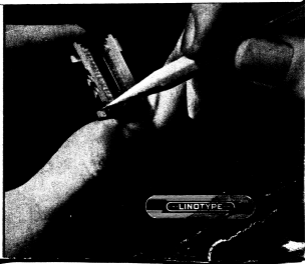


Useful  
**MATRIX**  
Information



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Useful  
**MATRIX**  
Information

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1945

**Mergenthaler Linotype Company**

**Brooklyn 5, New York**

*Linotype Agency addresses shown on back cover*

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## Linotype Serves

THIS SMALL BOOKLET contains a wealth of information concerning Linotype Matrices and their use. Many pertinent facts of a technical nature relating to the everyday problems that arise in Linotype composing rooms are briefly dealt with. As a convenient guide it can be helpful because it brings together many items for ready reference.

The big red SPECIMEN BOOK OF LINOTYPE FACES (and its SUPPLEMENTS) is the most complete typographic compendium in existence and should be consulted whenever a type problem arises. Get acquainted with its pages of reference material—the faces, figures, fractions, accents and special characters of every sort. They answer many difficult problems.

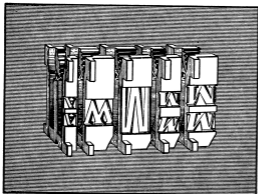
The knowledge and extensive experience of Linotype Production Engineers, backed by agency and headquarters staffs, are always at the service of printers, publishers and designers.

Copyright, 1945, by MERGENTHALER LINOTYPE COMPANY

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Set in Linotype Caledonia; with tabular  
matter (pp. 63-77) set in 6 point No. 17.

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# Useful MATRIX Information



The Mergenthaler Linotype Company normally carries in stock a full supply of matrices to meet the exacting demands of printers throughout the world. Matrices can be supplied for composition in over 800 different languages and dialects. With the great number of different characters to be supplied, the importance of giving careful attention to accuracy of detail in preparing orders will be appreciated.

Every possible facility is provided for the proper selection and ordering of matrices according to the style of face and the characters desired. Orders should be typewritten, preferably, and the name of the face given. One copy should be retained for reference.

## MATRIX ORDER FORMS

Linotype matrix order forms are supplied in any quantity, free upon request. They should always be used in ordering matrices. This enables us to fill orders correctly and promptly.

Order forms can be supplied for regular characters, accents, fractions, logotypes and other special characters, border matrices and matrix slides, as well as for all foreign characters. Always use the correct type of order form. Use one sheet for each face and point size thereof.

It is important for us to know the Linotype model for which the matrices are intended, as well as the particular style of magazine used. This is necessary because various Linotype models differ in so far as milling of matrix lugs and magazine capacities are concerned.

#### FULL NAME OF FACE

The full name of the face should always be entered at the top of each order, thus

- 6 point Excelsior with Italic and Small Caps; or
- 6 point Excelsior with Bold Face No. 2; or
- 6 point Excelsior with Gothic No. 3; or
- 6 Point Excelsior with Memphis Bold

We frequently receive orders, for example, 6 point Excelsior. As shown above, this face is made in various combinations, and in such cases it is difficult to fill the order correctly without asking for further information.

#### TRIANGLE NUMBERS

The system of marking matrices is shown in the illustrations on page 4. The triangle is the trade-mark of the Mergenthaler Linotype Company. When uncertain of the correct name of face, matrices may be ordered according to the numerical marking on the side. The triangle number should always be entered on the matrix order form. Always copy the marking exactly, as, for instance, 10  $\Delta$  386. Do not choose a matrix at random or take one from a pi tray to obtain the triangle marking. Select a lower case n from the face for which matrices are wanted; if figures are ordered select a figure 5. The reason for this is that reference characters, quads, leaders, special characters and fractions in some fonts bear markings different from the alphabet character.

#### ACCENTED CHARACTERS

The standard accents shown on page 14 will be supplied with any standard face at the regular sorts price. Characters not shown can be made to order at a special price which will be quoted on request.

There are two ways to accommodate accents on Linotype matrices—low cap accents and high cap accents. It is the usual practice to supply the low cap form of accented character so as to avoid the use of a special mold. The character is slightly reduced so that the diacritical mark and the character will not exceed the normal height of the cap character.

When low cap accents are considered undesirable, we can supply high cap accents. The extra space required by this style of accent on a cap character of full height makes it necessary to change the aligning point of the mold so that the accent will cast flush on the smooth edge of the slug without trimming off. This makes it necessary to cast a given size on a body two points larger than standard up to 14 point and approximately 4 points larger than standard on display faces. The high cap accent mold can be

used on regular composition with or without accents and the extra space above mentioned will appear on the smooth edge instead of the ribbed edge of the slug.

In Lining Gothic faces, accents which descend below the line of the character in any body size cannot be made unless the face is cast on a larger body than is laid out for the individual point sizes.

In the a, b, c and d sizes of Lining Gothic faces, accented characters can be made to cast from the regular mold, because there is sufficient head space to bring the character within the limits of the body. High Cap Accents only will be supplied for the largest sizes of 6, 12 and 18 point faces. The use of these will, of course, require a high cap mold.

High cap accents cannot be cast in display faces larger than 32 point, as full 36 point body is required for the cap character and its accent. Where caps only are used, high cap accents can be cast in display faces up to 36 point.

### FRACTIONS

In ordering fractions, always state whether they are to run in the regular channels of the magazine or as sorts. Unless otherwise specified, they will be furnished as sorts.

Also mention whether fractions are required on an em or en body. Unless otherwise ordered, they are all furnished on an em body.

### SUPERIOR AND INFERIOR CHARACTERS

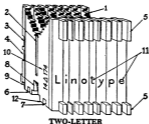
When these characters are ordered, a sample character should accompany the order. This will enable us to fill the order accurately.

### SPECIAL CHARACTERS

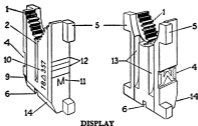
Special characters are frequently ordered from our specimen books. These specimen books contain individual showings of Linotype faces, each bearing different publication dates. Since the advent of our Universal Classification in 1923, all character numbers as shown in the specimen books prior to the Universal Classification lists have been discontinued. Therefore, when ordering a special character by number, the source from which the character number is taken should always be entered on the order under "Remarks."

## KEY TO MATRIX TERMS

In order that the terms and functions of various parts of a matrix may be readily understood, we present the diagrams shown below:



TWO-LETTER



DISPLAY

**1. Teeth.** Projections on the inside of the triangular opening at the top of the matrix. There are seven of these teeth on either side. The teeth which are left in are called the tooth combination. As the matrix travels along the distributor bar, it is supported by corresponding teeth on the bar. At a predetermined point, the teeth on the bar are cut away. The matrix, being no longer supported, drops through the channel entrance and to its proper place in the magazine. A matrix with all the teeth in is called a "pi" matrix, and passes all the combinations on the distributor bar, falling down the pi chute to the pi stacker.

**2. Bar Point Slot.** This is a slot projecting downward toward the bottom of the matrix. The object is to make all matrices of the same thickness at this one point. The slot registers with the projecting blade on the distributor box bar to prevent the lifting of two matrices at one time into the distributing screws.

**3. Regular Position.** This denotes the character in the regular or normal position of a two-letter matrix. Matrices from 4 to 24

point can be supplied with two characters. Above 24 point only one character can be used.

**4. Auxiliary Position.** This denotes the character in the auxiliary or raised position. Characters on one-letter display matrices, 16 to 60 point, are also in the auxiliary position.

**5. Lugs.** These are sometimes called "ears." They are made to a certain thickness according to the magazine channel in which the matrix is to run. The lugs are the guiding points of the matrix throughout its travel. The lower lug (on the character side) determines the horizontal alignment of the character in the matrix, for this lug banks against the aligning groove in the mold body.

**6. Font Slot.** This is a small slot in the bottom of the matrix for use on single distributor machines. In conjunction with the automatic font distinguisher, it prevents wrong fonts from entering the magazine.

**7. Bridge Notch.** A slightly larger opening than the font slot. It is used in conjunction with the matrix bridge on multiple distributor Linotypes to permit the matrix to distribute to its proper magazine.

**8. Bevel Notch.** A notch cut in matrices for Models such as 9, 16 and 17, and used to prevent two matrices from being lifted at one time into the distributor screws.

**9. Clearance Cut.** This is a feature of Linotype matrices. It protects the side walls of matrices as they are assembled.

**10. Triangle Number.** The triangle is the trade-mark of the Mergenthaler Linotype Company. The number before the triangle indicates the point size of the matrix. The number after the triangle indicates the name of the matrix face. The entire marking should always be given when ordering matrices.

**11. Reference Marking.** These are characters punched in the reference side of the matrix to enable the operator to read the line of matrices as they are assembled.

**12. Face Lines.** These are lines cut in the bottom of two-letter matrices (and on the reference side of display matrices) to identify the font. When matrices of a two-letter font are stacked in a sorts tray, the various lines match up and tell at a glance whether a wrong font matrix is present. With display faces, wrong font matrices can be detected in the sorts tray or the assembling elevator, since the face lines are on the reference side of the matrix.

**13. Lightening Grooves.** As the name implies, these grooves are cut in large matrices to lighten them. On extra large matrices a lightening hole is used instead of a slot.

**14. Bevel Cut.** An angle cut used on larger matrices to permit proper distribution.

## LEADERS

To enable you to accurately identify your leaders and thus give us the needed data to interpret your orders, the following information will prove useful.

### Characteristics

**REGULAR:** Punched to cast type high. Weight varies with face and point size.

**UNIVERSAL:** Punched shallow to minimize make-ready time. Weight of dot or stroke exactly the same in all faces and point sizes, 4 to 14 point, to keep appearance of composition uniform. Not suitable for newspaper composition as the soft press blankets of newspaper presses will cause the small dot or stroke to punch through the paper.

**NEWSPAPER:** These are "Regular" leaders punched shallow to guard against their punching through newsprint and damaging press blankets.

**RADIAL:** These dot leaders, in addition to being punched shallow, have a radial or rounded printing surface as a further safeguard against fracturing the fibre of newsprint. Weight of dot the same in all faces and point sizes, 5 to 14 point.

**DASH:** These hairline dashes are punched to cast type high. In presenting an uninterrupted printing surface to the paper they avoid all tendency to punch through.

### Ordering

#### 1. WHAT SIZE AND FACE?

Give the point size and  $\Delta$  number of the face with which the leaders are to be used.

#### 2. WHAT KIND?

There are five different kinds—avoid mixing them in a font. Check the one kind you desire. See identification markings below.

#### 3. WHAT STYLE?

Dots or strokes? How many to the em? If 4 or 6, be careful whether they are **dots** or **strokes**. Note below that styles available vary with the different kinds of leaders, except in the cases of Radial and Dash Leaders. En styles carry half the number of dots or strokes of their respective em styles.

KIND	MARKING	STYLES AVAILABLE
Regular	(no Special)	2, 4 or 6 dots or strokes to em
Universal	UL	2, 4 or 6 dots or 2 or 4 strokes to em
Newspaper	NP	2 dots or strokes to em
Radial	S5	2 dots to em
Dash	DL	1 dash (joining) to en or em

The table shown below is a duplicate of that shown on the "Linotype Matrix Order." It illustrates the correct method of ordering leaders and spaces.

LEADERS			
Kind (Check One)	Style (Check One)	Quantity (Fill in)	
..... Regular	..... 2 Dots (..) to Em	Leader in regular position, Space in auxiliary position: ..... En Leaders	
..... Universal (UL)	..... 4 Dots (....) to Em	..... Em Leaders	
..... Newspaper (NP)	..... 6 Dots (.....) to Em	..... Em Leaders in ffl	
..... Radial (RS)	..... 2 Strokes (..) to Em	Space in regular position, Leader in auxiliary position: ..... En Spaces	
..... *Dash (DL)	..... 4 Strokes (....) to Em	..... Em Spaces	
..... *On en or em size of face. For Leader Dash on true pica-em size, order below.	..... 6 Strokes (.....) to Em	..... Em Spaces in ffl	
DASHES		SPACES	
Regular Alignment	Leader Alignment (On true pica-em size)	Hair	Blank
..... En (-)	..... 2 Pts. (.0277)	..... ½ Pt.	..... Thin
..... Em (—)	..... 3 Pts. (.0416)	..... 1 Pt.	..... En
..... * ¾ Em	..... 6 Pts. (.0833)	..... 1 ½ Pt.	..... Em
..... *Non-Joining	..... 12 Pts. (.1666)		

### FIGURES

**Figure Design.** It is important to note the design of the two styles of figures available with old style faces: *old style*, and *modernized*.

