

# STANDARD ALPHABETS FOR HIGHWAY SIGNS

APPROVED BY

AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIALS

INSTITUTE OF TRAFFIC ENGINEERS

NATIONAL COMMITTEE ON UNIFORM TRAFFIC  
LAWS AND ORDINANCES

DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS

1928

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## STANDARD ALPHABETS FOR HIGHWAY SIGNS

These Standard Alphabets for Highway Signs have been designed by the U. S. Public Roads Administration at the request of the Joint Committee on Uniform Traffic Control Devices, and have been approved by that committee and its constituent agencies, the American Association of State Highway Officials, the Institute of Traffic Engineers, and the National Conference on Street and Highway Safety. They are intended to replace the old "Joint Board" alphabets published nearly 20 years ago when highway signs were first standardized on a national basis. The new "rounded" style has a more pleasing appearance than the old, and extensive tests have shown it to be consistently more legible.

It is not expected that the new letters and numerals will at once displace the old. Existing highway signs, it is assumed, will not ordinarily be scrapped until the end of their normal life, though there may be desirable exceptions as, for example, where two signs are mounted so closely adjacent that a contrast in letter style would be objectionable.

In individual widths, the new letters and numerals closely approximate the old, so that they are easily interchangeable with the old in standard sign designs.

Most highway departments and sign manufacturers will find it desirable to make up a set of templates of fiber or light metal to simplify the laying out of signs. The letters and numerals may be reproduced in any desired size by following the table of dimensions carried on each sheet of the drawings (or by adjusting dimensions proportionally for sizes not shown), or by a photographic enlargement or reduction of drawings of any size. It is not recommended, however, that photographic enlargements be made from the small printed drawings, which will be found to vary slightly in dimensional accuracy.

Although the new letters and numerals are not quite as simply designed as the more mechanical, rectangular characters of the old Joint Board standards, they are not difficult to reproduce on the drawing board. To facilitate the laying out of different sizes, the detailed dimensions are shown only in a letter code referring to the tabulation at the bottom of each sheet. Tangents, major arcs, and certain indicated control points are laid down first, followed by the connecting arcs of shorter radius. Two circumstances must be noted:

1. Under certain conditions the radii of connecting arcs cannot be given precisely. In these cases there is only one possible arc that can fit accurately to all controlling points. The dimension given on the drawing is a close approximation, but the draftsman may have to make a slight adjustment to achieve a perfect fit. This applies especially to the large letters, since the dimensions in the tables were generally derived from measurements on smaller drawings.

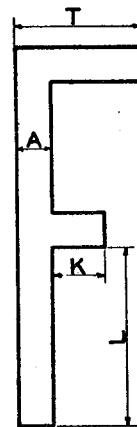
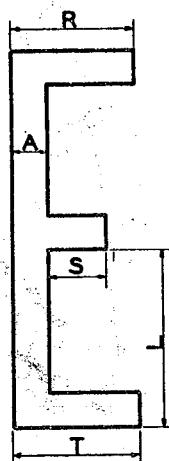
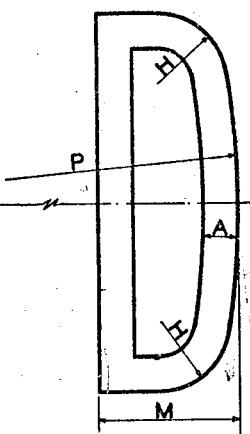
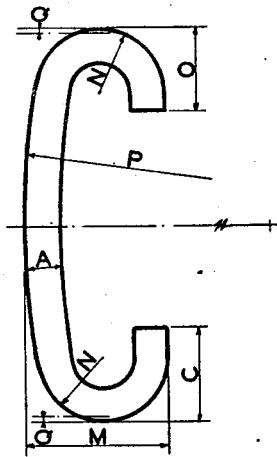
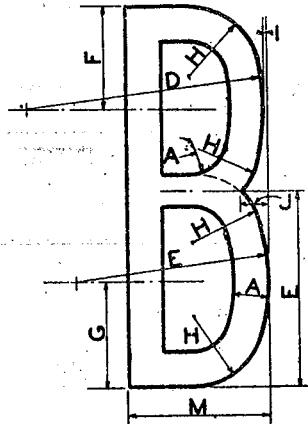
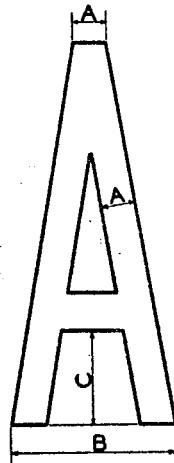
2. For similar reasons, it is not practical to show the exact centers of all arcs. Centers are invariably indicated for the controlling arcs. For others the draftsman must set his compasses and find the center by experiment.

The stroke-width of the letters and numerals is uniform throughout any size and series of alphabet, except where otherwise definitely indicated.

All characters having an arc at top or bottom are extended slightly above or below the line of the other letters. This is in accord with accepted practice for rounded letters.

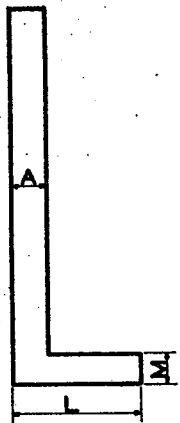
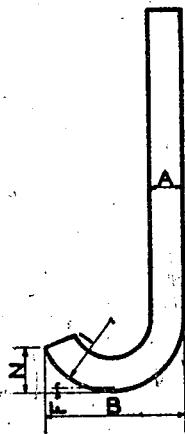
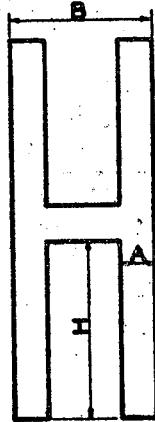
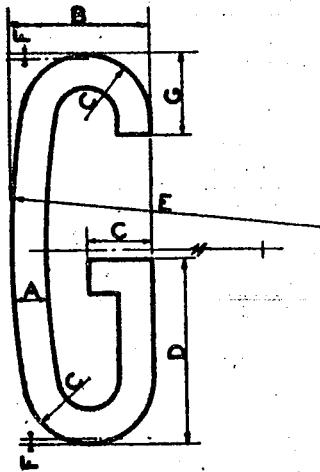
If the design of any particular letter or numeral in a given size is incompatible with any manufacturing process, necessary modifications may be made within reasonable limits. For example, the height or length of a horizontal member may have to be adjusted slightly to permit a satisfactory arrangement of reflector buttons, or to provide necessary clearance for embossing dies.

December 1945



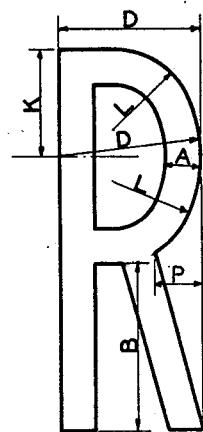
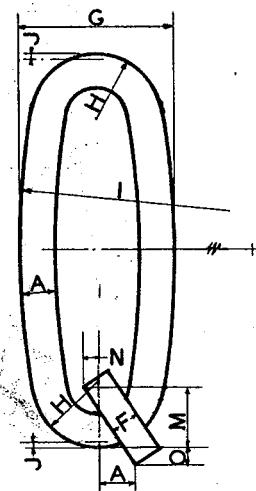
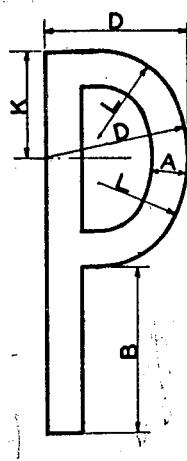
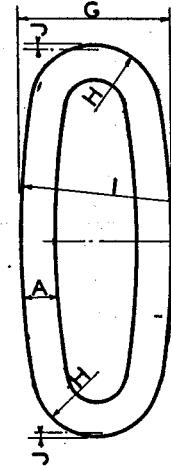
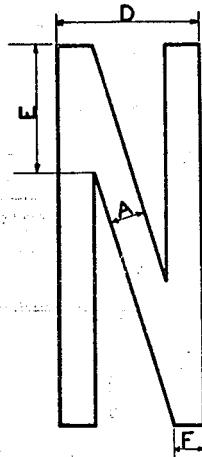
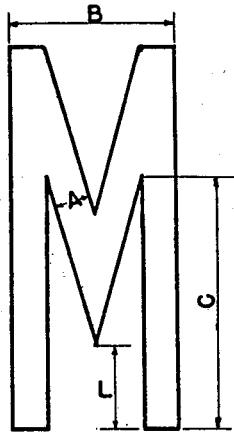
## SERIES A LETTERS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                 |                |                 |                  |                  |                  |                 |                 |                 |                  |                  |                 |                  |                  |                 |                  |                  |                  |                  |
|--------------------|---------------------|-----------------|----------------|-----------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|------------------|------------------|-----------------|------------------|------------------|-----------------|------------------|------------------|------------------|------------------|
|                    | A                   | B               | C              | D               | E                | F                | G                | H               | I               | J               | K                | L                | M               | N                | O                | P               | Q                | R                | S                | T                |
| 2                  | $\frac{7}{16}$      | $\frac{7}{8}$   | $\frac{1}{2}$  | $1\frac{1}{4}$  | $1\frac{1}{32}$  | $1\frac{17}{32}$ | $\frac{9}{16}$   | $\frac{3}{8}$   | $\frac{1}{64}$  | $\frac{9}{32}$  | $\frac{1}{16}$   | $\frac{3}{2}$    | $\frac{11}{32}$ | $\frac{7}{16}$   | $4\frac{1}{2}$   | $\frac{31}{32}$ | $2\frac{1}{16}$  | $\frac{5}{16}$   | $4\frac{3}{32}$  |                  |
| 3                  | $\frac{9}{32}$      | $1\frac{5}{16}$ | $\frac{3}{4}$  | $1\frac{7}{8}$  | $1\frac{35}{64}$ | $1\frac{63}{64}$ | $\frac{27}{16}$  | $\frac{9}{16}$  | $\frac{1}{64}$  | $\frac{13}{64}$ | $\frac{63}{64}$  | $\frac{13}{32}$  | $1\frac{1}{16}$ | $\frac{31}{64}$  | $\frac{31}{32}$  | $6\frac{1}{4}$  | $\frac{63}{64}$  | $8\frac{1}{2}$   | $15\frac{3}{32}$ | 1                |
| 4                  | $\frac{5}{8}$       | $1\frac{1}{2}$  | 1              | $2\frac{1}{2}$  | $2\frac{1}{16}$  | $1\frac{15}{16}$ | $1\frac{1}{8}$   | $\frac{3}{4}$   | $\frac{31}{32}$ | $\frac{9}{32}$  | $\frac{9}{16}$   | $1\frac{1}{8}$   | $1\frac{1}{2}$  | $\frac{11}{16}$  | $\frac{7}{8}$    | 9               | $\frac{13}{16}$  | $1\frac{1}{16}$  | $\frac{5}{8}$    | $1\frac{1}{32}$  |
| 5                  | $\frac{15}{32}$     | $2\frac{3}{16}$ | $1\frac{1}{4}$ | $3\frac{1}{8}$  | $2\frac{37}{64}$ | $1\frac{61}{64}$ | $1\frac{3}{32}$  | $1\frac{5}{16}$ | $\frac{31}{32}$ | $\frac{11}{32}$ | $\frac{25}{64}$  | $2\frac{11}{32}$ | $1\frac{7}{8}$  | $\frac{25}{64}$  | $1\frac{3}{32}$  | $11\frac{1}{4}$ | $\frac{5}{64}$   | $1\frac{1}{64}$  | $3\frac{1}{32}$  | $1\frac{1}{32}$  |
| 6                  | $\frac{7}{16}$      | $2\frac{5}{8}$  | $1\frac{1}{2}$ | $3\frac{1}{2}$  | $3\frac{3}{32}$  | $1\frac{15}{32}$ | $1\frac{15}{16}$ | $1\frac{1}{8}$  | $\frac{1}{64}$  | $\frac{27}{64}$ | $\frac{9}{32}$   | $2\frac{13}{16}$ | $2\frac{1}{4}$  | $1\frac{31}{32}$ | $1\frac{1}{16}$  | $13\frac{1}{2}$ | $\frac{3}{32}$   | $1\frac{3}{32}$  | $15\frac{1}{16}$ | $2\frac{1}{32}$  |
| 7                  | $\frac{31}{32}$     | $3\frac{1}{16}$ | $1\frac{3}{4}$ | $4\frac{3}{8}$  | $3\frac{39}{64}$ | $1\frac{55}{64}$ | $1\frac{31}{32}$ | $1\frac{1}{16}$ | $\frac{3}{64}$  | $\frac{31}{64}$ | $\frac{63}{64}$  | $3\frac{9}{32}$  | $2\frac{5}{8}$  | $1\frac{13}{64}$ | $1\frac{31}{32}$ | $15\frac{3}{4}$ | $\frac{7}{64}$   | $2\frac{19}{32}$ | $1\frac{3}{32}$  | $2\frac{11}{32}$ |
| 8                  | $\frac{7}{4}$       | $3\frac{1}{2}$  | 2              | 5               | $4\frac{1}{8}$   | $2\frac{1}{2}$   | $2\frac{1}{4}$   | $1\frac{1}{2}$  | $\frac{7}{16}$  | $\frac{9}{16}$  | $1\frac{1}{8}$   | $3\frac{3}{4}$   | 3               | $1\frac{3}{8}$   | $1\frac{3}{4}$   | 18              | $\frac{1}{8}$    | $2\frac{5}{8}$   | $1\frac{1}{4}$   | $2\frac{11}{32}$ |
| 12                 | $1\frac{1}{8}$      | $5\frac{1}{4}$  | 3              | $7\frac{1}{2}$  | $6\frac{3}{8}$   | $3\frac{3}{16}$  | $2\frac{1}{2}$   | $\frac{3}{32}$  | $\frac{27}{32}$ | $\frac{1}{16}$  | $5\frac{5}{8}$   | $4\frac{1}{2}$   | $2\frac{1}{16}$ | $2\frac{5}{8}$   | 27               | $\frac{7}{16}$  | $3\frac{15}{16}$ | $1\frac{7}{8}$   | $4\frac{3}{32}$  |                  |
| 18                 | $1\frac{11}{16}$    | $7\frac{7}{8}$  | $4\frac{1}{2}$ | $11\frac{1}{4}$ | $9\frac{9}{32}$  | $4\frac{53}{64}$ | $5\frac{15}{16}$ | $3\frac{3}{8}$  | $\frac{1}{8}$   | $1\frac{1}{4}$  | $2\frac{11}{32}$ | $6\frac{7}{16}$  | $6\frac{1}{4}$  | $3\frac{31}{32}$ | $3\frac{13}{16}$ | $40\frac{1}{2}$ | $\frac{9}{8}$    | $5\frac{29}{32}$ | $2\frac{13}{16}$ | $6\frac{1}{16}$  |



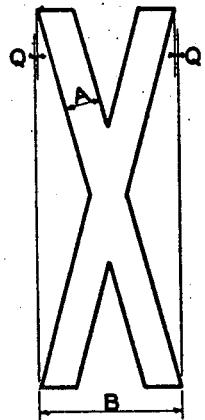
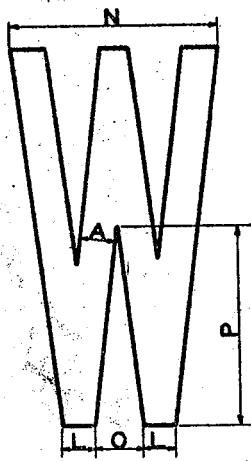
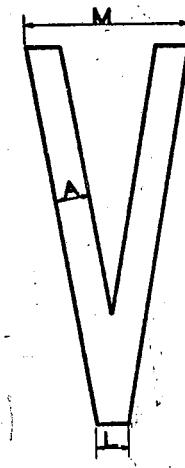
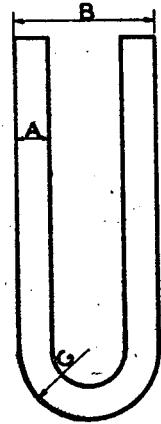
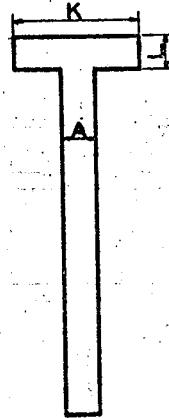
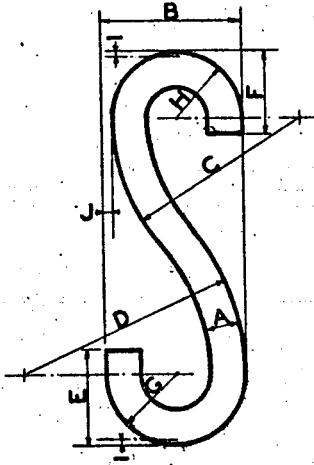
## SERIES A LETTERS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                |                 |                  |                 |                |                  |                  |                  |                  |                  |                  |                 |                 |               |
|--------------------|---------------------|----------------|-----------------|------------------|-----------------|----------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|---------------|
|                    | A                   | B              | C               | D                | E               | F              | G                | H                | I                | J                | K                | L                | M               | N               |               |
| 2                  | $\frac{7}{16}$      | $\frac{3}{4}$  | $\frac{11}{32}$ | $\frac{31}{32}$  | $4\frac{1}{2}$  | $\frac{3}{32}$ | $\frac{7}{16}$   | $\frac{15}{16}$  | $\frac{23}{32}$  | $\frac{13}{16}$  | $\frac{21}{32}$  | $\frac{11}{16}$  | $\frac{11}{32}$ | $\frac{11}{64}$ | $\frac{1}{4}$ |
| 3                  | $\frac{9}{32}$      | $1\frac{1}{8}$ | $\frac{21}{32}$ | $1\frac{23}{32}$ | $6\frac{3}{4}$  | $\frac{3}{32}$ | $\frac{25}{32}$  | $1\frac{13}{32}$ | $\frac{27}{32}$  | $1\frac{1}{8}$   | $1\frac{13}{32}$ | $1\frac{1}{16}$  | $1$             | $\frac{1}{4}$   | $\frac{3}{8}$ |
| 4                  | $\frac{3}{8}$       | $1\frac{1}{2}$ | $\frac{11}{16}$ | $1\frac{15}{16}$ | $9$             | $\frac{1}{16}$ | $\frac{7}{8}$    | $1\frac{1}{16}$  | $\frac{25}{32}$  | $1\frac{1}{16}$  | $\frac{21}{32}$  | $1\frac{1}{16}$  | $1\frac{1}{32}$ | $\frac{11}{32}$ | $\frac{1}{2}$ |
| 5                  | $\frac{15}{32}$     | $1\frac{1}{8}$ | $\frac{21}{32}$ | $2\frac{23}{32}$ | $11\frac{1}{4}$ | $\frac{3}{32}$ | $1\frac{13}{32}$ | $2\frac{13}{32}$ | $\frac{31}{32}$  | $1\frac{1}{16}$  | $2\frac{13}{32}$ | $1\frac{1}{16}$  | $\frac{43}{64}$ | $\frac{27}{64}$ | $\frac{5}{8}$ |
| 6                  | $\frac{9}{16}$      | $2\frac{1}{4}$ | $1\frac{1}{32}$ | $2\frac{23}{32}$ | $13\frac{1}{2}$ | $\frac{3}{32}$ | $1\frac{1}{16}$  | $2\frac{13}{32}$ | $1\frac{1}{16}$  | $2\frac{23}{32}$ | $2\frac{7}{16}$  | $2\frac{23}{32}$ | $\frac{21}{32}$ | $\frac{3}{4}$   |               |
| 7                  | $\frac{21}{32}$     | $2\frac{3}{8}$ | $1\frac{1}{64}$ | $3\frac{23}{32}$ | $15\frac{1}{4}$ | $\frac{3}{32}$ | $1\frac{13}{32}$ | $3\frac{3}{32}$  | $1\frac{1}{16}$  | $2\frac{23}{32}$ | $2\frac{7}{16}$  | $2\frac{23}{32}$ | $\frac{21}{32}$ | $\frac{7}{8}$   |               |
| 8                  | $\frac{3}{4}$       | 3              | $1\frac{1}{8}$  | $3\frac{7}{8}$   | 16              | $\frac{1}{8}$  | $1\frac{1}{4}$   | $3\frac{3}{4}$   | $1\frac{1}{8}$   | $2\frac{7}{16}$  | $3\frac{1}{4}$   | $2\frac{11}{16}$ | $\frac{11}{16}$ | 1               |               |
| 12                 | $1\frac{1}{8}$      | $4\frac{1}{2}$ | $2\frac{1}{16}$ | $5\frac{15}{16}$ | 27              | $\frac{1}{16}$ | $2\frac{23}{32}$ | $5\frac{3}{8}$   | $2\frac{23}{32}$ | $4\frac{1}{8}$   | $4\frac{7}{16}$  | $4\frac{3}{2}$   | $1\frac{1}{32}$ | $1\frac{1}{2}$  |               |
| 18                 | $1\frac{1}{16}$     | $6\frac{3}{4}$ | $3\frac{3}{32}$ | $6\frac{23}{32}$ | $40\frac{1}{2}$ | $\frac{3}{32}$ | $3\frac{13}{16}$ | $6\frac{7}{8}$   | $3\frac{33}{32}$ | $6\frac{15}{16}$ | $7\frac{7}{16}$  | $6\frac{15}{16}$ | $1\frac{1}{16}$ | $2\frac{1}{4}$  |               |



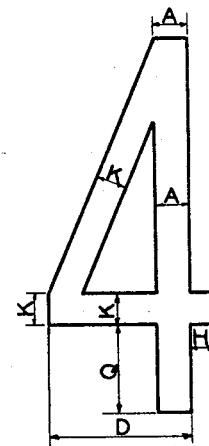
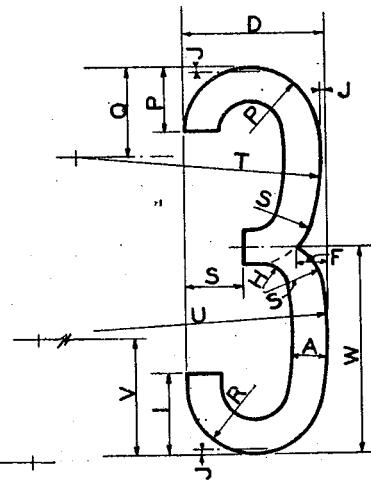
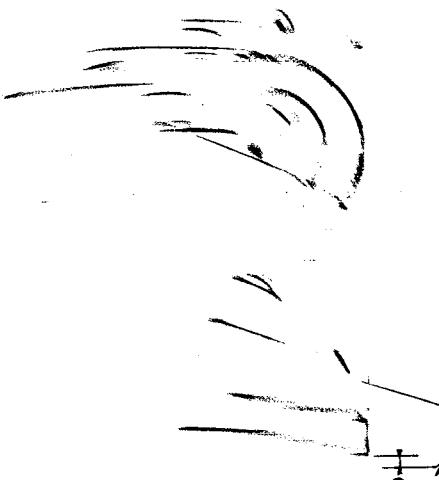
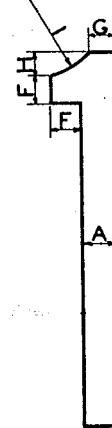
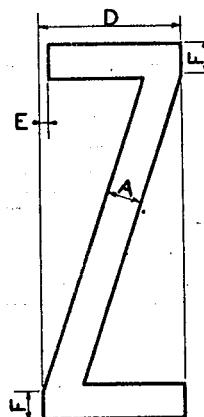
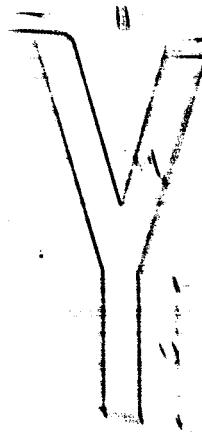
## SERIES A LETTERS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                 |                   |                 |                  |                 |                  |                  |                 |                |                  |                  |                  |                  |                 |                |
|--------------------|---------------------|-----------------|-------------------|-----------------|------------------|-----------------|------------------|------------------|-----------------|----------------|------------------|------------------|------------------|------------------|-----------------|----------------|
|                    | A                   | B               | C                 | D               | E                | F               | G                | H                | I               | J              | K                | L                | M                | N                | O               | P              |
| 2                  | $\frac{3}{16}$      | $\frac{7}{8}$   | $1\frac{5}{16}$   | $\frac{3}{4}$   | $\frac{21}{32}$  | $\frac{5}{32}$  | $\frac{13}{16}$  | $\frac{11}{32}$  | $4\frac{1}{2}$  | $\frac{1}{32}$ | $\frac{9}{16}$   | $\frac{7}{16}$   | $\frac{5}{16}$   | $\frac{64}{5}$   | $\frac{3}{32}$  | $\frac{1}{4}$  |
| 3                  | $\frac{9}{32}$      | $1\frac{1}{16}$ | $1\frac{31}{32}$  | $1\frac{1}{8}$  | $\frac{63}{64}$  | $\frac{15}{64}$ | $1\frac{7}{32}$  | $\frac{23}{64}$  | $6\frac{3}{4}$  | $\frac{3}{64}$ | $2\frac{7}{32}$  | $2\frac{1}{32}$  | $\frac{15}{64}$  | $\frac{7}{64}$   | $\frac{9}{64}$  | $\frac{3}{8}$  |
| 4                  | $\frac{7}{32}$      | $1\frac{3}{4}$  | $2\frac{5}{8}$    | $1\frac{1}{2}$  | $1\frac{1}{16}$  | $\frac{5}{16}$  | $1\frac{1}{8}$   | $\frac{11}{16}$  | $9$             | $\frac{1}{16}$ | $1\frac{1}{8}$   | $\frac{7}{8}$    | $\frac{5}{16}$   | $\frac{5}{32}$   | $\frac{3}{15}$  | $\frac{1}{2}$  |
| 5                  | $\frac{15}{32}$     | $2\frac{3}{16}$ | $3\frac{9}{32}$   | $1\frac{7}{16}$ | $1\frac{21}{64}$ | $\frac{25}{64}$ | $2\frac{27}{32}$ | $\frac{55}{64}$  | $11\frac{1}{4}$ | $\frac{5}{64}$ | $1\frac{13}{32}$ | $1\frac{3}{32}$  | $\frac{25}{64}$  | $\frac{3}{16}$   | $\frac{64}{5}$  | $\frac{5}{8}$  |
| 6                  | $\frac{9}{16}$      | $2\frac{3}{8}$  | $3\frac{15}{32}$  | $2\frac{1}{2}$  | $1\frac{31}{32}$ | $\frac{31}{32}$ | $2\frac{7}{16}$  | $1\frac{1}{32}$  | $13\frac{1}{2}$ | $\frac{3}{32}$ | $1\frac{1}{16}$  | $1\frac{5}{16}$  | $\frac{15}{16}$  | $\frac{64}{5}$   | $\frac{9}{32}$  | $\frac{3}{4}$  |
| 7                  | $\frac{21}{32}$     | $3\frac{1}{16}$ | $4\frac{19}{32}$  | $2\frac{5}{8}$  | $2\frac{19}{64}$ | $\frac{35}{64}$ | $2\frac{27}{32}$ | $1\frac{13}{64}$ | $15\frac{3}{4}$ | $\frac{7}{64}$ | $1\frac{31}{32}$ | $1\frac{17}{32}$ | $1\frac{3}{32}$  | $\frac{17}{64}$  | $\frac{21}{64}$ | $\frac{7}{8}$  |
| 8                  | $\frac{3}{4}$       | $3\frac{1}{2}$  | $5\frac{1}{4}$    | $3$             | $2\frac{5}{8}$   | $\frac{5}{8}$   | $3\frac{1}{2}$   | $1\frac{1}{8}$   | $18$            | $\frac{1}{8}$  | $2\frac{1}{4}$   | $1\frac{3}{4}$   | $1\frac{1}{4}$   | $\frac{5}{16}$   | $\frac{3}{8}$   | $1$            |
| 12                 | $1\frac{1}{2}$      | $5\frac{1}{4}$  | $7\frac{7}{8}$    | $4\frac{1}{2}$  | $3\frac{15}{32}$ | $\frac{15}{16}$ | $4\frac{7}{8}$   | $2\frac{1}{16}$  | $27$            | $\frac{3}{16}$ | $3\frac{1}{2}$   | $2\frac{5}{8}$   | $1\frac{7}{8}$   | $\frac{15}{32}$  | $\frac{9}{16}$  | $1\frac{1}{2}$ |
| 18                 | $1\frac{11}{16}$    | $7\frac{7}{8}$  | $11\frac{13}{16}$ | $6\frac{3}{4}$  | $5\frac{29}{32}$ | $1\frac{3}{32}$ | $7\frac{5}{16}$  | $3\frac{3}{32}$  | $40\frac{1}{2}$ | $\frac{9}{32}$ | $5\frac{1}{16}$  | $3\frac{15}{16}$ | $2\frac{13}{16}$ | $1\frac{11}{32}$ | $2\frac{7}{32}$ | $2\frac{1}{4}$ |



### SERIES A LETTERS

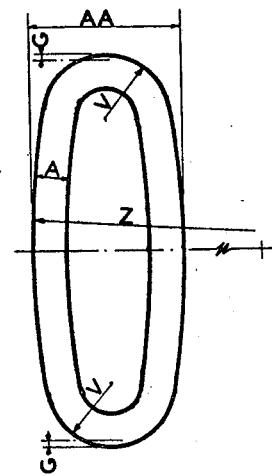
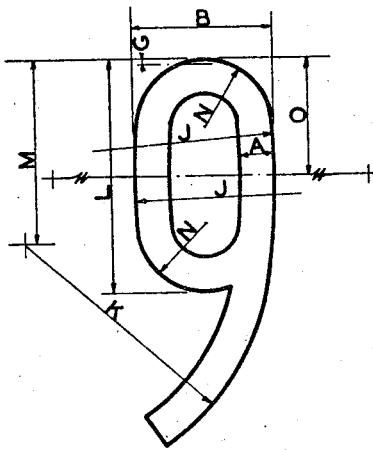
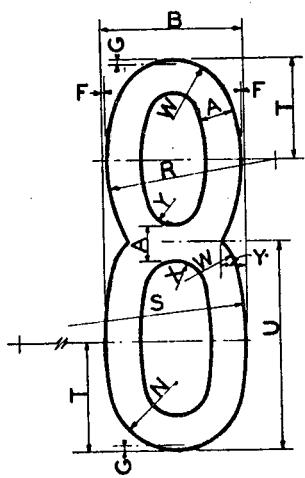
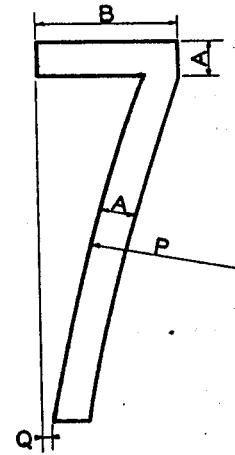
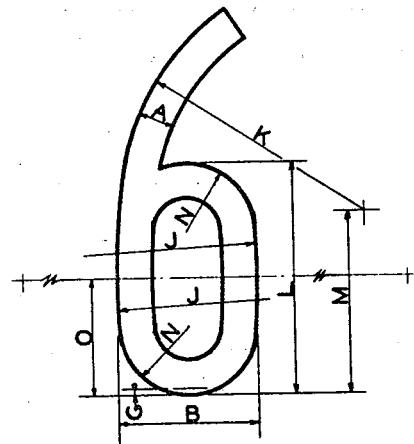
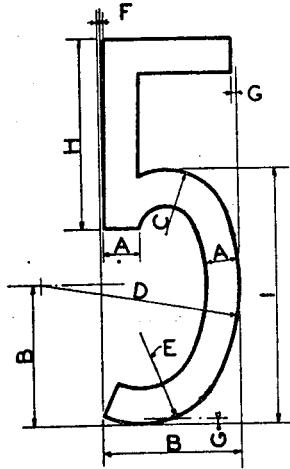
| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                |                |                   |                |                  |                  |                  |                 |                 |                  |                 |                 |                  |                 |                  |                |                |
|--------------------|---------------------|----------------|----------------|-------------------|----------------|------------------|------------------|------------------|-----------------|-----------------|------------------|-----------------|-----------------|------------------|-----------------|------------------|----------------|----------------|
|                    | A                   | B              | C              | D                 | E              | F                | G                | H                | I               | J               | K                | L               | M               | N                | O               | P                | Q              |                |
| 2                  | $\frac{1}{16}$      | $\frac{3}{4}$  | 1              | $1\frac{1}{16}$   | $\frac{1}{2}$  | $\frac{7}{8}$    | $\frac{3}{8}$    | $\frac{31}{32}$  | $\frac{3}{16}$  | $\frac{23}{64}$ | $\frac{11}{64}$  | $\frac{7}{16}$  | $\frac{1}{16}$  | $1\frac{1}{16}$  | $1\frac{1}{32}$ | $\frac{1}{16}$   | $\frac{1}{64}$ |                |
| 3                  | $\frac{3}{32}$      | $\frac{1}{8}$  | $1\frac{1}{2}$ | $1\frac{25}{32}$  | $\frac{3}{4}$  | $\frac{31}{32}$  | $\frac{15}{16}$  | $\frac{3}{32}$   | $\frac{15}{16}$ | $1\frac{1}{32}$ | $1\frac{1}{32}$  | $\frac{11}{32}$ | $1\frac{1}{16}$ | $1\frac{1}{16}$  | $1\frac{1}{32}$ | $\frac{1}{8}$    | $\frac{1}{64}$ |                |
| 4                  | $\frac{5}{32}$      | $1\frac{1}{8}$ | $2\frac{1}{2}$ | $2\frac{5}{8}$    | 1              | $\frac{7}{8}$    | $\frac{3}{4}$    | $\frac{23}{32}$  | $\frac{15}{16}$ | $\frac{7}{16}$  | $\frac{3}{32}$   | $1\frac{1}{32}$ | $\frac{27}{64}$ | $1\frac{1}{16}$  | $2\frac{3}{16}$ | $2\frac{7}{32}$  | $\frac{1}{2}$  | $\frac{1}{32}$ |
| 5                  | $\frac{13}{32}$     | $1\frac{7}{8}$ | $2\frac{1}{2}$ | $2\frac{31}{32}$  | $1\frac{1}{4}$ | $1\frac{3}{32}$  | $1\frac{15}{16}$ | $\frac{7}{8}$    | $\frac{5}{32}$  | $\frac{7}{64}$  | $\frac{13}{64}$  | $\frac{27}{64}$ | $2\frac{3}{16}$ | $2\frac{7}{32}$  | $\frac{5}{8}$   | $2\frac{21}{32}$ | $\frac{1}{32}$ |                |
| 6                  | $\frac{15}{32}$     | $2\frac{1}{4}$ | 3              | $3\frac{3}{8}$    | $1\frac{1}{2}$ | $1\frac{15}{16}$ | $1\frac{1}{8}$   | $1\frac{1}{32}$  | $\frac{3}{32}$  | $\frac{9}{64}$  | $2\frac{11}{64}$ | $\frac{27}{64}$ | $2\frac{9}{16}$ | $3\frac{9}{32}$  | $\frac{3}{4}$   | $3\frac{7}{16}$  | $\frac{3}{8}$  |                |
| 7                  | $\frac{21}{32}$     | $2\frac{5}{8}$ | $3\frac{1}{2}$ | $4\frac{5}{32}$   | $1\frac{3}{4}$ | $1\frac{17}{32}$ | $1\frac{15}{16}$ | $1\frac{15}{64}$ | $\frac{7}{64}$  | $\frac{31}{32}$ | $2\frac{11}{32}$ | $\frac{19}{32}$ | $3\frac{1}{16}$ | $3\frac{13}{32}$ | $\frac{7}{8}$   | $3\frac{23}{32}$ | $\frac{3}{8}$  |                |
| 8                  | $\frac{3}{4}$       | 3              | 4              | $4\frac{3}{8}$    | 2              | $1\frac{1}{2}$   | $1\frac{1}{2}$   | $1\frac{3}{32}$  | $\frac{1}{16}$  | $\frac{7}{16}$  | $2\frac{1}{16}$  | $\frac{11}{16}$ | $3\frac{1}{2}$  | $4\frac{3}{8}$   | 1               | $4\frac{1}{4}$   | $\frac{1}{8}$  |                |
| 12                 | $1\frac{1}{8}$      | $4\frac{1}{2}$ | 6              | $7\frac{1}{8}$    | 3              | $2\frac{5}{8}$   | $2\frac{1}{4}$   | $2\frac{7}{8}$   | $\frac{3}{8}$   | $\frac{31}{32}$ | $4\frac{1}{2}$   | $1\frac{1}{2}$  | $5\frac{1}{4}$  | $6\frac{9}{16}$  | $1\frac{1}{2}$  | $6\frac{5}{8}$   | $\frac{3}{2}$  |                |
| 18                 | $1\frac{11}{16}$    | $6\frac{3}{4}$ | 9              | $10\frac{11}{16}$ | $4\frac{1}{2}$ | $3\frac{15}{16}$ | $3\frac{3}{8}$   | $3\frac{3}{32}$  | $\frac{9}{32}$  | $\frac{7}{16}$  | $6\frac{1}{16}$  | $1\frac{9}{16}$ | $7\frac{7}{8}$  | $9\frac{27}{32}$ | $2\frac{1}{4}$  | $9\frac{9}{16}$  | $\frac{1}{8}$  |                |



