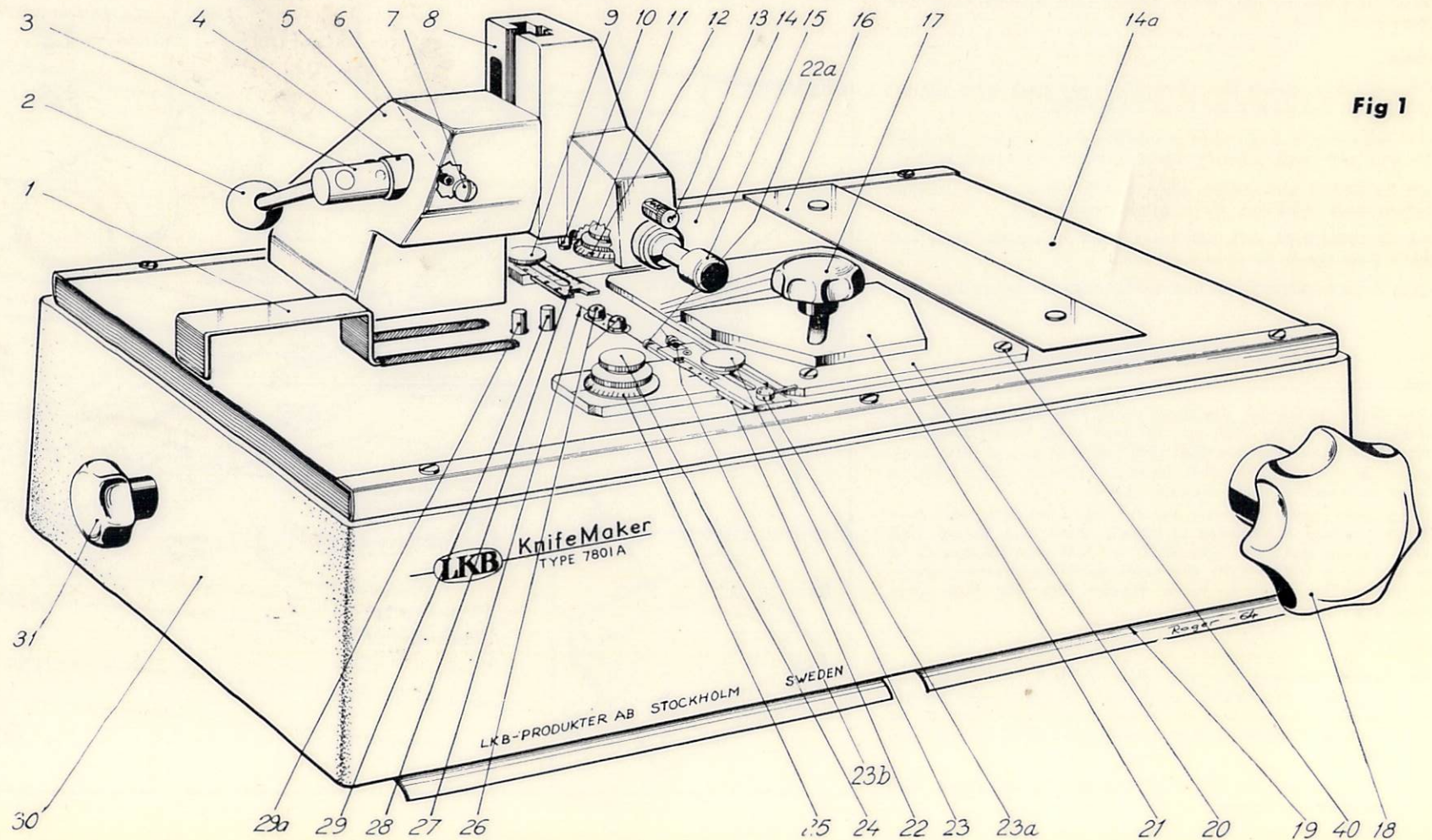


Fig 1