The style desired should always be specified on supply orders and machine specifications.

#### Old Style Figures

1 2 3 4 5 6 7 8 9 0

*Old Style* figures have ascenders and descenders, and have the modeled serifs and tapering thick and thin strokes characteristic of old style type faces.

#### Modernized Figures

1 2 3 4 5 6 7 8 9 0

*Modernized* figures are old style figures brought to a common alignment, with the shapes of the 1, 2 and 0 changed accordingly.

**Figure sizes.** It is our practice to make figures, spaces, and all table characters in new faces on a true-set basis, with the pica em of .166 as the standard unit.

The width of the largest figures which run in the various magazines, is as follows:

<i>Main Magazines</i>	<i>Largest Figure</i>
90-channel, regular channels.....	.1107
90-channel, ad. fig. channels.....	.166
72-channel .....	.2075
Wide 90-channel reg. and ad. fig. channels.....	.1937
Wide 72-channel .....	.249
<i>Auxiliary Magazines</i>	<i>Largest Figure</i>
28-channel .....	.218
34-channel, left side.....	.249
34-channel, right side.....	.221
Wide 34-channel, left side.....	.315
Wide 34-channel, right side.....	.311

In some display faces (for 90-channel magazine) it is necessary to make the figures on a wider set, running from .1245 to .149. Figures in these fonts will have to be cut to run "pi" or in the Advertising Figure Layout (Diagram No. 32). When such faces are ordered, do not fail to indicate plainly whether figures are to run "pi" or according to Advertising Figure Layout.

Please note that it is possible to run only two sets of advertising figures in both the 34-channel and wide auxiliary magazines, including points, dollar and cent marks, although at first glance it might appear that three sets of figures could be made to run. In order to make two sets run it was necessary to select channels having the widest range, and on account of their arrangement a third set cannot be provided for.

#### SPACES

**Em Spaces.** Double figure spaces are furnished as em spaces, except in certain wide 14-point faces in which the em space would be too wide to run in the channels. If the double figure space is too wide to run in the em space channel, a channel of em spaces will be supplied for em space channel.

The largest space supplied as standard in any display font is size .249, or 18 points. We have discontinued furnishing of spaces size .333 as standard for channel No. 30 of the 72-channel magazine and include in its place the .249 size. Further, as standard for fonts running in the auxiliary magazine, the maximum size of the spaces is .249, regardless of the figure size of the face the spaces are intended to work with. Spaces larger than size .249 will be supplied only upon request.

**Thin Spaces.** Regular thin spaces measure .025, .0277, .031, .035, .0385, .0415 and .0484.

**Hair Spaces.** Hair spaces do not have combination teeth and are inserted in the line by hand. Made in thickness of .0035, .007, .008, .010, .012, .014, .015, .016, .018, .020, .021, and .022. Hair spaces are not included in standard font schemes and must be ordered separately.

## 18- AND 24-POINT TWO-LETTER MATRICES

With these matrices, the character in the normal or regular position is punched in the same position on the matrix as the roman character in regular two-letter matrices, 4 to 14 point, inclusive. The position of the auxiliary character is on the standard 45-point constant line.

The character in the auxiliary position of 18- and 24-point two-letter matrices can only be cast on a two-letter display mold. The character in the regular position is cast on a two-letter display mold but may also be cast overhanging on a regular advertising figure mold. The characters in the regular position of 18-point two-letter matrices can, in addition, be cast on a regular 18-point recessed mold.

The characters in the regular position of 18- or 24-point two-letter display faces can be used for two-line Advertising Figure work, the same as regular one-letter advertising figures punched in the regular position. A regular advertising figure mold is used. Characters in the auxiliary position can be cast on the special two-letter display mold with the auxiliary position characters of 4- to 14-point two-letter faces, for one-line food store work. The alignment of 4- to 14-point characters with the two-letter display characters varies according to point size of 4- to 14-point face.

When using 18- and 24-point two-letter matrices, it is sometimes necessary to use the same figure in both positions. We will supply, on request, any standard 18- and 24-point figures punched duplicate character for use on the 18- and 24-point two-letter display mold.

### POINT SYSTEM

Sizes of Type		Standards of Measurement for Figures, Spaces and other Matrix Table Characters			
Excelsior .....	3 point	1.....	.01383	18.....	.249
Brilliant .....	4 point	2.....	.0277	20.....	.2766
Diamond .....	4½ point	3.....	.0415	22.....	.3044
Pearl .....	5 point	4.....	.0553	24.....	.332
Agate .....	5½ point	4½.....	.0622	26.....	.3596
Nonpareil .....	6 point	5.....	.0692	28.....	.3874
Minion .....	7 point	5½.....	.0761	30.....	.415
Brevier .....	8 point	6.....	.083	32.....	.4428
Bourgeois .....	9 point	7.....	.0968	34.....	.4703
Long Primer .....	10 point	8.....	.1107	36.....	.498
Small Pica .....	11 point	9.....	.1245	40.....	.5532
Pica .....	12 point	10.....	.1383	42.....	.581
English .....	14 point	11.....	.1522	48.....	.664
<b>Thickness of Leads and Slugs</b>		12.....	.166	54.....	.747
12 to Pica .01383	6 to Pica .0277	13.....	.1798	60.....	.830
10 to Pica .0166	4 to Pica .0415	14.....	.1937	66.....	.913
8 to Pica .0207	2 to Pica .083	15.....	.2075	72.....	.996
		16.....	.2214		

**Point System.** Prior to about 1886, each typesetter was a law unto himself in the matter of type standards. Brevier, for example, made by one foundry would not justify with brevier from another foundry. The pica "em" in use up to that time had been obtained by dividing an inch into six parts, equaling, decimally, .166". When the present point system of the American Type Founders' Association was decided upon in 1886, the fraction was

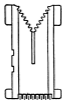
eliminated and a standard "pica" em adopted, measuring .166". This standard of measurement is used by the Mergenthaler Linotype Company, and one-twelfth of the pica, .166, equals one point, .01383. One-quarter of a point is the unit used in the manufacture of our matrices on the point-set system.

**Didot System.** The Didot point measures .01483 of an inch. The Didot unit is the Cicero, which equals 12 corps, or .178 of an inch. The American (Linotype) unit is the pica em, measuring 12 point, or .166 of an inch. The Didot system of measurement is used in France and in most of the countries of continental Europe, and is commonly known as the French system.

**Mediaan System.** The Mediaan point measures .01374 of an inch, and the Mediaan em or Cicero .1649 of an inch. This point system is used in Belgium. Mediaan height to paper is .934.

### BRIDGE NOTCHING FOR MODELS HAVING A FIXED BRIDGE

On the above models, the upper distributor box is fitted with a fixed bridge which can be changed when necessary. The matrix is lifted with the distributor screws and rides on the distributor box rails to the bridge. If the matrix is notched to correspond to the bridge projections, it will drop



over the bridge projections so that the matrix teeth will not engage the distributor bar teeth. Then, after crossing the bridge, it falls through a chute to the lower distributor box which feeds the upper magazine.

If the matrix is supported by any bridge projections, it will maintain its alignment with the teeth of the upper distributor bar and be carried to the lower magazine. Thus any font whose bridge notches do not match the bridge projections, also any unnotched matrices, will run in the lower magazine.

The standard bridge-cutting of matrices, unless otherwise specifically ordered, consists of three notches, comprising any three between Nos. 2 and 7 inclusive with the exception of one carrying notches 5-6-7, which is not desirable. This cutting refers to the upper magazine only. Matrices for the lower main and lower auxiliary magazines will be unnotched unless otherwise ordered. Matrices for the upper auxiliary magazine will be cut with notches 2 to 7, inclusive, in order to drop on any bridge in use.

### MATRIX BRIDGES

Point Size of Matrix 5½, 9, 18 and 36		Point Size of Matrix 6, 6½, 7, 10½, 11½, 12, 14, 21, 24 and 28		Point Size of Matrix 6½, 8, 10, 16, 20, 30 and 32	
Bridge No.	Bridge Notches	Bridge No.	Bridge Notches	Bridge No.	Bridge Notches
351	2-3-5	352	2-3-6	354	2-3-7
358	2-5-7	353	3-4-6	355	2-4-7
361	3-5-7	357	3-6-7	356	3-4-7
363	2-4-5	359	2-6-7	357	3-6-7
364	3-5-6	360	4-6-7	358	2-5-7
365	4-5-6	364	3-5-6	359	2-6-7
366	2-5-6	365	4-5-6	360	4-6-7
369	4-5-7	366	2-5-6	361	3-5-7
370	3-4-5	368	2-4-6	369	4-5-7
			5, 11, 22 and 34		
			*362		2-3-4

\* In addition to bridge No. 362, any of the bridges specified for the various point sizes can be used, except those having a No. 7 notch.

### BRIDGE NOTCHING FOR MODELS HAVING A MOVABLE BRIDGE

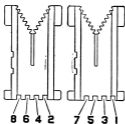
The separation of matrices in such Models is controlled by a single bridge projection which is positioned by an indicator dial. Since only two adjacent magazines can be in operating position at one time, it is merely necessary to position the single bridge projection to correspond to a notch in the matrices in the upper position, which does not appear in the matrices in the lower position. The matrices from the upper magazine will then drop on the bridge and pass to the upper magazine while the matrices from the lower magazine will ride across the bridge and pass to the lower magazine.

The location and size of the bridge notches for matrices to run in these models, is the same as for those used on Models having the fixed bridge. Only one notch is used for separation.

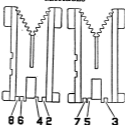
### BRIDGE NOTCH AND FONT SLOT LOCATIONS

The facsimile diagrams shown (page 12) may be used as gauges to identify the bridge notch or font slot in matrices which are to run in the Models 25, 26, 29, 30, 35 and 36. Please note that bridge notches 1 and 8 are only shown on Model 25 and 26 matrices to take care of outstanding matrices with such notches. The standard bridge notching for Models 25, 26, 29, 30, 35 and 36 comprise notches between 2 and 7 inclusive.

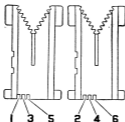
**BRIDGE NOTCHES**  
**MODELS 25, 26, 29, 30, 35, 36**  
**MATRICES**



**BRIDGE NOTCHES**  
**MODEL 9**  
**MATRICES**



**FONT SLOTS**  
**SINGLE DISTRIBUTOR**  
**MATRICES**



The font slot numbers for various point sizes are as follows:

<i>Font Slot No.</i>	<i>Point Sizes</i>
1 .....	5, 11, 22, 34
2 .....	6½, 10, 13, 20, 26, 30, 60
3 .....	4, 7½, 7¾, 8, 16, 27, 32
4 .....	4¾, 6¾, 7, 11¾, 14, 21, 28, 42
5 .....	6, 10½, 12, 24, 48
6 .....	5½, 9, 18, 36, 54

## MATRIX BRIDGES FOR MODEL 9

Matrices on the Model 9 are separated in the primary distributor for the various magazines by means of small bridges having different combinations of projections.

All matrices used in the Model 9 must have the beveled notch, in addition to the bridge notches for separating fonts for the various magazines.

The various bridge combinations are listed below:

Bridge			Bridge			Bridge		
Old	New	Notches	Old	New	Notches	Old	New	Notches
1	...	1-2-8	17	117	2-3-8	32	107	3-4-6
2	...	1-2-3	18	...	1-2-4	33	...	1-7-8
3	103	2-5-8	19	119	3-4-5	34	101	2-7-8
4	...	1-2-5	20	120	3-5-8	35	115	3-7-8
5	...	1-2-6	21	121	4-5-8	36	116	4-7-8
6	...	1-3-6	22	...	1-3-5	37	...	1-6-7
7	...	1-4-6	23	...	1-4-5	39	105	2-6-7
8	108	2-3-6	24	...	1-5-8	40	106	3-6-7
9	...	1-3-4	25	102	2-3-5	41	113	4-6-7
11	...	1-2-7	26	126	2-4-6	42	127	6-7-8
12	...	1-3-7	27	111	2-4-7	...	104	2-5-6
13	...	1-4-7	28	109	3-4-8	...	123	3-5-6
14	114	2-3-7	29	124	2-4-5	...	123	4-5-6
15	...	1-3-8	30	112	3-4-7	...	125	5-6-7
16	...	1-4-8	31	118	2-4-8	...	...	...

