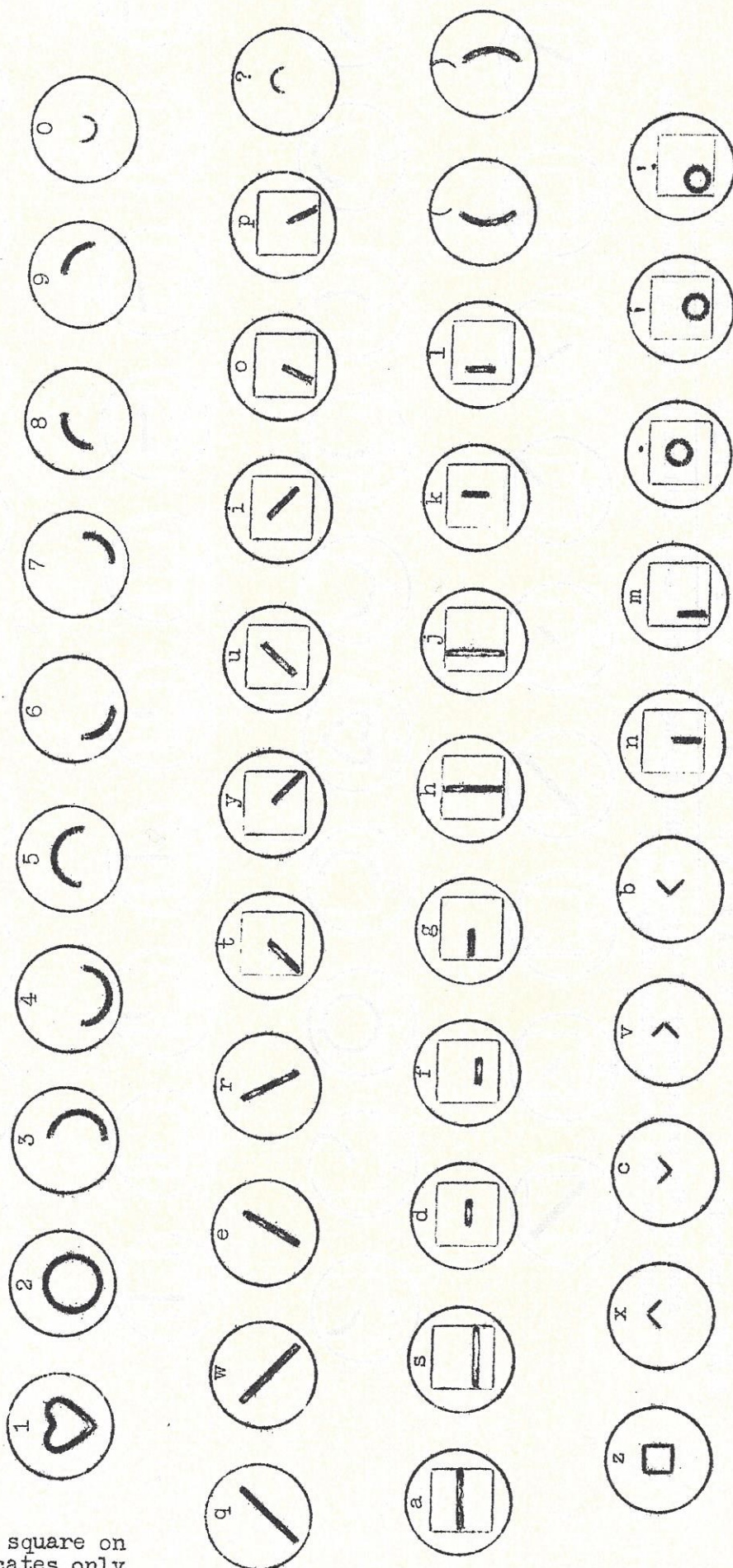




DRAWING OF A TYPEWRITER KEYBOARD

showing the arrangement of keys for the typing of the usual letters of the alphabet plus the typing of various lines for the composition of symbols