### SERIES A LETTERS AND NUMERALS

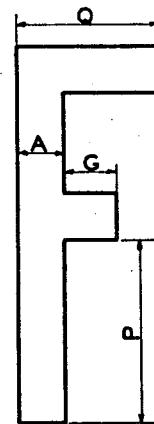
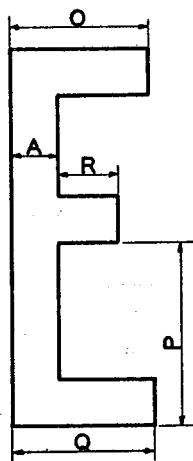
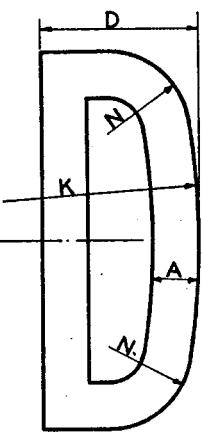
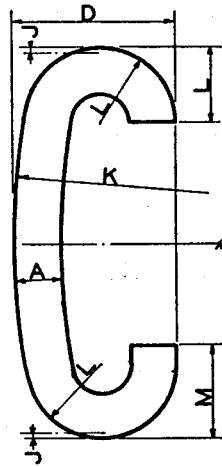
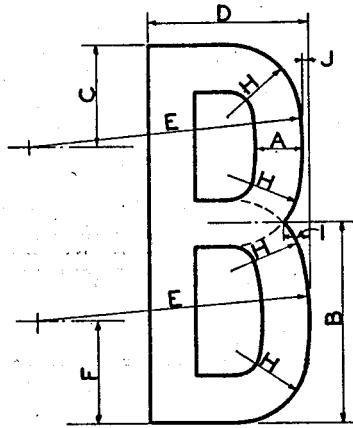
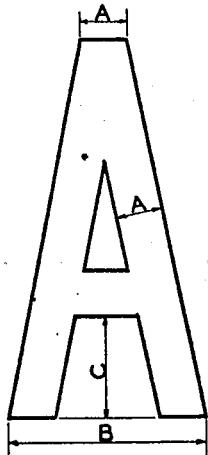
DIMENSIONS (INCHES)

| B               | C                 | D               | E               | F               | G               | H               | I                | J               | K                | L                | M                 | N                | O                | P                | Q               | R                | S                | T                 | U                | V                | W                 |
|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|-----------------|------------------|------------------|-------------------|------------------|------------------|------------------|-----------------|------------------|------------------|-------------------|------------------|------------------|-------------------|
| $\frac{7}{8}$   | $\frac{25}{32}$   | $\frac{3}{4}$   | $\frac{5}{64}$  | $\frac{5}{32}$  | $\frac{9}{64}$  | $\frac{1}{8}$   | $\frac{7}{16}$   | $\frac{31}{32}$ | $\frac{61}{64}$  | $\frac{3}{8}$    | $\frac{17}{16}$   | $\frac{21}{16}$  | $\frac{1}{16}$   | $\frac{11}{32}$  | $\frac{15}{64}$ | $\frac{5}{16}$   | $\frac{13}{32}$  | $\frac{11}{16}$   | $\frac{13}{16}$  | $\frac{5}{8}$    | $\frac{13}{32}$   |
| $\frac{11}{16}$ | $\frac{1}{8}$     | $\frac{1}{16}$  | $\frac{5}{64}$  | $\frac{13}{64}$ | $\frac{3}{16}$  | $\frac{21}{32}$ | $\frac{3}{64}$   | $\frac{1}{4}$   | $\frac{9}{16}$   | $\frac{23}{32}$  | $\frac{39}{32}$   | $\frac{3}{32}$   | $\frac{23}{64}$  | $\frac{25}{64}$  | $\frac{17}{32}$ | $\frac{15}{32}$  | $\frac{19}{24}$  | $\frac{23}{32}$   | $\frac{15}{16}$  | $\frac{11}{64}$  |                   |
| $\frac{13}{16}$ | $\frac{1}{12}$    | $\frac{3}{32}$  | $\frac{7}{16}$  | $\frac{9}{32}$  | $\frac{1}{4}$   | $\frac{7}{16}$  | $\frac{11}{32}$  | $\frac{3}{4}$   | $\frac{27}{32}$  | $\frac{43}{32}$  | $\frac{1}{16}$    | $\frac{11}{16}$  | $\frac{11}{16}$  | $\frac{11}{16}$  | $\frac{23}{32}$ | $\frac{5}{8}$    | $\frac{21}{16}$  | $\frac{3}{8}$     | $\frac{1}{12}$   | $\frac{1}{16}$   |                   |
| $\frac{15}{16}$ | $\frac{7}{8}$     | $\frac{5}{64}$  | $\frac{25}{64}$ | $\frac{11}{32}$ | $\frac{5}{16}$  | $\frac{13}{32}$ | $\frac{5}{64}$   | $\frac{27}{16}$ | $\frac{15}{16}$  | $\frac{319}{32}$ | $\frac{515}{32}$  | $\frac{5}{32}$   | $\frac{55}{64}$  | $\frac{111}{64}$ | $\frac{27}{64}$ | $\frac{23}{32}$  | $\frac{13}{64}$  | $\frac{417}{32}$  | $\frac{19}{16}$  | $\frac{297}{64}$ |                   |
| $\frac{17}{16}$ | $\frac{21}{24}$   | $\frac{9}{64}$  | $\frac{35}{32}$ | $\frac{27}{64}$ | $\frac{3}{8}$   | $\frac{15}{16}$ | $\frac{31}{32}$  | $\frac{61}{64}$ | $\frac{1}{8}$    | $\frac{41}{16}$  | $\frac{61}{16}$   | $\frac{3}{16}$   | $\frac{13}{32}$  | $\frac{13}{64}$  | $\frac{15}{16}$ | $\frac{327}{32}$ | $\frac{57}{16}$  | $\frac{17}{16}$   | $\frac{33}{32}$  |                  |                   |
| $\frac{19}{16}$ | $\frac{247}{256}$ | $\frac{5}{32}$  | $\frac{31}{64}$ | $\frac{7}{16}$  | $\frac{17}{32}$ | $\frac{7}{64}$  | $\frac{19}{32}$  | $\frac{15}{32}$ | $\frac{731}{32}$ | $\frac{731}{32}$ | $\frac{7}{32}$    | $\frac{13}{64}$  | $\frac{131}{64}$ | $\frac{1}{4}$    | $\frac{13}{32}$ | $\frac{421}{64}$ | $\frac{611}{32}$ | $\frac{21}{16}$   | $\frac{353}{64}$ |                  |                   |
| $\frac{21}{16}$ | $\frac{3}{16}$    | $\frac{1}{16}$  | $\frac{5}{64}$  | $\frac{9}{16}$  | $\frac{1}{2}$   | $\frac{13}{16}$ | $\frac{1}{16}$   | $\frac{11}{16}$ | $\frac{1}{2}$    | $\frac{53}{32}$  | $\frac{83}{32}$   | $\frac{1}{4}$    | $\frac{13}{64}$  | $\frac{17}{16}$  | $\frac{17}{16}$ | $\frac{1}{4}$    | $\frac{51}{8}$   | $\frac{71}{16}$   | $\frac{21}{2}$   | $\frac{43}{8}$   |                   |
| $\frac{23}{16}$ | $\frac{411}{416}$ | $\frac{9}{32}$  | $\frac{15}{32}$ | $\frac{27}{32}$ | $\frac{3}{4}$   | $\frac{29}{16}$ | $\frac{7}{16}$   | $\frac{13}{32}$ | $\frac{21}{16}$  | $\frac{63}{32}$  | $\frac{133}{32}$  | $\frac{3}{16}$   | $\frac{21}{16}$  | $\frac{213}{32}$ | $\frac{17}{16}$ | $\frac{711}{16}$ | $\frac{107}{16}$ | $\frac{33}{16}$   | $\frac{63}{16}$  |                  |                   |
| $\frac{25}{16}$ | $\frac{731}{732}$ | $\frac{61}{64}$ | $\frac{15}{16}$ | $\frac{13}{32}$ | $\frac{1}{4}$   | $\frac{1}{16}$  | $\frac{315}{32}$ | $\frac{32}{16}$ | $\frac{17}{16}$  | $\frac{33}{32}$  | $\frac{1215}{32}$ | $\frac{191}{16}$ | $\frac{9}{16}$   | $\frac{33}{32}$  | $\frac{43}{32}$ | $\frac{31}{32}$  | $\frac{213}{16}$ | $\frac{117}{132}$ | $\frac{101}{16}$ | $\frac{55}{8}$   | $\frac{937}{932}$ |



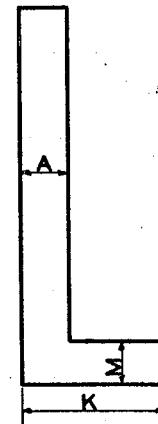
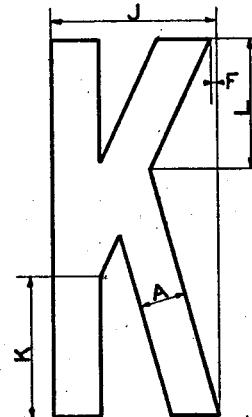
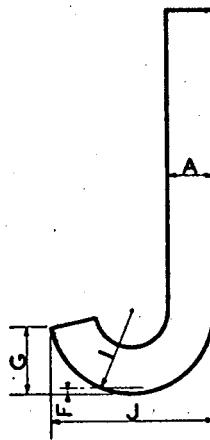
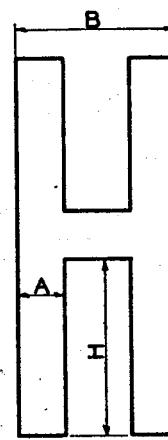
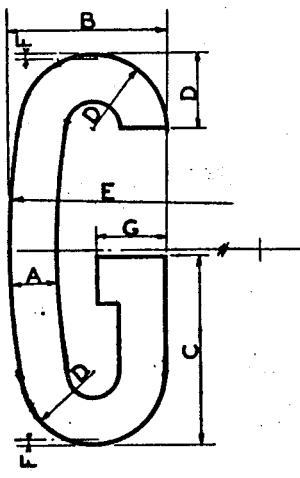
### SERIES A NUMERALS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                 |                 |                 |                  |                |                |                  |                  |                   |                   |                  |                  |                  |                 |                 |                 |                  |                  |                  |                  |                  |                  |                 |                 |                  |                 |                 |                 |                 |
|--------------------|---------------------|-----------------|-----------------|-----------------|------------------|----------------|----------------|------------------|------------------|-------------------|-------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|------------------|-----------------|-----------------|-----------------|-----------------|
|                    | A                   | B               | C               | D               | E                | F              | G              | H                | I                | J                 | K                 | L                | M                | N                | O               | P               | Q               | R                | S                | T                | U                | V                | W                | X               | Y               | Z                | AA              |                 |                 |                 |
| 2                  | $\frac{1}{16}$      | $\frac{3}{4}$   | $\frac{11}{32}$ | $\frac{1}{16}$  | $\frac{3}{16}$   | $\frac{1}{32}$ | $\frac{1}{16}$ | $\frac{1}{16}$   | $\frac{1}{32}$   | $\frac{3}{4}$     | $\frac{1}{32}$    | $\frac{1}{32}$   | $\frac{3}{32}$   | $\frac{3}{32}$   | $\frac{3}{32}$  | $\frac{3}{32}$  | $\frac{3}{32}$  | $\frac{3}{32}$   | $\frac{11}{16}$  | $\frac{17}{32}$  | $\frac{1}{32}$   | $\frac{21}{32}$  | $\frac{5}{16}$   | $\frac{3}{32}$  | $\frac{1}{8}$   | $\frac{41}{16}$  | $\frac{13}{16}$ |                 |                 |                 |
| 3                  | $\frac{3}{32}$      | $\frac{1}{16}$  | $\frac{23}{32}$ | $\frac{15}{32}$ | $\frac{23}{32}$  | $\frac{1}{32}$ | $\frac{3}{16}$ | $\frac{1}{16}$   | $\frac{1}{2}$    | $\frac{25}{32}$   | $\frac{5}{8}$     | $\frac{1}{32}$   | $\frac{1}{32}$   | $\frac{1}{32}$   | $\frac{1}{32}$  | $\frac{1}{32}$  | $\frac{1}{32}$  | $\frac{1}{32}$   | $\frac{1}{32}$   | $\frac{1}{32}$   | $\frac{23}{32}$  | $\frac{23}{32}$  | $\frac{1}{32}$   | $\frac{31}{32}$ | $\frac{13}{32}$ | $\frac{3}{32}$   | $\frac{1}{8}$   | $\frac{63}{32}$ | $\frac{1}{32}$  |                 |
| 4                  | $\frac{3}{8}$       | $\frac{1}{2}$   | $\frac{11}{32}$ | $\frac{21}{32}$ | $\frac{3}{32}$   | $\frac{1}{32}$ | $\frac{1}{16}$ | $\frac{2}{16}$   | $\frac{7}{16}$   | $\frac{2}{16}$    | $\frac{2}{16}$    | $\frac{1}{16}$   | $\frac{1}{32}$   | $\frac{1}{32}$   | $\frac{1}{32}$  | $\frac{1}{32}$  | $\frac{1}{32}$  | $\frac{1}{32}$   | $\frac{1}{32}$   | $\frac{1}{32}$   | $\frac{1}{32}$   | $\frac{1}{32}$   | $\frac{1}{32}$   | $\frac{1}{32}$  | $\frac{1}{32}$  | $\frac{1}{32}$   | $\frac{1}{32}$  | $\frac{1}{32}$  |                 |                 |
| 5                  | $\frac{15}{32}$     | $\frac{17}{16}$ | $\frac{23}{32}$ | $\frac{13}{32}$ | $\frac{31}{32}$  | $\frac{1}{32}$ | $\frac{3}{64}$ | $\frac{21}{2}$   | $\frac{383}{32}$ | $\frac{9}{8}$     | $\frac{3}{32}$    | $\frac{3}{32}$   | $\frac{3}{32}$   | $\frac{25}{32}$  | $\frac{25}{32}$ | $\frac{27}{32}$ | $\frac{27}{32}$ | $\frac{27}{32}$  | $\frac{27}{32}$  | $\frac{27}{32}$  | $\frac{27}{32}$  | $\frac{27}{32}$  | $\frac{27}{32}$  | $\frac{27}{32}$ | $\frac{27}{32}$ | $\frac{27}{32}$  | $\frac{27}{32}$ | $\frac{27}{32}$ | $\frac{27}{32}$ |                 |
| 6                  | $\frac{9}{16}$      | $\frac{2}{4}$   | $\frac{13}{32}$ | $\frac{3}{32}$  | $\frac{129}{32}$ | $\frac{1}{64}$ | $\frac{3}{64}$ | $\frac{3}{32}$   | $3\frac{1}{32}$  | $11\frac{1}{4}$   | $3\frac{3}{32}$   | $3\frac{21}{32}$ | $2\frac{29}{32}$ | $1\frac{5}{64}$  | $1\frac{5}{64}$ | $1\frac{5}{64}$ | $1\frac{5}{64}$ | $1\frac{5}{64}$  | $27$             | $\frac{3}{16}$   | $2\frac{23}{32}$ | $5\frac{1}{16}$  | $1\frac{19}{32}$ | $3\frac{3}{32}$ | $6\frac{3}{64}$ | $15\frac{1}{16}$ | $27$            | $\frac{3}{8}$   | $13\frac{1}{2}$ | $\frac{27}{16}$ |
| 7                  | $\frac{21}{32}$     | $\frac{2}{8}$   | $\frac{13}{32}$ | $\frac{23}{32}$ | $\frac{11}{16}$  | $\frac{3}{64}$ | $\frac{7}{64}$ | $3\frac{1}{2}$   | $4\frac{15}{64}$ | $1\frac{3}{8}$    | $4\frac{31}{64}$  | $4\frac{17}{64}$ | $3\frac{25}{64}$ | $1\frac{1}{4}$   | $2\frac{1}{8}$  | $3\frac{1}{2}$  | $3\frac{1}{2}$  | $3\frac{1}{2}$   | $3\frac{1}{2}$   | $3\frac{1}{2}$   | $3\frac{1}{2}$   | $3\frac{1}{2}$   | $3\frac{1}{2}$   | $3\frac{1}{2}$  | $3\frac{1}{2}$  | $3\frac{1}{2}$   | $3\frac{1}{2}$  | $3\frac{1}{2}$  | $3\frac{1}{2}$  |                 |
| 8                  | $\frac{3}{4}$       | 3               | $\frac{1}{8}$   | $\frac{4}{4}$   | $1\frac{1}{16}$  | $\frac{1}{16}$ | $\frac{1}{8}$  | 4                | $5\frac{5}{8}$   | 15                | $5\frac{1}{8}$    | $4\frac{7}{8}$   | $3\frac{7}{8}$   | $1\frac{7}{16}$  | $2\frac{7}{16}$ | 36              | $\frac{1}{4}$   | $3\frac{5}{8}$   | $6\frac{3}{4}$   | $2\frac{1}{8}$   | $4\frac{3}{8}$   | $1\frac{1}{16}$  | $1\frac{1}{4}$   | $\frac{9}{16}$  | $\frac{1}{2}$   | 18               | $3\frac{1}{4}$  |                 |                 |                 |
| 12                 | $\frac{1}{8}$       | $\frac{4}{2}$   | $2\frac{1}{16}$ | $6\frac{3}{8}$  | $2\frac{29}{32}$ | $\frac{3}{32}$ | $\frac{3}{16}$ | 6                | $8\frac{1}{16}$  | $22\frac{1}{2}$   | $7\frac{11}{16}$  | $5\frac{13}{16}$ | $2\frac{5}{32}$  | $3\frac{21}{32}$ | 54              | $\frac{3}{8}$   | $5\frac{7}{16}$ | $10\frac{1}{8}$  | $3\frac{3}{16}$  | $6\frac{9}{16}$  | $1\frac{31}{32}$ | $1\frac{7}{8}$   | $\frac{27}{32}$  | $\frac{3}{4}$   | 27              | $4\frac{7}{8}$   |                 |                 |                 |                 |
| 18                 | $\frac{11}{16}$     | $\frac{6}{4}$   | $3\frac{3}{32}$ | $9\frac{9}{16}$ | $4\frac{3}{8}$   | $\frac{1}{8}$  | $\frac{9}{32}$ | $12\frac{3}{32}$ | $33\frac{3}{32}$ | $11\frac{17}{32}$ | $10\frac{31}{32}$ | $8\frac{23}{32}$ | $3\frac{4}{32}$  | $5\frac{1}{2}$   | 81              | $\frac{9}{16}$  | $8\frac{5}{32}$ | $15\frac{1}{16}$ | $4\frac{23}{32}$ | $9\frac{27}{32}$ | $2\frac{12}{32}$ | $2\frac{12}{32}$ | $1\frac{1}{8}$   | $1\frac{1}{8}$  | $40\frac{1}{2}$ | $7\frac{1}{16}$  |                 |                 |                 |                 |



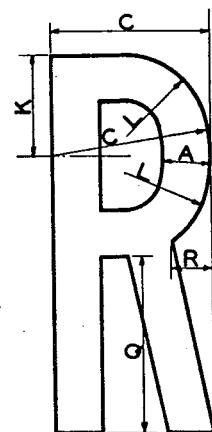
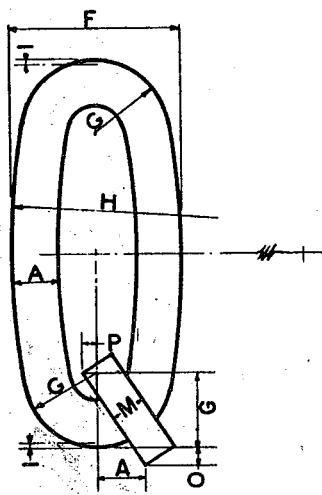
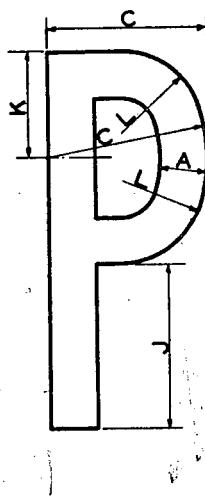
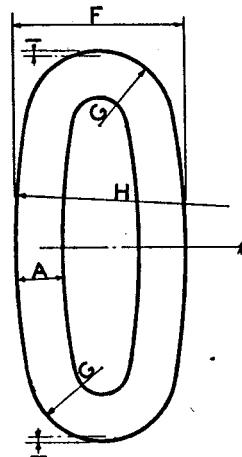
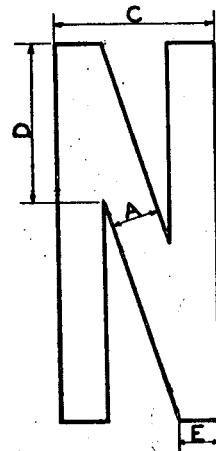
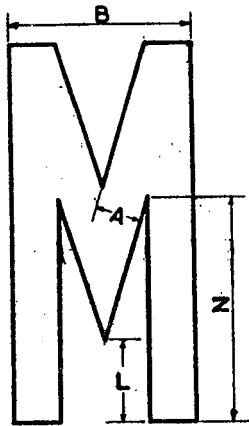
### SERIES B LETTERS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                  |                  |                  |                   |                  |                  |                 |                 |                 |                 |                  |                 |                   |                   |                   |                 |                 |
|--------------------|---------------------|------------------|------------------|------------------|-------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|------------------|-----------------|-------------------|-------------------|-------------------|-----------------|-----------------|
|                    | A                   | B                | C                | D                | E                 | F                | G                | H               | I               | J               | K               | L                | M               | N                 | O                 | P                 | Q               | R               |
| 2                  | $\frac{1}{4}$       | $\frac{1}{16}$   | $\frac{17}{32}$  | $\frac{57}{32}$  | $\frac{7}{16}$    | $\frac{25}{64}$  | $\frac{9}{32}$   | $\frac{7}{8}$   | $\frac{1}{8}$   | $\frac{32}{32}$ | 4               | $\frac{25}{64}$  | $\frac{1}{2}$   | $\frac{7}{16}$    | $\frac{17}{64}$   | $\frac{31}{32}$   | $\frac{3}{4}$   | $\frac{5}{16}$  |
| 3                  | $\frac{3}{8}$       | $\frac{19}{32}$  | $\frac{51}{64}$  | $\frac{17}{16}$  | $\frac{25}{32}$   | $\frac{13}{16}$  | $\frac{27}{64}$  | $\frac{9}{16}$  | $\frac{3}{8}$   | $\frac{3}{32}$  | 6               | $\frac{37}{64}$  | $\frac{3}{4}$   | $\frac{21}{32}$   | $\frac{13}{64}$   | $\frac{15}{16}$   | $\frac{15}{32}$ |                 |
| 4                  | $\frac{1}{2}$       | $\frac{21}{16}$  | $\frac{11}{16}$  | $\frac{27}{64}$  | $\frac{13}{32}$   | $\frac{17}{16}$  | $\frac{3}{4}$    | $\frac{1}{4}$   | $\frac{1}{16}$  | 8               | $\frac{25}{32}$ | 1                | $\frac{7}{16}$  | $\frac{15}{64}$   | $\frac{115}{128}$ | $\frac{115}{128}$ | $\frac{1}{2}$   | $\frac{5}{8}$   |
| 5                  | $\frac{5}{8}$       | $\frac{21}{32}$  | $\frac{21}{64}$  | $\frac{27}{64}$  | $\frac{319}{32}$  | $\frac{123}{64}$ | $\frac{45}{64}$  | $\frac{15}{16}$ | $\frac{5}{16}$  | $\frac{5}{64}$  | 10              | $\frac{31}{32}$  | $\frac{1}{4}$   | $\frac{13}{32}$   | $\frac{153}{128}$ | $\frac{227}{128}$ | $\frac{17}{16}$ | $\frac{35}{32}$ |
| 6                  | $\frac{3}{4}$       | $\frac{33}{32}$  | $\frac{19}{32}$  | $\frac{217}{32}$ | $\frac{45}{16}$   | $\frac{131}{64}$ | $\frac{27}{32}$  | $\frac{1}{8}$   | $\frac{3}{8}$   | $\frac{3}{32}$  | 12              | $\frac{111}{64}$ | $\frac{1}{2}$   | $\frac{13}{16}$   | $\frac{213}{128}$ | $\frac{229}{128}$ | $\frac{21}{16}$ | $\frac{15}{16}$ |
| 7                  | $\frac{7}{8}$       | $\frac{323}{32}$ | $\frac{155}{64}$ | $\frac{261}{64}$ | $\frac{51}{32}$   | $\frac{129}{64}$ | $\frac{63}{64}$  | $\frac{13}{16}$ | $\frac{7}{16}$  | $\frac{7}{64}$  | 14              | $\frac{123}{64}$ | $\frac{13}{16}$ | $\frac{17}{32}$   | $\frac{219}{128}$ | $\frac{325}{128}$ | $\frac{23}{16}$ | $\frac{13}{32}$ |
| 8                  | 1                   | $\frac{41}{16}$  | $\frac{21}{8}$   | $\frac{33}{8}$   | $\frac{53}{4}$    | $\frac{23}{8}$   | $\frac{15}{8}$   | $\frac{1}{2}$   | $\frac{1}{8}$   | 16              | $\frac{19}{16}$ | 2                | $\frac{1}{2}$   | $\frac{215}{128}$ | $\frac{37}{16}$   | 3                 | $\frac{1}{4}$   |                 |
| 12                 | $1\frac{1}{2}$      | $6\frac{3}{8}$   | $3\frac{7}{16}$  | $5\frac{1}{16}$  | $8\frac{5}{8}$    | $3\frac{9}{32}$  | $1\frac{1}{16}$  | $2\frac{1}{4}$  | $\frac{3}{4}$   | $\frac{15}{32}$ | 24              | $2\frac{11}{32}$ | 3               | $2\frac{5}{8}$    | $4\frac{13}{32}$  | $5\frac{15}{16}$  | $4\frac{1}{2}$  | $\frac{7}{8}$   |
| 18                 | $2\frac{1}{4}$      | $9\frac{9}{16}$  | $4\frac{23}{32}$ | $7\frac{19}{32}$ | $12\frac{15}{16}$ | $4\frac{15}{16}$ | $2\frac{17}{32}$ | $3\frac{3}{8}$  | $1\frac{1}{16}$ | $\frac{9}{32}$  | 36              | $3\frac{1}{4}$   | $4\frac{1}{2}$  | $3\frac{1}{8}$    | $6\frac{7}{8}$    | $8\frac{23}{32}$  | $6\frac{3}{4}$  | $2\frac{1}{16}$ |



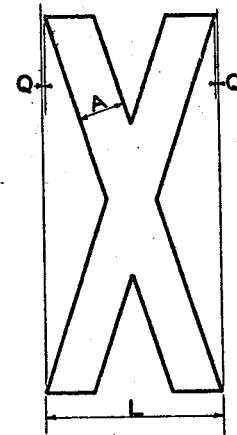
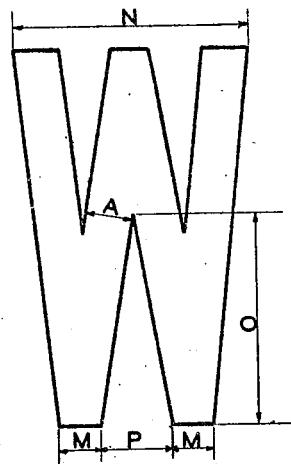
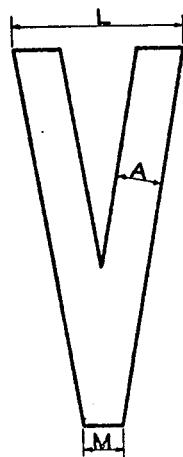
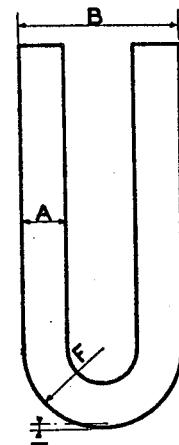
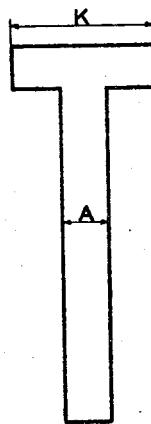
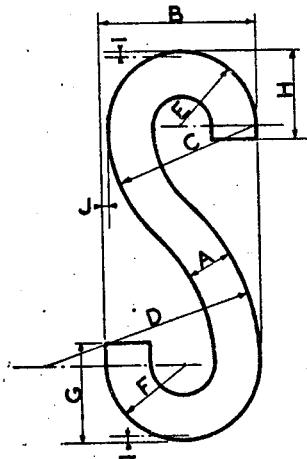
## SERIES B LETTERS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                  |                |                  |    |                |                 |                  |                  |                 |                 |                  |                 |  |
|--------------------|---------------------|------------------|----------------|------------------|----|----------------|-----------------|------------------|------------------|-----------------|-----------------|------------------|-----------------|--|
|                    | A                   | B                | C              | D                | E  | F              | G               | H                | I                | J               | K               | L                | M               |  |
| 2                  | $\frac{1}{4}$       | $\frac{27}{32}$  | 1              | $\frac{25}{64}$  | 4  | $\frac{3}{32}$ | $\frac{3}{8}$   | $\frac{15}{16}$  | $\frac{7}{16}$   | $\frac{7}{8}$   | $\frac{3}{4}$   | $\frac{11}{16}$  | $\frac{15}{64}$ |  |
| 3                  | $\frac{3}{8}$       | $1\frac{17}{64}$ | $1\frac{1}{2}$ | $\frac{27}{64}$  | 6  | $\frac{3}{64}$ | $\frac{9}{16}$  | $1\frac{13}{32}$ | $\frac{31}{32}$  | $1\frac{5}{16}$ | $1\frac{1}{16}$ | $1\frac{1}{32}$  | $\frac{11}{32}$ |  |
| 4                  | $\frac{1}{2}$       | $1\frac{11}{16}$ | 2              | $\frac{25}{32}$  | 8  | $\frac{1}{16}$ | $\frac{3}{4}$   | $1\frac{7}{16}$  | $\frac{7}{8}$    | $1\frac{3}{8}$  | $1\frac{1}{2}$  | $1\frac{3}{8}$   | $\frac{15}{32}$ |  |
| 5                  | $\frac{5}{8}$       | $2\frac{7}{64}$  | $2\frac{1}{2}$ | $\frac{31}{32}$  | 10 | $\frac{5}{64}$ | $\frac{15}{16}$ | $2\frac{13}{32}$ | $1\frac{3}{32}$  | $2\frac{7}{16}$ | $\frac{7}{16}$  | $1\frac{9}{32}$  | $\frac{23}{32}$ |  |
| 6                  | $\frac{3}{4}$       | $2\frac{17}{32}$ | 3              | $1\frac{11}{64}$ | 12 | $\frac{3}{32}$ | $\frac{15}{16}$ | $2\frac{13}{16}$ | $1\frac{5}{16}$  | $2\frac{5}{8}$  | $2\frac{1}{4}$  | $2\frac{1}{16}$  | $\frac{25}{32}$ |  |
| 7                  | $\frac{7}{8}$       | $2\frac{29}{64}$ | $3\frac{1}{2}$ | $1\frac{23}{64}$ | 14 | $\frac{7}{64}$ | $1\frac{5}{16}$ | $3\frac{3}{32}$  | $1\frac{17}{32}$ | $3\frac{1}{16}$ | $2\frac{5}{8}$  | $2\frac{13}{32}$ | $\frac{17}{16}$ |  |
| 8                  | 1                   | $3\frac{1}{8}$   | 4              | $1\frac{9}{16}$  | 16 | $\frac{1}{8}$  | $1\frac{1}{2}$  | $3\frac{3}{8}$   | $1\frac{1}{4}$   | $3\frac{1}{2}$  | 3               | $2\frac{3}{4}$   | $\frac{15}{16}$ |  |
| 12                 | $1\frac{1}{2}$      | $5\frac{5}{16}$  | 6              | $2\frac{11}{32}$ | 24 | $\frac{3}{16}$ | $2\frac{1}{4}$  | $5\frac{5}{8}$   | $2\frac{5}{8}$   | $5\frac{1}{4}$  | $4\frac{1}{2}$  | $4\frac{1}{8}$   | $1\frac{3}{32}$ |  |
| 18                 | $2\frac{1}{4}$      | $7\frac{19}{32}$ | 9              | $3\frac{1}{2}$   | 36 | $\frac{3}{32}$ | $3\frac{3}{8}$  | $8\frac{7}{16}$  | $3\frac{19}{32}$ | $7\frac{7}{16}$ | $6\frac{3}{8}$  | $6\frac{3}{16}$  | $2\frac{1}{16}$ |  |