Note:—Every combination selected must include bridge notch corresponding to respective font slot of matrices, as indicated below:

Font Slot	Corresponding Bridge Notch	Font Slot	Corresponding Bridge Notch
5, 11, 22, 34 Point	8	4, 7½, 8, 16, 27, 32 Point	6
6, 6½, 7, 10½, 11½, 12		6½, 10, 13, 20, 30, 60 Point	7
14, 21, 24, 28, 42, 48 Point	5	5½, 9, 18, 36, 54 Point	5

Font Slot cut out by bevel



**TOOTH COMBINATION CHART**  
**90-Channel and Wide 90-Channel Magazine**

Chan. No.	Chan. Size	Char.	Teeth in Combination	Chan. No.	Chan. Size	Char.	Teeth in Combination
0	.050	e l st	2	46	.055	Em Leader	5-6
1	.050	e	1-2	47	.040	Apostrophe	1-5-6
2	.050	t	3	48	.055	Asterisk	2-5-6
3	.060	a	1-3	49	.055	l	1-2-5-6
4	.050	o	2-3	50	.055	2	3-5-6
5	.040	i	1-2-3	51	.055	3	1-3-5-6
6	.060	n	4	52	.055	4	2-3-5-6
7	.050	s	1-4	53	.055	5	1-2-3-5-6
8	.060	h	2-4	54	.055	6	4-5-6
9	.050	r	1-2-4	55	.055	7	1-4-5-6
10	.060	d	3-4	56	.055	8	2-4-5-6
11	.040	l	1-3-4	57	.055	9	1-2-4-5-6
12	.070	u	2-3-4	58	.055	0	3-4-5-6
13	.060	c	1-2-3-4	59	.055	8	1-3-4-5-6
14	.090	m	5	60	.100	Em Leader	2-3-4-5-6
15	.050	f	1-5	61	.090	E	1-2-3-4-5-6
16	.090	w	2-5	62	.080	T	7
17	.060	y	1-2-5	63	.090	A	1-7
18	.060	p	3-5	64	.080	O	2-7
19	.060	v	1-3-5	65	.060	I	1-2-7
20	.060	b	2-3-5	66	.090	N	3-7
21	.060	g	1-2-3-5	67	.070	S	1-3-7
22	.070	k	4-5	68	.100	H	2-3-7
23	.060	q	1-4-5	69	.090	R	1-2-3-7
24	.040	j	2-4-5	70	.090	D	4-7
25	.070	x	1-2-4-5	71	.080	L	1-4-7
26	.050	z	3-4-5	72	.090	U	2-4-7
27	.060	8	1-3-4-5	73	.070	C	1-2-4-7
28	.060	fl	2-3-4-5	74	.100	M	3-4-7
29	.070	8	1-2-3-4-5	75	.080	F	1-3-4-7
30	.090	8	6	76	.110	W	2-3-4-7
31	.090	8	1-6	77	.090	Y	1-2-3-4-7
32	.090	Em Space	2-6	78	.080	P	5-7
33	.040	Comma	1-2-6	79	.090	V	1-5-7
34	.040	Period	3-6	80	.080	B	2-5-7
35	.050	Colon	1-3-6	81	.080	G	1-2-5-7
36	.050	Semicolon	2-3-6	82	.090	K	3-5-7
37	.080	Interrogation	1-2-3-6	83	.080	Q	1-3-5-7
38	.055	Figure Space	4-6	84	.060	J	2-3-5-7
39	.040	(	1-4-6	85	.090	X	1-2-3-5-7
40	.040	Vertical Rule	2-4-6	86	.070	Z	4-5-7
41	.040	Front Quote	1-2-4-6	87	.090	æ or @	1-4-5-7
42	.050	Exclamation	3-4-6	88	.090	æ or @	2-4-5-7
43	.040	Hyphen	1-3-4-6	89	.060	&	1-2-4-5-7
44	.040	Thin Space	2-3-4-6	90	.090	Em Dash	3-4-5-7
45	.040	)	1-2-3-4-6				

**TOOTH COMBINATION CHART**  
**72-Channel and Wide 72-Channel Magazine**

Chan. No.	Chan. Size	Char.	Teeth in Combination	Chan. No.	Chan. Size	Char.	Teeth in Combination
0	.050	e l st	2	10	.060	d	3-4
1	.050	e	1-2	11	.040	l	1-3-4
2	.050	t	3	12	.070	u	2-3-4
3	.060	a	1-3	13	.060	c	1-2-3-4
4	.050	o	2-3	14	.090	m	5
5	.040	i	1-2-3	15	.050	f	1-5
6	.060	n	4	16	.090	w	2-5
7	.050	s	1-4	17	.060	y	1-2-5
8	.060	h	2-4	18	.060	p	3-5
9	.050	r	1-2-4	19	.060	v	1-3-5

## TOOTH COMBINATION CHART

### 72-Channel and Wide 72-Channel Magazine—Continued

Chan. No.	Chan. Size	Char.	Teeth in Combination	Chan. No.	Chan. Size	Char.	Teeth in Combination
20	.060	b	2-3-5	47	.060	I	1-2-7
21	.060	g	1-2-3-5	48	.090	N	3-7
22	.070	k	4-5	49	.070	S	1-3-7
23	.060	q	1-4-5	50	.100	H	2-3-7
24	.040	j	2-4-5	51	.090	R	1-2-3-7
25	.070	x	1-2-4-5	52	.090	D	4-7
26	.050	z	3-4-5	53	.080	L	1-4-7
27	.040	Comma	1-2-6	54	.090	U	2-4-7
28	.040	Period	3-6	55	.070	C	1-2-4-7
29	.050	Semicolon	2-3-6	56	.100	M	3-4-7
30	.090	Em Space	1-3-4-5	57	.080	F	1-3-4-7
31	.055	l	1-2-5-6	58	.110	W	2-3-4-7
32	.055	2	3-5-6	59	.090	Y	1-2-3-4-7
33	.055	3	1-3-5-6	60	.080	P	5-7
34	.055	4	2-3-5-6	61	.090	V	1-5-7
35	.055	5	1-2-3-5-6	62	.080	B	1-2-5-7
36	.055	Figure Space	4-6	63	.080	G	1-2-5-7
37	.055	6	4-5-6	64	.090	K	3-5-7
38	.055	7	1-4-5-6	65	.080	Q	1-3-5-7
39	.055	8	2-4-5-6	66	.060	J	2-3-5-7
40	.055	9	1-2-4-5-6	67	.090	X	1-2-3-5-7
41	.055	0	3-4-5-6	68	.070	Z	4-5-7
42	.040	Thin Space	2-3-4-6	69	.040	Hyphen	1-4-5-7
43	.090	E	1-2-3-4-5-6	70	.040	Thin Space	2-4-5-7
44	.080	T	7	71	.040	Apostrophe	1-2-4-5-7
45	.090	A	1-7	72	.055	\$	3-4-5-7
46	.080	O	2-7				

## TOOTH COMBINATION CHART

### 55-Channel Arrangement of 72-Channel Magazine

Chan. No.	Chan. Size	72-Chan. Char.	55-Chan. Char.	Teeth in Combination
0	.050	e 1st	a	2
1	.050	e		1-2
2	.050	t	O	3
3	.060	a		1-3
4	.050	o	c	2-3
5	.040	i	f	1-2-3
6	.060	n	Figure Space	4
7	.050	s		1-4
8	.060	h	A	2-4
9	.050	r		1-2-4
10	.060	d	o	3-4
11	.040	l	Thin Space	1-3-4
12	.070	u	n	2-3-4
13	.060	c	i	1-2-3-4
14	.090	m	h	5
15	.050	f	d	1-5
16	.090	w		2-5
17	.060	y	B	1-2-5
18	.060	p	N	3-5
19	.060	v		1-3-5
20	.060	b	c	2-3-5
21	.060	g	w	1-2-3-5
22	.070	k		4-5
23	.060	q	b	1-4-5
24	.040	j	y	2-4-5
25	.070	x		1-2-4-5
26	.050	z	g	3-4-5
27	.040	Comma	Comma	1-2-6
28	.040	Period		3-6

## TOOTH COMBINATION CHART

### 55-Channel Arrangement of 72-Channel Magazine—Continued

Chan. No.	Chan. Size	72-Chan. Char.	55-Chan. Char.	Teeth in Combination
29	.050	Semicolon	z	2-3-6
30	.090	Em Space	Y	1-3-4-5
31	.055	1	S	1-2-5-6
32	.055	2	q	3-5-6
33	.055	3	Period	1-3-5-6
34	.055	4	E	2-3-5-6
35	.055	5		1-2-3-5-6
36	.055	Figure Space	C	4-6
37	.055	6	x	4-5-6
38	.055	7	G	1-4-5-6
39	.055	8		2-4-5-6
40	.055	9	T	1-2-4-5-6
41	.055	0		3-4-5-6
42	.040	Thin Space	t	2-3-4-6
43	.090	E	M	1-2-3-4-5-6
44	.080	T		7
45	.090	A	P	1-7
46	.080	O	k	2-7
47	.060	I	r	1-2-7
48	.090	N	H	3-7
49	.070	S		1-3-7
50	.100	H	Q	2-3-7
51	.090	R	s	1-2-3-7
52	.090	D	K	4-7
53	.080	L	Hyphen	1-4-7
54	.090	U	V	2-4-7
55	.070	C	I	1-2-4-7
56	.100	M	m	3-4-7
57	.080	F	i	1-3-4-7
58	.110	W	D	2-3-4-7
59	.090	Y	v	1-2-3-4-7
60	.080	P	F	5-7
61	.090	V	I	1-5-7
62	.080	B	W	2-5-7
63	.080	G		1-2-5-7
64	.090	K	L	3-5-7
65	.080	Q	u	1-3-5-7
66	.060	J	P	2-3-5-7
67	.090	X		1-2-3-5-7
68	.070	Z	R	4-5-7
69	.040	Hyphen	i	1-4-5-7
70	.040	Thin Space		2-4-5-7
71	.040	Apostrophe	U	1-2-4-5-7
72	.055	§		3-4-5-7

## TOOTH COMBINATION CHART

### Commercial Fractions

#### 90-Channel Magazine, Diagram No. 2 or 11

When commercial fractions are run in the magazine they usually displace other characters, as follows:

Char.	Chan.	Chan. Size	Teeth in Combination	Char.	Chan.	Chan. Size	Teeth in Combination
$\frac{1}{8}$	#	.090	8	$\frac{1}{8}$	Z	.070	4-5-7
$\frac{1}{4}$	#	.090	1-8	$\frac{3}{4}$	Tb	.090	2-4-5-7
$\frac{3}{4}$	Interrogation	.060	1-2-3-6	$\frac{1}{2}$	&	.060	1-2-4-5-7
$\frac{1}{2}$	Asterisk	.055	2-5-6				

## TOOTH COMBINATION CHART

### 25-Channel Auxiliary Magazine

Chan. No.	Chan. Size	Char.	Teeth in Combination	Chan. No.	Chan. Size	Char.	Teeth in Combination
1	.070	A	1-3-4-5-7	15	.070	K	3-4-6-7
2	.070	O	1-2-3-4-5-7	16	.070	Y	2-3-4-6-7
3	.070	H	6-7	17	.070	E	1-3-4-6-7
4	.070	V	1-6-7	18	.070	S	1-2-3-4-6-7
5	.070	B	1-6-7	19	.070	L	5-6-7
6	.070	P	2-6-7	20	.070	Z	1-5-6-7
7	.070	I	1-2-6-7	21	.070	F	2-5-6-7
8	.070	W	3-6-7	22	.070	T	1-2-3-5-6-7
9	.070	C	1-3-6-7	23	.070	M	3-5-6-7
10	.070	Q	2-3-6-7	24	.070	Period	2-3-5-6-7
11	.070	J	1-2-3-6-7	25	.070	G	1-3-5-6-7
12	.070	X	4-6-7	26	.070	U	1-2-3-5-6-7
13	.070	D	1-4-6-7	27	.070	N	4-5-6-7
14	.070	R	2-4-6-7	28	.070	Comma	1-4-5-6-7
			1-2-4-6-7				

### 34-Channel Auxiliary Magazine

Chan. No.	Chan. Size	Char.	Teeth in Combination	Chan. No.	Chan. Size	Char.	Teeth in Combination
1	.055	1	2-3-4-5-7	18	.050	S	1-3-4-6-7
2	.055	2	1-3-4-5-7	19	.060	H	1-2-3-4-6-7
3	.050	3	1-2-3-4-5-7	20	.050	R	5-6-7
4	.040	4	6-7	21	.060	D	1-5-6-7
5	.040	5	1-6-7	22	.040	L	2-5-6-7
6	.050	6	2-6-7	23	.070	U	1-2-5-6-7
7	.055	7	1-2-6-7	24	.060	C	3-5-6-7
8	.055	8	3-6-7	25	.090	M	2-3-5-6-7
9	.055	9	1-3-6-7	26	.050	F	1-3-5-6-7
10	.055	0	2-3-6-7	27	.090	W	1-2-3-5-6-7
11	.055	Em Sp.	1-2-3-6-7	28	.060	Y	4-5-6-7
12	.050	E	4-6-7	29	.060	P	1-4-5-6-7
13	.050	T	1-4-6-7	30	.060	V	2-4-5-6-7
14	.060	A	2-4-6-7	31	.060	B	1-2-4-5-6-7
15	.050	O	1-2-4-6-7	32	.060	G	3-4-5-6-7
16	.040	I	3-4-6-7	33	.070	K	2-3-4-5-6-7
17	.060	N	2-3-4-6-7	34	.040	J	1-3-4-5-6-7

\*Also for Wide 34-Channel Auxiliary Magazine with narrow lug channels.