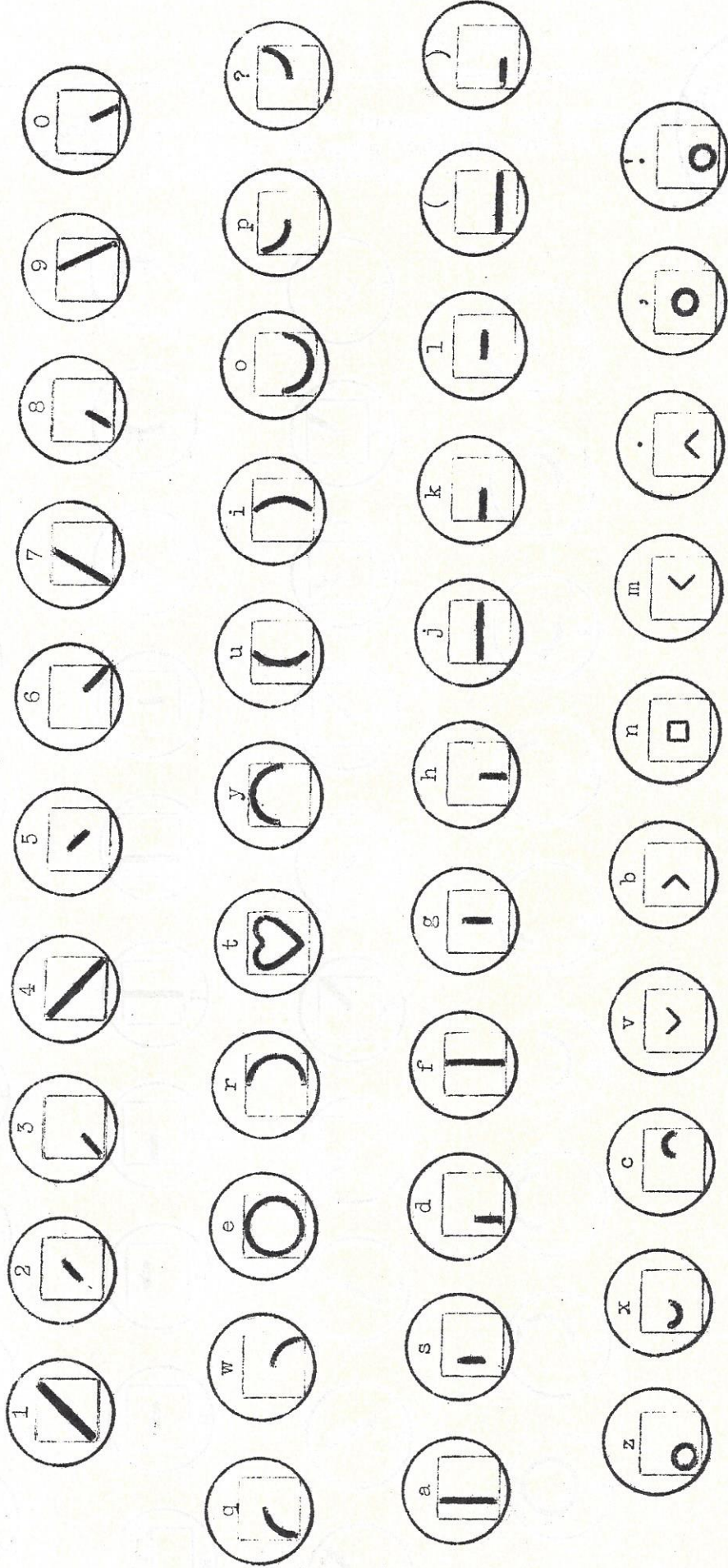
The thin-lined square on some keys, indicates only the position of the typed line in regard to the available typing space.

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DRAWING ON A TYPEWRITER KEYBOARD

(2)

showing the arrangement of keys for the typing of the usual letters of the alphabet, etc., plus the typing of various lines for the composition of symbols.