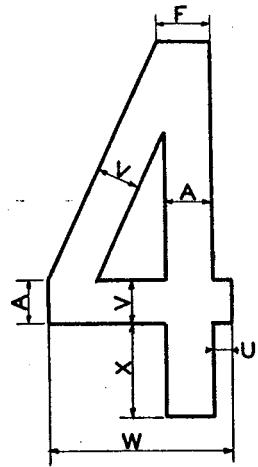
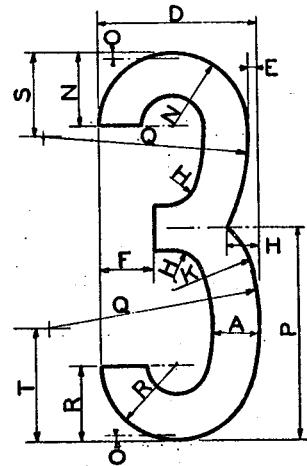
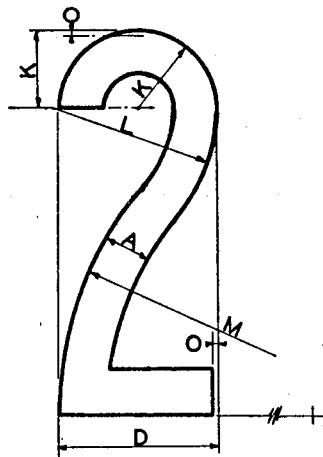
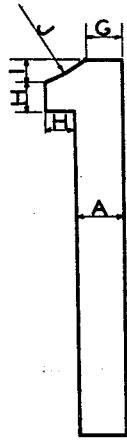
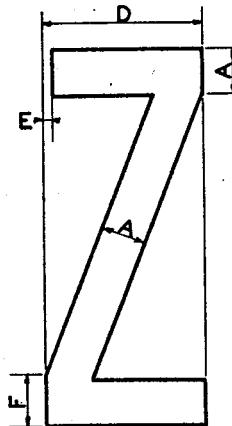
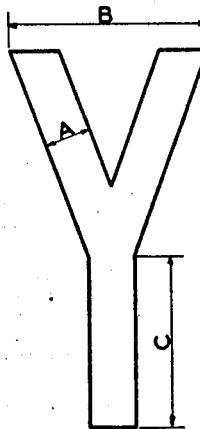
## SERIES B LETTERS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                  |                  |                  |                  |                  |                  |    |                 |                 |                  |                 |                  |                   |                 |                  |                  |                  |
|--------------------|---------------------|------------------|------------------|------------------|------------------|------------------|------------------|----|-----------------|-----------------|------------------|-----------------|------------------|-------------------|-----------------|------------------|------------------|------------------|
|                    | A                   | B                | C                | D                | E                | F                | G                | H  | I               | J               | K                | L               | M                | N                 | O               | P                | Q                | R                |
| 2                  | $\frac{1}{4}$       | $\frac{31}{32}$  | $\frac{27}{32}$  | $\frac{13}{16}$  | $\frac{7}{32}$   | $\frac{29}{32}$  | $\frac{25}{64}$  | 4  | $\frac{31}{32}$ | $\frac{7}{8}$   | $\frac{17}{16}$  | $\frac{7}{16}$  | $\frac{3}{16}$   | $1\frac{3}{16}$   | $\frac{1}{32}$  | $\frac{5}{64}$   | $\frac{15}{16}$  | $\frac{13}{64}$  |
| 3                  | $\frac{3}{8}$       | $1\frac{29}{64}$ | $1\frac{17}{64}$ | $1\frac{7}{32}$  | $\frac{21}{64}$  | $1\frac{23}{64}$ | $\frac{37}{64}$  | 6  | $\frac{3}{64}$  | $1\frac{5}{16}$ | $\frac{51}{64}$  | $\frac{21}{32}$ | $\frac{9}{32}$   | $1\frac{25}{32}$  | $\frac{9}{64}$  | $7\frac{1}{32}$  | $\frac{19}{64}$  |                  |
| 4                  | $\frac{1}{2}$       | $1\frac{15}{64}$ | $1\frac{11}{64}$ | $1\frac{5}{8}$   | $\frac{7}{16}$   | $1\frac{15}{64}$ | $\frac{29}{32}$  | 9  | $\frac{15}{64}$ | $1\frac{1}{16}$ | $1\frac{15}{16}$ | $\frac{7}{8}$   | $\frac{3}{8}$    | $2\frac{3}{8}$    | $\frac{3}{16}$  | $\frac{5}{32}$   | $1\frac{5}{16}$  | $\frac{13}{32}$  |
| 5                  | $\frac{5}{8}$       | $2\frac{27}{64}$ | $2\frac{7}{64}$  | $2\frac{31}{32}$ | $\frac{25}{64}$  | $2\frac{17}{64}$ | $\frac{31}{32}$  | 10 | $\frac{5}{64}$  | $2\frac{3}{16}$ | $1\frac{21}{64}$ | $1\frac{3}{32}$ | $\frac{15}{32}$  | $2\frac{31}{32}$  | $\frac{15}{64}$ | $\frac{3}{16}$   | $2\frac{11}{32}$ | $\frac{1}{2}$    |
| 6                  | $\frac{3}{4}$       | $2\frac{29}{32}$ | $2\frac{17}{32}$ | $2\frac{7}{16}$  | $\frac{21}{32}$  | $2\frac{23}{32}$ | $1\frac{11}{64}$ | 12 | $\frac{3}{32}$  | $2\frac{3}{8}$  | $1\frac{19}{32}$ | $1\frac{5}{16}$ | $\frac{9}{16}$   | $3\frac{9}{16}$   | $\frac{9}{32}$  | $\frac{15}{64}$  | $2\frac{13}{16}$ | $\frac{39}{64}$  |
| 7                  | $\frac{7}{8}$       | $3\frac{25}{64}$ | $2\frac{61}{64}$ | $2\frac{27}{32}$ | $\frac{23}{64}$  | $3\frac{11}{64}$ | $1\frac{63}{64}$ | 14 | $\frac{7}{64}$  | $3\frac{1}{16}$ | $1\frac{25}{64}$ | $1\frac{7}{32}$ | $\frac{21}{32}$  | $4\frac{5}{32}$   | $2\frac{1}{64}$ | $17$             | $3\frac{3}{32}$  | $\frac{45}{64}$  |
| 8                  | 1                   | $3\frac{7}{8}$   | $3\frac{3}{8}$   | $3\frac{1}{4}$   | $\frac{7}{8}$    | $3\frac{5}{8}$   | $1\frac{9}{16}$  | 16 | $\frac{1}{8}$   | $3\frac{1}{2}$  | $2\frac{5}{8}$   | $1\frac{3}{4}$  | $\frac{3}{4}$    | $4\frac{3}{4}$    | $\frac{3}{8}$   | $\frac{5}{16}$   | $3\frac{3}{4}$   | $\frac{13}{16}$  |
| 12                 | $1\frac{1}{2}$      | $5\frac{13}{16}$ | $5\frac{1}{16}$  | $4\frac{7}{8}$   | $1\frac{5}{8}$   | $5\frac{7}{16}$  | $2\frac{11}{32}$ | 24 | $\frac{7}{16}$  | $5\frac{1}{4}$  | $3\frac{3}{8}$   | $2\frac{5}{8}$  | $1\frac{1}{16}$  | $7\frac{1}{16}$   | $\frac{9}{16}$  | $15\frac{5}{32}$ | $1\frac{7}{32}$  |                  |
| 18                 | $2\frac{1}{4}$      | $8\frac{23}{32}$ | $7\frac{9}{16}$  | $7\frac{5}{16}$  | $1\frac{31}{32}$ | $8\frac{5}{32}$  | $3\frac{1}{2}$   | 36 | $\frac{9}{32}$  | $7\frac{7}{8}$  | $4\frac{25}{32}$ | $3\frac{5}{16}$ | $1\frac{11}{16}$ | $10\frac{11}{16}$ | $\frac{27}{32}$ | $11\frac{1}{16}$ | $8\frac{7}{16}$  | $1\frac{13}{16}$ |



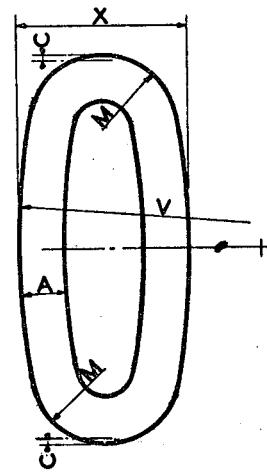
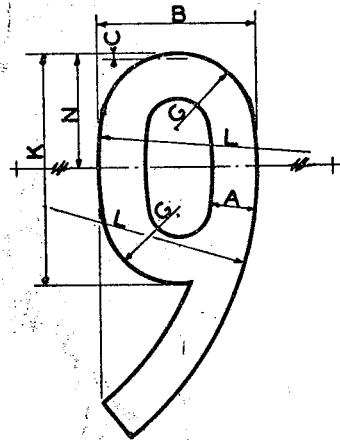
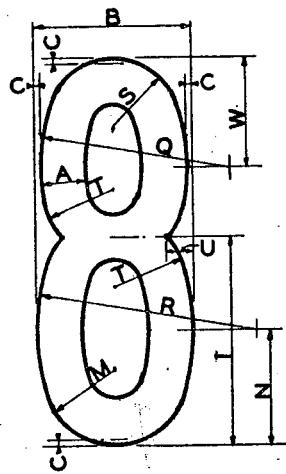
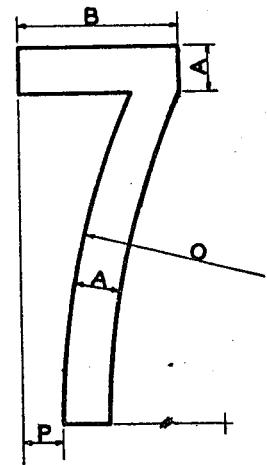
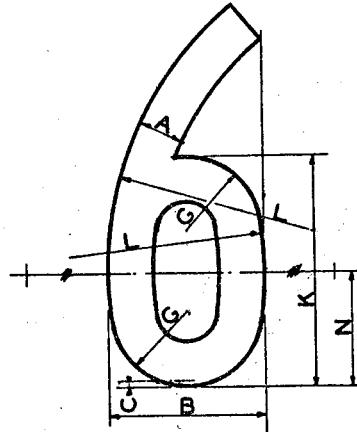
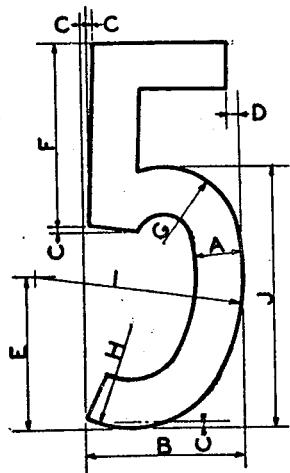
### SERIES B LETTERS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                  |                  |                   |                  |                  |                  |                  |                 |                 |                 |                  |                  |                  |                  |                 |                |
|--------------------|---------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|------------------|-----------------|----------------|
|                    | A                   | B                | C                | D                 | E                | F                | G                | H                | I               | J               | K               | L                | M                | N                | O                | P               | Q              |
| 2                  | $\frac{1}{4}$       | $\frac{27}{32}$  | $\frac{51}{64}$  | $\frac{13}{32}$   | $\frac{23}{64}$  | $\frac{27}{64}$  | $\frac{17}{32}$  | $\frac{15}{32}$  | $\frac{3}{32}$  | $\frac{3}{64}$  | $\frac{3}{4}$   | $\frac{59}{64}$  | $\frac{7}{32}$   | $1\frac{1}{4}$   | $1\frac{1}{8}$   | $\frac{3}{8}$   | $\frac{1}{64}$ |
| 3                  | $\frac{3}{8}$       | $1\frac{17}{64}$ | $1\frac{3}{16}$  | $1\frac{47}{64}$  | $1\frac{9}{32}$  | $\frac{5}{8}$    | $\frac{51}{64}$  | $\frac{45}{64}$  | $\frac{3}{64}$  | $\frac{1}{16}$  | $1\frac{1}{16}$ | $1\frac{3}{64}$  | $2\frac{1}{64}$  | $1\frac{11}{16}$ | $\frac{9}{16}$   | $\frac{1}{64}$  |                |
| 4                  | $\frac{1}{2}$       | $1\frac{11}{64}$ | $1\frac{19}{32}$ | $2\frac{5}{8}$    | $2\frac{1}{64}$  | $\frac{27}{32}$  | $1\frac{1}{16}$  | $1\frac{5}{16}$  | $\frac{1}{16}$  | $\frac{3}{32}$  | $1\frac{1}{2}$  | $1\frac{27}{64}$ | $\frac{7}{16}$   | $2\frac{1}{2}$   | $2\frac{2}{3}$   | $\frac{3}{4}$   | $\frac{1}{32}$ |
| 5                  | $\frac{5}{8}$       | $2\frac{7}{64}$  | $1\frac{63}{64}$ | $2\frac{57}{64}$  | $1$              | $1\frac{3}{64}$  | $1\frac{21}{64}$ | $1\frac{11}{64}$ | $\frac{5}{64}$  | $\frac{7}{64}$  | $1\frac{7}{16}$ | $2\frac{19}{64}$ | $\frac{35}{64}$  | $3\frac{1}{8}$   | $2\frac{13}{16}$ | $\frac{15}{16}$ | $\frac{1}{32}$ |
| 6                  | $\frac{3}{4}$       | $2\frac{17}{32}$ | $2\frac{65}{64}$ | $3\frac{15}{32}$  | $1\frac{3}{16}$  | $1\frac{17}{64}$ | $1\frac{19}{32}$ | $1\frac{13}{32}$ | $\frac{3}{32}$  | $\frac{9}{64}$  | $2\frac{1}{4}$  | $2\frac{27}{64}$ | $\frac{31}{64}$  | $3\frac{3}{4}$   | $3\frac{3}{8}$   | $\frac{1}{8}$   | $\frac{3}{64}$ |
| 7                  | $\frac{7}{8}$       | $2\frac{21}{64}$ | $2\frac{25}{32}$ | $4\frac{3}{64}$   | $1\frac{25}{64}$ | $1\frac{15}{32}$ | $1\frac{23}{64}$ | $1\frac{11}{64}$ | $\frac{7}{64}$  | $\frac{5}{32}$  | $2\frac{5}{8}$  | $3\frac{7}{64}$  | $\frac{49}{64}$  | $4\frac{1}{8}$   | $3\frac{15}{16}$ | $1\frac{5}{16}$ | $\frac{3}{64}$ |
| 8                  | 1                   | $3\frac{3}{8}$   | $3\frac{15}{32}$ | $4\frac{5}{8}$    | $1\frac{9}{32}$  | $1\frac{1}{16}$  | $2\frac{1}{8}$   | $1\frac{7}{8}$   | $\frac{1}{8}$   | $\frac{15}{32}$ | 3               | $3\frac{11}{16}$ | $\frac{7}{8}$    | 5                | $4\frac{1}{2}$   | $1\frac{1}{2}$  | $\frac{1}{16}$ |
| 12                 | $1\frac{1}{2}$      | $5\frac{15}{32}$ | $4\frac{25}{64}$ | $6\frac{11}{32}$  | $2\frac{25}{64}$ | $2\frac{17}{32}$ | $3\frac{3}{16}$  | $2\frac{13}{32}$ | $\frac{15}{16}$ | $\frac{9}{32}$  | $4\frac{1}{2}$  | $5\frac{17}{32}$ | $1\frac{5}{16}$  | $7\frac{1}{2}$   | $6\frac{3}{4}$   | $2\frac{1}{4}$  | $\frac{3}{32}$ |
| 18                 | $2\frac{1}{4}$      | $7\frac{19}{32}$ | $7\frac{5}{32}$  | $10\frac{13}{32}$ | $3\frac{65}{64}$ | $3\frac{51}{64}$ | $4\frac{25}{32}$ | $4\frac{7}{32}$  | $\frac{9}{32}$  | $\frac{7}{16}$  | $6\frac{3}{4}$  | $8\frac{5}{16}$  | $1\frac{21}{32}$ | $11\frac{1}{4}$  | $10\frac{1}{8}$  | $3\frac{5}{8}$  | $\frac{1}{8}$  |



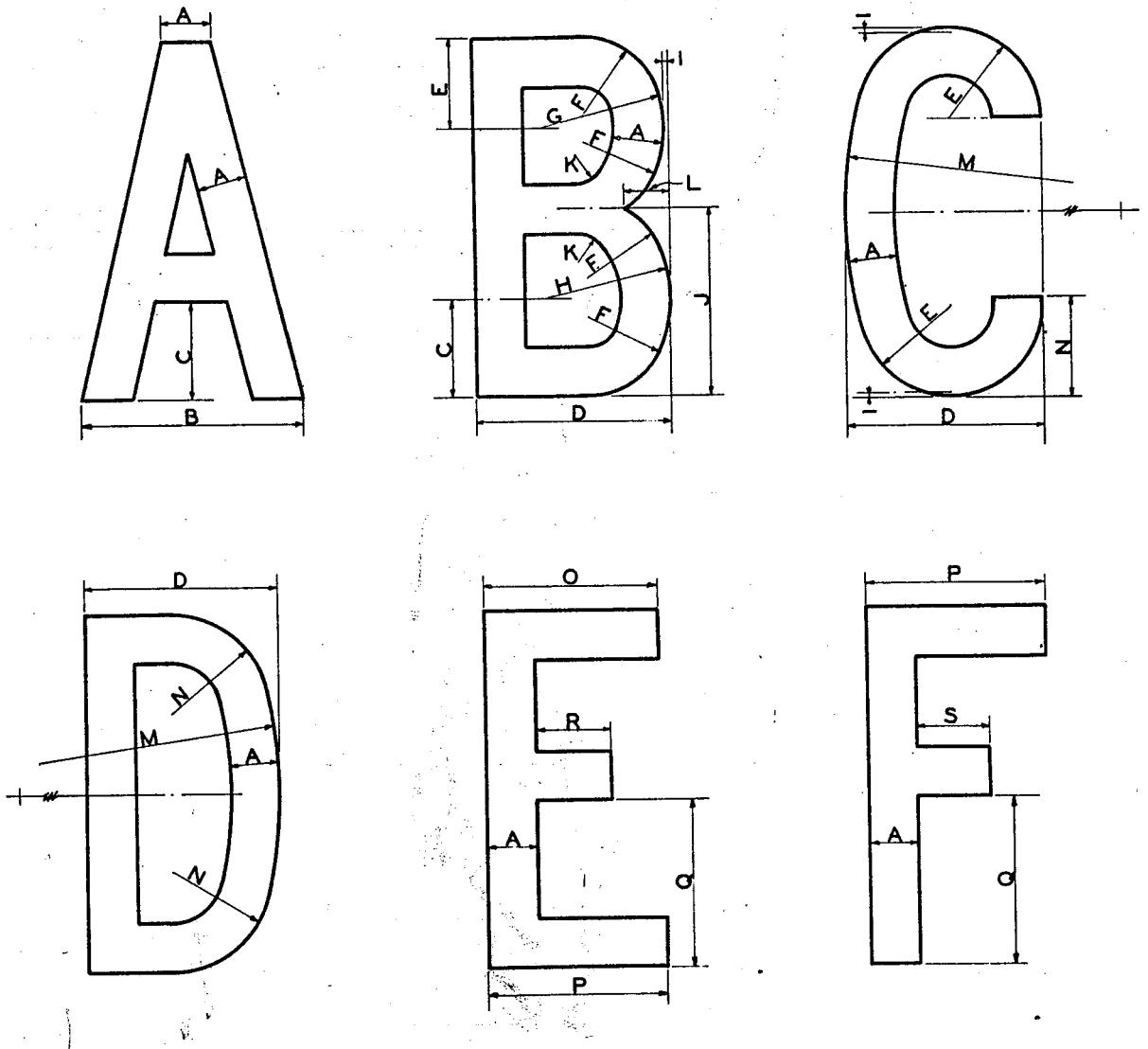
## SERIES B LETTERS AND NUMERALS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                  |                  |                  |                |                  |                  |                  |                  |                  |                  |                 |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                 |
|--------------------|---------------------|------------------|------------------|------------------|----------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|
|                    | A                   | B                | C                | D                | E              | F                | G                | H                | I                | J                | K                | L               | M                | N                | O                | P                | Q                | R                | S                | T                | U                | V                | W                | X               |
| 2                  | $\frac{1}{4}$       | $1\frac{1}{16}$  | $2\frac{9}{32}$  | $2\frac{7}{32}$  | $\frac{3}{16}$ | $\frac{9}{32}$   | $\frac{7}{16}$   | $\frac{3}{32}$   | $\frac{23}{16}$  | $\frac{27}{32}$  | $\frac{7}{16}$   | $\frac{1}{16}$  | $\frac{25}{64}$  | $\frac{31}{32}$  | $\frac{13}{32}$  | $\frac{29}{64}$  | $\frac{19}{32}$  | $\frac{3}{32}$   | $\frac{15}{64}$  | $\frac{31}{32}$  | $\frac{1}{2}$    | $\frac{31}{32}$  |                  |                 |
| 3                  | $\frac{3}{8}$       | $1\frac{19}{32}$ | $1\frac{63}{64}$ | $1\frac{17}{64}$ | $\frac{1}{16}$ | $2\frac{7}{64}$  | $\frac{9}{32}$   | $\frac{15}{64}$  | $\frac{3}{16}$   | $1\frac{5}{64}$  | $\frac{5}{16}$   | $1\frac{1}{16}$ | $2\frac{23}{32}$ | $\frac{19}{32}$  | $\frac{3}{64}$   | $1\frac{11}{64}$ | $1\frac{41}{64}$ | $\frac{39}{64}$  | $\frac{43}{64}$  | $\frac{57}{64}$  | $\frac{9}{64}$   | $\frac{11}{32}$  | $1\frac{29}{64}$ | $\frac{3}{4}$   |
| 4                  | $\frac{1}{2}$       | $2\frac{1}{16}$  | $1\frac{15}{32}$ | $1\frac{15}{32}$ | $\frac{9}{32}$ | $\frac{7}{16}$   | $\frac{3}{8}$    | $\frac{7}{16}$   | $\frac{1}{16}$   | $2\frac{7}{32}$  | $\frac{1}{2}$    | $3\frac{9}{32}$ | $\frac{51}{64}$  | $\frac{15}{16}$  | $2\frac{23}{32}$ | $2\frac{7}{16}$  | $\frac{13}{16}$  | $2\frac{29}{32}$ | $1\frac{3}{16}$  | $1\frac{5}{32}$  | $1\frac{15}{64}$ | $1\frac{15}{32}$ | $1$              |                 |
| 5                  | $\frac{5}{8}$       | $2\frac{21}{32}$ | $2\frac{17}{64}$ | $2\frac{63}{64}$ | $7$            | $\frac{45}{64}$  | $\frac{15}{32}$  | $\frac{23}{64}$  | $\frac{15}{16}$  | $1\frac{31}{64}$ | $1\frac{3}{64}$  | $2\frac{7}{16}$ | $4\frac{31}{32}$ | $1$              | $\frac{5}{64}$   | $2\frac{17}{64}$ | $2\frac{27}{64}$ | $1\frac{1}{64}$  | $1\frac{1}{64}$  | $1\frac{1}{64}$  | $1\frac{1}{64}$  | $1\frac{1}{64}$  | $1\frac{1}{64}$  | $1\frac{1}{64}$ |
| 6                  | $\frac{3}{4}$       | $3\frac{1}{16}$  | $2\frac{23}{32}$ | $2\frac{23}{32}$ | $\frac{9}{32}$ | $\frac{27}{64}$  | $\frac{15}{32}$  | $\frac{3}{8}$    | $2\frac{31}{32}$ | $1\frac{17}{64}$ | $2\frac{7}{64}$  | $5\frac{1}{16}$ | $1\frac{1}{16}$  | $\frac{3}{32}$   | $3\frac{9}{32}$  | $1\frac{7}{32}$  | $1\frac{23}{64}$ | $1\frac{23}{32}$ | $\frac{9}{32}$   | $1\frac{43}{64}$ | $2\frac{29}{64}$ | $1\frac{1}{2}$   | $1\frac{29}{64}$ |                 |
| 7                  | $\frac{7}{8}$       | $3\frac{23}{32}$ | $3\frac{11}{64}$ | $2\frac{61}{64}$ | $\frac{5}{32}$ | $\frac{63}{64}$  | $\frac{21}{32}$  | $\frac{25}{64}$  | $\frac{7}{16}$   | $2\frac{23}{32}$ | $1\frac{15}{32}$ | $3\frac{1}{16}$ | $6\frac{3}{32}$  | $1\frac{25}{64}$ | $\frac{7}{64}$   | $3\frac{15}{32}$ | $3\frac{23}{32}$ | $1\frac{7}{64}$  | $1\frac{27}{64}$ | $2\frac{21}{64}$ | $\frac{21}{64}$  | $1\frac{15}{32}$ | $3\frac{25}{64}$ | $1\frac{3}{4}$  |
| 8                  | 1                   | $4\frac{1}{4}$   | $3\frac{5}{8}$   | $3\frac{3}{16}$  | $\frac{1}{16}$ | $\frac{3}{8}$    | $\frac{5}{16}$   | $\frac{1}{2}$    | $2\frac{7}{16}$  | $1\frac{1}{16}$  | $3\frac{1}{2}$   | $7\frac{1}{16}$ | $1\frac{19}{32}$ | $\frac{1}{16}$   | $4\frac{3}{8}$   | $1\frac{5}{8}$   | $1\frac{13}{16}$ | $2\frac{3}{8}$   | $\frac{5}{8}$    | $1\frac{1}{16}$  | $3\frac{7}{16}$  | $2$              | $3\frac{7}{16}$  |                 |
| 12                 | $1\frac{1}{2}$      | $6\frac{3}{8}$   | $5\frac{7}{16}$  | $5\frac{15}{16}$ | $\frac{9}{32}$ | $1\frac{15}{16}$ | $1\frac{1}{16}$  | $\frac{15}{32}$  | $\frac{3}{4}$    | $4\frac{15}{64}$ | $2\frac{27}{32}$ | $5\frac{1}{16}$ | $10\frac{7}{8}$  | $2\frac{23}{64}$ | $\frac{19}{16}$  | $6\frac{1}{16}$  | $2\frac{15}{16}$ | $2\frac{23}{32}$ | $3\frac{1}{16}$  | $5\frac{1}{16}$  | $1\frac{15}{32}$ | $5\frac{15}{16}$ | $3$              |                 |
| 18                 | $2\frac{1}{4}$      | $9\frac{7}{16}$  | $8\frac{3}{32}$  | $7\frac{19}{32}$ | $7$            | $2\frac{27}{32}$ | $1\frac{15}{16}$ | $1\frac{13}{32}$ | $1\frac{1}{16}$  | $6\frac{15}{64}$ | $3\frac{13}{16}$ | $7\frac{7}{8}$  | $16\frac{5}{16}$ | $3\frac{37}{64}$ | $\frac{3}{32}$   | $10\frac{1}{16}$ | $9\frac{27}{32}$ | $3\frac{31}{32}$ | $4\frac{3}{32}$  | $5\frac{11}{32}$ | $2\frac{1}{8}$   | $8\frac{23}{32}$ | $4\frac{1}{2}$   |                 |



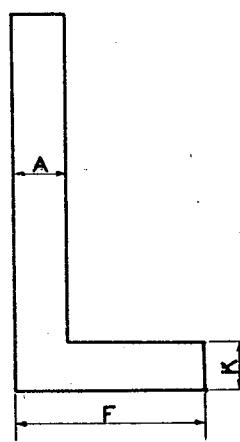
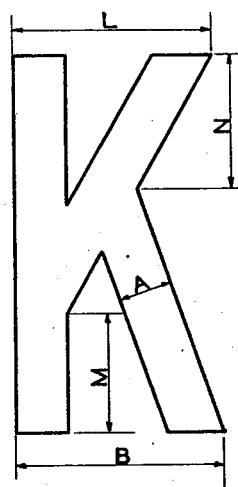
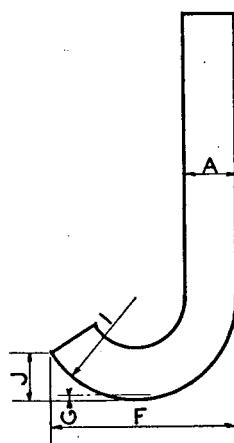
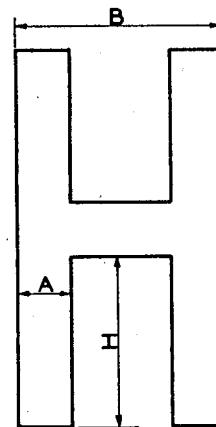
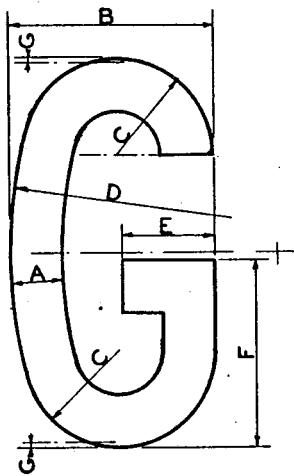
### SERIES B NUMERALS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                  |                 |                 |                  |                  |                  |                  |                  |                  |                   |                   |                  |                  |                   |                  |                |                   |                  |                 |                  |                |                 |                  |                  |
|--------------------|---------------------|------------------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|------------------|------------------|-------------------|------------------|----------------|-------------------|------------------|-----------------|------------------|----------------|-----------------|------------------|------------------|
|                    | A                   | B                | C               | D               | E                | F                | G                | H                | I                | J                | K                 | L                 | M                | N                | O                 | P                | Q              | R                 | S                | T               | U                | V              | W               | X                |                  |
| 2                  | $\frac{1}{4}$       | $\frac{27}{32}$  | $\frac{32}{32}$ | $\frac{15}{16}$ | $\frac{31}{32}$  | $\frac{13}{32}$  | $\frac{25}{64}$  | $\frac{13}{32}$  | $\frac{1}{8}$    | $\frac{17}{32}$  | $\frac{23}{32}$   | $\frac{25}{64}$   | $\frac{39}{64}$  | $\frac{43}{64}$  | $\frac{3}{32}$    | $\frac{1}{16}$   | $\frac{1}{64}$ | $\frac{11}{32}$   | $\frac{3}{32}$   | $\frac{1}{16}$  | $\frac{15}{64}$  | $\frac{3}{64}$ | $\frac{4}{32}$  | $\frac{1}{64}$   |                  |
| 3                  | $\frac{3}{8}$       | $\frac{117}{64}$ | $\frac{64}{64}$ | $\frac{3}{32}$  | $\frac{17}{32}$  | $\frac{129}{64}$ | $\frac{29}{64}$  | $\frac{13}{16}$  | $\frac{41}{64}$  | $\frac{21}{16}$  | $\frac{183}{64}$  | $\frac{263}{64}$  | $\frac{37}{64}$  | $\frac{29}{32}$  | $\frac{69}{64}$   | $\frac{21}{64}$  | $\frac{1}{16}$ | $\frac{1}{2}$     | $\frac{1}{32}$   | $\frac{15}{64}$ | $\frac{6}{64}$   | $6$            | $\frac{55}{64}$ | $\frac{183}{64}$ |                  |
| 4                  | $\frac{1}{2}$       | $\frac{115}{64}$ | $\frac{15}{16}$ | $\frac{1}{8}$   | $\frac{15}{16}$  | $\frac{125}{64}$ | $\frac{13}{16}$  | $\frac{21}{32}$  | $\frac{23}{16}$  | $\frac{21}{16}$  | $\frac{7}{16}$    | $\frac{31}{16}$   | $\frac{25}{32}$  | $\frac{17}{16}$  | $\frac{83}{64}$   | $\frac{7}{16}$   | $2$            | $\frac{23}{32}$   | $\frac{11}{16}$  | $\frac{3}{16}$  | $\frac{15}{64}$  | $\frac{8}{64}$ | $8$             | $\frac{133}{64}$ | $\frac{115}{64}$ |
| 5                  | $\frac{5}{8}$       | $\frac{27}{64}$  | $\frac{5}{64}$  | $\frac{5}{32}$  | $\frac{23}{32}$  | $\frac{263}{64}$ | $\frac{11}{64}$  | $\frac{183}{64}$ | $\frac{247}{64}$ | $\frac{37}{16}$  | $\frac{363}{64}$  | $\frac{439}{64}$  | $\frac{31}{32}$  | $\frac{133}{64}$ | $\frac{101}{64}$  | $\frac{33}{64}$  | $\frac{21}{2}$ | $\frac{23}{64}$   | $\frac{23}{64}$  | $\frac{15}{16}$ | $\frac{25}{64}$  | $10$           | $\frac{7}{16}$  | $\frac{233}{64}$ |                  |
| 6                  | $\frac{3}{4}$       | $\frac{23}{32}$  | $\frac{32}{32}$ | $\frac{3}{32}$  | $\frac{27}{16}$  | $\frac{239}{64}$ | $\frac{17}{32}$  | $\frac{164}{64}$ | $\frac{332}{64}$ | $\frac{43}{8}$   | $\frac{352}{64}$  | $\frac{532}{64}$  | $\frac{164}{64}$ | $\frac{164}{64}$ | $\frac{135}{32}$  | $\frac{31}{32}$  | $3$            | $\frac{33}{32}$   | $\frac{132}{64}$ | $\frac{15}{16}$ | $\frac{32}{64}$  | $12$           | $\frac{47}{64}$ | $\frac{233}{64}$ |                  |
| 7                  | $\frac{7}{8}$       | $\frac{281}{64}$ | $\frac{7}{64}$  | $\frac{7}{32}$  | $\frac{227}{32}$ | $\frac{325}{64}$ | $\frac{127}{64}$ | $\frac{229}{64}$ | $\frac{353}{64}$ | $\frac{413}{16}$ | $\frac{464}{64}$  | $\frac{629}{64}$  | $\frac{123}{64}$ | $\frac{21}{8}$   | $\frac{1515}{64}$ | $\frac{23}{64}$  | $\frac{31}{2}$ | $\frac{43}{32}$   | $\frac{13}{64}$  | $\frac{15}{16}$ | $\frac{34}{64}$  | $14$           | $\frac{21}{64}$ | $\frac{363}{64}$ |                  |
| 8                  | 1                   | $3\frac{3}{8}$   | $\frac{1}{8}$   | $\frac{1}{4}$   | $3\frac{1}{4}$   | $3\frac{1}{8}$   | $\frac{1}{8}$    | $2\frac{7}{8}$   | $4\frac{3}{8}$   | $5\frac{1}{2}$   | $4\frac{7}{8}$    | $7\frac{7}{8}$    | $1\frac{9}{16}$  | $2\frac{7}{8}$   | $17\frac{1}{2}$   | $\frac{7}{8}$    | $4$            | $4\frac{1}{16}$   | $1\frac{9}{16}$  | $1\frac{1}{2}$  | $\frac{5}{8}$    | $16$           | $2\frac{5}{16}$ | $3\frac{5}{8}$   |                  |
| 12                 | $1\frac{1}{2}$      | $5\frac{1}{16}$  | $\frac{3}{16}$  | $\frac{3}{8}$   | $4\frac{7}{8}$   | $5\frac{13}{16}$ | $2\frac{7}{16}$  | $3\frac{3}{2}$   | $6\frac{9}{16}$  | $8\frac{1}{4}$   | $7\frac{5}{16}$   | $11\frac{1}{16}$  | $2\frac{11}{16}$ | $3\frac{31}{32}$ | $26\frac{1}{4}$   | $1\frac{1}{16}$  | $6$            | $7\frac{1}{32}$   | $2\frac{1}{16}$  | $2\frac{1}{4}$  | $\frac{15}{16}$  | $24$           | $3\frac{3}{32}$ | $5\frac{7}{16}$  |                  |
| 18                 | $2\frac{1}{4}$      | $7\frac{19}{32}$ | $\frac{9}{32}$  | $\frac{9}{16}$  | $7\frac{5}{16}$  | $8\frac{3}{32}$  | $3\frac{31}{32}$ | $4\frac{15}{16}$ | $9\frac{27}{32}$ | $12\frac{3}{8}$  | $10\frac{31}{32}$ | $16\frac{19}{32}$ | $3\frac{1}{2}$   | $5\frac{1}{2}$   | $39\frac{3}{8}$   | $1\frac{31}{32}$ | $9$            | $10\frac{17}{32}$ | $3\frac{3}{32}$  | $3\frac{3}{8}$  | $1\frac{13}{32}$ | $36$           | $5\frac{3}{16}$ | $8\frac{5}{32}$  |                  |