### Wide 34-Channel Auxiliary Magazine

Chan. No.	Chan. Size	Chan. Size	Char.	Teeth in Combination	Chan. No.	Chan. Size	Char.	Teeth in Combination
1	.055	.090	1	2-3-4-5-7	18	.070	S	1-3-4-6-7
2	.055	.090	2	1-3-4-5-7	19	.100	H	1-2-3-4-6-7
3	.050	.090	3	1-2-3-4-5-7	20	.090	R	5-6-7
4	.040	.090	4	6-7	21	.090	D	1-5-6-7
5	.040	.090	5	1-6-7	22	.080	L	2-5-6-7
6	.050	.090	6	2-6-7	23	.090	U	1-2-5-6-7
7	.055	.090	7	1-2-6-7	24	.070	C	3-5-6-7
8	.055	.090	8	3-6-7	25	.100	M	2-3-5-6-7
9	.055	.090	9	1-3-6-7	26	.090	F	1-3-5-6-7
10	.055	.090	0	2-3-6-7	27	.100	W	1-2-3-5-6-7
11	.055	.090	Em Sp.	1-2-3-6-7	28	.090	Y	4-5-6-7
12	.090		E	4-6-7	29	.060	P	1-4-5-6-7
13	.080		T	1-4-6-7	30	.090	V	2-4-5-6-7
14	.090		A	2-4-6-7	31	.080	B	1-2-4-5-6-7
15	.080		O	1-2-4-6-7	32	.080	G	3-4-5-6-7
16	.080		I	3-4-6-7	33	.090	K	2-3-4-5-6-7
17	.090		N	2-3-4-6-7	34	.060	J	1-3-4-5-6-7

\*For Wide 34-Channel Auxiliary Magazine used on Super Display Models and on other models where large display faces are to be used exclusively.

## TOOTH COMBINATION CHART

### Advertising Figures

**90-Channel Magazine**  
Diagram No. 32

Char.	Chan.	Chan. Size	Teeth in Combination
1	#	.060	2-3-4-5
2	##	.090	6
3	###	.090	1-6
4	?	.060	1-2-3-6
5	!	.040	2-4-6
6	*	.055	2-5-6
7	X	.090	1-2-3-5-7
8	Z	.070	4-5-7
9	@	.090	1-4-5-7
0	0	.090	2-4-5-7
1	!	.050	3-4-6
Period	(	.040	1-4-6
Comma	,	.040	1-2-3-4-6
c	&	.060	1-2-4-5-7

**34-Channel Auxiliary Magazine**  
Diagram No. 51A (Two Sets of Figures)

Char.	Chan.	*Chan. Size	Teeth in Combination
1	1	.055	2-3-4-5-7
2	2	.055	1-3-4-5-7
3	3	.050	1-2-3-4-5-7
4	4	.040	6-7
5	5	.040	1-6-7
6	6	.050	2-6-7
7	7	.055	1-2-6-7
8	8	.055	3-6-7
9	9	.055	1-3-6-7
0	0	.055	2-3-6-7
Period	E	.050	4-6-7
Comma	T	.050	1-4-6-7
\$	A	.060	2-4-6-7
¢	O	.050	1-2-4-6-7
1	C	.060	3-5-6-7
2	M	.090	2-3-5-6-7
3	F	.050	1-3-5-6-7
4	W	.090	1-2-3-5-6-7
5	Y	.060	4-5-6-7
6	P	.060	1-4-5-6-7
7	V	.060	2-4-5-6-7
8	B	.060	1-2-4-5-6-7

**34-Channel Auxiliary Magazine**

Char.	Chan.	Chan. Size	Teeth in Combination
9	G	.060	3-4-5-6-7
0	K	.070	2-3-4-5-6-7
Period	R	.050	5-6-7
Comma	D	.060	1-5-6-7
\$	L	.040	2-5-6-7
¢	U	.070	1-2-5-6-7

\*Also for Wide 34-Channel Auxiliary Magazine with narrow lug channels.

**28-Channel Auxiliary Magazine**  
Diagram No. 96 (Two Sets of Figures)

Char.	Chan.	Chan. Size	Teeth in Combination
1	A	.070	1-3-4-5-7
2	B	.070	2-6-7
3	C	.070	2-3-6-7
4	D	.070	2-4-6-7
5	E	.070	1-3-4-6-7
6	F	.070	2-5-6-7
7	G	.070	1-3-5-6-7
8	H	.070	6-7
9	I	.070	3-6-7
0	J	.070	4-6-7
Period	K	.070	3-4-6-7
Comma	L	.070	5-6-7
\$	M	.070	3-5-6-7
¢	N	.070	4-5-6-7
1	O	.070	1-2-3-4-5-7
2	P	.070	1-2-6-7
3	Q	.070	1-2-3-6-7
4	R	.070	1-2-4-6-7
5	S	.070	1-2-3-4-6-7
6	T	.070	1-2-5-6-7
7	U	.070	1-2-3-5-6-7
8	V	.070	1-6-7
9	W	.070	1-3-6-7
0	X	.070	1-4-6-7
Period	Y	.070	2-3-4-6-7
Comma	Z	.070	1-5-6-7
\$	Period	.070	2-3-5-6-7
¢	Com'a	.070	1-4-5-6-7

**34-Channel Wide Auxiliary Magazine**  
Diagram No. 51A (Two Sets of Figures)

Char.	Chan.	Chan. Size	Chan. Size	Teeth in Combination	Char.	Chan.	Chan. Size	Teeth in Combination
1	1	.055	.090	2-3-4-5-7	1	C	.070	3-5-6-7
2	2	.055	.090	1-3-4-5-7	2	M	.100	2-3-5-6-7
3	3	.050	.090	1-2-3-4-5-7	3	F	.080	1-3-5-6-7
4	4	.040	.090	6-7	4	W	.100	1-2-3-5-6-7
5	5	.040	.090	1-6-7	5	Y	.090	4-5-6-7
6	6	.050	.090	2-6-7	6	P	.080	1-4-5-6-7
7	7	.055	.090	1-2-6-7	7	V	.090	2-4-5-6-7
8	8	.055	.090	3-6-7	8	B	.080	1-2-4-5-6-7
9	9	.055	.090	1-3-6-7	9	G	.080	3-4-5-6-7
0	0	.055	.090	2-3-6-7	0	K	.090	2-3-4-5-6-7
Period	E	.090		4-6-7	Period	R	.090	5-6-7
Comma	T	.080		1-4-6-7	Comma	D	.090	1-5-6-7
\$	A	.090		2-4-6-7	\$	L	.080	2-5-6-7
¢	O	.080		1-2-4-6-7	¢	U	.090	1-2-5-6-7

!For Wide 34-Channel Auxiliary Magazine used on Super Display Models and on other models where large display faces are to be used exclusively.

*Useful Matrix Information*

## FACE IDENTIFICATION NUMBERS

Matrices are marked on the sides for the purpose of easy identification as follows: 6△8, 8△12, etc. The triangle is a trademark and has nothing whatever to do with the identification of the font and face. The figure on the left of the triangle indicates the point size and the figure on the right indicates the name of the face and not its number. Thus, for instance, 10△8 does not mean 10 point No. 8, but 10 point Caslon with Italic and Small Caps; 8△12 does not mean 8 point No. 12, but 8 point Cheltenham with Italic and Small Caps. These reference marks will be found convenient for ordering sorts for fonts already in use. If in doubt when ordering sorts, send a sample, lower-case "n," with order.

To conserve space certain abbreviations have been used in the following list. The abbreviations and equivalent full name are as follows:

Ad.—Advertising	Figs.—Figures
Adv.—Advertising	It.—Italic
Aux.—Auxiliary	Lin.—Lining
Bd.—Bold	Logos.—Logotypes
Bk.—Book	Lt.—Light
Blk.—Black	O. S.—Old Style
B. F.—Bold Face	Outl.—Outline
Cd.—Condensed	Pos.—Position
Cond.—Condensed	S. C.—Small Caps
D. C.—Duplicate Character	St.—Store
Ex.—Extra	Tele.—Teletype
Exp.—Expanded	V. S.—Vertical Slug
Fd.—Food	w.—with

### ONE-LETTER

5½-Point	8-Point
5½△1 Borders	8△1 Borders
5½△17 B. F. No. 1, Depressed	8△21 Porson Greek, 7-pt. align.
6-Point	8-Point
6△1 Borders	8△39 Gothic Cond. No. 2
6△43 Creek No. 1 (Part Font)	8△69 Gothic Cond. No. 1
6△45 Bold Face No. 3, Figs.	8△71 Hebrew
6△49 No. 2 Vert. Slug	8△87 Porson Greek
6△53 Gothic Cond. No. 2	8△101 Russian Church
6△57 B. F. No. 1, Figs.	8△105 B. F. No. 6, Figs.
6△59 Gothic No. 3, Figs.	8△133 B. F. No. 9, Figs.
6△123 Gothic Cond. No. 2	8△151 Lino Text
(V. S.) Caps	8△157 Gothic No. 41, Figs.
6△125 Gothic No. 16, Figs.	8△159 Gothic No. 16, Figs.
6△129 Bell Gothic Bold	8△161 Hebrew, 7-pt. align.
6△131 Market Gothic	(Special for English)
	8△165 Gothic 12 (7-pt. sl.), Caps
7-Point	9-Point
7△27 B. F. No. 3, Figs.	9△23 Borders
7△31 B. F. No. 1, Figs.	9△29 Hebrew No. 2
7△43 Gothic Cond. No. 1, Figs.	9△31 Modern Hebrew
7△51 Borders	9△45 Porson Greek
7△61 Gothic 13 (6-pt. sl.), Caps	9△47 Worsell Uncial Greek and Coptic
7△63 Gothic 12 (6-pt. sl.), Caps	9△49 Worsell Uncial



Face Identification Numbers—(Cont.)