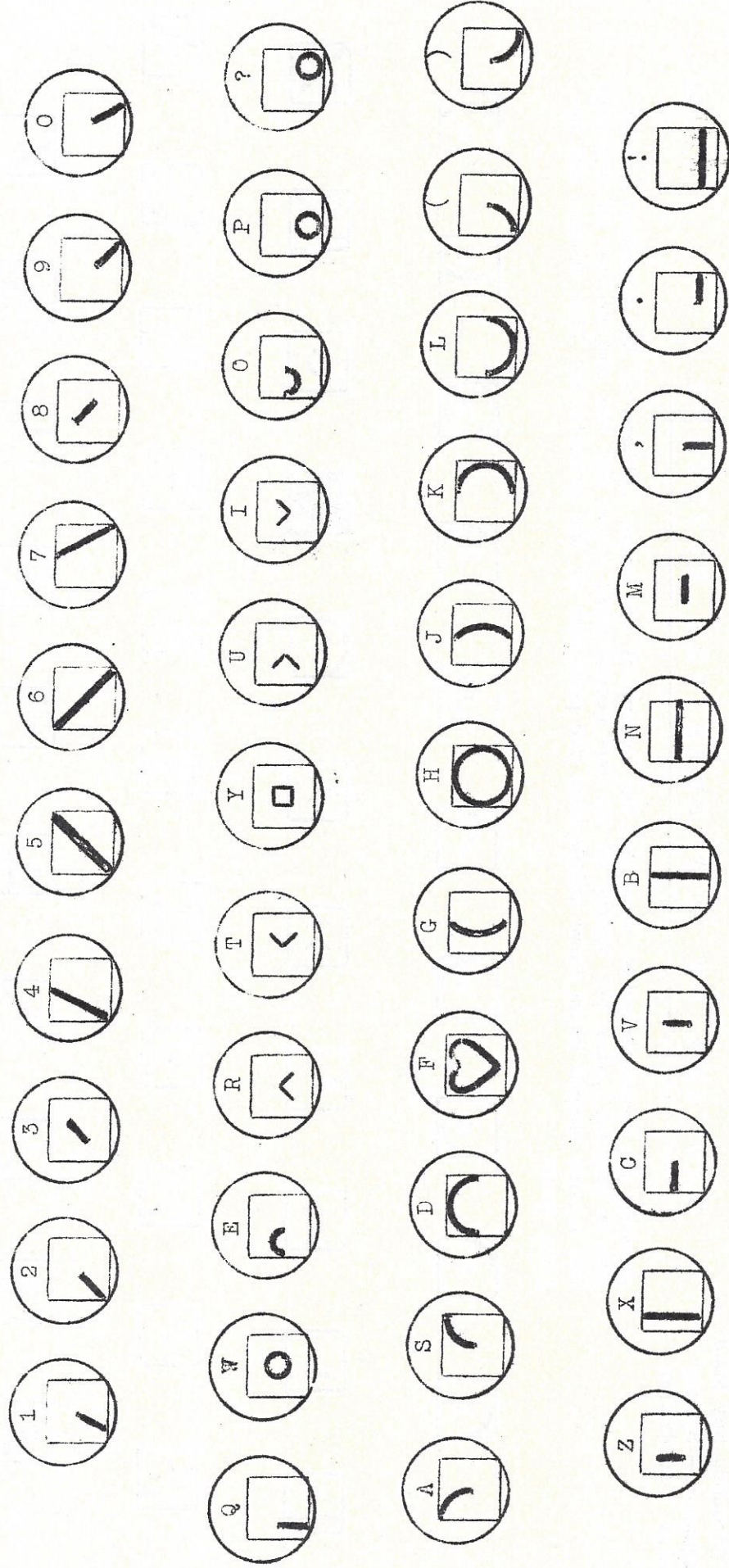
The thinly lined squares shown on the keys do not show up on the paper. They indicate only the position of the straight or curved geometrical line with regard to the available typing space. By shifting the cylinder, the geometrical line may be typed in another part of the square space. The various geometrical lines may be placed on the keys in a different manner as shown above.

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DRAWING ON A TYPEWRITER KEYBOARD

(3)

showing the arrangement of keys for the typing of the usual letters of the alphabet, etc., plus the typing of various lines for the composition of symbols.



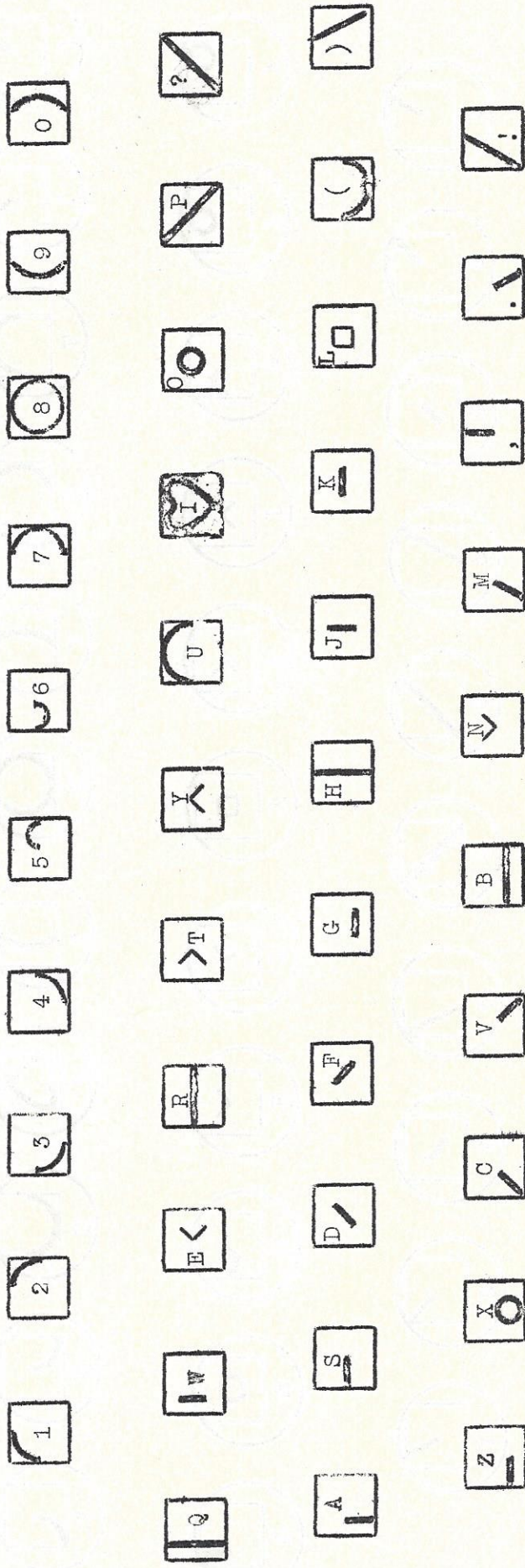
The thinly lined squares on the keys do not show up on paper. They indicate only the position of the straight or curved geometrical line with regard to the available square typing space. To type the geometrical line in another part of the typing space, it is only necessary to shift the cylinder in the desired position. The position of the geometrical lines with regard to the keys may be changed. Letters may be small and/or capital letters.