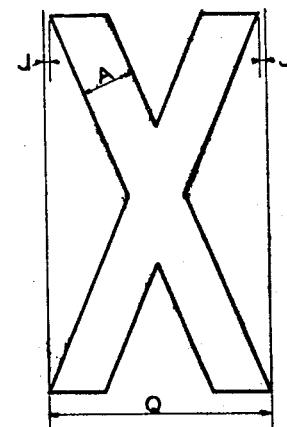
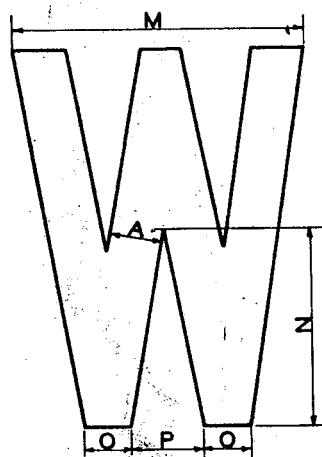
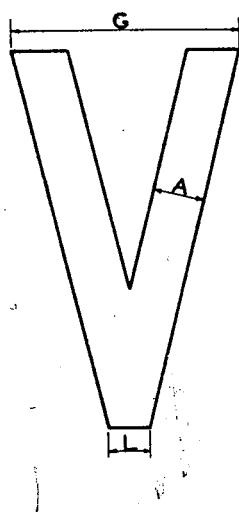
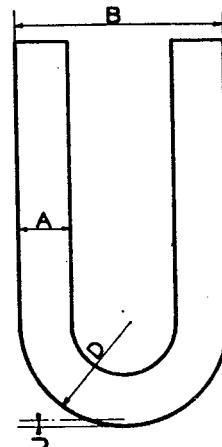
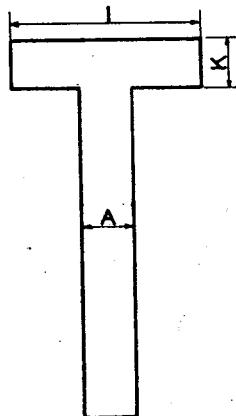
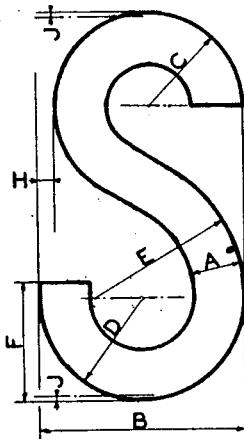
### SERIES C LETTERS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                 |                  |                  |                  |                  |                  |                  |                  |                  |                  |                |                  |                  |                  |                  |                  |                  |                  |
|--------------------|---------------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                    | A                   | B               | C                | D                | E                | F                | G                | H                | I                | J                | K                | L              | M                | N                | O                | P                | Q                | R                | S                |
| 2                  | $\frac{9}{32}$      | $1\frac{1}{4}$  | $\frac{35}{64}$  | $1\frac{3}{32}$  | $\frac{1}{2}$    | $\frac{7}{16}$   | $\frac{33}{32}$  | $\frac{31}{32}$  | $1\frac{5}{64}$  | $\frac{31}{32}$  | $\frac{1}{4}$    | $2\frac{1}{2}$ | $\frac{9}{16}$   | $\frac{31}{32}$  | 1                | $1\frac{15}{16}$ | $\frac{27}{64}$  | $1\frac{13}{32}$ |                  |
| 3                  | $\frac{27}{64}$     | $1\frac{7}{8}$  | $1\frac{13}{16}$ | $1\frac{41}{64}$ | $\frac{3}{4}$    | $\frac{31}{32}$  | $1\frac{3}{32}$  | $1\frac{5}{64}$  | $\frac{3}{4}$    | $1\frac{9}{64}$  | $\frac{15}{64}$  | $\frac{3}{8}$  | $3\frac{3}{4}$   | $\frac{27}{32}$  | $1\frac{29}{64}$ | $1\frac{1}{2}$   | $1\frac{13}{32}$ | $\frac{5}{64}$   | $\frac{39}{64}$  |
| 4                  | $\frac{9}{16}$      | $2\frac{1}{2}$  | $1\frac{3}{32}$  | $2\frac{3}{16}$  | $1\frac{63}{64}$ | $\frac{7}{8}$    | $1\frac{3}{8}$   | $1\frac{7}{16}$  | $1\frac{1}{16}$  | $2\frac{3}{32}$  | $\frac{15}{32}$  | $\frac{1}{2}$  | 5                | $1\frac{5}{16}$  | $1\frac{11}{16}$ | 2                | $1\frac{7}{8}$   | $\frac{27}{16}$  | $1\frac{13}{16}$ |
| 5                  | $\frac{45}{64}$     | $3\frac{1}{8}$  | $1\frac{25}{64}$ | $2\frac{27}{64}$ | $1\frac{7}{64}$  | $\frac{3}{2}$    | $1\frac{27}{32}$ | $1\frac{5}{64}$  | $\frac{5}{64}$   | $2\frac{29}{64}$ | $\frac{25}{64}$  | $\frac{5}{8}$  | $6\frac{1}{4}$   | $1\frac{13}{32}$ | $2\frac{27}{64}$ | $2\frac{1}{2}$   | $2\frac{11}{32}$ | $1\frac{13}{64}$ | $\frac{13}{64}$  |
| 6                  | $\frac{27}{32}$     | $3\frac{3}{4}$  | $1\frac{41}{64}$ | $3\frac{9}{32}$  | $1\frac{33}{64}$ | $1\frac{15}{16}$ | $2\frac{1}{16}$  | $2\frac{5}{32}$  | $\frac{3}{32}$   | $3\frac{9}{64}$  | $\frac{15}{32}$  | $\frac{7}{4}$  | $7\frac{1}{2}$   | $1\frac{15}{16}$ | $2\frac{29}{32}$ | 3                | $2\frac{11}{16}$ | $1\frac{17}{64}$ | $1\frac{3}{32}$  |
| 7                  | $\frac{81}{64}$     | $4\frac{3}{8}$  | $3\frac{25}{64}$ | $3\frac{23}{64}$ | $1\frac{7}{32}$  | $2\frac{13}{32}$ | $2\frac{23}{64}$ | $2\frac{7}{64}$  | $3\frac{21}{64}$ | $\frac{21}{32}$  | $\frac{7}{8}$    | $8\frac{3}{4}$ | $1\frac{13}{32}$ | $3\frac{25}{64}$ | $3\frac{1}{2}$   | $3\frac{9}{32}$  | $1\frac{15}{32}$ | $1\frac{13}{64}$ |                  |
| 8                  | $1\frac{1}{8}$      | 5               | $2\frac{3}{16}$  | $4\frac{3}{8}$   | $2\frac{3}{32}$  | $1\frac{3}{4}$   | $2\frac{3}{4}$   | $2\frac{7}{8}$   | $\frac{1}{8}$    | $4\frac{3}{16}$  | $\frac{5}{8}$    | 1              | 10               | $2\frac{1}{4}$   | $3\frac{7}{8}$   | 4                | $3\frac{3}{4}$   | $1\frac{1}{16}$  | $1\frac{7}{8}$   |
| 12                 | $1\frac{15}{16}$    | $7\frac{1}{2}$  | $3\frac{3}{32}$  | $6\frac{7}{16}$  | $3\frac{7}{64}$  | $2\frac{5}{8}$   | $4\frac{1}{8}$   | $4\frac{15}{16}$ | $\frac{15}{16}$  | $3\frac{3}{32}$  | $\frac{15}{16}$  | $1\frac{1}{2}$ | 15               | $3\frac{3}{8}$   | $5\frac{13}{16}$ | 6                | $5\frac{5}{8}$   | $2\frac{27}{32}$ | $2\frac{7}{16}$  |
| 18                 | $2\frac{27}{32}$    | $11\frac{1}{4}$ | $4\frac{5}{8}$   | $9\frac{27}{32}$ | $4\frac{9}{16}$  | $3\frac{15}{16}$ | $6\frac{3}{16}$  | $6\frac{15}{32}$ | $\frac{9}{32}$   | $9\frac{7}{16}$  | $1\frac{13}{32}$ | $2\frac{1}{4}$ | $22\frac{1}{2}$  | $5\frac{1}{16}$  | $8\frac{23}{32}$ | 9                | $8\frac{7}{16}$  | $3\frac{13}{16}$ | $3\frac{21}{32}$ |



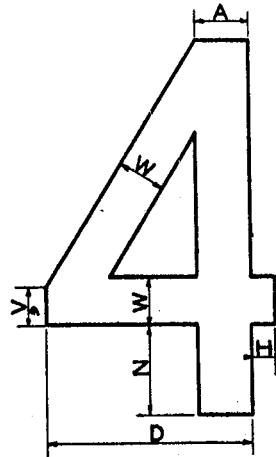
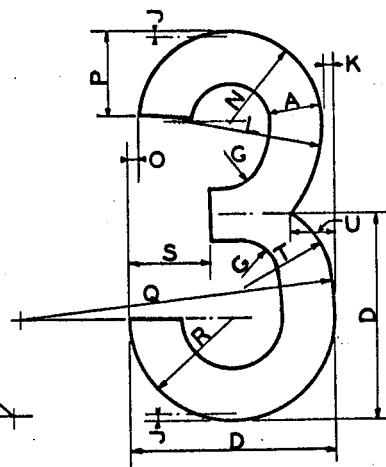
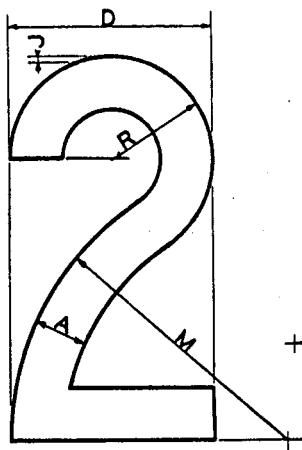
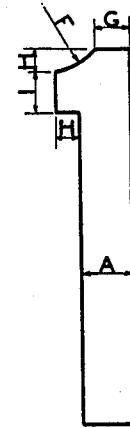
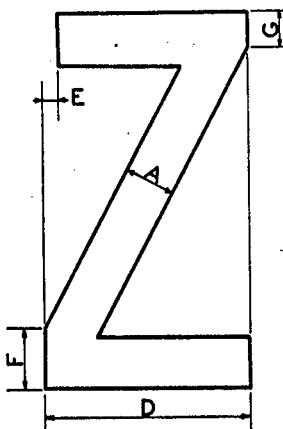
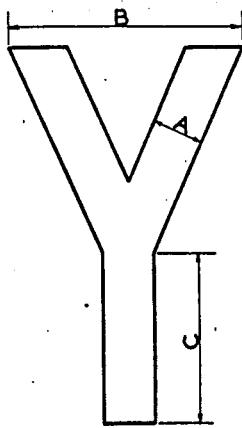
### SERIES C LETTERS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                  |                  |                 |                |                |                |                  |                  |                |                  |                  |                  |                  |
|--------------------|---------------------|------------------|------------------|-----------------|----------------|----------------|----------------|------------------|------------------|----------------|------------------|------------------|------------------|------------------|
|                    | A                   | B                | C                | D               | E              | F              | G              | H                | I                | J              | K                | L                | M                | N                |
| 2                  | $\frac{9}{32}$      | $1\frac{3}{32}$  | $\frac{1}{2}$    | $2\frac{1}{2}$  | $\frac{1}{2}$  | 1              | $\frac{1}{32}$ | $2\frac{9}{32}$  | $1\frac{7}{32}$  | $\frac{1}{4}$  | $1\frac{7}{64}$  | $\frac{3}{64}$   | $\frac{11}{64}$  | $\frac{5}{64}$   |
| 3                  | $\frac{27}{64}$     | $1\frac{11}{64}$ | $\frac{3}{4}$    | $3\frac{3}{4}$  | $\frac{3}{4}$  | $1\frac{1}{2}$ | $\frac{3}{64}$ | $1\frac{23}{64}$ | $5\frac{51}{64}$ | $\frac{7}{8}$  | $2\frac{5}{64}$  | $1\frac{9}{16}$  | $\frac{51}{64}$  | $1\frac{3}{64}$  |
| 4                  | $\frac{9}{16}$      | $2\frac{3}{16}$  | $1\frac{1}{64}$  | 5               | 1              | 2              | $\frac{1}{16}$ | $1\frac{13}{16}$ | $1\frac{1}{16}$  | $\frac{1}{2}$  | $1\frac{7}{32}$  | $2\frac{3}{32}$  | $1\frac{9}{32}$  | $1\frac{13}{32}$ |
| 5                  | $\frac{45}{64}$     | $2\frac{47}{64}$ | $1\frac{17}{64}$ | $6\frac{1}{4}$  | $1\frac{1}{4}$ | $2\frac{1}{2}$ | $\frac{5}{64}$ | $2\frac{17}{64}$ | $1\frac{21}{64}$ | $\frac{3}{8}$  | $2\frac{29}{64}$ | $1\frac{19}{32}$ | $1\frac{3}{4}$   | $2\frac{7}{64}$  |
| 6                  | $\frac{27}{32}$     | $3\frac{9}{32}$  | $1\frac{33}{64}$ | $7\frac{1}{2}$  | $1\frac{1}{2}$ | 3              | $\frac{3}{32}$ | $2\frac{23}{32}$ | $1\frac{19}{32}$ | $\frac{3}{4}$  | $5\frac{51}{64}$ | $3\frac{9}{64}$  | $1\frac{13}{64}$ | $2\frac{7}{64}$  |
| 7                  | $\frac{63}{64}$     | $3\frac{53}{64}$ | $1\frac{49}{64}$ | $8\frac{3}{4}$  | $1\frac{3}{4}$ | $3\frac{1}{2}$ | $\frac{7}{64}$ | $3\frac{11}{64}$ | $1\frac{55}{64}$ | $\frac{7}{8}$  | $3\frac{59}{64}$ | $3\frac{61}{32}$ | $2\frac{15}{64}$ | $2\frac{29}{64}$ |
| 8                  | $1\frac{1}{8}$      | $4\frac{3}{8}$   | $2\frac{3}{32}$  | 10              | 2              | 4              | $\frac{1}{8}$  | $3\frac{5}{8}$   | $2\frac{5}{8}$   | 1              | $1\frac{1}{16}$  | $4\frac{3}{16}$  | $2\frac{9}{16}$  | $2\frac{13}{16}$ |
| 12                 | $1\frac{11}{16}$    | $6\frac{9}{16}$  | $3\frac{3}{64}$  | 15              | 3              | 6              | $\frac{3}{16}$ | $5\frac{7}{16}$  | $3\frac{3}{16}$  | $1\frac{1}{2}$ | $1\frac{19}{32}$ | $6\frac{9}{32}$  | $3\frac{27}{32}$ | $4\frac{7}{32}$  |
| 18                 | $2\frac{17}{32}$    | $9\frac{27}{32}$ | $4\frac{9}{16}$  | $22\frac{1}{2}$ | $4\frac{1}{2}$ | 9              | $\frac{9}{32}$ | $8\frac{5}{32}$  | $4\frac{25}{32}$ | $2\frac{1}{4}$ | $2\frac{3}{8}$   | $9\frac{7}{16}$  | $5\frac{3}{4}$   | $6\frac{5}{16}$  |



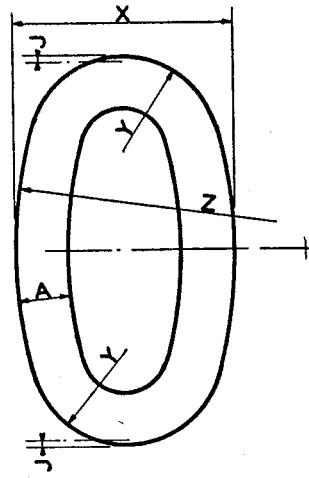
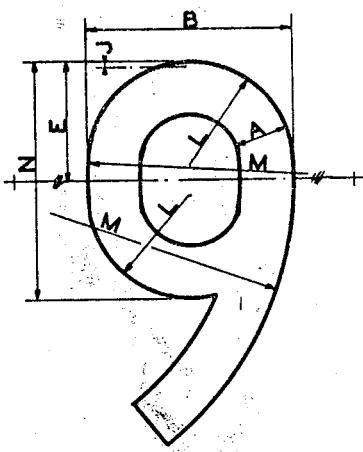
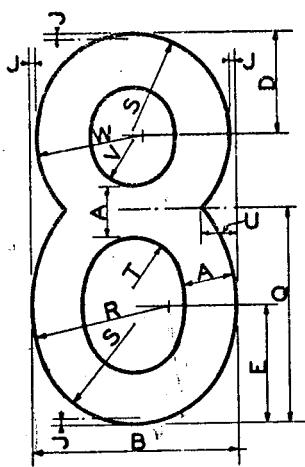
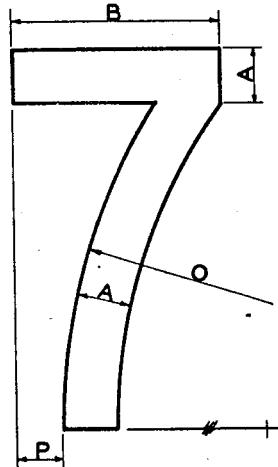
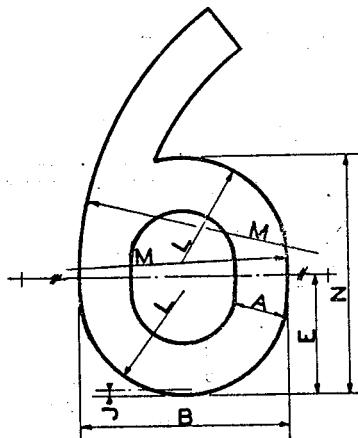
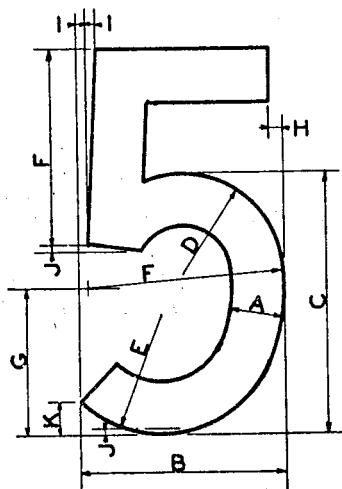
### SERIES C LETTERS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                  |                |                  |                  |                  |                   |                 |                |                |                  |                  |                 |                  |                |                 |                  |
|--------------------|---------------------|------------------|----------------|------------------|------------------|------------------|-------------------|-----------------|----------------|----------------|------------------|------------------|-----------------|------------------|----------------|-----------------|------------------|
|                    | A                   | B                | C              | D                | E                | F                | G                 | H               | I              | J              | K                | L                | M               | N                | O              | P               | Q                |
| 2                  | $\frac{3}{32}$      | $1\frac{3}{32}$  | $\frac{1}{2}$  | $\frac{35}{64}$  | $1\frac{3}{16}$  | $\frac{5}{8}$    | $1\frac{3}{32}$   | $\frac{3}{2}$   | 1              | $\frac{3}{32}$ | $\frac{63}{64}$  | $\frac{3}{2}$    | $1\frac{1}{2}$  | $1\frac{1}{32}$  | $\frac{1}{4}$  | $\frac{1}{8}$   | $\frac{13}{64}$  |
| 3                  | $\frac{27}{64}$     | $1\frac{41}{64}$ | $\frac{3}{4}$  | $1\frac{13}{32}$ | $1\frac{7}{16}$  | $\frac{15}{16}$  | $1\frac{23}{32}$  | $\frac{9}{16}$  | $1\frac{1}{2}$ | $\frac{3}{64}$ | $1\frac{25}{64}$ | $\frac{21}{64}$  | $2\frac{1}{4}$  | $1\frac{9}{16}$  | $\frac{5}{8}$  | $\frac{9}{16}$  | $1\frac{1}{4}$   |
| 4                  | $\frac{9}{16}$      | $2\frac{3}{16}$  | 1              | $1\frac{3}{32}$  | $1\frac{5}{8}$   | $1\frac{1}{4}$   | $2\frac{7}{16}$   | $\frac{7}{16}$  | 2              | $\frac{1}{16}$ | $1\frac{7}{32}$  | $\frac{7}{16}$   | 3               | $2\frac{3}{32}$  | $\frac{1}{8}$  | $\frac{3}{4}$   | $2\frac{1}{32}$  |
| 5                  | $\frac{27}{64}$     | $2\frac{27}{64}$ | $1\frac{1}{4}$ | $1\frac{21}{32}$ | $2\frac{1}{32}$  | $1\frac{15}{16}$ | $2\frac{1}{32}$   | $1\frac{1}{16}$ | $2\frac{1}{2}$ | $\frac{3}{64}$ | $2\frac{1}{32}$  | $1\frac{1}{16}$  | $3\frac{3}{32}$ | $2\frac{23}{64}$ | $\frac{5}{8}$  | $\frac{15}{16}$ | $2\frac{1}{64}$  |
| 6                  | $\frac{27}{32}$     | $3\frac{9}{32}$  | $1\frac{1}{2}$ | $1\frac{41}{64}$ | $2\frac{7}{16}$  | $1\frac{5}{8}$   | $3\frac{21}{32}$  | $2\frac{3}{16}$ | 3              | $\frac{3}{32}$ | $1\frac{21}{64}$ | $\frac{21}{32}$  | $4\frac{1}{2}$  | $3\frac{3}{64}$  | $\frac{3}{4}$  | $1\frac{1}{8}$  | $3\frac{33}{64}$ |
| 7                  | $\frac{63}{64}$     | $3\frac{23}{32}$ | $1\frac{3}{4}$ | $1\frac{29}{32}$ | $2\frac{27}{32}$ | $2\frac{3}{16}$  | $4\frac{17}{64}$  | $2\frac{1}{16}$ | $3\frac{1}{2}$ | $\frac{7}{64}$ | $2\frac{29}{64}$ | $\frac{19}{32}$  | $5\frac{1}{4}$  | $3\frac{31}{32}$ | $\frac{7}{8}$  | $1\frac{5}{16}$ | $4\frac{3}{32}$  |
| 8                  | $\frac{1}{8}$       | $4\frac{3}{8}$   | 2              | $2\frac{3}{16}$  | $3\frac{1}{4}$   | $2\frac{1}{2}$   | $4\frac{7}{8}$    | $\frac{3}{8}$   | 4              | $\frac{1}{16}$ | $1\frac{1}{16}$  | $\frac{7}{8}$    | 6               | $4\frac{3}{16}$  | $1$            | $1\frac{1}{2}$  | $4\frac{1}{16}$  |
| 12                 | $1\frac{11}{16}$    | $6\frac{9}{16}$  | 3              | $3\frac{3}{32}$  | $4\frac{7}{8}$   | $3\frac{3}{4}$   | $7\frac{5}{16}$   | $\frac{15}{16}$ | 6              | $\frac{3}{16}$ | $1\frac{19}{32}$ | $1\frac{1}{16}$  | 9               | $6\frac{3}{32}$  | $1\frac{1}{2}$ | $2\frac{1}{4}$  | $7\frac{3}{32}$  |
| 18                 | $2\frac{17}{32}$    | $9\frac{27}{32}$ | $4\frac{1}{2}$ | $4\frac{15}{32}$ | $7\frac{5}{16}$  | $5\frac{5}{8}$   | $10\frac{31}{32}$ | $2\frac{7}{32}$ | 9              | $\frac{9}{32}$ | $2\frac{3}{8}$   | $1\frac{11}{32}$ | $12\frac{1}{2}$ | $9\frac{7}{16}$  | $2\frac{1}{4}$ | $3\frac{3}{8}$  | $10\frac{9}{16}$ |



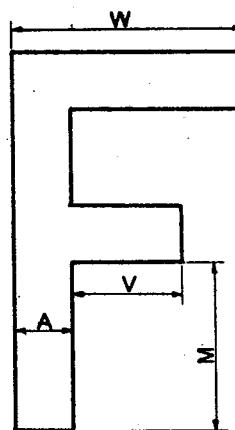
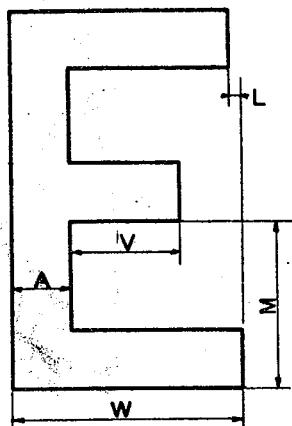
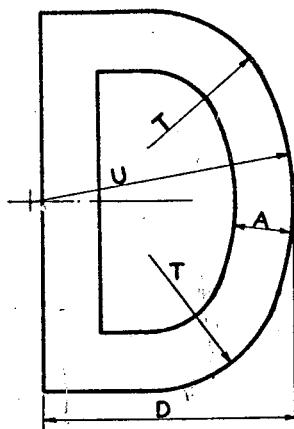
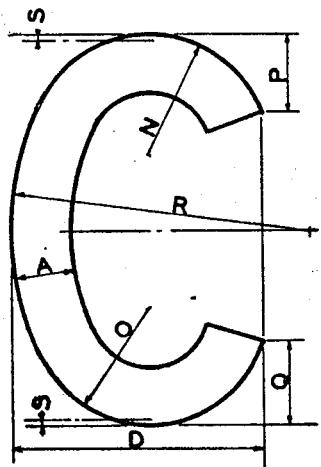
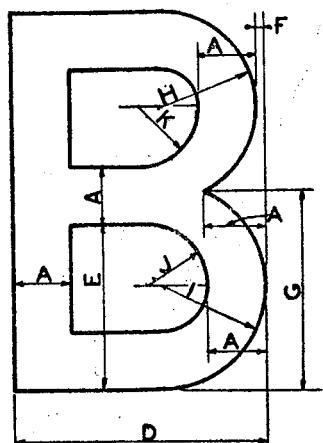
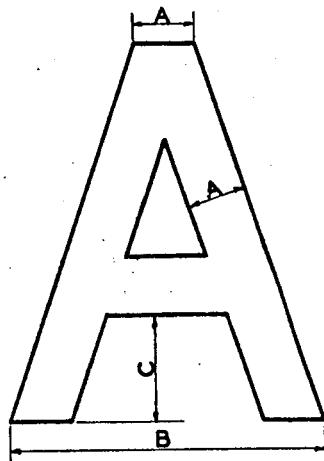
### SERIES C LETTERS AND NUMERALS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                 |                  |                  |                 |                  |                 |                |                  |                  |                 |                |                 |                   |                 |                   |                   |                  |                  |                  |                  |                 |                  |
|--------------------|---------------------|-----------------|------------------|------------------|-----------------|------------------|-----------------|----------------|------------------|------------------|-----------------|----------------|-----------------|-------------------|-----------------|-------------------|-------------------|------------------|------------------|------------------|------------------|-----------------|------------------|
|                    | A                   | B               | C                | D                | E               | F                | G               | H              | I                | J                | K               | L              | M               | N                 | O               | P                 | Q                 | R                | S                | T                | U                | V               | W                |
| 2                  | $\frac{3}{32}$      | $1\frac{1}{4}$  | $\frac{29}{32}$  | $1\frac{3}{32}$  | $\frac{3}{4}$   | $\frac{7}{16}$   | $\frac{7}{8}$   | $\frac{1}{2}$  | $\frac{31}{32}$  | $\frac{31}{32}$  | $\frac{3}{4}$   | $\frac{3}{4}$  | $1\frac{1}{2}$  | $\frac{21}{32}$   | $\frac{29}{32}$ | $\frac{25}{32}$   | $1\frac{1}{32}$   | $\frac{25}{32}$  | $\frac{7}{16}$   | $\frac{35}{32}$  | $\frac{15}{32}$  | $\frac{15}{32}$ | $\frac{15}{32}$  |
| 3                  | $\frac{27}{64}$     | $1\frac{7}{8}$  | $1\frac{23}{32}$ | $1\frac{21}{64}$ | $\frac{7}{64}$  | $\frac{15}{32}$  | $\frac{9}{32}$  | $\frac{5}{16}$ | $\frac{21}{64}$  | $\frac{3}{64}$   | $\frac{1}{16}$  | $1\frac{1}{8}$ | $2\frac{1}{4}$  | $\frac{23}{32}$   | $\frac{3}{32}$  | $\frac{23}{32}$   | $2\frac{21}{32}$  | $\frac{13}{16}$  | $\frac{35}{32}$  | $\frac{25}{32}$  | $\frac{25}{32}$  | $\frac{25}{32}$ | $\frac{25}{32}$  |
| 4                  | $\frac{9}{16}$      | $2\frac{1}{2}$  | $1\frac{13}{32}$ | $2\frac{7}{16}$  | $\frac{3}{2}$   | $\frac{9}{8}$    | $\frac{7}{4}$   | $\frac{1}{2}$  | $\frac{7}{16}$   | $\frac{1}{16}$   | $\frac{31}{32}$ | $1\frac{1}{2}$ | $3$             | $\frac{31}{32}$   | $\frac{1}{8}$   | $\frac{29}{32}$   | $3\frac{5}{16}$   | $1\frac{1}{32}$  | $\frac{7}{8}$    | $\frac{15}{16}$  | $\frac{15}{16}$  | $\frac{15}{16}$ | $\frac{15}{16}$  |
| 5                  | $\frac{23}{64}$     | $3\frac{1}{8}$  | $2\frac{17}{32}$ | $2\frac{21}{64}$ | $\frac{7}{16}$  | $\frac{25}{32}$  | $\frac{15}{32}$ | $\frac{5}{16}$ | $\frac{21}{32}$  | $\frac{5}{32}$   | $\frac{5}{32}$  | $\frac{7}{4}$  | $1\frac{1}{8}$  | $3\frac{3}{4}$    | $\frac{13}{32}$ | $\frac{3}{32}$    | $\frac{13}{32}$   | $4\frac{9}{32}$  | $1\frac{21}{32}$ | $1\frac{1}{32}$  | $1\frac{1}{32}$  | $\frac{25}{32}$ | $\frac{21}{32}$  |
| 6                  | $\frac{27}{32}$     | $3\frac{3}{4}$  | $2\frac{23}{32}$ | $3\frac{9}{32}$  | $\frac{15}{64}$ | $\frac{15}{16}$  | $\frac{9}{8}$   | $\frac{7}{4}$  | $\frac{21}{32}$  | $\frac{31}{32}$  | $\frac{3}{2}$   | $2\frac{1}{4}$ | $4\frac{1}{2}$  | $\frac{129}{128}$ | $\frac{17}{16}$ | $\frac{129}{128}$ | $4\frac{21}{128}$ | $1\frac{1}{64}$  | $\frac{17}{16}$  | $\frac{13}{32}$  | $\frac{65}{64}$  | $\frac{65}{64}$ | $\frac{65}{64}$  |
| 7                  | $\frac{63}{64}$     | $4\frac{3}{8}$  | $3\frac{11}{32}$ | $3\frac{23}{64}$ | $1\frac{7}{64}$ | $1\frac{31}{32}$ | $2\frac{1}{2}$  | $\frac{7}{8}$  | $\frac{21}{64}$  | $\frac{7}{64}$   | $\frac{25}{32}$ | $2\frac{5}{4}$ | $5\frac{1}{4}$  | $1\frac{1}{16}$   | $\frac{7}{32}$  | $1\frac{27}{32}$  | $5\frac{51}{32}$  | $1\frac{23}{32}$ | $1\frac{17}{32}$ | $1\frac{1}{64}$  | $\frac{13}{16}$  | $\frac{25}{32}$ | $\frac{25}{32}$  |
| 8                  | $1\frac{1}{8}$      | 5               | $3\frac{5}{8}$   | $4\frac{3}{8}$   | $\frac{9}{8}$   | $1\frac{1}{4}$   | $\frac{3}{4}$   | $\frac{1}{2}$  | $\frac{7}{8}$    | $\frac{1}{8}$    | $\frac{3}{16}$  | 3              | 6               | $1\frac{15}{16}$  | $\frac{1}{4}$   | $1\frac{13}{16}$  | $6\frac{5}{8}$    | $2\frac{3}{16}$  | $1\frac{3}{4}$   | $1\frac{7}{16}$  | $\frac{15}{16}$  | $\frac{15}{16}$ | $\frac{15}{16}$  |
| 12                 | $1\frac{11}{16}$    | $7\frac{1}{2}$  | $5\frac{7}{8}$   | $6\frac{9}{16}$  | $\frac{31}{32}$ | $1\frac{7}{8}$   | $1\frac{1}{8}$  | $\frac{3}{4}$  | $1\frac{15}{16}$ | $1\frac{15}{16}$ | $\frac{3}{16}$  | $2\frac{1}{2}$ | $9$             | $2\frac{15}{16}$  | $\blacksquare$  | $2\frac{23}{32}$  | $9\frac{15}{16}$  | $3\frac{9}{32}$  | $2\frac{5}{8}$   | $2\frac{13}{16}$ | $1\frac{1}{32}$  | $1\frac{7}{32}$ | $1\frac{15}{32}$ |
| 18                 | $2\frac{17}{32}$    | $11\frac{1}{4}$ | $8\frac{5}{32}$  | $9\frac{7}{16}$  | $\frac{11}{16}$ | $2\frac{13}{16}$ | $1\frac{1}{16}$ | $\frac{1}{8}$  | $1\frac{31}{32}$ | $\frac{3}{32}$   | $\frac{7}{16}$  | $6\frac{3}{4}$ | $13\frac{1}{2}$ | $1\frac{7}{16}$   | $\frac{9}{16}$  | $14\frac{29}{32}$ | $4\frac{13}{16}$  | $3\frac{15}{16}$ | $4\frac{7}{32}$  | $2\frac{5}{8}$   | $1\frac{13}{16}$ | $2\frac{3}{8}$  |                  |