TWO-LETTER

**5½-Point—(Cont.)**

5½038	Spec. Gothic 9, Figs., D.C.
5½042	Ionic No. 5 w. B. F. No. 2
5½044	Ionic No. 5 w. It. & S. C.
5½048	Excelsior w. B. F. No. 2
5½050	Excelsior w. It. & S. C.
5½052	Tele. Ionic 5 w. B. F. 2
5½054	Excelsior w. Gothic No. 3
5½060	Opticon w. B. F. No. 2
5½062	Tele. Excelsior w. B. F. 2
5½064	Ionic No. 5 w. Gothic 16
5½066	Paragon w. Paragon Bd.
5½068	Borders

**6-Point**

602	No. 1 w. It. & S. C.
604	No. 2 w. It. & S. C.
606	No. 2 w. Gothic No. 3
608	O. S. No. 1 w. It. & S. C.
6012	No. 1 w. B. F. No. 2
6014	O. S. No. 1 w. Ant. No. 1
6016	Ronaldson w. It. & S. C.
6024	De Vinne w. It. & S. C.
6028	De Vinne w. It. & S. C.
6032	No. 12 w. Ant. No. 3
6034	No. 28 w. Gothic No. 8
6042	Century Exp. w. It. & S. C.
6048	No. 1 w. Clarendon 1, Figs.
6050	No. 2 w. Ant. No. 2
6056	No. 2 w. Gothic No. 6 (Vertical Slug)
6058	Russian No. 8 w. It.
6062	No. 16 w. It. & S. C.
6070	No. 2 w. B. F. No. 1
6074	No. 28 w. Ant. Blk. No. 1
6078	No. 10 w. Gothic No. 4
6082	No. 2 w. Goth. Cd. 2, Figs.
6086	Orig. O. S. w. It. & S. C.
6088	No. 21 w. Ant. No. 6, Figs.
6090	O. S. No. 1 w. Title No. 1
6094	Cent. Exp. w. Cent. Bd.
6096	Scotch w. It. & S. C.
6098	Ant. No. 1 w. It.
60100	No. 1 w. Goth. No. 8, Figs.
60102	O. S. No. 3 w. It. & S. C.
60110	No. 16 w. Century Bd.
60116	Spec. Gothic 9 Figs., D. C.
60120	No. 11 w. Goth. Cd. No. 4
60122	No. 8 w. B. F. No. 2
60124	O. S. No. 1 w. Chelt. Bd.
60132	No. 17 w. Cond. Title 5
60150	No. 21 w. It. & S. C.
60154	No. 2 D. C. Vert. Slug
60156	Bodoni Bd. w. It.
60158	Bodoni w. It. & S. C.
60160	Caslon No. 3 w. It. & S. C.
60162	Cheltenham Bold w. It.
60164	Goth. 25A w. 6-pt. Goth. Cond. 2, Caps & Figs.
60166	Goth. 25B w. 8-pt. Goth. Cond. 2, Caps & Figs.
60168	Goth. 25C w. 6-pt. Goth. No. 26C, Caps & Figs.
60170	Goth. 25 w. 6-pt. Goth. No. 26, Caps & Figs.
60172	Century Exp. w. Chelt. Bd.
60174	Greek No. 3
60178	No. 11B w. Gothic Cd. 4B
60180	Chelt. Wide w. Chelt. Bd.
60184	Borders

**6-Point—(Cont.)**

60186	No. 2 w. B. F. No. 2
60192	Bodoni Book w. It. & S. C.
60194	O. S. No. 7 w. It. & S. C.
60202	Caslon No. 2 w. It. & S. C.
60204	Gothic No. 29 w. Gothic No. 30, Caps & Figs.
60206	Gothic No. 29C w. Gothic No. 30C, Caps & Figs.
60208	Gothic No. 29B w. Gothic No. 30B, Caps & Figs.
60210	Gothic No. 29A w. Gothic No. 30A, Caps & Figs.
60212	B. F. No. 9 w. Gothic No. 31, Caps & Figs.
60214	B. F. No. 9C w. Gothic No. 31C, Caps & Figs.
60216	B. F. No. 9B w. Gothic No. 31B, Caps & Figs.
60218	B. F. No. 9A w. Gothic No. 31A, Caps & Figs.
60224	Caslon O. F. w. It. & S. C.
60232	Chelt. Bd. Cond. w. It.
60236	Gothic No. 32 w. Gothic No. 33, Caps & Figs.
60238	Gothic No. 32A w. Gothic No. 33A, Caps & Figs.
60240	Gothic No. 32B w. Gothic No. 33B, Caps & Figs.
60242	Gothic No. 32C w. Gothic No. 33C, Caps & Figs.
60248	Gothic No. 31 w. Gothic No. 33, Caps & Figs.
60250	Benedict. Bk. w. It. & S. C.
60252	Gothic No. 31A w. Gothic No. 33A, Caps & Figs.
60254	Gothic No. 31B w. Gothic No. 33B, Caps & Figs.
60256	Gothic No. 31 w. Gothic No. 32, Caps & Figs.
60258	Gothic No. 31A w. Gothic No. 32A, Caps & Figs.
60260	Gothic No. 31B w. Gothic No. 32B, Caps & Figs.
60262	Gothic No. 31C w. Gothic No. 32C, Caps & Figs.
60268	Cloister Bold w. It.
60270	Gothic No. 31C w. Gothic No. 33C, Caps & Figs.
60274	Garamond w. It. & S. C.
60276	Cloister W. w. Cloister Bd.
60280	Cloister w. It. & S. C.
60288	Garamond Bold w. It.
60288	Ionic No. 5 w. B. F. No. 2
60290	Hebrew w. It.
60296	Textype w. B. F. No. 2
60298	Metroblack w. MetroLite
60300	MetroMed w. MetroThin
60302	Ionic No. 5 w. It. & S. C.
60304	Textype w. It. & S. C.
60306	Granjon w. Granjon Bd.
60310	Metroblk. 2 w. MetroLite 2
60312	MetroMed. 2 w. MetroThin No. 2
60314	Excelsior w. B. F. No. 2
60320	Excelsior w. It. & S. C.
60322	Memphis Light and Bold
60324	Tele. Excelsior w. Goth. 3
60328	Memphis Med. w. It. & S. C.
60364	Memphis Bold w. It.

# Face Identification Numbers—(Cont.)

TWO-LETTER		6½-Point
<b>6-Point—(Cont.)</b>		
66366	Excelsior w. Gothic No. 3	6½52 Ionic No. 5 w. B. F. No. 2
66368	Memphis Lt. w. It. & S. C.	6½54 Ionic No. 5 w. It. & S. C.
66372	Granjon w. It. & S. C.	
66374	Tele. Excelsior w. B. F. 2	
66376	Lin. Metrodrom. w. Lin. Metrothin, Caps & Figs.	702 No. 2 w. B. F. No. 1
66378	Lin. Metrodrom. A w. Lin. Metrothin A, Caps & Figs.	704 No. 1 w. It. & S. C.
66380	Lin. Metrodrom. B w. Lin. Metrothin B, Caps & Figs.	706 No. 16 w. It. & S. C.
66382	Lin. Memphis Lt. w. Lin. Memphis Bd., Caps & Figs.	708 Caslon w. It. & S. C.
66384	Lin. Memphis Lt. A w. Lin. Memphis Bd. A, Caps & Figs.	7014 O. S. No. 1 w. It. & S. C.
66386	Lin. Memphis Lt. B w. Lin. Memphis Bd. B, Caps & Figs.	7018 No. 28 w. It. & S. C.
66388	Paragon w. Paragon Bd.	7022 No. 28 w. Ant. Bk. No. 1
66390	Paragon w. It. & S. C.	7028 No. 1 w. Doric No. 1
66392	Metrodrom. No. 2 w. It.	7030 No. 2 w. Gothic No. 3
66394	Bookman w. It. & S. C.	7038 No. 1 w. B. F. No. 1, Figs.
66396	Garamond Bd. No. 3 w. It. & S. C.	7046 No. 2 w. It. & S. C.
66398	Garamond No. 3 w. It. & S. C.	7048 O. S. No. 1 w. Ant. No. 1
66410	Caslon Bd. w. It.	7050 No. 16 w. Century Bd.
66418	Memphis Med. w. Bd.	7052 B. F. No. 3 Figs., D. C.
66420	Bell Gothic, Two-Letter	7058 No. 2 w. Ant. Bk. 1, Figs.
66424	Opticon w. B. F. No. 2	7060 Gothic No. 4 Figs., D. C.
66428	Excelsior w. Memphis Bd.	7062 No. 2 w. Cond. Title No. 3
66432	Teletype Paragon w. Bd.	7066 No. 21 w. It. & S. C.
66434	Metroblack No. 2 w. It.	7074 No. 2 w. Gothic 8, Figs.
66436	Metrolite No. 2 w. It.	7080 Century Exp. w. Bold
66442	Metrolite 2 w. Metrobk. 2	7084 Borders
66444	Gothic Cd. 5, D. C., Figs.	7088 No. 2 w. B. F. No. 2
66446	Greek Metrodrom. T. L.	7088 Century Exp. w. It. & S. C.
66448	Greek Metrolite, T. L.	7090 No. 1 w. B. F. No. 2
66450	Tele. Excelsior w. It. & S. C.	7092 Bodoni w. It. & S. C.
66452	Spartan Medium w. Hvy.	7094 Bodoni Bk. w. It. & S. C.
66454	Spartan Black w. It.	7096 O. S. No. 7 w. It. & S. C.
66456	Caledonia w. Bd.	70102 No. 21 w. Gothic No. 4
66458	Opticon w. Gothic No. 16	70110 Benedict. Bk. w. It. & S. C.
66462	Bank Goth. Lt. w. Med.	70118 No. 12 w. Gothic No. 11
66464	Bank Goth. A Lt. w. Med.	70122 Ionic No. 5 w. B. F. No. 2
66466	Bank Goth. B Lt. w. Med.	70126 Ionic No. 5 w. It. & S. C.
66468	Bank Goth. C Lt. w. Med.	70130 Textype w. B. F. No. 2
66470	Spartan Duplicate	70132 Textype w. It. & S. C.
66472	No. 11 w. Gothic No. 4 (Self-Spacing)	70136 No. 2 Excel. w. B. F. No. 2
66474	Caledonia w. It. & S. C.	70138 No. 1 Excel. w. B. F. No. 2
66476	Fairfield w. It. & S. C., 7-pt. slug	70140 No. 1 Excel. w. It. & S. C.
66478	Textype Bd. w. It.	70142 No. 2 Excel. w. It. & S. C.
66480	Spartan Medium w. It.	70144 Tele. 1 Excel. w. B. F. 2
66482	Bell Gothic w. 7-pt. Gothic No. 12, Caps	70150 Tele. Ionic 5 w. B. F. 2
66484	Spartan Heavy w. It.	70152 No. 21B w. It. & S. C.
66486	Gothic No. 16, D. C. Figs.	70154 Caslon No. 3 w. It. & S. C.
66488	Spartan Lt. w. Med.	70156 No. 1 Excel. w. Gothic 3
		70158 No. 2 Excel. w. Gothic 3
		70160 Tele. 1 Excel. w. Gothic 3
		70162 Paragon w. Paragon Bd.
		70164 Paragon w. It. & S. C.
		70166 Opticon w. B. F. No. 2
		70168 Caslon 137 w. It. & S. C.
		70170 Bookman w. It. & S. C.
		70172 Garam'd Bd. No. 3 w. It. & S. C.
		70174 Garam'd Bd. No. 3 w. It. & S. C.
		70176 Bodoni Bd. w. It.
		70180 Opticon w. It. & S. C.
		70182 Electra w. It. & S. C.
		70184 Baskerville w. It. & S. C.
		70186 Tele. Paragon w. Bold
		70188 Bell Gothic, Two-Letter
		70190 Excelsior w. Memphis Bd.
		70192 Baskerville w. Bd.
		70194 Tele. Ecel. w. It. & S. C.
		70196 Baskerville Bd. w. It.
		70198 Textype Bd. w. Italic
		70200 Bell Goth. w. 8 pt. Goth. 12
		70204 Opticon w. Memphis Bd.
6½52	Ionic No. 5 w. B. F. No. 2	
6½56	Ionic No. 5 w. It. & S. C.	
6½510	Bell Gothic, Two-Letter	

# Face Identification Numbers—(Cont.)

## TWO-LETTER

**7½-Point**  
 7½Δ2 Ionic No. 5 w. B. F. No. 2  
 7½Δ4 Ionic No. 5 w. It. & S. C.  
 7½Δ6 Excelsior w. B. F. No. 2  
 7½Δ8 Excelsior w. It. & S. C.  
 7½Δ10 Opticon w. B. F. No. 2  
 7½Δ12 Teletype Ionic 5 w. B. F. 2  
 7½Δ16 Opticon w. It. & S. C.  
 7½Δ18 Paragon w. Paragon Bd.  
 7½Δ20 Paragon w. It. & S. C.  
 7½Δ22 Tele. Excelsior w. B. F. 2  
 7½Δ24 Excelsior w. Memphis Bd.  
 7½Δ28 Corona w. B. F. No. 2  
 7½Δ30 Corona w. It. & S. C.  
 7½Δ32 Corona w. Gothic  
 7½Δ34 Tele. Corona w. Gothic