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DRAWING ON A TYPEWRITER KEYBOARD

(4)

showing the arrangement of keys for the typing of the usual letters of the alphabet (small and/or capital), plus the typing of various geometrical lines for the composition of symbols. The square shaped keys (shown below) show the position of the geometrical line within the typing space

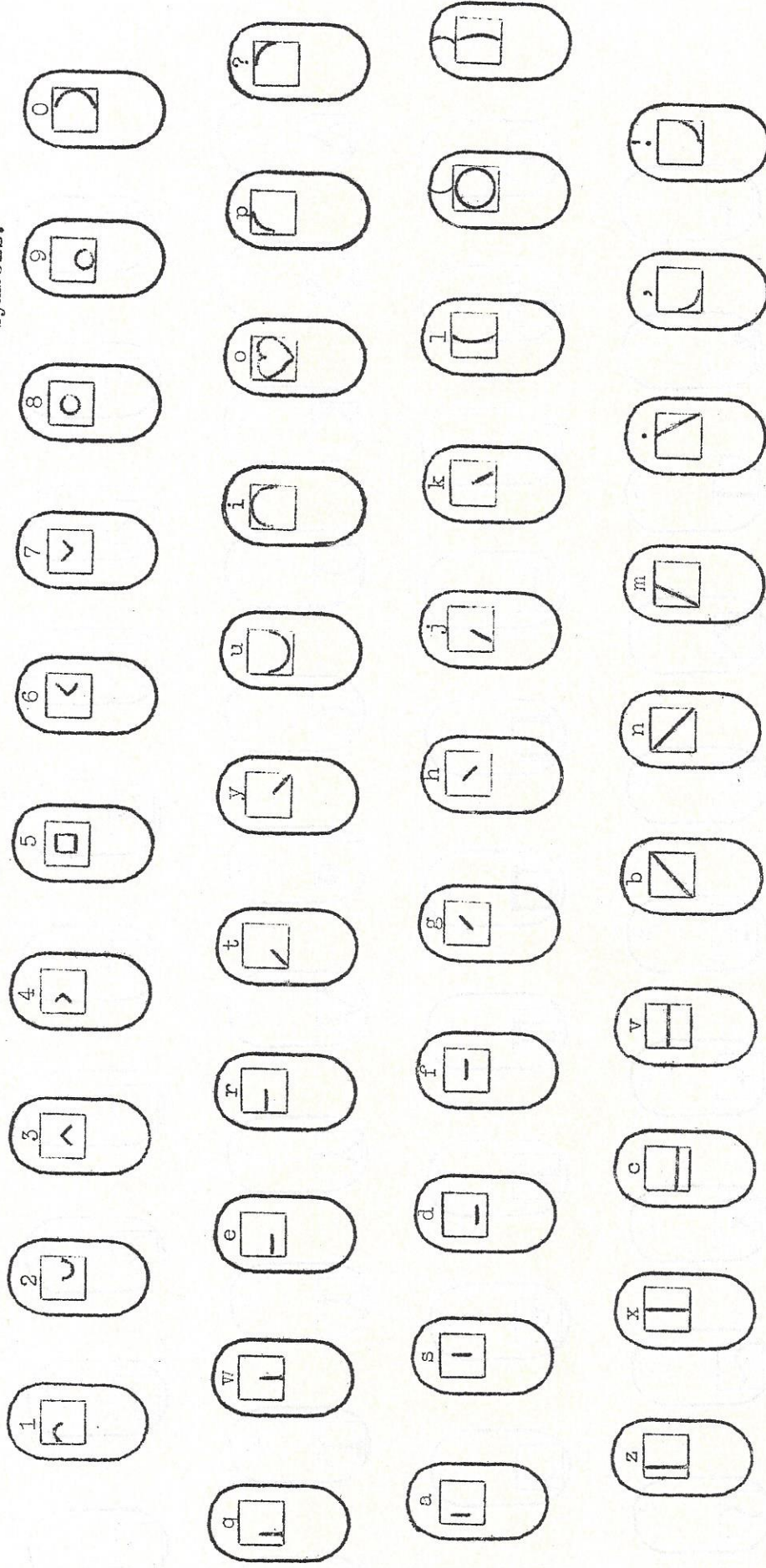


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DRAWING ON A TYPEWRITER KEYBOARD

(5)

showing the arrangement of keys for the typing of the usual letters of the alphabet, numbers, etc., plus the typing of various geometrical lines for the composition of symbols.