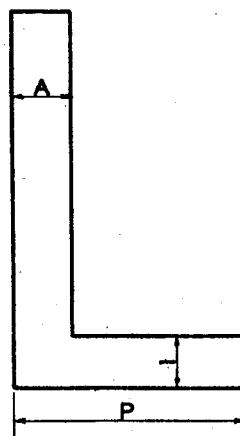
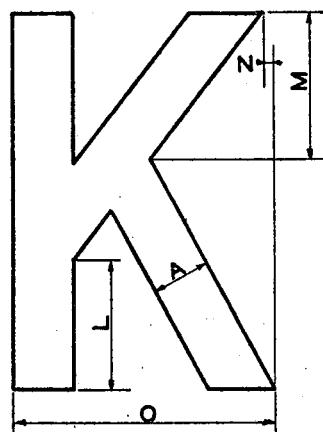
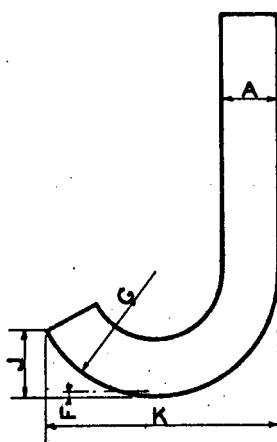
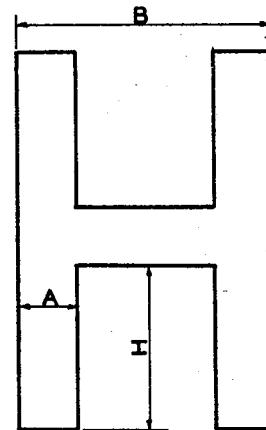
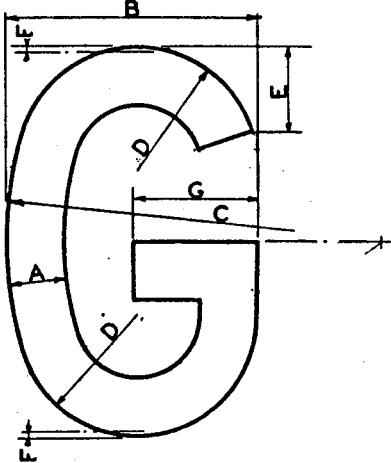
### SERIES C NUMERALS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                  |                 |                  |                 |                  |                  |                  |                 |                 |                 |                  |                 |                 |                   |                 |                  |                  |                  |                  |                  |                  |                  |                   |                  |                  |                |
|--------------------|---------------------|------------------|-----------------|------------------|-----------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|------------------|-----------------|-----------------|-------------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|----------------|
|                    | A                   | B                | C               | D                | E               | F                | G                | H                | I               | J               | K               | L                | M               | N               | O                 | P               | Q                | R                | S                | T                | U                | V                | W                | X                 | Y                | Z                |                |
| 2                  | $\frac{9}{32}$      | $1\frac{3}{32}$  | $1\frac{3}{8}$  | $\frac{17}{32}$  | $\frac{5}{8}$   | $1\frac{31}{32}$ | $\frac{29}{32}$  | $\frac{61}{64}$  | $\frac{63}{64}$ | $\frac{32}{64}$ | $\frac{61}{64}$ | $\frac{63}{64}$  | $\frac{13}{16}$ | $\frac{1}{16}$  | $3\frac{3}{16}$   | $\frac{1}{4}$   | $1\frac{1}{8}$   | $\frac{3}{4}$    | $3\frac{3}{64}$  | $\frac{15}{64}$  | $\frac{7}{16}$   | $\frac{1}{32}$   | $\frac{41}{64}$  | $1\frac{5}{32}$   | $\frac{1}{2}$    | $2\frac{1}{2}$   |                |
| 3                  | $\frac{21}{64}$     | $1\frac{41}{64}$ | $2\frac{1}{16}$ | $\frac{21}{64}$  | $\frac{15}{64}$ | $1\frac{35}{64}$ | $1\frac{11}{64}$ | $\frac{61}{64}$  | $\frac{17}{16}$ | $\frac{5}{64}$  | $\frac{1}{4}$   | $\frac{13}{16}$  | $2\frac{5}{8}$  | $1\frac{7}{8}$  | $4\frac{25}{32}$  | $\frac{3}{8}$   | $1\frac{11}{16}$ | $1\frac{1}{8}$   | $4\frac{9}{64}$  | $1\frac{11}{32}$ | $\frac{9}{32}$   | $\frac{21}{64}$  | $\frac{51}{64}$  | $1\frac{97}{64}$  | $\frac{3}{4}$    | $3\frac{3}{4}$   |                |
| 4                  | $\frac{9}{16}$      | $2\frac{3}{16}$  | $2\frac{3}{4}$  | $1\frac{7}{16}$  | $1\frac{1}{4}$  | $2\frac{1}{16}$  | $1\frac{9}{16}$  | $\frac{5}{32}$   | $\frac{3}{2}$   | $\frac{16}{32}$ | $\frac{11}{32}$ | $1\frac{3}{2}$   | $2\frac{1}{2}$  | $6\frac{5}{8}$  | $\frac{1}{2}$     | $2\frac{1}{4}$  | $1\frac{23}{32}$ | $1\frac{1}{32}$  | $\frac{15}{32}$  | $\frac{3}{8}$    | $\frac{7}{16}$   | $1\frac{9}{32}$  | $2\frac{5}{16}$  | $1\frac{1}{64}$   | $5$              |                  |                |
| 5                  | $\frac{45}{64}$     | $2\frac{47}{64}$ | $3\frac{7}{16}$ | $1\frac{21}{64}$ | $\frac{9}{16}$  | $2\frac{37}{64}$ | $1\frac{61}{64}$ | $\frac{3}{16}$   | $\frac{7}{16}$  | $\frac{5}{64}$  | $\frac{27}{64}$ | $1\frac{23}{64}$ | $4\frac{3}{8}$  | $3\frac{3}{8}$  | $7\frac{31}{32}$  | $\frac{5}{8}$   | $2\frac{13}{16}$ | $1\frac{27}{64}$ | $1\frac{3}{32}$  | $\frac{27}{32}$  | $1\frac{19}{64}$ | $1\frac{15}{32}$ | $\frac{57}{64}$  | $2\frac{6}{64}$   | $1\frac{63}{64}$ | $\frac{17}{64}$  |                |
| 6                  | $\frac{27}{32}$     | $3\frac{9}{32}$  | $4\frac{1}{8}$  | $1\frac{19}{32}$ | $\frac{7}{8}$   | $3\frac{3}{32}$  | $2\frac{11}{32}$ | $1\frac{15}{64}$ | $\frac{9}{64}$  | $\frac{3}{32}$  | $\frac{33}{64}$ | $1\frac{41}{64}$ | $\frac{1}{16}$  | $5\frac{1}{4}$  | $3\frac{3}{4}$    | $9\frac{9}{16}$ | $\frac{3}{4}$    | $3\frac{3}{8}$   | $2\frac{23}{64}$ | $1\frac{25}{64}$ | $\frac{9}{64}$   | $\frac{7}{16}$   | $\frac{31}{32}$  | $1\frac{63}{64}$  | $3\frac{3}{32}$  | $1\frac{33}{64}$ | $7\frac{1}{2}$ |
| 7                  | $\frac{53}{64}$     | $3\frac{53}{64}$ | $4\frac{1}{16}$ | $1\frac{23}{16}$ | $2\frac{3}{16}$ | $3\frac{29}{64}$ | $2\frac{47}{64}$ | $1\frac{7}{64}$  | $\frac{32}{64}$ | $\frac{7}{64}$  | $\frac{19}{64}$ | $2\frac{9}{64}$  | $6\frac{1}{8}$  | $4\frac{3}{8}$  | $11\frac{32}{64}$ | $\frac{7}{6}$   | $3\frac{15}{16}$ | $2\frac{21}{32}$ | $1\frac{64}{64}$ | $\frac{17}{16}$  | $\frac{21}{32}$  | $2\frac{9}{64}$  | $4\frac{9}{64}$  | $1\frac{1}{4}$    | $\frac{3}{8}$    |                  |                |
| 8                  | $1\frac{1}{2}$      | $4\frac{3}{8}$   | $5\frac{1}{2}$  | $2\frac{1}{8}$   | $2\frac{1}{2}$  | $4\frac{1}{8}$   | $3\frac{1}{8}$   | $\frac{5}{16}$   | $\frac{7}{16}$  | $\frac{1}{8}$   | $\frac{15}{16}$ | $2\frac{15}{16}$ | $7$             | $5$             | $12\frac{3}{4}$   | $1$             | $4\frac{1}{2}$   | $3\frac{32}{64}$ | $2\frac{1}{16}$  | $\frac{15}{16}$  | $\frac{3}{8}$    | $\frac{7}{16}$   | $2\frac{9}{64}$  | $4\frac{9}{64}$   | $2\frac{1}{32}$  | $10$             |                |
| 12                 | $1\frac{11}{16}$    | $6\frac{9}{16}$  | $8\frac{1}{4}$  | $3\frac{3}{16}$  | $3\frac{3}{4}$  | $6\frac{3}{16}$  | $4\frac{15}{16}$ | $5\frac{9}{16}$  | $\frac{15}{32}$ | $\frac{9}{32}$  | $\frac{13}{32}$ | $3\frac{9}{32}$  | $10\frac{1}{2}$ | $7\frac{1}{2}$  | $19\frac{8}{16}$  | $1\frac{1}{2}$  | $6\frac{3}{4}$   | $4\frac{35}{64}$ | $3\frac{32}{64}$ | $1\frac{13}{32}$ | $\frac{1}{8}$    | $\frac{15}{16}$  | $3\frac{27}{32}$ | $6\frac{15}{64}$  | $3\frac{3}{64}$  | $15$             |                |
| 18                 | $2\frac{17}{32}$    | $9\frac{27}{32}$ | $12\frac{3}{8}$ | $4\frac{23}{32}$ | $5\frac{5}{8}$  | $9\frac{9}{32}$  | $7\frac{13}{32}$ | $\frac{11}{16}$  | $\frac{7}{16}$  | $\frac{9}{32}$  | $\frac{11}{16}$ | $4\frac{12}{16}$ | $1\frac{2}{4}$  | $11\frac{4}{4}$ | $28\frac{15}{16}$ | $2\frac{1}{4}$  | $10\frac{5}{8}$  | $6\frac{15}{64}$ | $4\frac{1}{64}$  | $2\frac{7}{64}$  | $\frac{7}{16}$   | $\frac{11}{32}$  | $5\frac{49}{64}$ | $10\frac{13}{32}$ | $4\frac{1}{16}$  | $\frac{22}{1}$   |                |



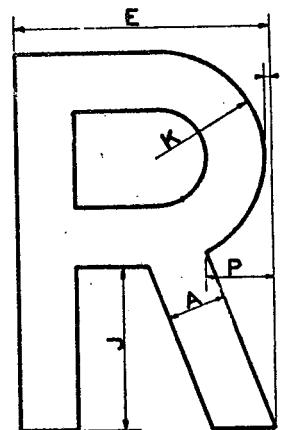
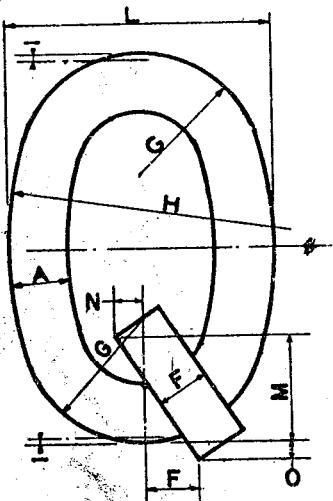
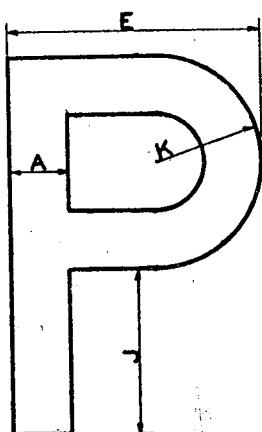
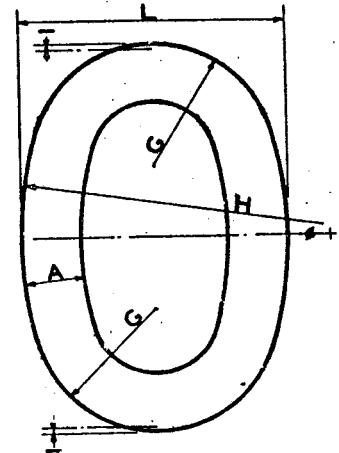
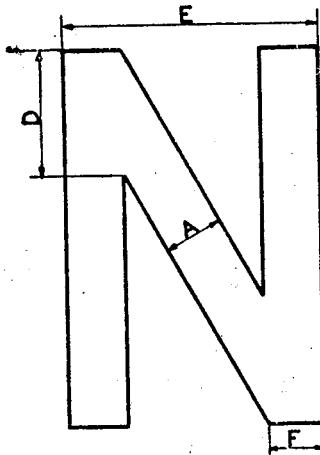
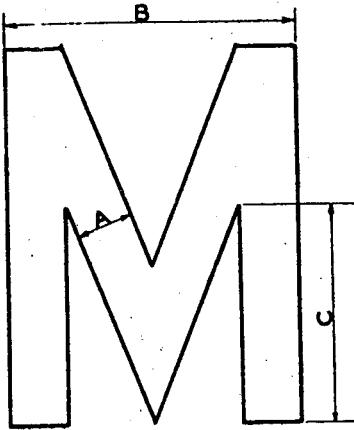
### SERIES D LETTERS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                  |                  |                  |                 |                 |                  |                |                  |                  |                  |                 |                 |                  |                  |                  |                  |                  |                  |                  |                   |                  |                   |
|--------------------|---------------------|------------------|------------------|------------------|-----------------|-----------------|------------------|----------------|------------------|------------------|------------------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|-------------------|
|                    | A                   | B                | C                | D                | E               | F               | G                | H              | I                | J                | K                | L               | M               | N                | O                | P                | Q                | R                | S                | T                | U                 | V                | W                 |
| 2                  | $\frac{5}{16}$      | $1\frac{1}{16}$  | $\frac{9}{16}$   | $1\frac{1}{32}$  | $\frac{7}{16}$  | $\frac{3}{8}$   | $1\frac{1}{32}$  | $\frac{1}{2}$  | $1\frac{35}{64}$ | $2\frac{1}{64}$  | $\frac{5}{16}$   | $1\frac{1}{16}$ | $\frac{7}{16}$  | $\frac{3}{8}$    | $1\frac{1}{32}$  | $2\frac{1}{16}$  | $1\frac{1}{16}$  | $1\frac{35}{64}$ | $2\frac{1}{32}$  | $1\frac{1}{16}$  | $1\frac{1}{32}$   | $1\frac{7}{32}$  |                   |
| 3                  | $\frac{13}{32}$     | $2\frac{1}{2}$   | $\frac{27}{32}$  | $2\frac{5}{64}$  | $1\frac{5}{16}$ | $\frac{15}{16}$ | $1\frac{1}{16}$  | $\frac{3}{4}$  | $1\frac{35}{64}$ | $2\frac{1}{64}$  | $\frac{13}{32}$  | $1\frac{1}{32}$ | $1\frac{5}{16}$ | $\frac{3}{8}$    | $1\frac{1}{32}$  | $2\frac{3}{8}$   | $\frac{3}{8}$    | $1\frac{1}{32}$  | $2\frac{7}{64}$  | $1\frac{5}{16}$  | $2\frac{5}{64}$   | $1\frac{7}{32}$  |                   |
| 4                  | $\frac{5}{16}$      | $3\frac{11}{32}$ | $\frac{9}{16}$   | $2\frac{1}{16}$  | $1\frac{3}{8}$  | $\frac{3}{2}$   | $2\frac{3}{32}$  | $1$            | $1\frac{1}{32}$  | $2\frac{1}{32}$  | $\frac{5}{8}$    | $\frac{1}{8}$   | $1\frac{1}{4}$  | $1\frac{1}{16}$  | $1\frac{3}{32}$  | $1\frac{1}{16}$  | $3\frac{5}{32}$  | $\frac{1}{16}$   | $1\frac{1}{16}$  | $2\frac{1}{16}$  | $1\frac{5}{32}$   | $2\frac{7}{16}$  |                   |
| 5                  | $\frac{25}{32}$     | $4\frac{3}{16}$  | $1\frac{13}{32}$ | $3\frac{23}{64}$ | $2\frac{7}{16}$ | $\frac{7}{64}$  | $2\frac{29}{64}$ | $1\frac{1}{4}$ | $1\frac{23}{64}$ | $1\frac{1}{16}$  | $\frac{25}{32}$  | $\frac{5}{32}$  | $2\frac{3}{16}$ | $1\frac{1}{64}$  | $1\frac{19}{64}$ | $\frac{1}{64}$   | $1\frac{3}{16}$  | $\frac{5}{64}$   | $1\frac{51}{64}$ | $3\frac{1}{32}$  | $1\frac{7}{16}$   | $3\frac{3}{64}$  |                   |
| 6                  | $\frac{15}{16}$     | $5\frac{11}{32}$ | $1\frac{1}{16}$  | $4\frac{3}{32}$  | $2\frac{5}{8}$  | $\frac{9}{64}$  | $3\frac{9}{64}$  | $1\frac{1}{2}$ | $1\frac{21}{64}$ | $5\frac{3}{64}$  | $\frac{15}{16}$  | $\frac{3}{16}$  | $2\frac{5}{8}$  | $1\frac{31}{64}$ | $2\frac{29}{64}$ | $1\frac{1}{32}$  | $1\frac{15}{64}$ | $4\frac{7}{32}$  | $\frac{3}{16}$   | $2\frac{9}{32}$  | $4\frac{7}{64}$   | $1\frac{47}{64}$ | $3\frac{21}{64}$  |
| 7                  | $\frac{13}{32}$     | $5\frac{27}{32}$ | $1\frac{31}{32}$ | $4\frac{15}{64}$ | $3\frac{1}{16}$ | $\frac{9}{32}$  | $3\frac{21}{32}$ | $1\frac{2}{3}$ | $1\frac{99}{64}$ | $1\frac{64}{64}$ | $\frac{13}{32}$  | $\frac{7}{32}$  | $3\frac{1}{16}$ | $2\frac{19}{64}$ | $2\frac{25}{64}$ | $1\frac{27}{64}$ | $1\frac{17}{32}$ | $5\frac{17}{32}$ | $\frac{7}{64}$   | $2\frac{33}{64}$ | $4\frac{5}{64}$   | $2\frac{1}{16}$  |                   |
| 8                  | $\frac{1}{4}$       | $6\frac{11}{32}$ | $2\frac{1}{4}$   | $5\frac{7}{8}$   | $3\frac{1}{2}$  | $\frac{5}{32}$  | $4\frac{3}{16}$  | $2$            | $2\frac{5}{16}$  | $1\frac{1}{16}$  | $1\frac{1}{4}$   | $\frac{1}{4}$   | $3\frac{1}{2}$  | $2\frac{5}{8}$   | $2\frac{15}{16}$ | $1\frac{5}{16}$  | $1\frac{2}{16}$  | $6\frac{1}{16}$  | $\frac{1}{8}$    | $2\frac{5}{8}$   | $2\frac{5}{16}$   | $4\frac{5}{8}$   |                   |
| 12                 | $\frac{1}{8}$       | $10\frac{1}{2}$  | $3\frac{3}{8}$   | $6\frac{1}{16}$  | $5\frac{1}{4}$  | $\frac{9}{32}$  | $6\frac{3}{32}$  | $3$            | $3\frac{3}{32}$  | $1\frac{1}{32}$  | $1\frac{7}{8}$   | $\frac{3}{8}$   | $5\frac{1}{4}$  | $3\frac{15}{16}$ | $3\frac{27}{32}$ | $2\frac{7}{16}$  | $2\frac{5}{8}$   | $9\frac{15}{32}$ | $\frac{3}{16}$   | $4\frac{5}{16}$  | $8\frac{7}{16}$   | $3\frac{3}{32}$  | $7\frac{5}{16}$   |
| 18                 | $2\frac{13}{16}$    | $15\frac{1}{16}$ | $5\frac{1}{8}$   | $12\frac{3}{32}$ | $7\frac{7}{16}$ | $16$            | $9\frac{7}{16}$  | $4\frac{1}{2}$ | $4\frac{13}{16}$ | $2\frac{13}{16}$ | $2\frac{13}{16}$ | $9$             | $7\frac{7}{16}$ | $5\frac{29}{32}$ | $5\frac{4}{32}$  | $3\frac{21}{32}$ | $3\frac{15}{16}$ | $14\frac{3}{16}$ | $\frac{9}{32}$   | $6\frac{15}{32}$ | $12\frac{21}{32}$ | $5\frac{7}{16}$  | $10\frac{21}{32}$ |



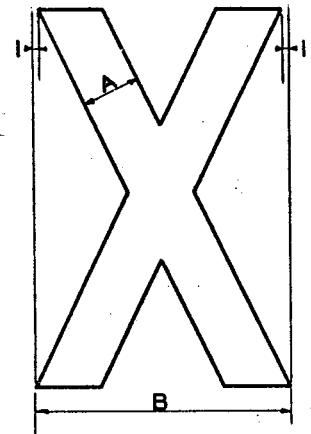
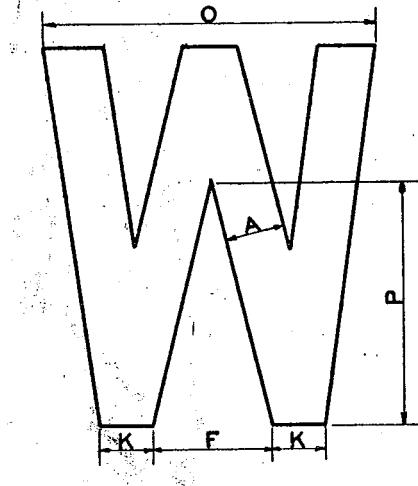
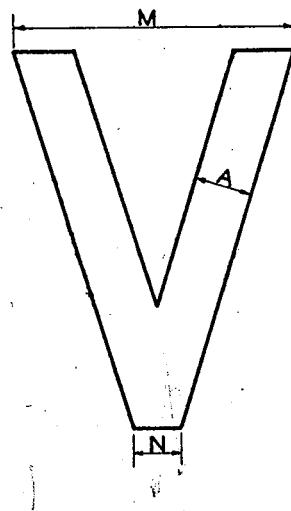
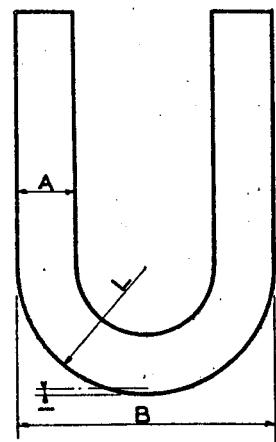
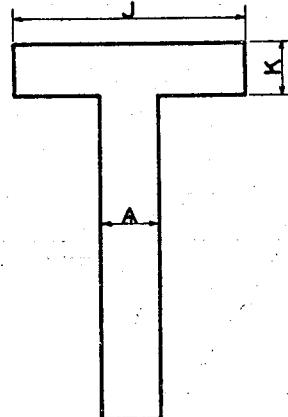
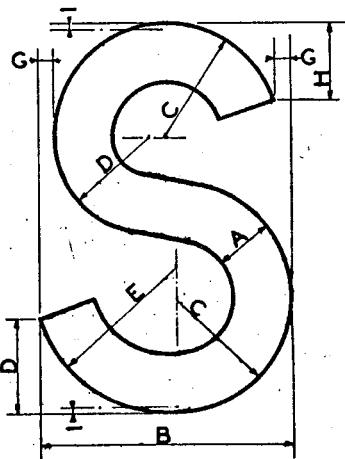
### SERIES D LETTERS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                  |    |                  |                  |                 |                  |                 |                  |                 |                 |                  |                  |                |                  |                   |
|--------------------|---------------------|------------------|----|------------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|-----------------|------------------|------------------|----------------|------------------|-------------------|
|                    | A                   | B                | C  | D                | E                | F               | G                | H               | I                | J               | K               | L                | M                | N              | O                | P                 |
| 2                  | $\frac{5}{16}$      | $\frac{11}{32}$  | 2  | $\frac{1}{8}$    | $\frac{7}{16}$   | $\frac{5}{32}$  | $\frac{21}{64}$  | 7               | $\frac{19}{64}$  | $\frac{23}{64}$ | $1\frac{1}{4}$  | $\frac{11}{16}$  | $\frac{23}{32}$  | $\frac{3}{8}$  | $1\frac{3}{8}$   | $\frac{17}{32}$   |
| 3                  | $\frac{15}{32}$     | $\frac{21}{64}$  | 3  | $\frac{1}{8}$    | $\frac{9}{32}$   | $\frac{5}{16}$  | $\frac{23}{64}$  | $1\frac{7}{16}$ | 7                | $\frac{17}{32}$ | $1\frac{1}{8}$  | $\frac{13}{32}$  | $\frac{11}{16}$  | $\frac{1}{8}$  | $2\frac{1}{16}$  | $\frac{17}{32}$   |
| 4                  | $\frac{5}{8}$       | $\frac{21}{16}$  | 4  | $\frac{1}{8}$    | $\frac{7}{8}$    | $\frac{15}{16}$ | $\frac{1}{2}$    | $1\frac{1}{2}$  | $\frac{19}{32}$  | $\frac{23}{32}$ | $2\frac{1}{2}$  | $1\frac{3}{8}$   | $1\frac{9}{16}$  | $\frac{3}{8}$  | $2\frac{3}{8}$   | $2\frac{7}{16}$   |
| 5                  | $\frac{25}{32}$     | $\frac{3}{8}$    | 5  | $\frac{1}{8}$    | $\frac{13}{32}$  | $\frac{5}{16}$  | $\frac{11}{32}$  | $\frac{21}{64}$ | $\frac{27}{64}$  | $\frac{27}{64}$ | $3\frac{1}{8}$  | $\frac{13}{32}$  | $\frac{1}{8}$    | $\frac{7}{16}$ | $3\frac{7}{32}$  | $\frac{3}{8}$     |
| 6                  | $\frac{15}{16}$     | $\frac{41}{32}$  | 6  | $\frac{1}{8}$    | $\frac{19}{32}$  | $\frac{1}{16}$  | $\frac{3}{32}$   | $\frac{13}{64}$ | $\frac{57}{64}$  | $\frac{5}{64}$  | $3\frac{3}{8}$  | $2\frac{11}{16}$ | $\frac{21}{32}$  | $\frac{9}{64}$ | $4\frac{1}{8}$   | $3\frac{21}{32}$  |
| 7                  | $1\frac{1}{32}$     | $\frac{41}{64}$  | 7  | $\frac{21}{32}$  | $1\frac{7}{32}$  | $\frac{7}{64}$  | $\frac{21}{64}$  | $3\frac{1}{16}$ | $1\frac{1}{32}$  | $1\frac{1}{4}$  | $4\frac{5}{8}$  | $2\frac{3}{32}$  | $2\frac{27}{64}$ | $\frac{5}{32}$ | $4\frac{13}{16}$ | $4\frac{7}{64}$   |
| 8                  | $1\frac{1}{4}$      | $\frac{53}{32}$  | 8  | $\frac{23}{16}$  | $1\frac{1}{2}$   | $\frac{1}{8}$   | $\frac{25}{32}$  | $3\frac{1}{16}$ | $1\frac{1}{16}$  | $1\frac{7}{16}$ | 5               | $2\frac{3}{4}$   | $3\frac{1}{8}$   | $\frac{1}{16}$ | $5\frac{1}{2}$   | $4\frac{7}{8}$    |
| 12                 | $1\frac{7}{8}$      | $\frac{81}{16}$  | 12 | $\frac{327}{32}$ | $2\frac{5}{8}$   | $\frac{3}{16}$  | $3\frac{15}{32}$ | $5\frac{1}{4}$  | $1\frac{25}{32}$ | $2\frac{5}{32}$ | $7\frac{1}{2}$  | $4\frac{1}{6}$   | $4\frac{11}{16}$ | $\frac{9}{32}$ | $8\frac{1}{4}$   | $7\frac{5}{16}$   |
| 18                 | $2\frac{13}{16}$    | $12\frac{3}{32}$ | 18 | $\frac{53}{4}$   | $3\frac{15}{16}$ | $\frac{9}{32}$  | $5\frac{29}{32}$ | $7\frac{7}{8}$  | $2\frac{11}{16}$ | $3\frac{1}{4}$  | $11\frac{1}{4}$ | $6\frac{1}{16}$  | $7\frac{3}{32}$  | $\frac{7}{16}$ | $12\frac{3}{8}$  | $10\frac{31}{32}$ |



### SERIES D LETTERS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                 |                  |                 |                  |                  |                  |               |                 |                 |                 |                   |                 |                  |                 |                 |  |
|--------------------|---------------------|-----------------|------------------|-----------------|------------------|------------------|------------------|---------------|-----------------|-----------------|-----------------|-------------------|-----------------|------------------|-----------------|-----------------|--|
|                    | A                   | B               | C                | D               | E                | F                | G                | H             | I               | J               | K               | L                 | M               | N                | O               | P               |  |
| 2                  | $\frac{5}{16}$      | $\frac{13}{64}$ | $\frac{15}{32}$  | $\frac{5}{8}$   | $\frac{11}{32}$  | $\frac{3}{8}$    | $\frac{21}{64}$  | 2             | $\frac{7}{32}$  | $\frac{7}{16}$  | $\frac{9}{16}$  | $\frac{13}{32}$   | $\frac{9}{16}$  | $\frac{5}{32}$   | $\frac{3}{32}$  | $\frac{11}{32}$ |  |
| 3                  | $\frac{15}{32}$     | $\frac{21}{64}$ | $\frac{15}{32}$  | 1               | $\frac{2}{64}$   | $\frac{27}{64}$  | $\frac{61}{64}$  | 3             | $\frac{3}{64}$  | $\frac{15}{16}$ | $\frac{27}{32}$ | $\frac{27}{64}$   | $\frac{9}{32}$  | $\frac{15}{64}$  | $\frac{9}{64}$  | $\frac{23}{64}$ |  |
| 4                  | $\frac{5}{8}$       | $\frac{33}{64}$ | $\frac{21}{64}$  | $\frac{11}{32}$ | $\frac{21}{64}$  | $\frac{9}{16}$   | $\frac{13}{32}$  | 4             | $\frac{13}{64}$ | $\frac{13}{16}$ | $\frac{15}{32}$ | $\frac{21}{64}$   | $\frac{1}{16}$  | $\frac{5}{16}$   | $\frac{7}{32}$  | $\frac{15}{64}$ |  |
| 5                  | $\frac{25}{32}$     | $\frac{35}{64}$ | $\frac{25}{64}$  | $\frac{13}{32}$ | $\frac{33}{64}$  | $\frac{25}{64}$  | $\frac{11}{32}$  | 5             | $\frac{5}{64}$  | $\frac{21}{16}$ | $\frac{13}{32}$ | $\frac{31}{32}$   | $\frac{13}{64}$ | $\frac{25}{64}$  | $\frac{15}{64}$ | $\frac{23}{64}$ |  |
| 6                  | $\frac{15}{16}$     | $\frac{41}{64}$ | $\frac{35}{64}$  | $\frac{21}{64}$ | $\frac{41}{32}$  | $\frac{37}{64}$  | $\frac{13}{64}$  | 6             | $\frac{3}{16}$  | $\frac{25}{16}$ | $\frac{11}{16}$ | $\frac{43}{64}$   | $\frac{11}{16}$ | $\frac{15}{32}$  | $\frac{9}{32}$  | $\frac{13}{32}$ |  |
| 7                  | $\frac{13}{32}$     | $\frac{51}{64}$ | $\frac{41}{64}$  | $\frac{21}{32}$ | $\frac{41}{64}$  | $\frac{61}{64}$  | $\frac{25}{64}$  | 7             | $\frac{7}{64}$  | $\frac{31}{16}$ | $\frac{13}{32}$ | $\frac{43}{64}$   | $\frac{13}{32}$ | $\frac{25}{64}$  | $\frac{21}{64}$ | $\frac{13}{64}$ |  |
| 8                  | $\frac{13}{16}$     | $\frac{61}{64}$ | $\frac{41}{64}$  | $\frac{21}{16}$ | $\frac{5}{8}$    | $\frac{21}{64}$  | $\frac{8}{16}$   | $\frac{1}{8}$ | $\frac{31}{2}$  | $\frac{21}{4}$  | $\frac{5}{8}$   | $\frac{21}{4}$    | $\frac{5}{8}$   | $\frac{7}{8}$    | $\frac{1}{8}$   | $\frac{1}{8}$   |  |
| 12                 | $\frac{1}{8}$       | $\frac{9}{32}$  | $\frac{61}{64}$  | $\frac{41}{32}$ | $\frac{61}{64}$  | $\frac{11}{16}$  | $\frac{327}{32}$ | 12            | $\frac{3}{16}$  | $\frac{5}{4}$   | $\frac{3}{8}$   | $\frac{67}{16}$   | $\frac{3}{8}$   | $\frac{13}{16}$  | $\frac{9}{16}$  | $\frac{21}{16}$ |  |
| 18                 | $\frac{21}{16}$     | $\frac{13}{16}$ | $\frac{103}{64}$ | $\frac{61}{16}$ | $\frac{123}{32}$ | $\frac{217}{32}$ | $\frac{5}{4}$    | 18            | $\frac{9}{32}$  | $\frac{77}{8}$  | $\frac{51}{16}$ | $\frac{1221}{32}$ | $\frac{51}{16}$ | $\frac{113}{32}$ | $\frac{27}{32}$ | $\frac{33}{32}$ |  |