**7¾-Point**  
 7¾Δ2 Excelsior w. B. F. No. 2

**8-Point**  
 8Δ2 No. 2 w. It. & S. C., 7-pt. al.  
 8Δ4 No. 2 w. Goth. 6 (V. S.),  
 Figs.  
 8Δ6 No. 2 w. Cond. Title No. 3  
 8Δ8 No. 2 w. B. F. 1, 7-pt. al.  
 8Δ10 No. 1 w. It. & S. C., 7-pt. al.  
 8Δ12 Chelt. w. It. & S. C.  
 8Δ16 De Vinne w. Ant. No. 3,  
 7-pt. align.  
 8Δ18 De Vinne w. It. & S. C.,  
 7-pt. align.  
 8Δ20 German No. 3 w. B. F. 2  
 8Δ24 Caslon w. It. & S. C.  
 8Δ26 Century Exp. w. It. & S. C.  
 8Δ30 O. S. No. 1 w. It. & S. C.  
 8Δ32 Remington Typewriter w.  
 Underscore  
 8Δ36 No. 19 w. It. & S. C.,  
 7-pt. align.  
 8Δ40 No. 19 w. Title 1, 7-pt. al.  
 8Δ42 Scotch w. It. & S. C.,  
 7-pt. align.  
 8Δ48 No. 28 w. It. & S. C.  
 8Δ50 O. S. No. 1 w. Ant. No. 1  
 8Δ52 No. 28 w. Ant. Bk. No. 1  
 8Δ54 No. 16 w. It. & S. C.  
 8Δ58 Russian 11 w. Ant. Bk. 2  
 8Δ60 Cheltenham Bold w. It.  
 8Δ70 No. 2 w. Gothic 3, 7-pt. al.  
 8Δ80 No. 2 w. Ionic 3 (V. S.),  
 Figs.  
 8Δ82 Scotch w. It. & S. C.  
 8Δ88 No. 2, 7-pt. align., w 10-  
 pt. Clarendon No. 1  
 8Δ94 Russian Cond. No. 2 w.  
 Ant. Bk. No. 2  
 8Δ96 Russian Cond. No. 2 w. It.  
 8Δ98 No. 1 w. It. & S. C.  
 8Δ108 Classic w. Century Bd.  
 8Δ110 Russian No. 11 w. It.  
 8Δ114 Antique No. 1 w. It.  
 8Δ116 O. S. No. 3 w. It. & S. C.  
 8Δ118 De Vinne w. It. & S. C.  
 8Δ120 Russian No. 3 Lt. and Bd.  
 8Δ122 Century Exp. w. Bd.  
 8Δ128 No. 16 w. Century Bd.  
 8Δ130 Gothic No. 8 Figs., D. C.  
 8Δ132 No. 1 w. Gothic Cond. 2,  
 Figs., 7-pt. align.  
 8Δ134 O. S. No. 1 w. Title No. 1

**8-Point—(Cont.)**  
 8Δ138 Orig. O. S. w. It. & S. C.  
 8Δ140 No. 21 w. Ant. 6, Figs.  
 8Δ150 Greek No. 3  
 8Δ156 Chelt. Wide w. Chelt. Bd.  
 8Δ164 De Vinne w. Ant. No. 3  
 8Δ166 Chelt. Cd. w. Chelt. Bd.  
 Cond.  
 8Δ176 Chelt. Bd. Cd. w. It.  
 8Δ190 Armenian No. 1 w. No. 2  
 8Δ194 No. 1 w. B. F. No. 2  
 8Δ196 O. S. No. 1 w. Title No. 2  
 8Δ206 Gothic 16 w. Title No. 4  
 8Δ208 Caslon No. 3 w. It. & S. C.  
 8Δ210 No. 2 w. B. F. No. 1, Figs.  
 8Δ212 O. S. No. 7 w. It. & S. C.  
 8Δ214 No. 21 w. It. & S. C.  
 8Δ216 O. S. No. 1 w. Chelt. Bd.  
 8Δ222 Bodoni Bd. w. It.  
 8Δ240 No. 2 w. Gothic 8, Figs.  
 8Δ242 No. 17 w. Cond. Title 5  
 8Δ254 Century Exp. w. Chelt. Bd.  
 8Δ256 No. 2 D. C. (V. S.), Figs.  
 8Δ260 Gothic No. 16 Figs., D. C.  
 8Δ262 Bodoni w. It. & S. C.  
 8Δ280 Bodoni Bk. w. It. & S. C.  
 8Δ282 No. 21 w. Ant. 6, Figs.,  
 7-pt. align.  
 8Δ298 Caslon No. 2 w. It. & S. C.  
 8Δ308 Cent. Bd. w. Cent. Bd. It.  
 8Δ310 Borders  
 8Δ312 Caslon O. F. w. It. & S. C.  
 8Δ314 Ant. Bl. No. 1 Figs., D. C.  
 8Δ318 Gothic 13 w. Chelt. Bd.  
 Cond.  
 8Δ320 Gothic 16 w. Chelt. Bd.  
 8Δ360 Benedict. Bk. w. It. & S. C.  
 8Δ370 Cloister Bd. w. It.  
 8Δ372 Garamond w. It. & S. C.  
 8Δ374 Cloister Wide w. Cloister  
 Bold  
 8Δ378 Cloister w. It. & S. C.  
 8Δ380 Garamond Bd. w. It.  
 8Δ382 Ionic No. 5 w. B. F. No. 2  
 8Δ384 Ionic No. 5 w. It. & S. C.  
 8Δ386 Granjon w. It. & S. C.  
 8Δ392 Falt Ex. Bd. w. It., Figs.  
 8Δ394 Textype w. B. F. No. 2  
 8Δ396 Textype w. It. & S. C.  
 8Δ408 Hebrew w. It.  
 8Δ410 Metroblack w. Metrolitte  
 8Δ412 Poster Bodoni w. It.  
 8Δ414 Metrod. w. Metrothin  
 8Δ416 Scotch No. 2 w. It. & S. C.  
 8Δ418 Granjon w. Granjon Bd.  
 8Δ420 Baskerville w. It. & S. C.  
 8Δ424 No. 1 Excel. w. B. F. 2  
 8Δ426 Metroblk. 2 w. Metrolitte 2  
 8Δ428 Metrod. 2 w. Metrothin  
 No. 2  
 8Δ432 No. 1 Excel. w. It. & S. C.  
 8Δ434 Tariff Typewriter  
 8Δ436 Janson w. It. & S. C.  
 8Δ442 Memphis Light w. Bold  
 8Δ446 Estienne w. It. & S. C.  
 8Δ448 Memphis Bd. w. It.  
 8Δ450 Memphis Lt. w. It. & S. C.  
 8Δ456 Memphis Med. w. It. & S.  
 C.  
 8Δ458 Bengali Light and Bd.  
 8Δ462 Paragon w. Paragon Bd.

## Face Identification Numbers—(Cont.)

### TWO-LETTER

#### 8-Point—(Cont.)

80464	Paragon w. It. & S. C.
80466	Caslon 137 w. It. & S. C.
80468	No. 2 Excel. w. Gothic 3
80470	Bookman w. It. & S. C.
80476	Garam'd Bd. No. 3 w. It. & S. C.
80478	Garam'd 3 w. It. & S. C.
80480	Tele. No. 1 Excel. w. B. F. No. 2
80482	Opticon w. B. F. No. 2
80484	Electra w. It. & S. C.
80488	Memphis Med. w. Bold
80490	Goth. 44 w. Goth. 42, Figs.
80492	Goth. 45 w. Goth. 43, Figs.
80494	Metromed. No. 2 w. It.
80496	Opticon w. It. & S. C.
80502	Excel. w. Memphis Bd.
80504	Earbar Lt. Cd. w. Bd. Cd.
80506	Memphis Ex. Bd. w. It.
80508	Bell Gothic, Two-Letter
80510	Greek Metrolite, T. L.
80512	Metroblack No. 2 w. It.
80516	Metrolite No. 2 w. It.
80518	Tele. Ionic 5 w. B. F. 2
80520	Metrolite 2 w. Metroblk. 2
80528	Spartan Medium w. It.
80530	Spartan Heavy w. It.
80532	Spartan Black w. It.
80534	Caledonia w. It. & S. C.
80538	Fairfield w. It. & S. C.
80540	Textype Bd. w. It.
80542	Greek Metromed., T. L.
80544	Baskerville w. Bold
80546	Spartan Lt. w. Med.
80548	Electra w. Bd.
80550	Opticon w. Memphis Bd.
80552	Spartan Duplicate
80554	Memphis Med. Cd. w. Memphis Ex. Bd. Cd.
80556	Baskerville Bold w. It.
80558	Spartan Medium w. Heavy
80560	Caledonia w. Bold
80562	Memphis Ex. Bd. Cd. w. Gothic No. 13
80564	Memphis Ex. Bd. w. Gothic No. 16
80568	Corona w. B. F. No. 2
80570	Gothic Cond. No. 2 Dup.
80574	Corona w. It. & S. C.
80588	Gothic 41 Figs., D. C.

#### 8½-Point

80564	Memphis Lt. w. Bold
80566	Corona w. It. & S. C.
80568	Corona w. B. F. No. 2

#### 9-Point

902	O. S. No. 1 w. It. & S. C.
904	De Vinne w. It. & S. C.
906	De Vinne w. Ant. No. 3
9010	German No. 3 w. B. F. 2
9012	No. 16 w. It. & S. C.
9018	Caslon w. It. & S. C.
9032	No. 28 w. It. & S. C.
9034	No. 28 w. Ant. Bk. No. 1
9036	Greek No. 2
9038	Greek B. F. No. 1

#### 9-Point—(Cont.)

9042	De Vinne w. 10-pt. Gothic No. 4, 11-pt. align.
9044	No. 1 w. It. & S. C.
9046	Cheltenham w. It. & S. C.
9048	O. S. No. 1 w. Ant. No. 1
9050	Greek Elzevir
9056	No. 16 w. Century Bd.
9058	Century Exp. w. It. & S. C.
9060	No. 21 w. It. & S. C.
9062	O. S. No. 7 w. It. & S. C.
9072	Century Exp. w. Cont. Bd.
9074	B. F. No. 1 Figs., D. C.
9082	Caslon O. F. w. It. & S. C.
9094	Benedict, Bk. w. It. & S. C.
9096	Spartan Heavy w. It.
9098	Spartan Medium w. It.
90102	Garamond w. It. & S. C.
90104	Bodoni Bk. w. It. & S. C.
90106	Spartan Duplicate
90110	Hebrew No. 2 w. It. No. 3
90112	Ionic No. 5 w. B. F. No. 2
90114	Electra w. Bd.
90116	Ionic No. 5 w. It. & S. C.
90118	Textype w. B. F. No. 2
90120	Hebrew w. Hebrew It. No. 3
90122	Textype w. It. & S. C.
90126	Scotch No. 2 w. It. & S. C.
90128	Baskerville w. It. & S. C.
90130	Caslon No. 3 w. It. & S. C.
90132	Antique No. 1 w. It.
90134	Excelsior w. It. & S. C.
90136	Excelsior w. B. F. No. 2
90138	Borders
90140	Memphis Light w. Bold
90142	Granjon w. It. & S. C.
90144	Caslon 137 w. It. & S. C.
90146	Memphis Med. w. It. & S. C.
90148	Memphis Bold w. It.
90150	Bookman w. It. & S. C.
90152	Garam'd 3 w. It. & S. C.
90154	Garam'd Bd. 3 w. It. & S. C.
90156	Paragon w. It. & S. C.
90158	Paragon w. Paragon Bd.
90160	Electra w. It. & S. C.
90162	Opticon w. B. F. No. 2
90164	Tele. Ionic 5 w. B. F. 2
90166	Excelsior w. Memphis Bd.
90168	Caledonia w. It. & S. C.
90174	Fairfield w. It. & S. C.
90176	Granjon w. Granjon Bd.
90178	Textype Bd. w. It.
90180	Janson w. It. & S. C.
90182	Greek Metromed., T. L.
90184	Greek Metrolite, T. L.
90186	Baskerville w. Bd.
90188	Tele. Excelsior w. It.
90190	Tele. Excelsior w. B. F. 2
90192	Bodoni Bd. w. It.
90194	Baskerville Bd. w. It.
90196	Caledonia w. Bd.
90198	Spartan Black w. It.
90200	Spartan Lt. w. Medium
<b>10-Point</b>	
1004	Orig. O. S. w. It. & S. C.
1006	O. S. No. 1 w. It. & S. C.
1008	Caslon w. It. & S. C.