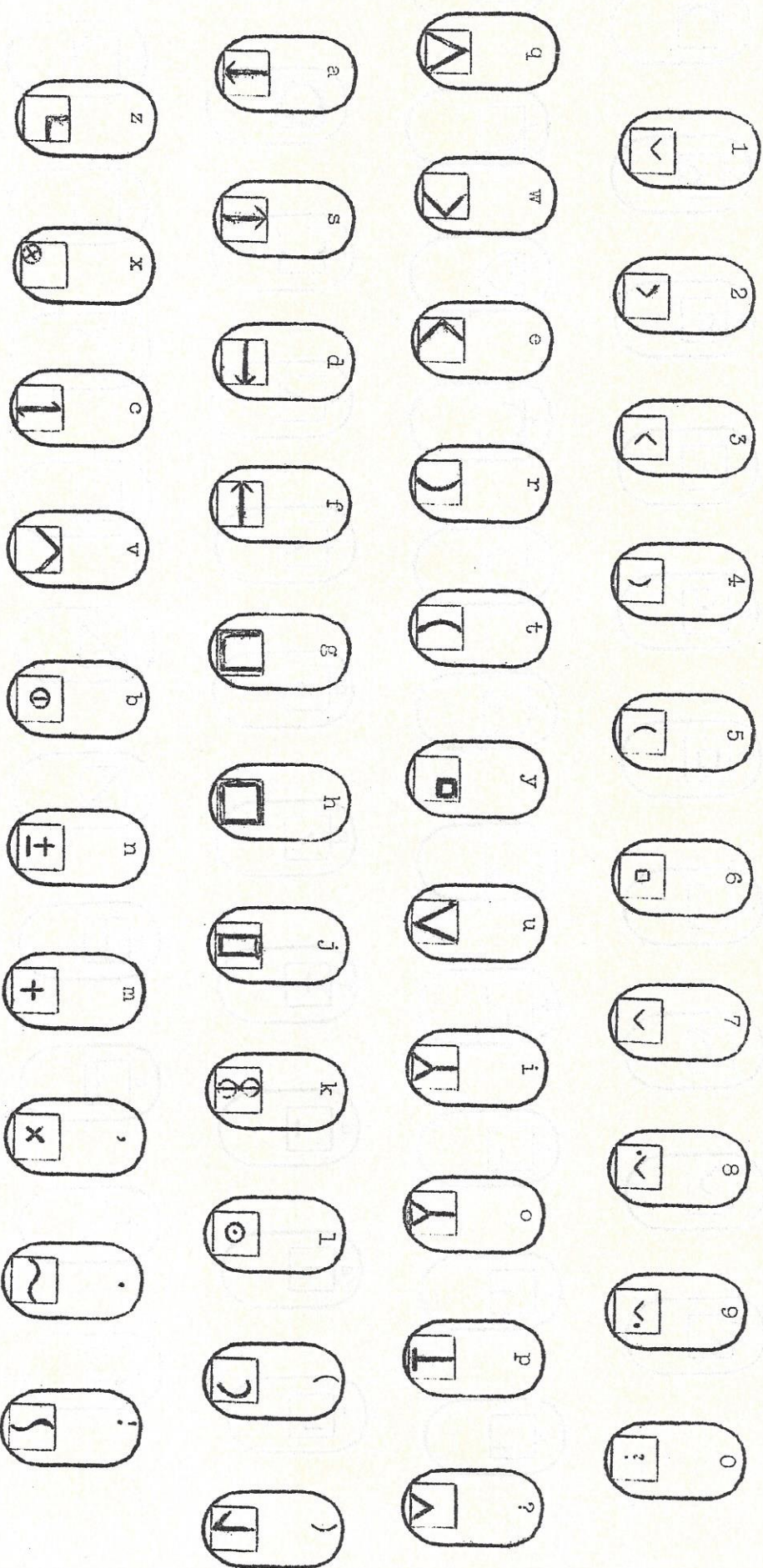
The thinly lined squares on the keys do not show up on the paper. They indicate only the position of the geometrical lines with regard to the available square typing space. By shifting the cylinder the geometrical lines may be typed in different parts of the typing space. Instead of circular keys, oval shaped ones, as shown above, may be used. The lower empty space on the keys may be used to carry other symbol lines on a typewriter with two shifts, each hammer carrying 3 types.