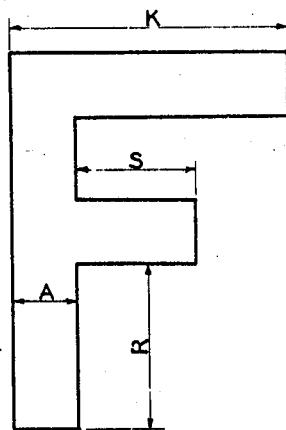
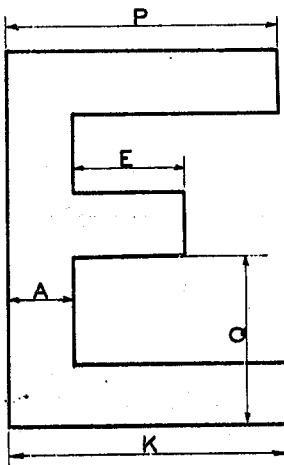
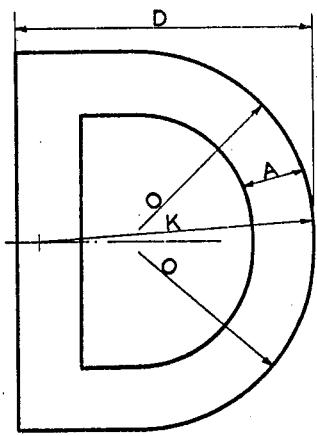
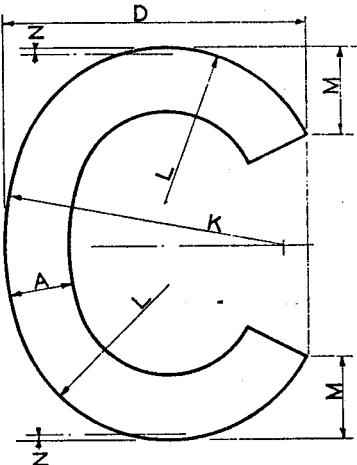
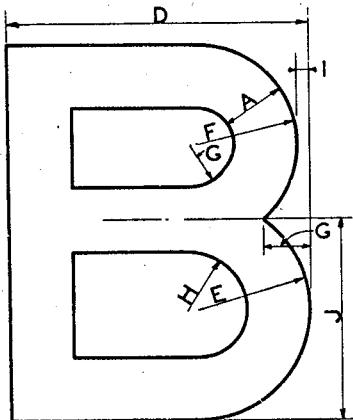
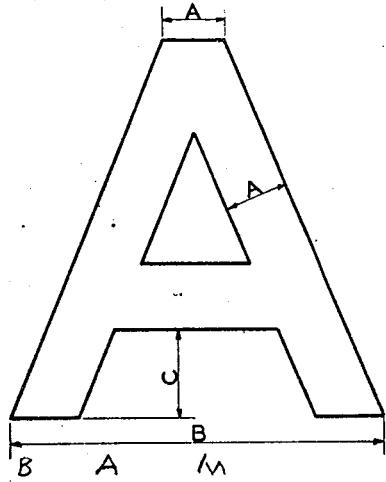


### SERIES D LETTERS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                  |                  |                |                  |                 |                 |                  |                |                   |                  |                  |                 |                |                 |                   |
|--------------------|---------------------|------------------|------------------|----------------|------------------|-----------------|-----------------|------------------|----------------|-------------------|------------------|------------------|-----------------|----------------|-----------------|-------------------|
|                    | A                   | B                | C                | D              | E                | F               | G               | H                | I              | J                 | K                | L                | M               | N              | O               | P                 |
| 2                  | $\frac{7}{16}$      | $1\frac{11}{32}$ | $\frac{59}{64}$  | $\frac{1}{2}$  | $\frac{23}{32}$  | $\frac{5}{8}$   | $\frac{5}{64}$  | $\frac{13}{32}$  | $\frac{5}{32}$ | $1\frac{7}{32}$   | $\frac{3}{32}$   | $\frac{27}{64}$  | $\frac{1}{64}$  | $1\frac{1}{2}$ | $1\frac{1}{32}$ |                   |
| 3                  | $\frac{15}{32}$     | $2\frac{1}{54}$  | $\frac{59}{64}$  | $\frac{3}{4}$  | $1\frac{11}{64}$ | $\frac{15}{16}$ | $\frac{7}{64}$  | $\frac{39}{64}$  | $\frac{5}{64}$ | $1\frac{13}{64}$  | $\frac{27}{64}$  | $\frac{1}{64}$   | 1               | $2\frac{1}{4}$ | $\frac{3}{8}$   | $2\frac{5}{64}$   |
| 4                  | $\frac{5}{8}$       | $2\frac{1}{16}$  | $1\frac{7}{32}$  | 1              | $1\frac{9}{16}$  | $1\frac{1}{4}$  | $\frac{5}{32}$  | $\frac{13}{16}$  | $\frac{1}{16}$ | $2\frac{7}{16}$   | $\frac{9}{16}$   | $1\frac{3}{32}$  | 3               | $\frac{1}{2}$  | $3\frac{1}{2}$  | $2\frac{7}{16}$   |
| 5                  | $\frac{25}{32}$     | $3\frac{3}{64}$  | $1\frac{23}{64}$ | $\frac{1}{4}$  | $1\frac{21}{64}$ | $\frac{9}{16}$  | $\frac{7}{16}$  | $1\frac{6}{64}$  | $\frac{5}{64}$ | $3\frac{3}{64}$   | $4\frac{5}{64}$  | $1\frac{63}{64}$ | $3\frac{3}{64}$ | $\frac{5}{8}$  | $4\frac{3}{64}$ | $3\frac{13}{64}$  |
| 6                  | $\frac{15}{16}$     | $4\frac{1}{32}$  | $1\frac{53}{64}$ | $1\frac{1}{2}$ | $2\frac{11}{32}$ | $1\frac{7}{8}$  | $\frac{15}{64}$ | $1\frac{7}{32}$  | $\frac{3}{32}$ | $3\frac{21}{32}$  | $2\frac{7}{32}$  | $2\frac{1}{64}$  | $4\frac{1}{2}$  | $\frac{1}{4}$  | $5\frac{1}{4}$  | $3\frac{27}{32}$  |
| 7                  | $1\frac{3}{32}$     | $4\frac{23}{64}$ | $2\frac{5}{8}$   | $1\frac{7}{4}$ | $2\frac{27}{64}$ | $2\frac{3}{16}$ | $\frac{17}{64}$ | $1\frac{27}{64}$ | $\frac{7}{64}$ | $4\frac{17}{64}$  | $6\frac{3}{64}$  | $2\frac{11}{32}$ | $5\frac{1}{8}$  | $\frac{7}{8}$  | $6\frac{1}{8}$  | $4\frac{21}{64}$  |
| 8                  | $1\frac{1}{2}$      | $5\frac{3}{8}$   | $2\frac{7}{16}$  | 2              | $3\frac{1}{8}$   | $2\frac{1}{2}$  | $\frac{15}{16}$ | $\frac{1}{8}$    | $\frac{1}{8}$  | $4\frac{7}{8}$    | $1\frac{1}{8}$   | $2\frac{11}{16}$ | 6               | 1              | 7               | $5\frac{1}{8}$    |
| 12                 | $1\frac{7}{8}$      | $8\frac{1}{16}$  | $3\frac{21}{32}$ | 3              | $4\frac{11}{16}$ | $3\frac{3}{4}$  | $\frac{15}{32}$ | $2\frac{7}{16}$  | $\frac{7}{16}$ | $7\frac{7}{16}$   | $1\frac{1}{16}$  | $4\frac{31}{32}$ | 9               | $1\frac{1}{2}$ | $10\frac{1}{2}$ | $7\frac{11}{16}$  |
| 18                 | $2\frac{13}{16}$    | $12\frac{3}{32}$ | $5\frac{1}{2}$   | $4\frac{1}{2}$ | $7\frac{1}{32}$  | $5\frac{5}{8}$  | $\frac{11}{16}$ | $3\frac{21}{32}$ | $\frac{9}{32}$ | $10\frac{31}{32}$ | $2\frac{17}{32}$ | $\frac{3}{64}$   | $13\frac{1}{2}$ | $2\frac{1}{4}$ | $15\frac{3}{4}$ | $11\frac{17}{32}$ |

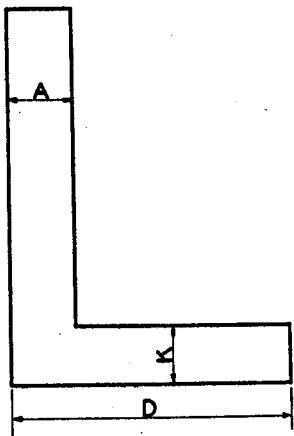
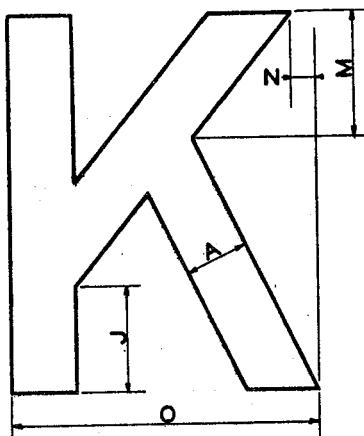
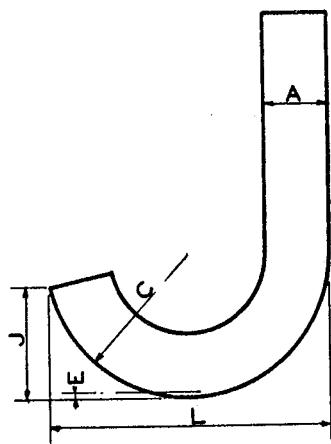
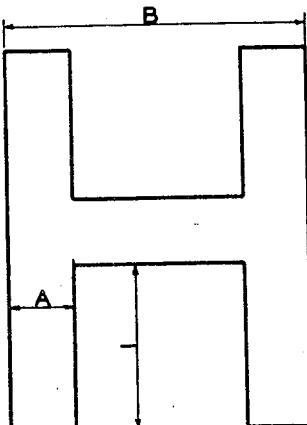
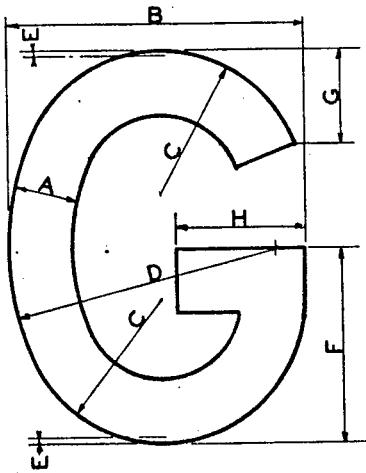






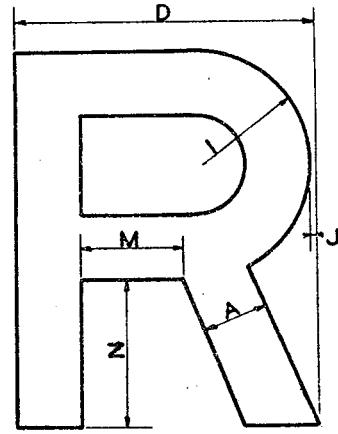
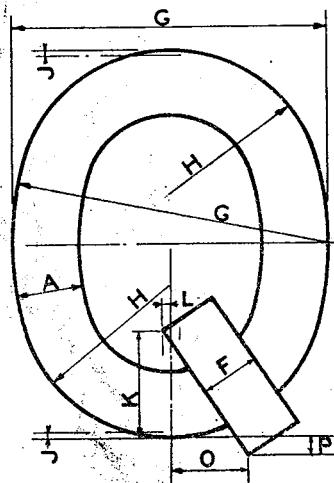
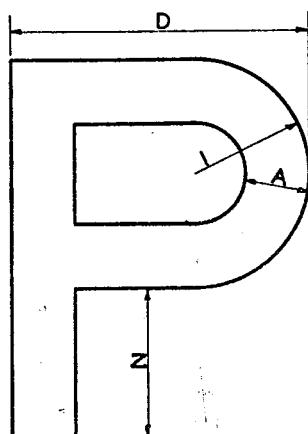
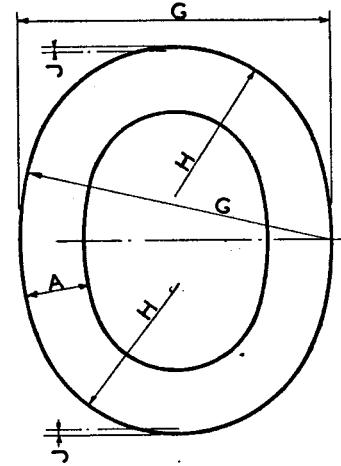
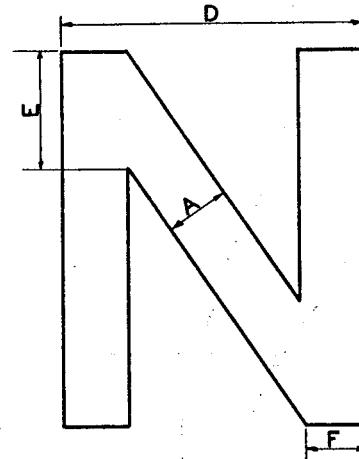
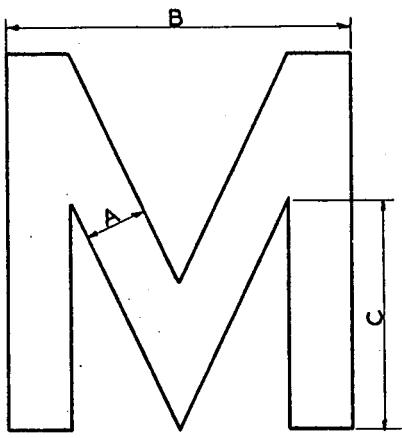
## SERIES E LETTERS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |    |                  |                          |                          |                  |                |                  |                |                  |                  |                  |                  |                |                  |                   |                  |                 |
|--------------------|---------------------|----|------------------|--------------------------|--------------------------|------------------|----------------|------------------|----------------|------------------|------------------|------------------|------------------|----------------|------------------|-------------------|------------------|-----------------|
|                    | A                   | B  | C                | D                        | E                        | F                | G              | H                | I              | J                | K                | L                | M                | N              | O                | P                 | Q                | R               |
| 2                  | $\frac{11}{32}$     | 2  | $\frac{15}{32}$  | $\frac{11}{32}$          | $\frac{19}{32}$          | $\frac{17}{32}$  | $\frac{1}{4}$  | $\frac{5}{16}$   | $\frac{1}{8}$  | $\frac{11}{16}$  | $\frac{15}{32}$  | $\frac{33}{64}$  | $\frac{7}{16}$   | $\frac{1}{32}$ | $\frac{15}{16}$  | $\frac{29}{32}$   | $\frac{7}{8}$    | $\frac{5}{8}$   |
| 3                  | $\frac{23}{64}$     | 3  | $\frac{43}{64}$  | $\frac{225}{64}$         | $\frac{27}{64}$          | $\frac{31}{64}$  | $\frac{5}{8}$  | $\frac{15}{32}$  | $\frac{3}{32}$ | $\frac{11}{16}$  | $\frac{213}{64}$ | $\frac{15}{64}$  | $\frac{31}{64}$  | $\frac{3}{64}$ | $\frac{13}{32}$  | $\frac{25}{64}$   | $\frac{13}{64}$  | $\frac{15}{16}$ |
| 4                  | $\frac{11}{16}$     | 4  | $\frac{15}{16}$  | $\frac{315}{64}$         | $\frac{17}{16}$          | $\frac{11}{16}$  | $\frac{1}{2}$  | $\frac{5}{8}$    | $\frac{1}{8}$  | $\frac{25}{16}$  | $\frac{215}{64}$ | $\frac{15}{32}$  | $\frac{7}{8}$    | $\frac{1}{16}$ | $\frac{7}{16}$   | $\frac{27}{64}$   | $\frac{13}{64}$  | $\frac{1}{4}$   |
| 5                  | $\frac{55}{64}$     | 5  | $\frac{11}{64}$  | $\frac{363}{64}$         | $\frac{21}{64}$          | $\frac{21}{64}$  | $\frac{5}{8}$  | $\frac{25}{32}$  | $\frac{5}{32}$ | $\frac{23}{32}$  | $\frac{343}{64}$ | $\frac{21}{16}$  | $\frac{15}{32}$  | $\frac{5}{64}$ | $\frac{25}{32}$  | $\frac{319}{64}$  | $\frac{25}{64}$  | $\frac{21}{16}$ |
| 6                  | $\frac{13}{16}$     | 6  | $\frac{13}{16}$  | $\frac{425}{64}$         | $\frac{132}{64}$         | $\frac{132}{64}$ | $\frac{3}{4}$  | $\frac{15}{16}$  | $\frac{3}{16}$ | $\frac{315}{64}$ | $\frac{413}{64}$ | $\frac{231}{64}$ | $\frac{15}{16}$  | $\frac{3}{32}$ | $\frac{213}{16}$ | $\frac{5}{16}$    | $\frac{23}{32}$  | $\frac{25}{8}$  |
| 7                  | $\frac{113}{64}$    | 7  | $\frac{141}{64}$ | $\frac{537}{64}$         | $\frac{264}{64}$         | $\frac{155}{64}$ | $\frac{7}{8}$  | $\frac{13}{32}$  | $\frac{7}{32}$ | $\frac{323}{64}$ | $\frac{564}{64}$ | $\frac{257}{64}$ | $\frac{17}{32}$  | $\frac{7}{64}$ | $\frac{33}{32}$  | $\frac{51}{64}$   | $\frac{311}{64}$ | $\frac{31}{16}$ |
| 8                  | $\frac{13}{8}$      | 8  | $\frac{15}{8}$   | $\frac{6\frac{3}{8}}{8}$ | $\frac{2\frac{3}{8}}{8}$ | $2\frac{1}{8}$   | 1              | $\frac{1}{4}$    | $\frac{1}{4}$  | $\frac{5}{8}$    | $\frac{315}{64}$ | $\frac{15}{16}$  | $\frac{1}{8}$    | $\frac{3}{4}$  | $\frac{5}{4}$    | $\frac{3}{8}$     | $3\frac{1}{2}$   | $2\frac{1}{2}$  |
| 12                 | $\frac{21}{16}$     | 12 | $\frac{21}{16}$  | $\frac{9}{16}$           | $\frac{315}{64}$         | $\frac{15}{16}$  | $1\frac{1}{2}$ | $1\frac{1}{8}$   | $\frac{5}{8}$  | $\frac{63}{16}$  | $\frac{815}{64}$ | $\frac{431}{64}$ | $2\frac{5}{8}$   | $\frac{3}{16}$ | $\frac{55}{64}$  | $\frac{85}{64}$   | $\frac{51}{16}$  | $5\frac{1}{4}$  |
| 18                 | $3\frac{3}{32}$     | 18 | $4\frac{3}{32}$  | $14\frac{11}{32}$        | $5\frac{11}{32}$         | $4\frac{25}{32}$ | $2\frac{1}{4}$ | $2\frac{13}{16}$ | $\frac{9}{16}$ | $\frac{9}{16}$   | $13\frac{7}{32}$ | $7\frac{29}{64}$ | $3\frac{15}{32}$ | $\frac{9}{32}$ | $8\frac{7}{16}$  | $12\frac{15}{64}$ | $8\frac{5}{32}$  | $7\frac{7}{8}$  |



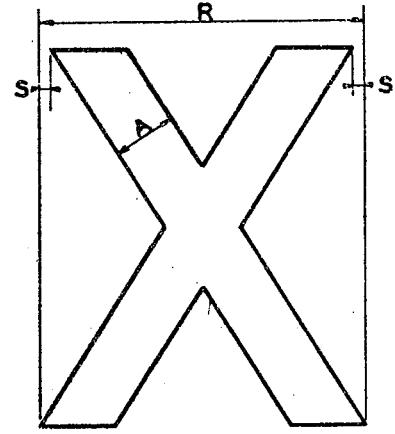
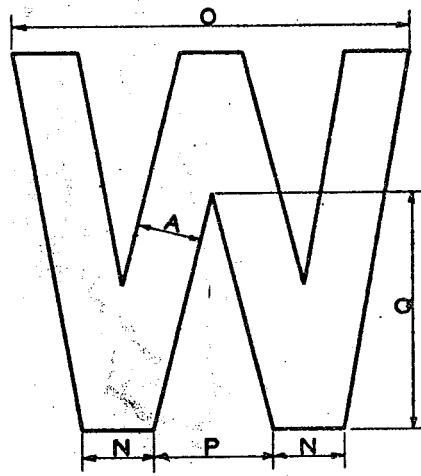
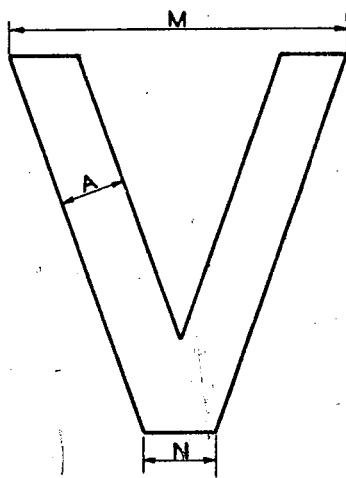
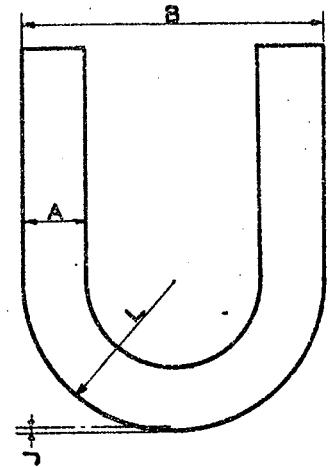
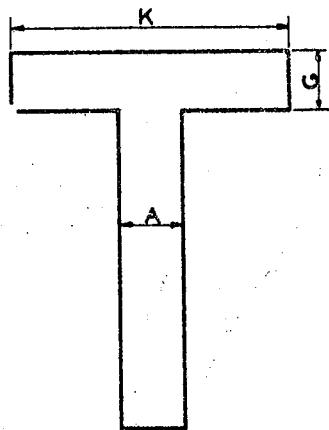
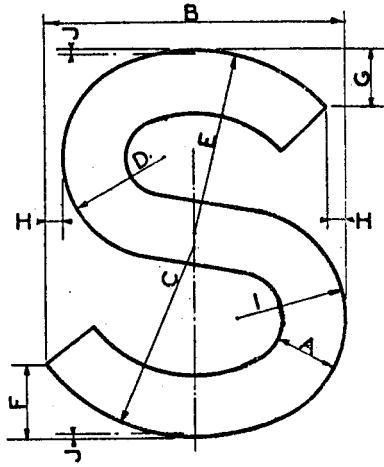
## SERIES E LETTERS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                   |                  |                  |                 |                  |                 |                  |                 |                  |                  |                 |                  |                 |                  |
|--------------------|---------------------|-------------------|------------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|------------------|-----------------|------------------|-----------------|------------------|
|                    | A                   | B                 | C                | D                | E               | F                | G               | H                | I               | J                | K                | L               | M                | N               | O                |
| 2                  | $\frac{11}{32}$     | $\frac{19}{32}$   | $\frac{49}{64}$  | $\frac{15}{32}$  | $\frac{31}{32}$ | $\frac{1}{2}$    | $\frac{11}{16}$ | $\frac{7}{8}$    | $\frac{9}{16}$  | $\frac{13}{16}$  | $\frac{31}{32}$  | $\frac{1}{2}$   | $\frac{31}{32}$  | $\frac{1}{8}$   | $1\frac{1}{8}$   |
| 3                  | $\frac{33}{64}$     | $\frac{223}{64}$  | $1\frac{9}{16}$  | $2\frac{13}{64}$ | $\frac{3}{64}$  | $\frac{133}{64}$ | $\frac{3}{4}$   | $\frac{11}{32}$  | $\frac{11}{16}$ | $\frac{27}{32}$  | $\frac{55}{32}$  | $\frac{21}{32}$ | $\frac{83}{32}$  | $\frac{11}{16}$ | $2\frac{7}{16}$  |
| 4                  | $\frac{11}{16}$     | $3\frac{3}{16}$   | $1\frac{7}{32}$  | $2\frac{15}{16}$ | $\frac{15}{16}$ | $2\frac{1}{16}$  | 1               | $1\frac{1}{8}$   | $1\frac{1}{4}$  | $1\frac{1}{2}$   | $1\frac{1}{8}$   | 3               | $1\frac{1}{16}$  | $\frac{1}{4}$   | $3\frac{1}{4}$   |
| 5                  | $\frac{25}{64}$     | $3\frac{5}{64}$   | $1\frac{29}{32}$ | $3\frac{23}{64}$ | $\frac{5}{64}$  | $2\frac{27}{64}$ | $1\frac{1}{4}$  | $1\frac{23}{32}$ | $2\frac{7}{16}$ | $1\frac{31}{32}$ | $\frac{23}{32}$  | $3\frac{3}{4}$  | $1\frac{1}{16}$  | $\frac{1}{16}$  | $4\frac{7}{16}$  |
| 6                  | $1\frac{1}{32}$     | $4\frac{23}{32}$  | $2\frac{19}{32}$ | $4\frac{13}{32}$ | $\frac{1}{2}$   | $3\frac{31}{32}$ | $1\frac{1}{2}$  | $2\frac{1}{16}$  | $2\frac{9}{16}$ | $1\frac{15}{16}$ | $\frac{1}{2}$    | $4\frac{1}{2}$  | $1\frac{31}{32}$ | $\frac{3}{8}$   | $4\frac{7}{8}$   |
| 7                  | $1\frac{13}{32}$    | $5\frac{37}{64}$  | $2\frac{43}{64}$ | $5\frac{9}{64}$  | $\frac{7}{64}$  | $3\frac{39}{64}$ | $1\frac{1}{4}$  | $2\frac{23}{32}$ | $3\frac{1}{16}$ | $1\frac{31}{32}$ | $1\frac{3}{16}$  | $\frac{5}{4}$   | $2\frac{19}{64}$ | $\frac{7}{16}$  | $5\frac{11}{16}$ |
| 8                  | $1\frac{1}{8}$      | $6\frac{3}{8}$    | $3\frac{15}{16}$ | $5\frac{7}{8}$   | $\frac{1}{8}$   | $4\frac{1}{8}$   | 2               | $2\frac{2}{3}$   | $3\frac{1}{2}$  | $2\frac{1}{4}$   | $1\frac{1}{2}$   | 0               | $2\frac{5}{8}$   | $\frac{1}{2}$   | $6\frac{1}{2}$   |
| 12                 | $2\frac{1}{16}$     | $9\frac{9}{16}$   | $4\frac{19}{32}$ | $8\frac{13}{16}$ | $\frac{3}{16}$  | $6\frac{17}{16}$ | 5               | $4\frac{1}{8}$   | $5\frac{1}{4}$  | $3\frac{3}{8}$   | $1\frac{7}{8}$   | 9               | $3\frac{15}{16}$ | $\frac{3}{4}$   | $9\frac{3}{4}$   |
| 18                 | $3\frac{3}{32}$     | $14\frac{11}{32}$ | $6\frac{57}{64}$ | $13\frac{7}{32}$ | $\frac{9}{32}$  | $9\frac{3}{32}$  | $4\frac{1}{2}$  | $6\frac{7}{16}$  | $7\frac{7}{8}$  | $5\frac{15}{16}$ | $2\frac{13}{16}$ | $13\frac{1}{2}$ | $5\frac{29}{32}$ | $1\frac{1}{8}$  | $14\frac{1}{8}$  |



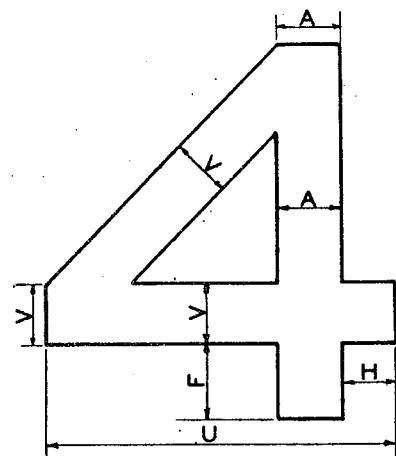
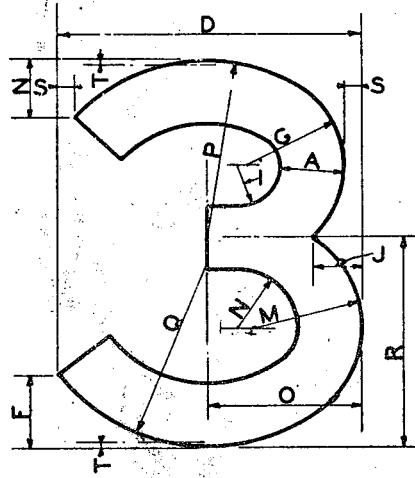
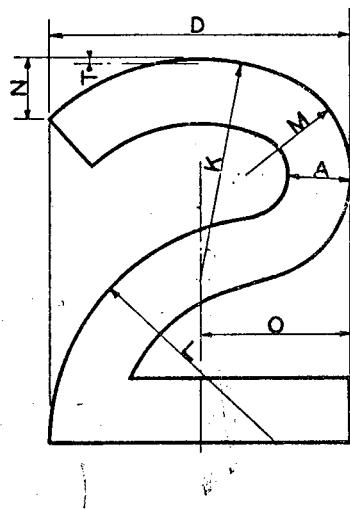
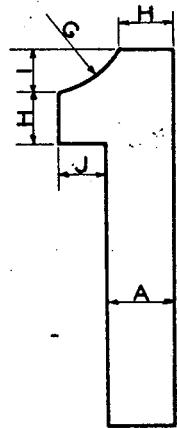
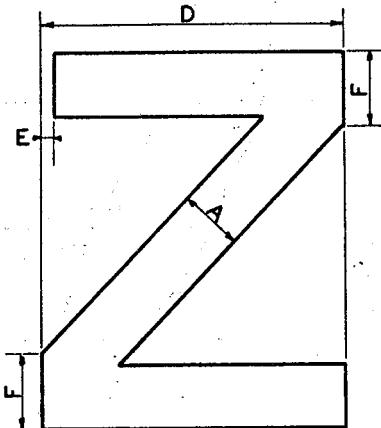
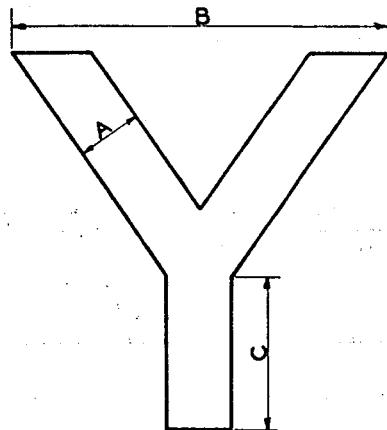
### SERIES E LETTERS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |         |         |         |       |        |         |        |        |       |        |        |        |        |        |
|--------------------|---------------------|---------|---------|---------|-------|--------|---------|--------|--------|-------|--------|--------|--------|--------|--------|
|                    | A                   | B       | C       | D       | E     | F      | G       | H      | I      | J     | K      | L      | M      | N      | O      |
| 2                  | 11/32               | 17/32   | 17/32   | 11/32   | 5/8   | 5/16   | 11/32   | 51/64  | 33/64  | 3/32  | 17/64  | 5/32   | 25/32  | 13/32  | 3/32   |
| 3                  | 33/64               | 249/64  | 153/64  | 225/64  | 15/16 | 15/32  | 231/64  | 13/16  | 29/32  | 3/64  | 27/32  | 17/64  | 11/64  | 39/64  | 9/64   |
| 4                  | 11/16               | 311/16  | 215/16  | 313/16  | 13/4  | 5/8    | 315/16  | 19/32  | 17/32  | 15/16 | 13/8   | 3/32   | 17/16  | 115/16 | 3/16   |
| 5                  | 55/64               | 464/64  | 33/64   | 363/64  | 19/16 | 23/32  | 49/64   | 163/64 | 133/64 | 3/64  | 13/32  | 64/64  | 181/64 | 164/64 | 13/64  |
| 6                  | 11/32               | 517/32  | 321/32  | 425/32  | 17/8  | 15/16  | 431/32  | 2      | 23/16  | 3/32  | 117/64 | 9/32   | 211/32 | 132/32 | 9/32   |
| 7                  | 113/64              | 629/64  | 417/64  | 537/64  | 23/16 | 13/32  | 55/64   | 225/32 | 21/8   | 7/64  | 31/32  | 5/32   | 183/64 | 217/64 | 21/64  |
| 8                  | 13/16               | 73/8    | 41/8    | 63/8    | 21/2  | 13/4   | 65/8    | 315/16 | 217/16 | 5/16  | 21/4   | 15/16  | 21/2   | 31/8   | 15/8   |
| 12                 | 21/8                | 111/8   | 75/8    | 99/16   | 33/4  | 17/8   | 915/16  | 425/32 | 321/16 | 33/8  | 33/32  | 315/16 | 411/16 | 27/16  | 5/16   |
| 18                 | 33/32               | 1619/32 | 1031/32 | 1411/32 | 53/8  | 213/16 | 1429/32 | 711/64 | 51/2   | 9/32  | 51/16  | 715/16 | 423/32 | 71/32  | 321/32 |