## Face Identification Numbers—(Cont.)

## TWO-LETTER

- 10-Point—(Cont.)**
- 10Δ10 No. 1 w. It. & S. C.  
 10Δ12 De Vinne w. Ant. No. 3  
 10Δ18 Century Exp. w. It. & S. C.  
 10Δ18 Cheltenham w. It. & S. C.  
 10Δ24 De Vinne w. It. & S. C.  
 10Δ36 Scotch w. It. & S. C.  
 10Δ38 German 3 w. B. F. No. 2  
 10Δ44 O. S. No. 1 w. Ant. No. 1  
 10Δ46 Russian O. S. w. Ant. 1  
 10Δ48 No. 16 w. It. & S. C.  
 10Δ54 No. 28 w. It. & S. C.  
 10Δ58 O. S. No. 1 Figs. w. Clarendon No. 1 Figs.  
 10Δ64 De Vinne with Ant. No. 3 (Vert. Slug), Figs.  
 10Δ66 Russian Cond. No. 2  
 10Δ70 Ant. No. 3 w. 12-pt. Goth. Cond. No. 1  
 10Δ76 Greek No. 2  
 10Δ78 Greek B. F. No. 1  
 10Δ80 Russian 11 w. Ant. Blk. 2  
 10Δ82 Cheltenham Bold w. It.  
 10Δ84 Elzevir w. Chelt. Bd.  
 10Δ86 Classic w. Century Bd.  
 10Δ88 Russian No. 11 w. It.  
 10Δ90 Russian Cond. No. 2 w. Ant. Blk. No. 2  
 10Δ92 Ant. No. 1 w. It.  
 10Δ94 B. F. No. 3, D. C., Figs.  
 10Δ98 O. S. No. 3 w. It. & S. C.  
 10Δ102 Goth. 3 w. 11-pt. Goth. Cond. No. 1  
 10Δ106 Greek It. No. 1  
 10Δ108 Russian No. 3 Lt. and Bd.  
 10Δ110 Small Russian 3 Lt. & Bd.  
 10Δ112 Cent. Exp. with Cent. Bd.  
 10Δ114 No. 2 w. Cond. Title No. 3  
 10Δ116 No. 16 w. Cent. Bd.  
 10Δ120 O. S. No. 1 w. Title No. 1  
 10Δ124 No. 21 w. Ant. 6, Figs.  
 10Δ126 Greek No. 3  
 10Δ134 Chelt. Wide w. Chelt. Bd.  
 10Δ142 Chelt. Cd. w. Chelt. Bd. Cond.  
 10Δ146 Armenian No. 1 w. No. 2  
 10Δ148 Cheltenham Bd. Cd. w. It.  
 10Δ152 No. 28 w. Ant. Black No. 1  
 10Δ156 Gothic 18 w. Title No. 4  
 10Δ158 O. S. No. 1 w. Chelt. Bd.  
 10Δ162 No. 2 w. Gothic No. 3  
 10Δ180 Caslon No. 3 w. It. & S. C.  
 10Δ184 O. S. No. 7 w. It. & S. C.  
 10Δ186 No. 21 w. It. & S. C.  
 10Δ196 Bodoni Bd. w. Italic  
 10Δ208 Century Exp. w. Chelt. Bd.  
 10Δ218 Bodoni w. It. & S. C.  
 10Δ224 Gothic No. 16 Figs., D. C.  
 10Δ226 Cent. Exp. w. Cent. Bd. It.  
 10Δ224 Gothic No. 16 Figs., D. C.  
 10Δ250 Bodoni Bk. w. It. & S. C.  
 10Δ260 Caslon No. 2 w. It. & S. C.  
 10Δ268 Cent. Bd. w. Cent. Bd. It.  
 10Δ270 Underwood Typewriter w. Underscore  
 10Δ272 Remington Typewriter w. Underscore  
 10Δ276 De Vinne Outline w. B. F. No. 6  
 10Δ280 Caslon O. F. w. It. & S. C.  
 10Δ282 Ant. Black 1 Figs., D. C.
- 10-Point—(Cont.)**
- 10Δ286 Goth. 13 w. Chelt. Bd. Cd.  
 10Δ288 Gothic 16 w. Chelt. Bd.  
 10Δ292 Benedict. Bk. w. It. & S. C.  
 10Δ302 Cloister Bd. w. It.  
 10Δ304 Garamond w. It. & S. C.  
 10Δ306 Cloister Wide w. Cloister Bold  
 10Δ310 Borders  
 10Δ312 Cloister w. It. & S. C.  
 10Δ314 Garamond Bd. w. It.  
 10Δ318 Granjon w. It. & S. C.  
 10Δ320 Pabst Ex. Bd. w. It.  
 10Δ322 Textype w. B. F. No. 2  
 10Δ324 Textype w. It. & S. C.  
 10Δ326 Poster Bodoni w. It.  
 10Δ360 Vulcan Bd. w. It.  
 10Δ364 Metroblack w. Metrolite  
 10Δ370 Metroblack w. Metrothin  
 10Δ374 Scotch No. 2 w. It. & S. C.  
 10Δ376 Granjon w. Granjon Bd.  
 10Δ378 Baskerville w. It. & S. C.  
 10Δ380 Excelsior w. B. F. No. 2  
 10Δ382 Metrobl'k 2 w. Metrolite 2  
 10Δ384 Metromed. 2 w. Metrothin No. 2  
 10Δ396 Excelsior w. It. & S. C.  
 10Δ388 Jamson w. It. & S. C.  
 10Δ390 Ionic No. 5 w. It. & S. C.  
 10Δ392 Ionic No. 5 w. B. F. No. 2  
 10Δ394 Underwood Typewriter No. 4 w. Underscore  
 10Δ398 Memphis Light w. Bold  
 10Δ408 Estienne w. It. & S. C.  
 10Δ410 Pabst Ex. Bd. Cond. w. It.  
 10Δ412 Memphis Bold w. It.  
 10Δ414 Memphis Lt. w. It. & S. C.  
 10Δ416 Erbar Lt. Cd. w. Erbar Bold Cond.  
 10Δ418 Memphis Med. w. It. & S. C.  
 10Δ420 Bengali Light with Bd.  
 10Δ422 Electra w. It. & S. C.  
 10Δ424 Caslon 137 w. It. & S. C.  
 10Δ428 Bookman w. It. & S. C.  
 10Δ436 Garam'd Bd. 3 w. It. & S. C.  
 10Δ440 Garam'd 3 w. It. & S. C.  
 10Δ444 Memphis Ex. Bd. w. It.  
 10Δ448 Paragon w. It. & S. C.  
 10Δ450 Paragon w. Bd.  
 10Δ452 Tele. Excelsior w. B. F. 2  
 10Δ454 Memphis Med. w. Memphis Bd.  
 10Δ456 Goth. 44 w. Goth. 42, Figs.  
 10Δ458 Goth. 45 w. Goth. 43, Figs.  
 10Δ462 Metromedium No. 2 w. It.  
 10Δ464 Bengali No. 2 w. B. F. 2  
 10Δ466 Excelsior w. Memphis Bd.  
 10Δ468 Opticon w. It. & S. C.  
 10Δ470 Opticon w. B. F. No. 2  
 10Δ472 Phonetic Characters  
 10Δ476 Metroblack No. 2 w. It.  
 10Δ478 Metrolite No. 2 w. It.  
 10Δ480 Tamil Light and Bold  
 10Δ482 Metrolite 2 w. Metrobl'k 2  
 10Δ486 Memphis Med. Cond. w. Memphis Bd. Cond.  
 10Δ488 Spartan Medium w. It.

Face Identification Numbers—(Cont.)

TWO-LETTER

10-Point—(Cont.)

- 100490 Spartan Heavy w. It.  
 100492 Spartan Black w. It.  
 100494 Memphis Med. Cond. w.  
 Memphis Ex. Bd. Cd.  
 100496 Caledonia w. It. & S. C.  
 100498 Baskerville w. Bd.  
 100500 Fairfield w. It. & S. C.  
 100502 Spartan Lt. w. Medium  
 100504 Electra w. Bd.  
 100506 Spartan Duplicate  
 100508 Textype Bd. w. It.  
 100510 Baskerville Bd. w. It.  
 100512 Spartan Med. w. Hvy.  
 100514 Gothic 41, D. C., Figs.  
 100516 Gothic 13, D. C., Figs.  
 100518 Caledonia w. Bd.  
 100520 Memphis Ex. Bd. Cond.  
 w. Gothic No. 13  
 100528 Memphis Ex. Bd. w.  
 Gothic No. 16  
 100532 Gothic Cd. 2 Duplicate  
 100534 Spartan Black Cd. w. It.  
 100538 Opticon w. Memphis Bd.  
 100540 Corona w. B. F. No. 2
- 10½-Point  
 10½02 O. S. No. 7 w. It. & S. C.
- 11-Point  
 1102 No. 1 w. It. & S. C.  
 1104 O. S. No. 1 w. It. & S. C.  
 11010 Scotch w. It. & S. C.  
 11012 Caslon w. It. & S. C.  
 11014 De Vinne w. It. & S. C.  
 11016 De Vinne w. Ant. No. 3  
 11022 O. S. No. 1 w. Ant. No. 1  
 11024 German No. 3 w. B. F. 2  
 11040 B. F. No. 3 Figs., D. C.  
 11044 Russian No. 1 w. It.  
 11048 Cheltenham w. It. & S. C.  
 11054 Greek Elzevir  
 11056 No. 21 w. It. & S. C.  
 11058 O. S. No. 7 w. It. & S. C.  
 11060 Russian Cond. No. 2 w.  
 Ant. Black No. 3  
 11070 Century Exp. w. Cent. Bd.  
 11076 Caslon O. F. w. It. & S. C.  
 11088 Benedict. Bk. w. It. &  
 S. C.  
 11096 Garamond w. It. & S. C.  
 11098 Cloister w. It. & S. C.  
 110100 Gothic No. 16 Figs., D. C.  
 110102 Granjon w. It. & S. C.  
 110104 Century Exp. w. It. &  
 S. C.  
 110106 Cheltenham Bd. w. It.  
 110108 Hebrew 2 w. Hebrew B. F.  
 110110 Scotch No. 2 w. It. & S. C.  
 110112 Caslon No. 2 w. It. & S. C.  
 110114 Granjon w. Granjon Bd.  
 110116 Baskerville w. It. & S. C.  
 110118 Janson w. It. & S. C.  
 110120 Excelsior w. It. & S. C.  
 110122 Caslon 137 w. It. & S. C.  
 110124 Electra w. It. & S. C.  
 110126 Garam'd 3 w. It. & S. C.  
 110128 Excelsior w. B. F. No. 2  
 110130 Garam'd Bd. No. 3 w. It.  
 & S. C.  
 110132 Bookman w. It. & S. C.

11-Point—(Cont.)