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D R A W I N G O N A T Y P E W R I T T E R K E Y B O A R D

(6)

showing the arrangement of keys for the typing of the alphabet, numbers, etc, plus the typing of various composite symbols, placed on the second shift of the hammers.

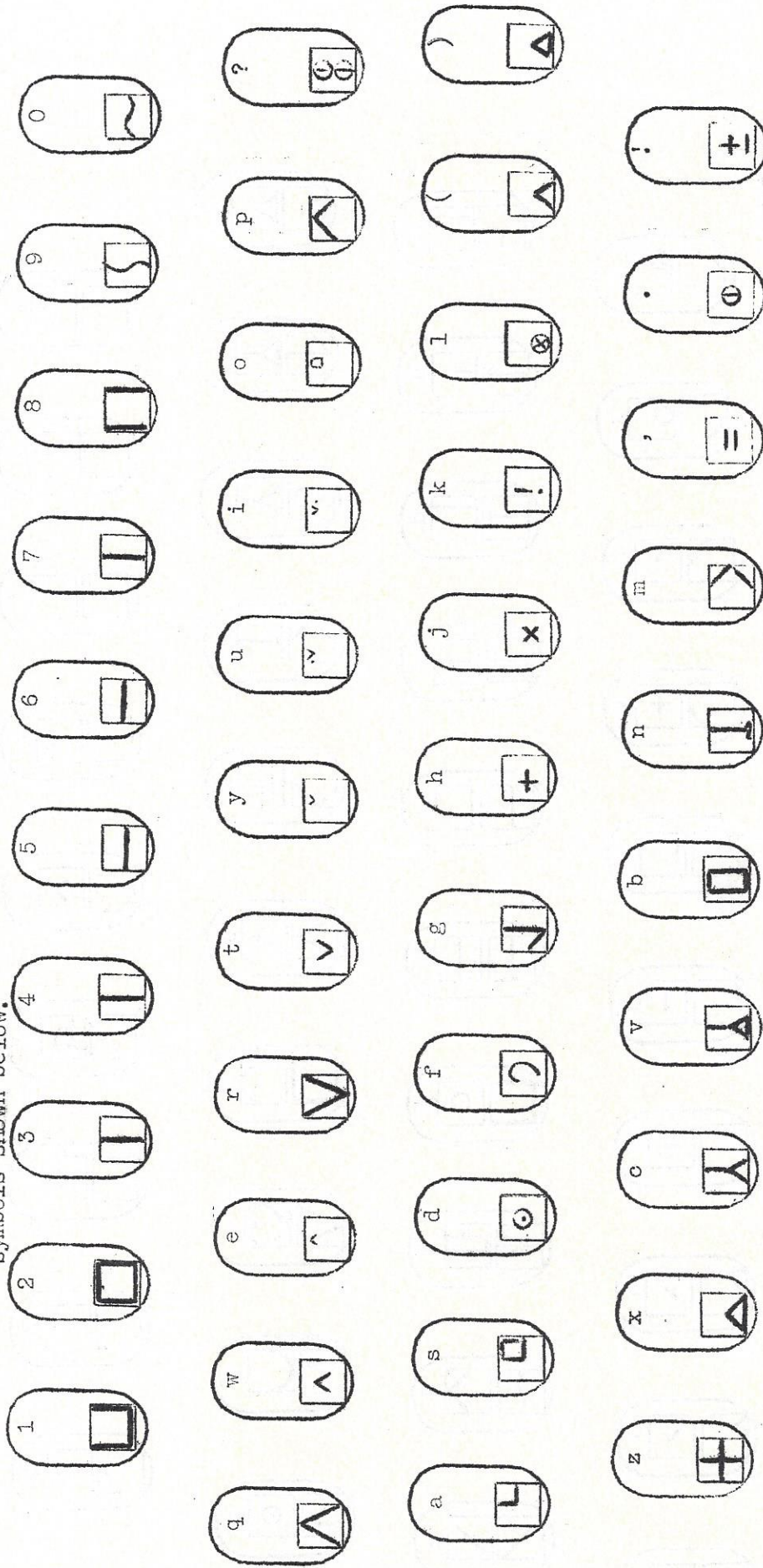


The thinly lined squares do not show up on paper, when typed. They indicate only the position of the geometrical symbol lines with regard to the available square typing space. Shifting of the cylinder will bring the symbol lines into a different part of the typing space. The geometrical symbol lines may be arranged on different keys. In the above drawing, showing a keyboard for a two shift typewriter, each hammer carrying 3 types, the first shift lines are omitted, only the composite symbols are shown.