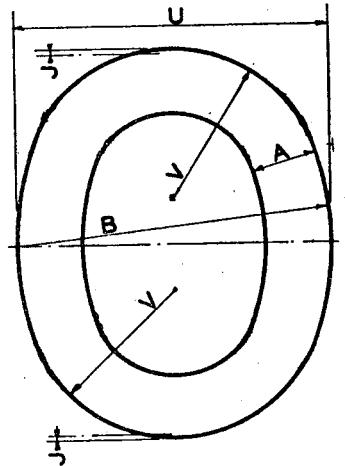
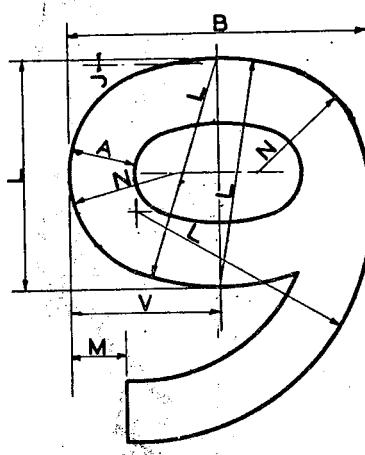
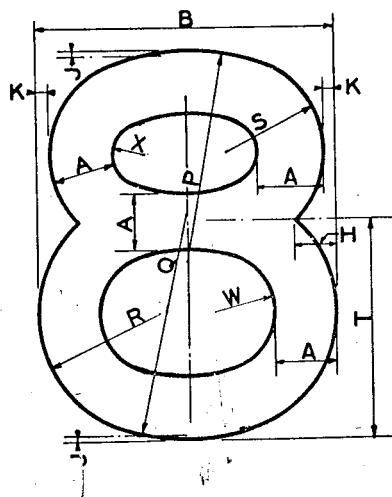
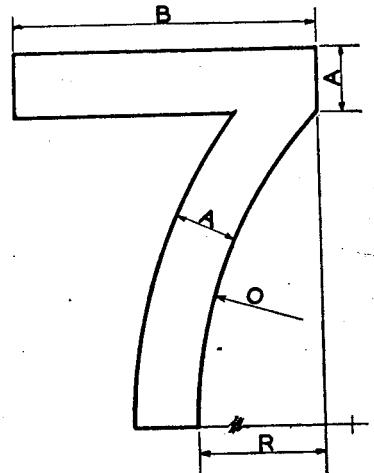
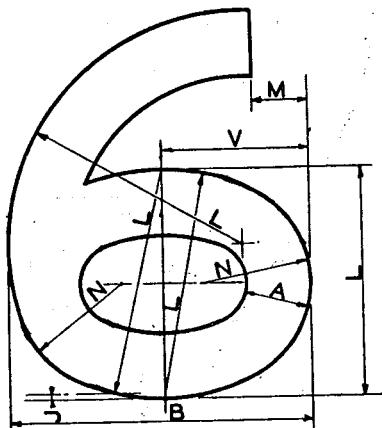
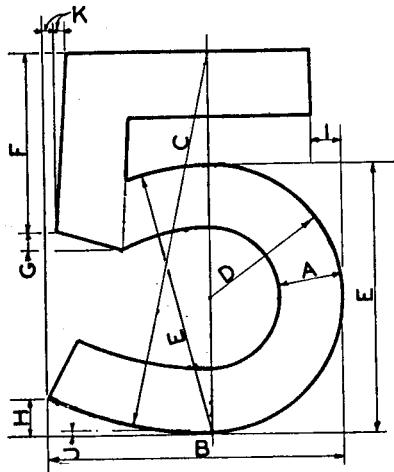
### SERIES E LETTERS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                   |                |                  |                  |                  |                  |                 |                  |                  |                  |                  |                  |                 |                   |                 |                 |                   |                |
|--------------------|---------------------|-------------------|----------------|------------------|------------------|------------------|------------------|-----------------|------------------|------------------|------------------|------------------|------------------|-----------------|-------------------|-----------------|-----------------|-------------------|----------------|
|                    | A                   | B                 | C              | D                | E                | F                | G                | H               | I                | J                | K                | L                | M                | N               | O                 | P               | Q               | R                 | S              |
| 2                  | $\frac{11}{32}$     | $\frac{19}{32}$   | 1              | $\frac{17}{32}$  | $\frac{31}{32}$  | $\frac{25}{32}$  | $\frac{5}{16}$   | $\frac{3}{32}$  | $\frac{37}{32}$  | $\frac{1}{32}$   | $\frac{115}{32}$ | $\frac{51}{64}$  | $\frac{113}{16}$ | $\frac{3}{8}$   | $\frac{23}{32}$   | $\frac{5}{8}$   | $\frac{11}{4}$  | $\frac{123}{32}$  | $\frac{1}{16}$ |
| 3                  | $\frac{33}{64}$     | $\frac{23}{64}$   | $\frac{11}{2}$ | $\frac{51}{64}$  | $\frac{129}{64}$ | $\frac{27}{32}$  | $\frac{19}{32}$  | $\frac{9}{64}$  | $\frac{25}{64}$  | $\frac{3}{64}$   | $\frac{213}{64}$ | $\frac{17}{16}$  | $\frac{223}{32}$ | $\frac{9}{16}$  | $\frac{3}{64}$    | $\frac{15}{16}$ | $\frac{17}{8}$  | $\frac{237}{64}$  | $\frac{3}{32}$ |
| 4                  | $\frac{11}{16}$     | $\frac{33}{16}$   | 2              | $\frac{11}{16}$  | $\frac{25}{16}$  | $\frac{5}{8}$    | $\frac{3}{16}$   | $\frac{15}{32}$ | $\frac{1}{16}$   | $\frac{215}{16}$ | $\frac{19}{32}$  | $\frac{3}{8}$    | $\frac{3}{4}$    | $\frac{43}{16}$ | $\frac{11}{4}$    | $\frac{21}{2}$  | $\frac{37}{16}$ | $\frac{1}{8}$     |                |
| 5                  | $\frac{55}{64}$     | $\frac{33}{64}$   | $\frac{21}{2}$ | $\frac{121}{64}$ | $\frac{267}{64}$ | $\frac{31}{32}$  | $\frac{29}{32}$  | $\frac{13}{64}$ | $\frac{17}{16}$  | $\frac{5}{64}$   | $\frac{343}{64}$ | $\frac{153}{32}$ | $\frac{417}{64}$ | $\frac{15}{16}$ | $\frac{515}{64}$  | $\frac{19}{16}$ | $\frac{31}{64}$ | $\frac{419}{64}$  | $\frac{3}{32}$ |
| 6                  | $\frac{13}{32}$     | $\frac{43}{32}$   | 3              | $\frac{11}{32}$  | $\frac{29}{32}$  | $\frac{11}{64}$  | $\frac{15}{16}$  | $\frac{32}{32}$ | $\frac{147}{64}$ | $\frac{3}{64}$   | $\frac{433}{64}$ | $\frac{225}{64}$ | $\frac{57}{16}$  | $\frac{11}{8}$  | $\frac{63}{32}$   | $\frac{17}{8}$  | $\frac{33}{4}$  | $\frac{53}{32}$   | $\frac{1}{16}$ |
| 7                  | $\frac{113}{64}$    | $\frac{537}{64}$  | $\frac{31}{2}$ | $\frac{155}{64}$ | $\frac{325}{64}$ | $\frac{123}{64}$ | $\frac{13}{32}$  | $\frac{21}{64}$ | $\frac{264}{64}$ | $\frac{7}{64}$   | $\frac{59}{64}$  | $\frac{225}{32}$ | $\frac{611}{64}$ | $\frac{15}{16}$ | $\frac{721}{64}$  | $\frac{21}{16}$ | $\frac{48}{64}$ | $\frac{61}{32}$   | $\frac{3}{2}$  |
| 8                  | $1\frac{1}{8}$      | $6\frac{3}{8}$    | 4              | $2\frac{1}{2}$   | $3\frac{7}{8}$   | $1\frac{9}{16}$  | $1\frac{1}{4}$   | $\frac{3}{8}$   | $2\frac{5}{16}$  | $\frac{1}{8}$    | $5\frac{7}{8}$   | $3\frac{3}{16}$  | $7\frac{1}{4}$   | $1\frac{1}{2}$  | $8\frac{3}{8}$    | $2\frac{1}{2}$  | 5               | $6\frac{7}{8}$    | $\frac{1}{4}$  |
| 12                 | $2\frac{1}{16}$     | $9\frac{9}{16}$   | 6              | $3\frac{3}{16}$  | $5\frac{13}{16}$ | $2\frac{11}{32}$ | $1\frac{7}{8}$   | $\frac{9}{16}$  | $3\frac{15}{32}$ | $\frac{5}{16}$   | $8\frac{13}{16}$ | $4\frac{25}{16}$ | $10\frac{7}{8}$  | $2\frac{1}{4}$  | $12\frac{9}{16}$  | $3\frac{3}{4}$  | $7\frac{1}{2}$  | $10\frac{5}{16}$  | $\frac{3}{8}$  |
| 18                 | $3\frac{3}{32}$     | $14\frac{11}{32}$ | 9              | $4\frac{55}{32}$ | $8\frac{63}{32}$ | $3\frac{1}{2}$   | $2\frac{13}{16}$ | $\frac{27}{32}$ | $5\frac{7}{16}$  | $\frac{3}{32}$   | $13\frac{7}{32}$ | $7\frac{11}{64}$ | $10\frac{5}{16}$ | $3\frac{3}{8}$  | $18\frac{27}{32}$ | $5\frac{5}{8}$  | $11\frac{1}{4}$ | $15\frac{15}{32}$ | $\frac{3}{16}$ |



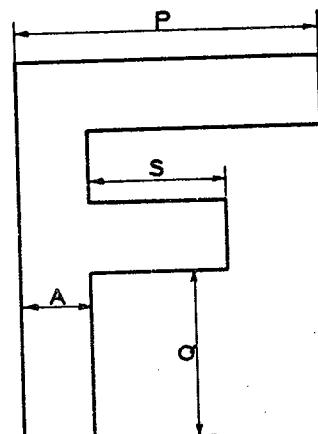
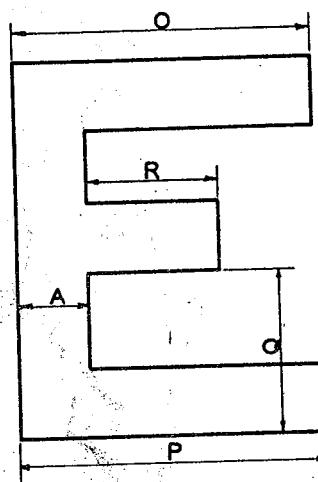
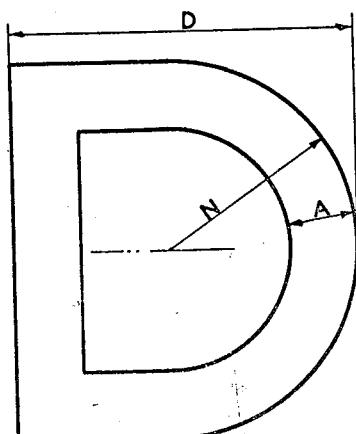
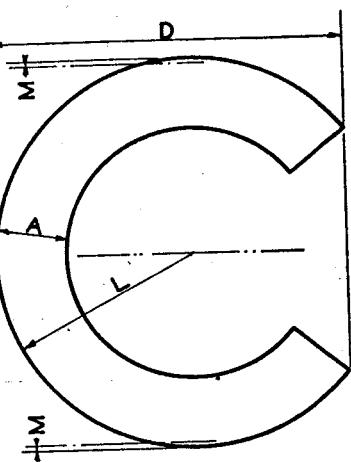
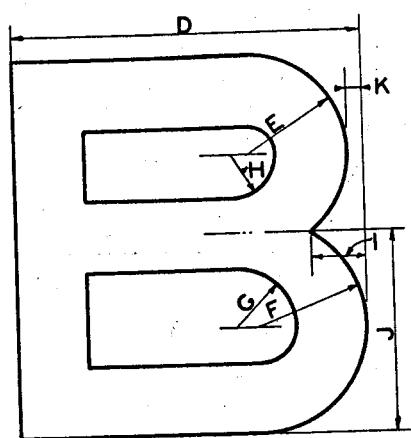
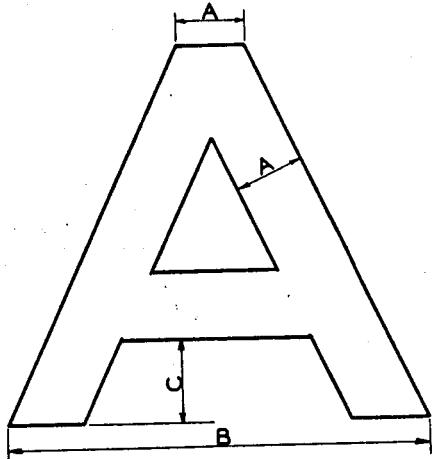
## SERIES E LETTERS AND NUMERALS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |    |                  |                   |                 |                  |                |                  |                 |                 |                   |                  |                  |                  |                  |                  |                |                  |                 |                  |                   |                  |
|--------------------|---------------------|----|------------------|-------------------|-----------------|------------------|----------------|------------------|-----------------|-----------------|-------------------|------------------|------------------|------------------|------------------|------------------|----------------|------------------|-----------------|------------------|-------------------|------------------|
|                    | A                   | B  | C                | D                 | E               | F                | G              | H                | I               | J               | K                 | L                | M                | N                | O                | P                | Q              | R                | S               | T                | U                 | V                |
| 2                  | $\frac{11}{32}$     | 2  | $\frac{13}{16}$  | $\frac{19}{32}$   | $\frac{15}{16}$ | $\frac{13}{32}$  | $\frac{1}{2}$  | $\frac{9}{32}$   | $\frac{7}{32}$  | $\frac{1}{4}$   | $1\frac{3}{16}$   | $1\frac{7}{32}$  | $\frac{9}{16}$   | $\frac{5}{16}$   | $\frac{21}{64}$  | $\frac{15}{16}$  | 1              | $1\frac{1}{8}$   | $\frac{3}{32}$  | $\frac{1}{32}$   | $1\frac{27}{32}$  | $\frac{21}{64}$  |
| 3                  | $\frac{33}{64}$     | 3  | $1\frac{7}{32}$  | $2\frac{25}{64}$  | $\frac{3}{2}$   | $\frac{39}{64}$  | $\frac{3}{4}$  | $\frac{27}{64}$  | $\frac{21}{64}$ | $\frac{3}{8}$   | $1\frac{25}{32}$  | $1\frac{53}{64}$ | $\frac{67}{32}$  | $\frac{15}{16}$  | $1\frac{3}{16}$  | $1\frac{13}{32}$ | $1\frac{1}{2}$ | $1\frac{1}{16}$  | $\frac{9}{64}$  | $1\frac{3}{64}$  | $2\frac{29}{64}$  | $\square$        |
| 4                  | $\frac{11}{16}$     | 4  | $1\frac{5}{8}$   | $3\frac{3}{16}$   | $\frac{1}{2}$   | $\frac{13}{16}$  | 1              | $\frac{9}{16}$   | $\frac{7}{16}$  | $\frac{1}{2}$   | $2\frac{3}{16}$   | $2\frac{7}{16}$  | $1\frac{1}{8}$   | $\frac{5}{8}$    | $1\frac{19}{64}$ | $1\frac{7}{16}$  | 2              | $2\frac{1}{4}$   | $\frac{3}{16}$  | $1'$             | $3\frac{11}{16}$  | $\frac{31}{32}$  |
| 5                  | $\frac{25}{64}$     | 5  | $2\frac{3}{32}$  | $3\frac{53}{64}$  | $\frac{5}{2}$   | $1\frac{53}{64}$ | $1\frac{1}{4}$ | $\frac{45}{64}$  | $\frac{35}{64}$ | $\frac{5}{8}$   | $2\frac{21}{32}$  | $3\frac{3}{64}$  | $1\frac{13}{32}$ | $\frac{25}{32}$  | $1\frac{63}{64}$ | $2\frac{11}{32}$ | $2\frac{1}{2}$ | $2\frac{13}{16}$ | $1\frac{5}{64}$ | $5\frac{29}{64}$ | $4\frac{63}{64}$  | $1\frac{15}{16}$ |
| 6                  | $1\frac{1}{2}$      | 6  | $2\frac{7}{16}$  | $4\frac{25}{32}$  | $\frac{3}{16}$  | $1\frac{31}{32}$ | $1\frac{1}{2}$ | $\frac{37}{32}$  | $\frac{3}{4}$   | $3\frac{9}{16}$ | $3\frac{31}{32}$  | $1\frac{11}{16}$ | $\frac{15}{16}$  | $2\frac{25}{64}$ | $2\frac{13}{16}$ | 3                | $3\frac{3}{8}$ | $\frac{9}{32}$   | $\frac{3}{32}$  | $5\frac{17}{32}$ | $\frac{63}{64}$   |                  |
| 7                  | $1\frac{13}{64}$    | 7  | $2\frac{27}{32}$ | $5\frac{57}{64}$  | $\frac{7}{2}$   | $1\frac{27}{32}$ | $1\frac{3}{4}$ | $\frac{63}{64}$  | $\frac{49}{64}$ | $\frac{7}{8}$   | $4\frac{3}{32}$   | $4\frac{17}{64}$ | $1\frac{31}{32}$ | $\frac{13}{32}$  | $2\frac{25}{32}$ | $3\frac{3}{32}$  | $3\frac{1}{2}$ | $\frac{21}{64}$  | $7$             | $6\frac{29}{64}$ | $1\frac{9}{32}$   |                  |
| 8                  | $1\frac{3}{8}$      | 8  | $3\frac{1}{4}$   | $6\frac{3}{8}$    | $\frac{1}{2}$   | $1\frac{5}{8}$   | 2              | $1\frac{1}{8}$   | $\frac{7}{8}$   | 1               | $4\frac{3}{4}$    | $4\frac{7}{8}$   | $2\frac{1}{4}$   | $1\frac{1}{4}$   | $3\frac{3}{16}$  | $3\frac{3}{4}$   | 4              | $4\frac{1}{2}$   | $\frac{3}{8}$   | $\frac{1}{8}$    | $7\frac{3}{8}$    | $1\frac{5}{16}$  |
| 12                 | $2\frac{1}{16}$     | 12 | $4\frac{7}{8}$   | $9\frac{9}{16}$   | $\frac{3}{8}$   | $2\frac{7}{16}$  | 3              | $1\frac{11}{16}$ | $1\frac{5}{16}$ | $1\frac{1}{2}$  | $7\frac{1}{8}$    | $7\frac{5}{16}$  | $3\frac{3}{8}$   | $1\frac{7}{8}$   | $4\frac{25}{32}$ | $5\frac{5}{8}$   | 6              | $6\frac{3}{4}$   | $\frac{9}{16}$  | $\frac{3}{16}$   | $11\frac{1}{16}$  | $1\frac{31}{32}$ |
| 18                 | $3\frac{3}{32}$     | 18 | $7\frac{7}{16}$  | $14\frac{11}{32}$ | $\frac{9}{16}$  | $3\frac{21}{32}$ | $4\frac{1}{2}$ | $2\frac{17}{32}$ | $\frac{33}{32}$ | $2\frac{1}{2}$  | $10\frac{11}{16}$ | $10\frac{3}{32}$ | $5\frac{1}{16}$  | $2\frac{13}{16}$ | $7\frac{3}{32}$  | $8\frac{7}{16}$  | 9              | $10\frac{1}{8}$  | $\frac{27}{32}$ | $\frac{9}{32}$   | $16\frac{19}{32}$ | $2\frac{15}{16}$ |



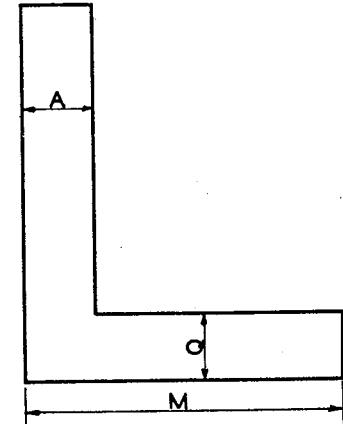
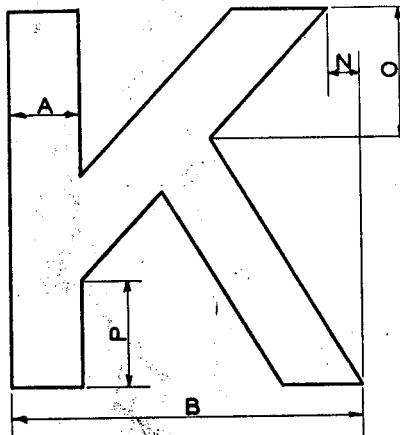
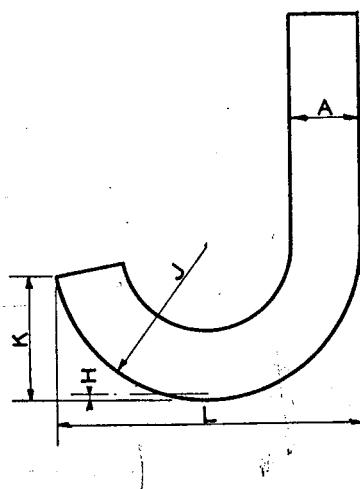
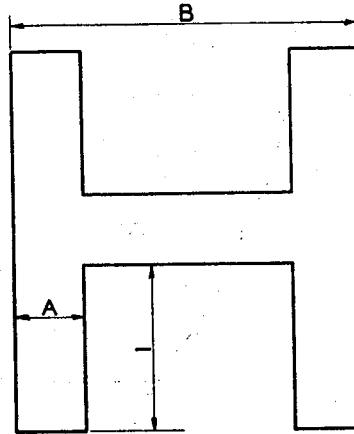
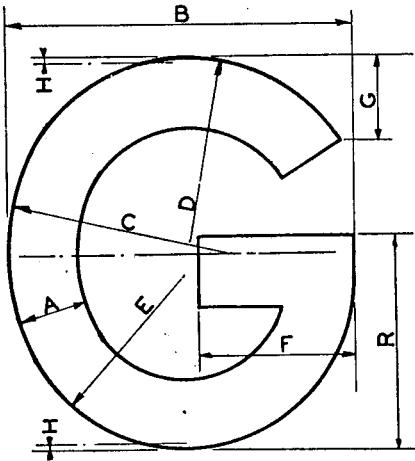
### SERIES E NUMERALS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |          |         |         |          |         |        |         |       |      |          |         |         |         |         |          |         |         |          |          |         |         |         |       |
|--------------------|---------------------|----------|---------|---------|----------|---------|--------|---------|-------|------|----------|---------|---------|---------|---------|----------|---------|---------|----------|----------|---------|---------|---------|-------|
|                    | A                   | B        | C       | D       | E        | F       | G      | H       | I     | J    | K        | L       | M       | N       | O       | P        | Q       | R       | S        | T        | U       | V       | W       | X     |
| 2                  | 1/32                | 1 1/2    | 2 1/2   | 2 3/2   | 1 7/16   | 15/16   | 3/32   | 7/32    | 5/32  | 1/16 | 1 1/2    | 3/16    | 9/16    | 2 7/16  | 1 7/16  | 1 1/16   | 2 1/16  | 2 1/16  | 3 1/16   | 1 3/2    | 1 1/2   | 2 1/2   | 19/64   | 9/64  |
| 3                  | 2 3/32              | 2 25/32  | 3 3/4   | 1 5/16  | 2 5/32   | 1 13/32 | 9/64   | 21/64   | 15/64 | 3/64 | 1 13/64  | 27/64   | 3 3/32  | 1 13/32 | 1 13/64 | 2 1/2    | 2 1/2   | 2 1/2   | 1 1/2    | 2 1/2    | 2 1/2   | 1 1/2   | 17/32   |       |
| 4                  | 1 1/16              | 3 3/8    | 4 1/2   | 1 7/16  | 2 7/16   | 1 7/16  | 7/16   | 7/16    | 1/16  | 1/16 | 2 7/16   | 7/16    | 1 1/8   | 4 7/8   | 2 7/8   | 2 3/8    | 2 3/8   | 1 5/16  | 1 9/16   | 2 1/16   | 3 5/16  | 1 9/16  | 7/32    | 5/32  |
| 5                  | 2 5/32              | 3 63/32  | 5 5/8   | 1 21/32 | 3 19/32  | 2 11/32 | ■      | 35/64   | 23/64 | 5/64 | 3 3/64   | 23/64   | 1 13/32 | 6 3/32  | 2 19/32 | 4 1/16   | 1 15/16 | 2 7/16  | 4 5/16   | 2 5/16   | 4 9/16  | 6 1/16  | 47/64   | 23/32 |
| 6                  | 1 1/32              | 4 29/32  | 6 3/32  | 2 5/8   | 4 5/16   | 2 13/32 | 9/32   | 21/32   | 3/32  | 3/16 | 3 21/32  | 27/32   | 1 13/16 | 7 7/16  | 3 21/16 | 3 1/16   | 3 1/16  | 3 1/16  | 3 1/16   | 3 1/16   | 3 1/16  | 3 1/16  | 57/32   |       |
| 7                  | 1 13/64             | 5 37/64  | 7 7/64  | 2 23/32 | 5 1/32   | 3 9/32  | 6 1/64 | 21/64   | 35/64 | 7/64 | 4 17/64  | 63/64   | 1 21/32 | 8 1/32  | 3 7/64  | 4 5/32   | 2 6/32  | 1 64/64 | 4 3/64   | 5 61/64  | 2 47/64 | 1 32/64 | 1/2     |       |
| 8                  | 1 3/8               | 6 3/8    | 8 1/8   | 2 7/8   | 5 3/4    | 3 2/4   | 3/8    | 7/8     | 5/8   | 1/8  | 4 7/8    | 1 1/8   | 2 1/4   | 9 3/4   | 4 7/16  | 4 3/4    | 2 5/8   | 1 63/64 | 4 5/8    | 6 8/8    | 3 1/8   | 1 1/16  | 3/32    |       |
| 12                 | 2 1/16              | 9 9/16   | 12 3/16 | 4 5/16  | 8 5/8    | 5 5/8   | 9/16   | 1 1/16  | 15/16 | 3/16 | 7 7/16   | 1 1/16  | 3 3/8   | 14 5/8  | 6 2/32  | 7 1/8    | 3 1/16  | 2 31/32 | 6 1/16   | 9 1/16   | 4 1/16  | 1 25/32 | 27/32   |       |
| 18                 | 3 3/32              | 14 11/32 | 18 9/32 | 6 15/32 | 12 15/16 | 8 7/16  | 27/32  | 1 31/32 | 9/32  | 9/16 | 10 31/32 | 2 17/32 | 5 1/16  | 21 1/16 | 9 63/64 | 10 11/16 | 5 53/64 | 4 29/64 | 10 13/32 | 14 29/32 | 7 1/32  | 2 43/64 | 1 17/64 |       |



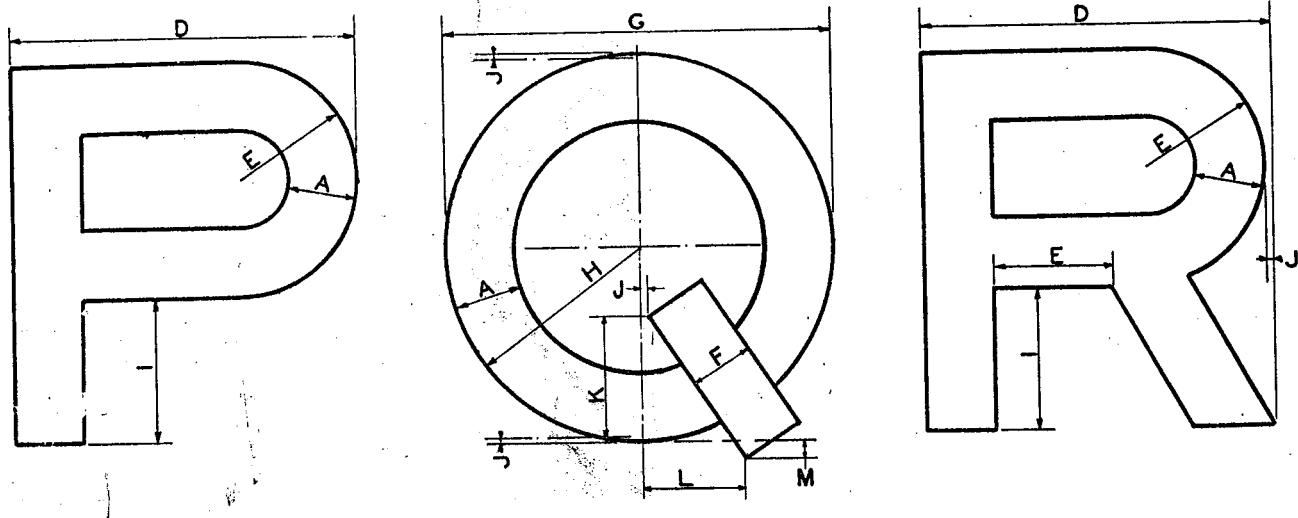
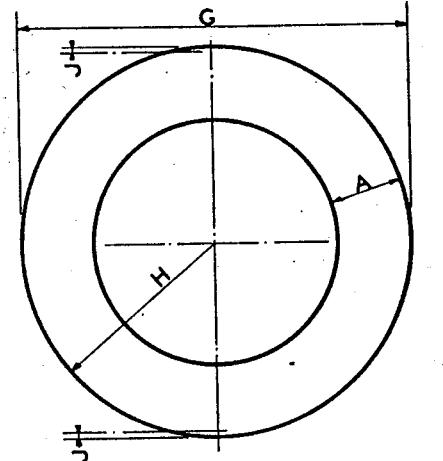
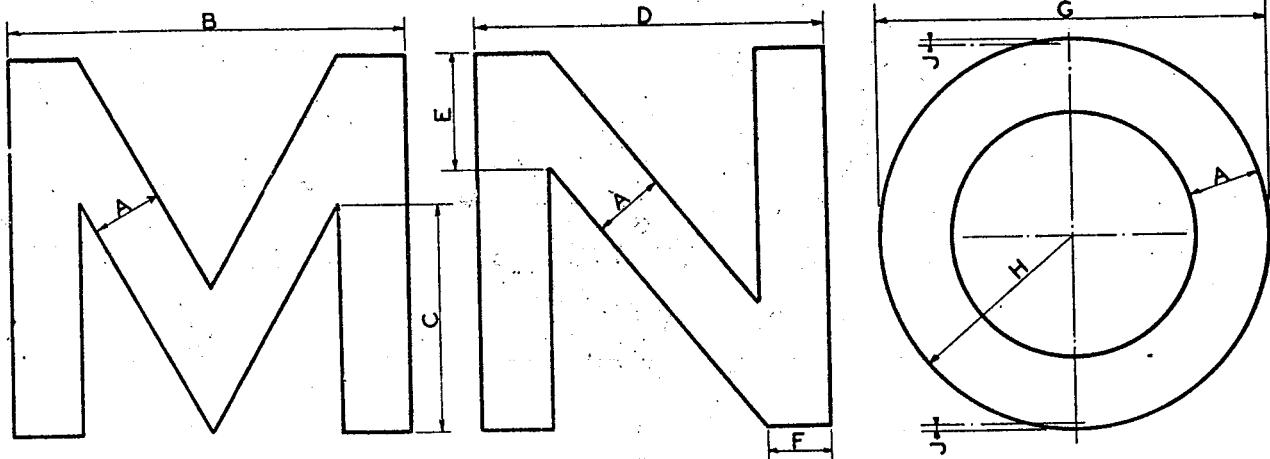
### SERIES F LETTERS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                 |                  |                   |                  |                  |                  |                 |                  |                  |                 |                  |                |                  |                   |                  |                 |                  |                  |
|--------------------|---------------------|-----------------|------------------|-------------------|------------------|------------------|------------------|-----------------|------------------|------------------|-----------------|------------------|----------------|------------------|-------------------|------------------|-----------------|------------------|------------------|
|                    | A                   | B               | C                | D                 | E                | F                | G                | H               | I                | J                | K               | L                | M              | N                | O                 | P                | Q               | R                | S                |
| 2                  | $\frac{3}{8}$       | $2\frac{1}{4}$  | $\frac{7}{16}$   | $1\frac{27}{32}$  | $\frac{17}{32}$  | $\frac{9}{16}$   | $\frac{5}{16}$   | $\frac{9}{32}$  | $1\frac{1}{16}$  | $\frac{3}{32}$   | $1\frac{1}{32}$ | $\frac{3}{32}$   | 1              | $\frac{1}{16}$   | $\frac{19}{32}$   | $\frac{7}{8}$    | $\frac{11}{16}$ | $\frac{23}{32}$  |                  |
| 3                  | $\frac{9}{16}$      | $3\frac{3}{8}$  | $\frac{21}{32}$  | $2\frac{9}{16}$   | $\frac{51}{64}$  | $\frac{27}{32}$  | $\frac{15}{32}$  | $\frac{21}{64}$ | $\frac{27}{64}$  | $1\frac{19}{32}$ | $\frac{9}{64}$  | $1\frac{35}{32}$ | $\frac{3}{64}$ | $1\frac{1}{2}$   | $2\frac{11}{32}$  | $2\frac{25}{64}$ | $1\frac{1}{16}$ | $1\frac{1}{32}$  | $1\frac{61}{64}$ |
| 4                  | $\frac{3}{4}$       | $4\frac{1}{2}$  | $\frac{7}{8}$    | $3\frac{11}{16}$  | $1\frac{1}{16}$  | $1\frac{1}{8}$   | $\frac{5}{8}$    | $\frac{9}{16}$  | $2\frac{1}{16}$  | $\frac{3}{16}$   | $2\frac{1}{16}$ | $\frac{1}{16}$   | 2              | $3\frac{1}{8}$   | $3\frac{1}{16}$   | $1\frac{3}{4}$   | $1\frac{3}{8}$  | $1\frac{7}{16}$  |                  |
| 5                  | $\frac{15}{16}$     | $5\frac{5}{8}$  | $1\frac{3}{16}$  | $4\frac{33}{64}$  | $1\frac{21}{64}$ | $1\frac{13}{32}$ | $2\frac{23}{32}$ | $\frac{55}{64}$ | $\frac{45}{64}$  | $2\frac{21}{32}$ | $\frac{15}{64}$ | $2\frac{37}{32}$ | $\frac{5}{64}$ | $2\frac{1}{2}$   | $3\frac{29}{32}$  | $3\frac{63}{64}$ | $2\frac{3}{16}$ | $1\frac{23}{32}$ | $1\frac{61}{64}$ |
| 6                  | $1\frac{1}{8}$      | $6\frac{3}{4}$  | $1\frac{5}{16}$  | $5\frac{17}{32}$  | $1\frac{19}{32}$ | $1\frac{11}{16}$ | $1\frac{15}{16}$ | $2\frac{1}{16}$ | $2\frac{7}{32}$  | $3\frac{3}{16}$  | $\frac{9}{32}$  | $3\frac{5}{32}$  | $\frac{3}{32}$ | 3                | $4\frac{1}{16}$   | $4\frac{25}{32}$ | $2\frac{5}{8}$  | $2\frac{1}{16}$  | $2\frac{5}{32}$  |
| 7                  | $1\frac{5}{16}$     | $7\frac{7}{8}$  | $1\frac{17}{32}$ | $6\frac{29}{64}$  | $1\frac{55}{64}$ | $1\frac{31}{32}$ | $1\frac{3}{32}$  | $4\frac{9}{64}$ | $6\frac{3}{64}$  | $3\frac{23}{32}$ | $2\frac{1}{64}$ | $3\frac{39}{64}$ | $\frac{7}{64}$ | $3\frac{1}{2}$   | $5\frac{15}{32}$  | $5\frac{37}{64}$ | $3\frac{1}{16}$ | $2\frac{13}{32}$ | $2\frac{33}{64}$ |
| 8                  | $1\frac{1}{2}$      | 9               | $1\frac{3}{4}$   | $7\frac{8}{16}$   | $2\frac{5}{8}$   | $2\frac{1}{4}$   | $1\frac{1}{4}$   | $\frac{7}{8}$   | $1\frac{1}{8}$   | $4\frac{1}{4}$   | $\frac{3}{8}$   | $4\frac{1}{8}$   | $\frac{1}{8}$  | 4                | $6\frac{1}{4}$    | $6\frac{3}{8}$   | $3\frac{1}{2}$  | $2\frac{7}{8}$   | $2\frac{7}{8}$   |
| 12                 | $2\frac{1}{4}$      | $13\frac{1}{2}$ | $2\frac{5}{8}$   | $11\frac{1}{16}$  | $3\frac{3}{16}$  | $3\frac{3}{8}$   | $1\frac{7}{8}$   | $1\frac{1}{16}$ | $1\frac{1}{16}$  | $6\frac{3}{32}$  | $\frac{15}{32}$ | $6\frac{7}{16}$  | $\frac{3}{16}$ | 6                | $9\frac{3}{8}$    | $9\frac{9}{16}$  | $5\frac{1}{4}$  | $4\frac{1}{8}$   | $4\frac{1}{8}$   |
| 18                 | $3\frac{3}{8}$      | $20\frac{1}{4}$ | $3\frac{15}{16}$ | $16\frac{19}{32}$ | $4\frac{25}{32}$ | $5\frac{7}{16}$  | $2\frac{13}{16}$ | $3\frac{1}{32}$ | $2\frac{17}{32}$ | $3\frac{27}{32}$ | $9\frac{3}{32}$ | $\frac{9}{32}$   | 9              | $14\frac{1}{16}$ | $14\frac{11}{32}$ | $7\frac{7}{8}$   | $6\frac{1}{16}$ | $6\frac{5}{32}$  |                  |