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DRAWING ON A TYPEWRITER KEYBOARD (7)

showing the arrangement on a two shift typewriter (each hammer carrying three types, for the typing of the usual letters of the alphabet, numbers, etc., plus the typing of geometrical lines for the composition of symbols (omitted here) plus the typing of various composite symbols shown below.



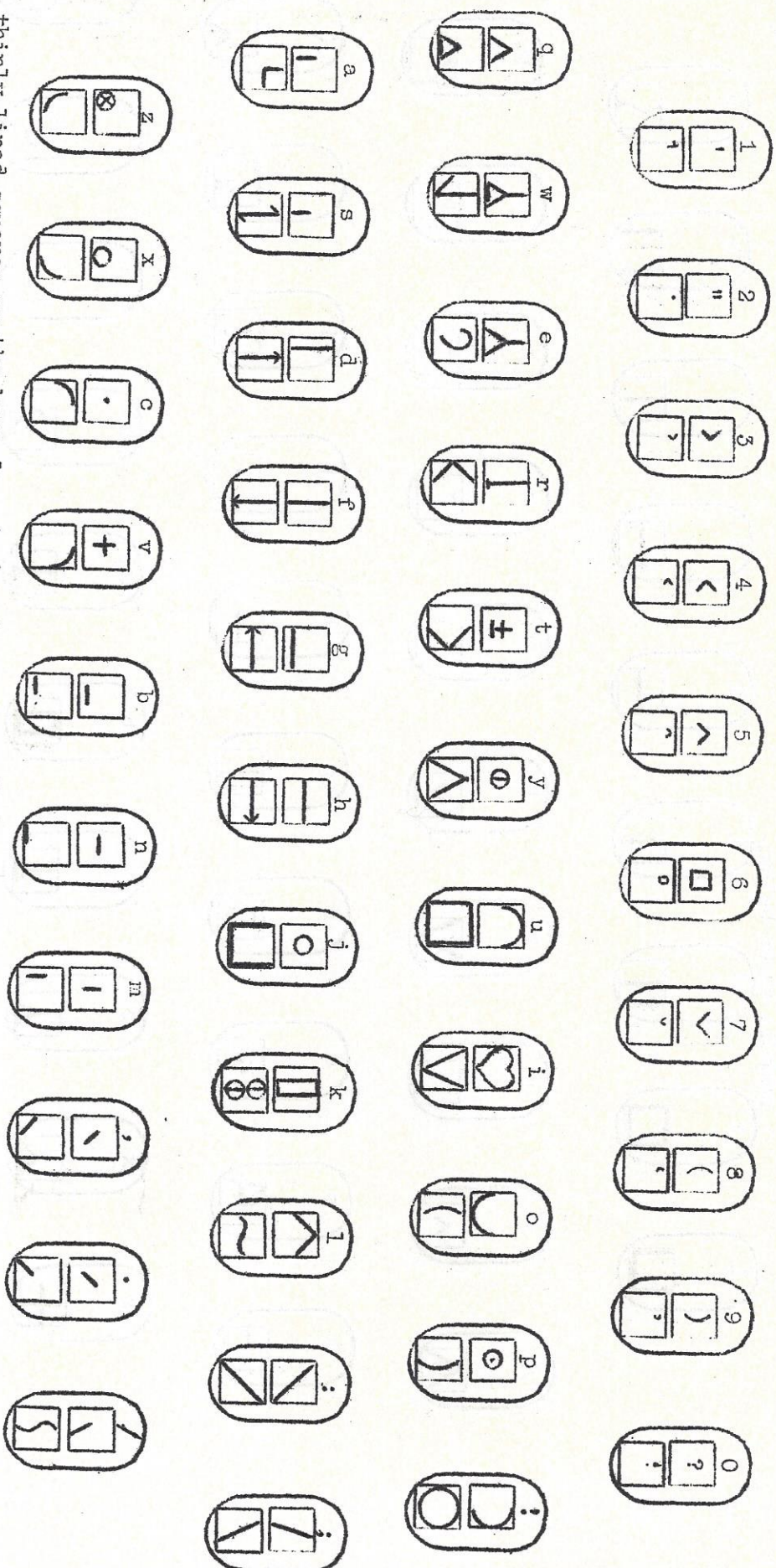
The thinly lined squares on the keys do not show up on paper. They indicate only the position of the geometrical lines with regard to the available typing space, which is a square. Shifting of the cylinder brings the geometrical line into a different position. The above geometrical lines may be arranged on different keys. The first shift geometrical lines (not shown above) may be arranged in various ways. Instead of oval shaped keys, circular or square ones may be employed.

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D R A W I N G O N A T Y P E W R I T T E R K E Y B O A R D

(8)

showing the arrangement of keys on a two shift keyboard, (each hammer carrying 3 types), for the typing of the usual letters of the alphabet, numbers, etc., plus the typing of geometrical lines for the composition of symbols, as well as the typing of composite symbols (on the second shift).