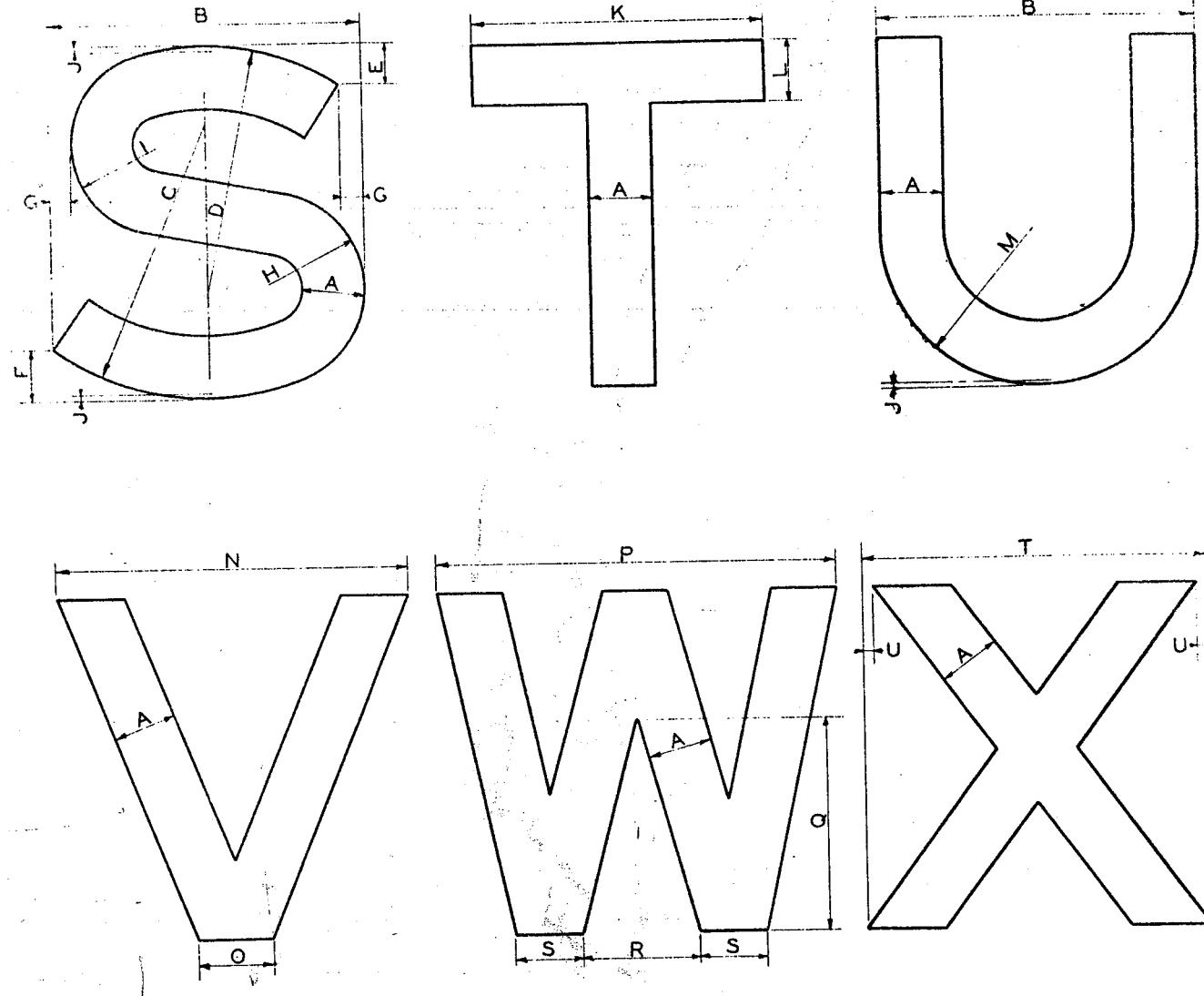
### SERIES F LETTERS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                   |                   |                  |                  |                  |                  |                  |                 |                  |                  |                  |                  |                 |                  |                  |                  |                 |
|--------------------|---------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|------------------|-----------------|------------------|------------------|------------------|------------------|-----------------|------------------|------------------|------------------|-----------------|
|                    | A                   | B                 | C                 | D                | E                | F                | G                | H                | I               | J                | K                | L                | M                | N               | O                | P                | Q                | R               |
| 2                  | $\frac{3}{8}$       | $\frac{17}{32}$   | $\frac{3}{16}$    | $\frac{31}{32}$  | $\frac{29}{32}$  | $\frac{27}{32}$  | $\frac{7}{16}$   | $\frac{1}{2}$    | $\frac{7}{8}$   | $\frac{13}{16}$  | $\frac{21}{32}$  | $\frac{1}{2}$    | $\frac{11}{16}$  | $\frac{5}{32}$  | $\frac{11}{16}$  | $\frac{9}{16}$   | $\frac{11}{32}$  | $\frac{1}{8}$   |
| 3                  | $\frac{9}{16}$      | $\frac{29}{64}$   | $\frac{125}{32}$  | $\frac{129}{64}$ | $\frac{123}{64}$ | $\frac{117}{64}$ | $\frac{3}{64}$   | $\frac{11}{16}$  | $\frac{1}{2}$   | $\frac{63}{64}$  | $\frac{27}{16}$  | $\frac{217}{32}$ | $\frac{15}{64}$  | $\frac{11}{32}$ | $\frac{27}{32}$  | $\frac{33}{64}$  | $\frac{1}{16}$   |                 |
| 4                  | $\frac{3}{4}$       | $\frac{311}{64}$  | $\frac{23}{8}$    | $\frac{15}{16}$  | $\frac{13}{16}$  | $\frac{11}{16}$  | $\frac{7}{8}$    | $\frac{1}{2}$    | $\frac{1}{2}$   | $\frac{15}{16}$  | $\frac{3}{2}$    | $\frac{3}{8}$    | $\frac{5}{16}$   | $\frac{1}{8}$   | $\frac{1}{8}$    | $\frac{11}{16}$  | $\frac{13}{32}$  |                 |
| 5                  | $\frac{15}{16}$     | $\frac{429}{64}$  | $\frac{23}{32}$   | $\frac{227}{64}$ | $\frac{217}{64}$ | $\frac{21}{64}$  | $\frac{5}{64}$   | $\frac{215}{64}$ | $\frac{21}{64}$ | $\frac{141}{64}$ | $\frac{47}{16}$  | $\frac{25}{32}$  | $\frac{13}{64}$  | $\frac{13}{32}$ | $\frac{25}{64}$  | $\frac{13}{32}$  | $\frac{21}{64}$  |                 |
| 6                  | $1\frac{1}{8}$      | $\frac{517}{32}$  | $\frac{39}{16}$   | $\frac{229}{32}$ | $\frac{223}{32}$ | $\frac{217}{32}$ | $\frac{15}{16}$  | $\frac{3}{2}$    | $\frac{25}{8}$  | $\frac{27}{16}$  | $\frac{131}{32}$ | $\frac{47}{8}$   | $\frac{51}{16}$  | $\frac{15}{32}$ | $\frac{21}{16}$  | $1\frac{1}{16}$  | $1\frac{1}{32}$  | $3\frac{3}{8}$  |
| 7                  | $1\frac{5}{16}$     | $\frac{629}{64}$  | $\frac{45}{32}$   | $\frac{325}{64}$ | $\frac{311}{64}$ | $\frac{281}{64}$ | $\frac{17}{32}$  | $\frac{7}{64}$   | $\frac{31}{16}$ | $\frac{27}{64}$  | $\frac{219}{64}$ | $\frac{511}{16}$ | $\frac{529}{64}$ | $\frac{35}{64}$ | $\frac{213}{32}$ | $1\frac{31}{32}$ | $1\frac{13}{64}$ | $3\frac{5}{16}$ |
| 8                  | $1\frac{1}{2}$      | $7\frac{3}{8}$    | $4\frac{3}{4}$    | $3\frac{7}{8}$   | $3\frac{5}{8}$   | $3\frac{3}{8}$   | $\frac{1}{4}$    | $\frac{1}{8}$    | $\frac{3}{2}$   | $\frac{31}{4}$   | $\frac{25}{8}$   | $\frac{61}{2}$   | $\frac{63}{4}$   | $\frac{5}{8}$   | $2\frac{3}{4}$   | $2\frac{1}{8}$   | $4\frac{1}{2}$   |                 |
| 12                 | $2\frac{1}{4}$      | $11\frac{1}{16}$  | $7\frac{1}{8}$    | $5\frac{13}{16}$ | $5\frac{7}{16}$  | $5\frac{1}{16}$  | $2\frac{5}{8}$   | $\frac{7}{16}$   | $5\frac{1}{4}$  | $4\frac{7}{8}$   | $3\frac{15}{16}$ | $9\frac{3}{4}$   | $10\frac{1}{8}$  | $\frac{15}{16}$ | $4\frac{1}{8}$   | $3\frac{3}{8}$   | $2\frac{1}{16}$  | $6\frac{3}{4}$  |
| 18                 | $3\frac{3}{8}$      | $16\frac{19}{32}$ | $10\frac{11}{16}$ | $8\frac{23}{32}$ | $8\frac{5}{32}$  | $7\frac{19}{32}$ | $3\frac{15}{32}$ | $\frac{9}{32}$   | $7\frac{7}{8}$  | $7\frac{5}{16}$  | $5\frac{29}{32}$ | $14\frac{5}{8}$  | $15\frac{3}{16}$ | $1\frac{3}{32}$ | $6\frac{3}{16}$  | $5\frac{1}{16}$  | $3\frac{3}{32}$  | $10\frac{1}{8}$ |



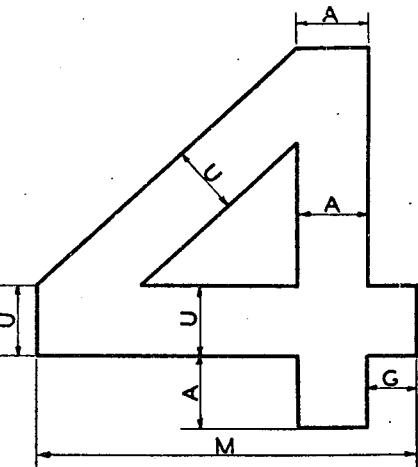
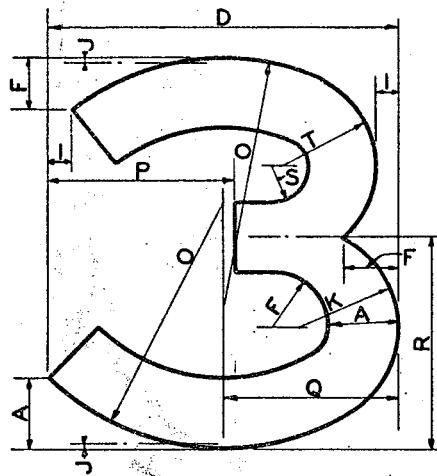
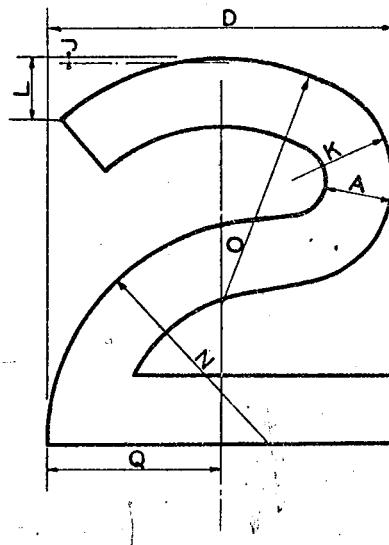
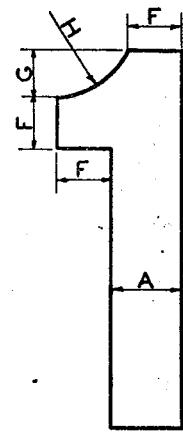
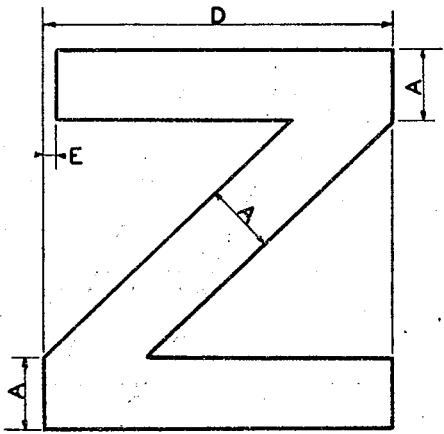
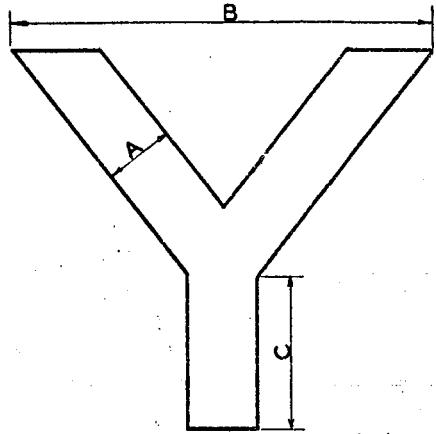
### SERIES F LETTERS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                 |                   |                   |                  |                  |                  |                  |                |                |                  |                  |                 |
|--------------------|---------------------|-----------------|-------------------|-------------------|------------------|------------------|------------------|------------------|----------------|----------------|------------------|------------------|-----------------|
|                    | A                   | B               | C                 | D                 | E                | F                | G                | H                | I              | J              | K                | L                | M               |
| 2                  | $\frac{3}{8}$       | $2\frac{1}{8}$  | $1\frac{3}{16}$   | $1\frac{27}{32}$  | $\frac{5}{8}$    | $\frac{11}{32}$  | $2\frac{1}{16}$  | $1\frac{1}{32}$  | $\frac{3}{4}$  | $\frac{1}{32}$ | $\frac{21}{32}$  | $\frac{17}{32}$  | $\frac{3}{32}$  |
| 3                  | $\frac{9}{16}$      | $3\frac{3}{16}$ | $1\frac{25}{32}$  | $2\frac{49}{64}$  | $1\frac{15}{16}$ | $\frac{23}{64}$  | $3\frac{3}{32}$  | $1\frac{35}{64}$ | $1\frac{1}{8}$ | $\frac{3}{64}$ | $\frac{83}{64}$  | $\frac{51}{64}$  | $\frac{9}{64}$  |
| 4                  | $\frac{3}{4}$       | $4\frac{1}{4}$  | $2\frac{3}{8}$    | $3\frac{11}{16}$  | $1\frac{1}{4}$   | $\frac{11}{16}$  | $4\frac{1}{8}$   | $2\frac{1}{16}$  | $1\frac{1}{2}$ | $\frac{1}{16}$ | $1\frac{5}{16}$  | $1\frac{1}{16}$  | $\frac{3}{16}$  |
| 5                  | $\frac{15}{16}$     | $5\frac{5}{16}$ | $2\frac{31}{32}$  | $4\frac{29}{64}$  | $1\frac{9}{16}$  | $\frac{53}{64}$  | $5\frac{3}{32}$  | $2\frac{37}{64}$ | $1\frac{7}{8}$ | $\frac{3}{64}$ | $1\frac{21}{64}$ | $1\frac{21}{64}$ | $\frac{9}{64}$  |
| 6                  | $1\frac{1}{8}$      | $6\frac{3}{8}$  | $3\frac{9}{16}$   | $5\frac{17}{32}$  | $1\frac{7}{8}$   | $1\frac{32}{32}$ | $6\frac{3}{16}$  | $3\frac{3}{32}$  | $2\frac{1}{4}$ | $\frac{3}{32}$ | $1\frac{31}{32}$ | $1\frac{19}{32}$ | $\frac{9}{32}$  |
| 7                  | $1\frac{5}{16}$     | $7\frac{7}{16}$ | $4\frac{5}{32}$   | $6\frac{29}{64}$  | $2\frac{3}{16}$  | $1\frac{13}{64}$ | $7\frac{3}{32}$  | $3\frac{39}{64}$ | $2\frac{5}{8}$ | $\frac{7}{64}$ | $2\frac{19}{64}$ | $3\frac{21}{64}$ | $\frac{21}{64}$ |
| 8                  | $1\frac{1}{2}$      | $8\frac{1}{2}$  | $4\frac{3}{4}$    | $7\frac{7}{8}$    | $2\frac{2}{3}$   | $1\frac{3}{8}$   | $8\frac{1}{4}$   | $4\frac{1}{8}$   | $3$            | $\frac{1}{8}$  | $2\frac{5}{8}$   | $2\frac{1}{8}$   | $\frac{1}{8}$   |
| 12                 | $2\frac{1}{4}$      | $12\frac{3}{4}$ | $7\frac{1}{8}$    | $11\frac{1}{16}$  | $3\frac{3}{4}$   | $2\frac{1}{16}$  | $12\frac{3}{8}$  | $6\frac{3}{16}$  | $4\frac{1}{2}$ | $\frac{3}{16}$ | $3\frac{15}{16}$ | $3\frac{3}{16}$  | $\frac{9}{16}$  |
| 18                 | $3\frac{3}{8}$      | $19\frac{1}{8}$ | $10\frac{11}{16}$ | $16\frac{19}{32}$ | $5\frac{5}{8}$   | $3\frac{3}{32}$  | $18\frac{9}{16}$ | $9\frac{9}{32}$  | $6\frac{3}{4}$ | $\frac{9}{32}$ | $5\frac{29}{32}$ | $4\frac{25}{32}$ | $\frac{27}{32}$ |



### SERIES F LETTERS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                   |                  |                   |                  |                  |                |                  |                  |                |                  |                  |                  |                  |                  |                   |                  |                  |                  |                |                |
|--------------------|---------------------|-------------------|------------------|-------------------|------------------|------------------|----------------|------------------|------------------|----------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|----------------|----------------|
|                    | A                   | B                 | C                | D                 | E                | F                | G              | H                | I                | J              | K                | L                | M                | N                | O                | P                 | Q                | R                | S                | T              | U              |
| 2                  | $\frac{3}{8}$       | $1\frac{27}{32}$  | $1\frac{9}{16}$  | $1\frac{7}{16}$   | $1\frac{15}{64}$ | $1\frac{19}{64}$ | $\frac{1}{8}$  | $\frac{9}{16}$   | $\frac{17}{32}$  | $\frac{1}{32}$ | $1\frac{11}{16}$ | $\frac{11}{32}$  | $\frac{59}{64}$  | $2\frac{1}{16}$  | $\frac{7}{16}$   | $2\frac{5}{16}$   | $1\frac{1}{16}$  | $1\frac{11}{16}$ | $1\frac{3}{32}$  | $2$            | $\frac{1}{16}$ |
| 3                  | $\frac{9}{16}$      | $2\frac{3}{4}$    | $2\frac{5}{32}$  | $2\frac{5}{32}$   | $1\frac{11}{32}$ | $1\frac{7}{16}$  | $\frac{3}{16}$ | $\frac{27}{32}$  | $\frac{51}{64}$  | $\frac{3}{64}$ | $2\frac{17}{32}$ | $\frac{33}{64}$  | $1\frac{3}{8}$   | $3\frac{3}{32}$  | $2\frac{15}{32}$ | $1\frac{7}{8}$    | $1\frac{31}{32}$ | $\frac{39}{64}$  | $3$              | $\frac{3}{32}$ |                |
| 4                  | $\frac{3}{4}$       | $3\frac{1}{16}$   | $3\frac{1}{5}$   | $2\frac{7}{32}$   | $1\frac{15}{32}$ | $1\frac{19}{32}$ | $\frac{1}{4}$  | $1\frac{1}{8}$   | $1\frac{1}{16}$  | $\frac{1}{16}$ | $3\frac{3}{8}$   | $\frac{11}{16}$  | $1\frac{27}{32}$ | $4\frac{1}{8}$   | $\frac{7}{8}$    | $4\frac{5}{8}$    | $2\frac{1}{2}$   | $1\frac{3}{8}$   | $1\frac{15}{32}$ | $4$            | $\frac{1}{8}$  |
| 5                  | $\frac{15}{16}$     | $4\frac{19}{32}$  | $3\frac{29}{32}$ | $3\frac{19}{32}$  | $3\frac{37}{64}$ | $4\frac{47}{64}$ | $\frac{5}{64}$ | $1\frac{13}{32}$ | $1\frac{21}{64}$ | $\frac{5}{64}$ | $4\frac{7}{32}$  | $\frac{55}{64}$  | $2\frac{19}{64}$ | $5\frac{5}{32}$  | $1\frac{3}{32}$  | $5\frac{25}{32}$  | $3\frac{1}{8}$   | $1\frac{23}{32}$ | $1\frac{61}{64}$ | $5$            | $\frac{5}{32}$ |
| 6                  | $1\frac{1}{8}$      | $5\frac{17}{32}$  | $4\frac{11}{16}$ | $4\frac{5}{16}$   | $4\frac{5}{64}$  | $5\frac{7}{64}$  | $\frac{3}{8}$  | $1\frac{11}{16}$ | $1\frac{19}{32}$ | $\frac{3}{32}$ | $5\frac{1}{16}$  | $1\frac{31}{32}$ | $2\frac{49}{64}$ | $6\frac{3}{16}$  | $1\frac{5}{16}$  | $6\frac{15}{16}$  | $3\frac{3}{4}$   | $2\frac{1}{16}$  | $1\frac{2}{32}$  | $6$            | $\frac{3}{16}$ |
| 7                  | $\frac{15}{16}$     | $6\frac{7}{16}$   | $5\frac{15}{32}$ | $5\frac{1}{32}$   | $1\frac{3}{16}$  | $1\frac{32}{32}$ | $7$            | $1\frac{31}{32}$ | $1\frac{55}{64}$ | $7$            | $5\frac{29}{32}$ | $1\frac{3}{64}$  | $3\frac{7}{32}$  | $7\frac{7}{32}$  | $1\frac{17}{32}$ | $8\frac{1}{32}$   | $4\frac{3}{8}$   | $2\frac{13}{32}$ | $1\frac{61}{64}$ | $7$            | $\frac{7}{32}$ |
| 8                  | $1\frac{1}{2}$      | $7\frac{3}{8}$    | $6\frac{1}{4}$   | $5\frac{3}{4}$    | $1\frac{15}{16}$ | $1\frac{3}{16}$  | $\frac{1}{2}$  | $2\frac{1}{4}$   | $2\frac{1}{8}$   | $\frac{1}{8}$  | $6\frac{3}{4}$   | $1\frac{3}{8}$   | $3\frac{11}{16}$ | $8\frac{1}{4}$   | $1\frac{3}{4}$   | $9\frac{1}{4}$    | $5$              | $2\frac{3}{4}$   | $1\frac{5}{8}$   | $8$            | $\frac{1}{4}$  |
| 12                 | $2\frac{1}{4}$      | $11\frac{1}{16}$  | $9\frac{3}{8}$   | $8\frac{5}{8}$    | $1\frac{13}{32}$ | $1\frac{25}{32}$ | $\frac{3}{4}$  | $3\frac{3}{8}$   | $3\frac{3}{16}$  | $\frac{3}{16}$ | $10\frac{9}{16}$ | $2\frac{1}{16}$  | $5\frac{17}{32}$ | $12\frac{3}{8}$  | $2\frac{5}{8}$   | $13\frac{7}{16}$  | $7\frac{1}{2}$   | $4\frac{1}{8}$   | $2\frac{7}{16}$  | $12$           | $\frac{3}{8}$  |
| 18                 | $3\frac{3}{8}$      | $16\frac{19}{32}$ | $14\frac{1}{16}$ | $12\frac{15}{16}$ | $2\frac{8}{8}$   | $2\frac{1}{16}$  | $1\frac{1}{8}$ | $5\frac{1}{16}$  | $4\frac{25}{32}$ | $\frac{9}{32}$ | $15\frac{3}{32}$ | $3\frac{3}{32}$  | $8\frac{19}{64}$ | $18\frac{9}{16}$ | $3\frac{15}{16}$ | $20\frac{13}{16}$ | $1\frac{1}{4}$   | $6\frac{3}{16}$  | $3\frac{21}{32}$ | $18$           | $\frac{9}{16}$ |



### SERIES F LETTERS AND NUMERALS

| HEIGHT<br>(INCHES) | DIMENSIONS (INCHES) |                 |                  |                   |                |                  |                |                  |                 |                |                  |                  |    |                   |                   |                  |                  |                  |                  |                |                 |
|--------------------|---------------------|-----------------|------------------|-------------------|----------------|------------------|----------------|------------------|-----------------|----------------|------------------|------------------|----|-------------------|-------------------|------------------|------------------|------------------|------------------|----------------|-----------------|
|                    | A                   | B               | C                | D                 | E              | F                | G              | H                | I               | J              | K                | L                | M  | N                 | O                 | P                | Q                | R                | S                | T              | U               |
| 2                  | $\frac{3}{8}$       | $2\frac{1}{4}$  | $\frac{13}{16}$  | $1\frac{7}{32}$   | $\frac{1}{16}$ | $\frac{9}{32}$   | $\frac{1}{4}$  | $\frac{7}{16}$   | $\frac{1}{8}$   | $\frac{1}{32}$ | $\frac{35}{64}$  | $\frac{21}{64}$  | 2  | $1\frac{1}{2}$    | $1\frac{5}{8}$    | $3\frac{1}{2}$   | $5\frac{3}{8}$   | $1\frac{1}{8}$   | $\frac{3}{16}$   | $\frac{1}{2}$  | $\frac{23}{64}$ |
| 3                  | $\frac{9}{16}$      | $3\frac{3}{8}$  | $1\frac{7}{32}$  | $2\frac{29}{64}$  | $\frac{3}{32}$ | $\frac{27}{64}$  | $\frac{3}{8}$  | $\frac{21}{32}$  | $\frac{7}{16}$  | $\frac{3}{32}$ | $\frac{13}{64}$  | $\frac{21}{64}$  | 3  | $1\frac{25}{32}$  | $1\frac{31}{32}$  | $1\frac{29}{64}$ | $1\frac{1}{8}$   | $1\frac{1}{16}$  | $\frac{9}{32}$   | $\frac{3}{4}$  | $\frac{17}{64}$ |
| 4                  | $\frac{3}{4}$       | $4\frac{1}{2}$  | $1\frac{5}{8}$   | $3\frac{11}{16}$  | $\frac{1}{8}$  | $\frac{9}{64}$   | $\frac{1}{2}$  | $\frac{7}{8}$    | $\frac{1}{4}$   | $\frac{1}{16}$ | $1\frac{3}{32}$  | $\frac{21}{32}$  | 4  | $2\frac{3}{8}$    | $2\frac{5}{8}$    | $1\frac{15}{16}$ | $1\frac{27}{32}$ | $2\frac{1}{2}$   | $\frac{3}{8}$    | $1$            | $\frac{23}{32}$ |
| 5                  | $\frac{15}{16}$     | $5\frac{5}{8}$  | $2\frac{3}{32}$  | $4\frac{29}{64}$  | $\frac{3}{32}$ | $\frac{45}{64}$  | $\frac{5}{8}$  | $1\frac{3}{32}$  | $\frac{15}{16}$ | $\frac{5}{32}$ | $1\frac{23}{64}$ | $\frac{13}{16}$  | 5  | $2\frac{31}{32}$  | $3\frac{9}{32}$   | $2\frac{27}{32}$ | $2\frac{9}{32}$  | $2\frac{15}{32}$ | $\frac{15}{32}$  | $1\frac{1}{4}$ | $\frac{27}{64}$ |
| 6                  | $1\frac{1}{2}$      | $6\frac{3}{4}$  | $2\frac{7}{16}$  | $5\frac{17}{32}$  | $\frac{3}{16}$ | $\frac{27}{32}$  | $\frac{3}{4}$  | $1\frac{5}{16}$  | $\frac{3}{8}$   | $\frac{3}{32}$ | $1\frac{41}{64}$ | $1\frac{3}{64}$  | 6  | $3\frac{9}{16}$   | $3\frac{15}{16}$  | $2\frac{29}{32}$ | $2\frac{49}{32}$ | $3\frac{3}{8}$   | $\frac{9}{16}$   | $1\frac{1}{2}$ | $1\frac{5}{64}$ |
| 7                  | $1\frac{5}{16}$     | $7\frac{7}{8}$  | $2\frac{27}{32}$ | $6\frac{29}{64}$  | $\frac{7}{32}$ | $\frac{63}{64}$  | $\frac{7}{8}$  | $1\frac{17}{32}$ | $\frac{7}{16}$  | $\frac{6}{64}$ | $1\frac{29}{64}$ | $1\frac{9}{64}$  | 7  | $4\frac{5}{32}$   | $4\frac{19}{32}$  | $3\frac{23}{64}$ | $3\frac{7}{32}$  | $3\frac{15}{16}$ | $\frac{21}{32}$  | $1\frac{3}{4}$ | $1\frac{1}{4}$  |
| 8                  | $1\frac{1}{2}$      | 9               | $3\frac{1}{4}$   | $7\frac{3}{8}$    | $\frac{1}{4}$  | $1\frac{8}{16}$  | 1              | $1\frac{3}{4}$   | $\frac{1}{2}$   | $\frac{8}{16}$ | $2\frac{15}{64}$ | $1\frac{1}{16}$  | 8  | $4\frac{3}{4}$    | $5\frac{1}{4}$    | $3\frac{7}{8}$   | $3\frac{11}{16}$ | $4\frac{1}{2}$   | $\frac{3}{4}$    | 2              | $1\frac{7}{16}$ |
| 12                 | $2\frac{1}{4}$      | $13\frac{1}{2}$ | $4\frac{7}{8}$   | $11\frac{1}{16}$  | $\frac{3}{8}$  | $1\frac{11}{16}$ | $1\frac{1}{2}$ | $2\frac{5}{8}$   | $\frac{3}{4}$   | $\frac{3}{16}$ | $3\frac{9}{32}$  | $1\frac{31}{32}$ | 12 | $7\frac{1}{8}$    | $7\frac{7}{8}$    | $5\frac{13}{16}$ | $5\frac{17}{32}$ | $6\frac{3}{4}$   | $1\frac{1}{8}$   | 3              | $2\frac{9}{32}$ |
| 18                 | $3\frac{3}{8}$      | $20\frac{1}{4}$ | $7\frac{5}{16}$  | $16\frac{19}{32}$ | $\frac{9}{16}$ | $2\frac{17}{32}$ | $2\frac{1}{4}$ | $3\frac{15}{16}$ | $1\frac{8}{16}$ | $\frac{9}{32}$ | $4\frac{15}{64}$ | $2\frac{15}{64}$ | 18 | $10\frac{11}{16}$ | $11\frac{13}{16}$ | $8\frac{23}{32}$ | $8\frac{5}{16}$  | $10\frac{1}{8}$  | $1\frac{11}{16}$ | $4\frac{1}{2}$ | $3\frac{1}{4}$  |