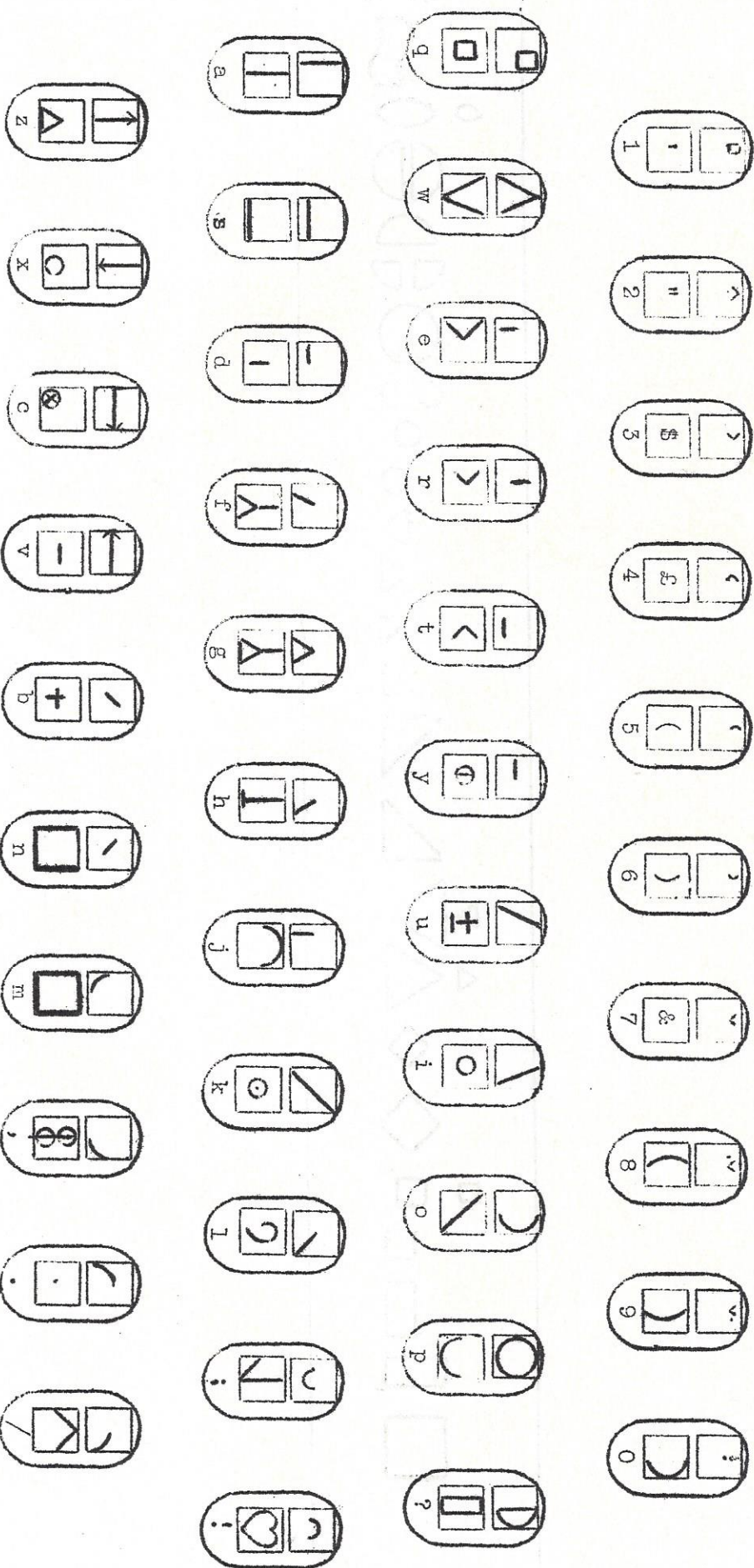
The thinly lined squares on the keys do not show up on paper. They indicate only the position of the geometrical lines with regard to the available typing space, which is a square. Shifting of the cylinder brings the lines or symbols into different parts of the typing space. Lines and symbols may be arranged differently, as well as circular or square keys employed.

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D R A W I N G O N A T Y P E W R I T E R K E Y B O A R D

(9)

showing the arrangement of the keys on a two shift typewriter (each hammer carrying 3 types),
for the typing of the usual letters of the alphabet, numbers, etc. plus the typing of geometrical
lines for the composition of symbols (first shift) and the typing of composite symbols (second shift).



The thinly lined squares on the keys do not show up on paper. They indicate only the position of the geometrical lines with regard to the available typing space, which is a square. Shifting of the cylindrical lin into another part of the square space. Lines and symbols may be arranged differently, as well as circular or square shaped keys may be employed.

D R A W I N G O F A S T E N C I L