- 110134 Opticon w. It. & S. C.  
 110136 Bengali No. 2 w. B. F. 2  
 110138 Opticon w. B. F. No. 2  
 110140 Caledonia w. It. & S. C.  
 110146 Fairfield w. It. & S. C.  
 110150 Excelsior w. Memphis Bd.  
 110152 Baskerville w. Bd.  
 110154 Tele. Excel. w. It. & S. C.  
 110156 Tele. Excelsior w. B. F. 2  
 110158 Electra w. Bold  
 110160 Textype w. It. & S. C.  
 110162 Textype Bold w. It.  
 110164 Baskerville Bold w. It.  
 110166 Caledonia w. Bold
- 11½-Point  
 11½02 Scotch w. It. & S. C.  
 11½04 Caslon O. F. w. It. & S. C.
- 12-Point  
 1202 No. 1 w. It. & S. C.  
 1204 O. S. No. 1 w. It. & S. C.  
 1206 Orig. O. S. w. It. & S. C.  
 12010 Scotch w. It. & S. C.  
 12012 Caslon w. It. & S. C.  
 12014 De Vinne w. It. & S. C.  
 12016 De Vinne w. Ant. No. 3  
 12018 Chelt. w. It. & S. C.  
 12022 Century Exp. w. It. & S. C.  
 12026 O. S. No. 1 w. Ant. No. 1  
 12030 Gothic 5 w. Gothic Cd. 1  
 12038 De Vinne w. Ant. No. 3  
 (Vertical Slug)  
 12040 No. 16 w. It. & S. C.  
 12046 Cheltenham Bd. w. It.  
 12048 Russian No. 11 w. It.  
 12050 Greek No. 2  
 12052 Russian 11 w. Ant. Bk. 2  
 12054 Russian Cond. No. 2 w. It.  
 12056 Elzevir w. Chelt. Bd.  
 12058 Classic w. Century Bd.  
 12062 B. F. No. 3, Figs., D. C.  
 12064 Century Exp. w. Cent. Bd.  
 12066 Russian Cond. No. 2 w.  
 Ant. Black No. 2  
 12068 Antique No. 1 w. It.  
 12070 No. 16 w. Century Bold  
 12074 Caslon No. 2 w. It. & S. C.  
 12076 Greek No. 3  
 12078 O. S. No. 1 w. Ant. It. 1  
 12088 Chelt. Wide w. Chelt. Bd.  
 12094 Chelt. Cd. w. Chelt. Bd.  
 Cond.  
 12096 O. S. No. 3 w. It. & S. C.  
 12098 Chelt. Bd. Cd. w. It.  
 120102 Goth. 13 w. De Vinne Cd.  
 120104 Gothic No. 16 w. Title 4  
 120108 De Vinne Outline w. It.  
 120120 Caslon No. 3 w. It. & S. C.  
 120122 De Vinne Outline w.  
 B. F. No. 6  
 120126 O. S. No. 1 w. Chelt. Bd.  
 120132 Bodoni Bold w. It.  
 120140 Century Exp. w. Chelt. Bd.  
 120150 Russian No. 3 Lt. and Bd.  
 120158 Gothic No. 16, D. C., Figs.  
 120160 Bodoni w. It. & S. C.  
 120164 German 3 w. Bold Face 2  
 120178 Borders  
 120180 B. F. No. 7 Figs., D. C.

Face Identification Numbers—(Cont.)

TWO-LETTER

12-Point—(Cont.)	12-Point—(Cont.)
12Δ184 Armenian No. 1 w. No. 2	12Δ324 Textype w. It. & S. C.
12Δ186 Bodoni Bk. w. It. & S. C.	12Δ364 Metroblik. 2 w. Metrolite 2
12Δ190 O. S. No. 7 w. It. & S. C.	12Δ366 Metrodrom. No. 2 w.
12Δ198 Cent. Bd. w. Cent. Bd. It.	Metrothin No. 2
12Δ200 Underwood Typewriter w.	12Δ368 Ionic No. 5 w. B. F. No. 2
Underscore	12Δ370 Remington Typewriter 4
12Δ202 Remington Typewriter w.	w. Underscore
Underscore	12Δ374 Scotch No. 2 w. It. & S. C.
12Δ208 Gothic 29 w. Gothic 30,	12Δ376 Memphis Light w. Bd.
Caps & Figs.	12Δ378 Excelsior w. B. F. No. 2
12Δ210 Gothic 29C w. Gothic 30C,	12Δ380 Estienne w. It. & S. C.
Caps & Figs.	12Δ382 Pabst Ex. Bd. Cond. w. It.
12Δ212 Gothic 29B w. Gothic 30B,	12Δ384 Electra w. It. & S. C.
Caps & Figs.	12Δ386 B. F. No. 9D w. Gothic
12Δ214 Gothic 29A w. Gothic 30A,	31D, Caps & Figs.
Caps & Figs.	12Δ388 Memphis Bd. w. It.
12Δ216 B. F. 5 w. Gothic 31,	12Δ390 Memphis Lt. w. It. & S. C.
Caps & Figs.	12Δ392 Erbar Lt. Cond. w. Erbar
12Δ218 B. F. 9C w. Gothic 31C,	Bold Cond.
Caps & Figs.	12Δ394 Teletype Bodoni Bd. w. It.
12Δ220 B. F. 9B w. Gothic 31B,	12Δ396 Gothic 31D w. Gothic
Caps & Figs.	32D, Caps & Figs.
12Δ222 B. F. 9A w. Gothic 31A,	12Δ398 Memphis Med. w. It. &
Caps & Figs.	S. C.
12Δ228 Nestorian	12Δ416 Lin. Metrodrom. w. Lin.
12Δ234 Jacobite	Metrothin, Caps &
12Δ236 Caslon O. F. w. It. & S. C.	Figs.
12Δ238 Gothic No. 15 Figs., D. C.	12Δ418 Lin. Metrodrom. A w. Lin.
12Δ242 Gothic 13 w. Chelt. Bd.	Metrothin A, Caps &
Cond.	Figs.
12Δ244 Gothic 16 w. Chelt. Bd.	12Δ420 Lin. Metrodrom. B w. Lin.
12Δ250 Gothic 32 w. Gothic 33,	Metrothin B, Caps &
Caps & Figs.	Figs.
12Δ252 Gothic 32A w. Gothic	12Δ422 Lin. Metrodrom. C w. Lin.
33A, Caps and Figs.	Metrothin C, Caps &
12Δ254 Gothic 32B w. Gothic	Figs.
33B, Caps & Figs.	12Δ424 Lin. Memphis Lt. A w.
12Δ256 Gothic 32C w. Gothic	Lin. Memphis Bd. A,
33C, Caps & Figs.	Caps & Figs.
12Δ258 Benedict. Bk. w. It. & S. C.	12Δ426 Lin. Memphis Lt. B w.
12Δ262 No. 21 w. It. & S. C.	Lin. Memphis Bd. B,
12Δ264 Underwood Typewriter 2	Caps & Figs.
w. Underscore	12Δ428 Lin. Memphis Lt. C w.
12Δ266 Gothic 31 w. Gothic 32,	Lin. Memphis Bd. C,
Caps & Figs.	Caps & Figs.
12Δ268 Gothic 31A. w. Gothic	12Δ432 Bengali Light w. Bd.
32A, Caps & Figs.	12Δ434 Lin. Memphis Lt. w. Lin.
12Δ270 Gothic 31B w. Gothic	Memphis Bd., Caps &
32B, Caps & Figs.	Figs.
12Δ272 Gothic 31C w. Gothic	12Δ436 Gothic 13, D. C., Figs.
32C, Caps & Figs.	12Δ440 Caslon 137 w. It. & S. C.
12Δ276 Cloister Bd. w. It.	12Δ444 Bookman w. It. & S. C.
12Δ278 Garamond w. It. & S. C.	12Δ446 Tamil Light w. Bd.
12Δ280 Cloister Wide w. Cloister	12Δ452 Garam'd Bd. No. 3 w. It.
Bold	& S. C.
12Δ284 Cloister with It. & S. C.	12Δ454 Garam'd 3 w. It. & S. C.
12Δ286 Garamond Bold w. It.	12Δ458 Memphis Ex. Bd. w. It.
12Δ288 Granjon w. It. & S. C.	12Δ464 Metrodrom. No. 2 w. It.
12Δ292 Pabst Ex. Bd. w. It.	12Δ466 Memphis Med. w. Bd.
12Δ294 Hebrew w. Heb. Lt. Face	12Δ468 Goth. 44 w. Goth. 42,
12Δ296 Hebrew w. Heb. It. No. 3	Figs.
12Δ298 Poster Bodoni w. It.	12Δ470 Goth. 45 w. Gothic 43,
12Δ300 Vulcan Bd. w. It.	Figs.
12Δ302 Metroblik. w. Metrolite	12Δ472 Bengali 2 w. B. F. No. 2
12Δ308 Metrodrom. w. Metrothin	12Δ474 Opticon w. B. F. No. 2
12Δ310 Textype w. B. F. No. 2	12Δ476 Metroblack No. 2 w. It.
12Δ314 Baskerville w. It. & S. C.	12Δ478 Metrolite No. 2 w. It.
12Δ318 Granjon w. Granjon. Bd.	12Δ480 Memphis Med. Cond. w.
12Δ318 Janson w. It. & S. C.	Memphis Bd. Cond.
12Δ320 Ionic No. 5 w. It. & S. C.	12Δ482 Electra w. Electra Bd.

## Face Identification Numbers—(Cont.)

### TWO-LETTER

12-Point—(Cont.)		14-Point—(Cont.)	
125484	Baskerville Bd. w. It.	145106	Goth. 13 w. Chelt. Bd. Cd.
125486	Gothic 31C w. Gothic 33C, Caps & Figs.	145138	Gothic 16 w. Chelt. Bd.
125488	Excelsior w. Memphis Bd.	145142	Scotch w. It. & S. C.
125492	Metrolite 2 w. Metroblk. 2	145146	Bened. Bk. w. It. & S. C.
125494	B. F. No. 2, D. C., Food Store Logos.	145154	Cloister Bold w. It.
125496	Spartan Medium w. It.	145156	Garamond w. It. & S. C.
125498	Spartan Heavy w. It.	145158	Cloister Wide w. Cloister Bold
125500	Spartan Black w. It.	145162	Cloister w. It. & S. C.
125502	Memphis Med. Cond. w. Memphis Ex. Bd. Cd.	145164	Garamond Bold w. It.
125504	Caledonia w. It. & S. C.	145168	Hebrew No. 3 w. It.
125508	Fairfield w. It. & S. C.	145170	Granjon w. It. & S. C.
125512	Baskerville w. Bd.	145172	Pulst. Ex. Bd. w. It.
125514	Spartan Light w. Med.	145174	Poster Bodoni w. It.
125518	Spartan Med. w. Hvy.	145176	Valcan Bold w. It.
125520	Gothic 41, Figs., D. C.	145178	Janson w. It. & S. C.
125528	Caledonia w. Bd.	145180	Metroblk. w. Metrolite
125530	Memphis Extra Bd. Cond. w. Gothic No. 13	145186	Metroblk. w. Metrothin
125532	Memphis Extra Bd. w. Gothic No. 16	145188	Baskerville w. It. & S. C.
125534	Excelsior w. It. & S. C.	145192	Granjon w. Granjon Bd.
125538	Bank Goth. Lt. w. Med.	145194	Textype w. B. F. No. 2
125540	Bank Goth. A Lt. w. Med.	145196	Metroblk. 2 w. Metrolite 2
125542	Bank Goth. B Lt. w. Med.	145198	Metroblk. 2 w. Metrothin No. 2
125544	Bank Goth. C Lt. w. Med.	145200	Memphis Light w. Bold
125546	Bank Goth. D Lt. w. Med.	145202	Estienne w. It. & S. C.
125548	Spartan Bk. Cd. w. It.	145204	Palst. Extra Bd. Cd. w. It.
125550	Opticon w. Memphis Bd.	145206	Memphis Bd. w. It.
		145208	Memphis Lt. w. It. & S. C.
		145210	Erbar Lt. Cd. w. Erbar Bold Cond.
		145212	Memphis Med. w. It. & S. C.
1452	Orig. O. S. w. It. & S. C.	145214	Excelsior w. B. F. No. 2
1454	Chelt. w. It. & S. C.	145216	Electra w. It. & S. C.
14514	No. 16 w. It. & S. C.	145218	Excelsior w. It. & S. C.
14516	B. F. No. 3 Figs., D. C.	145220	Textype w. It. & S. C.
14520	Century Exp. w. Cent. Bd.	145222	B. F. No. 2, D. C., Food Store Logos.
14522	De Vinne w. Ant. No. 3	145224	Devanagari Lt. w. Bd.
14524	O. S. No. 1 w. Ant. No. 1	145226	Garam'd Bd. No. 3 w. It. & S. C.
14526	Classic w. Century Bd.	145232	Bookman w. It. & S. C.
14528	Elzevir w. Chelt. Bd.	145234	Memphis Ex. Bd. w. It.
14530	Cheltenham Bd. w. It.	145236	Garam'd 3 w. It. & S. C.
14534	Caslon w. It. & S. C.	145240	Memphis Med. w. Bd.
14536	No. 16 w. Century Bd.	145242	Goth. 44 w. Goth. 42, Figs.
14540	Chelt. Wide w. Chelt. Bd.	145244	Goth. 45 w. Goth. 43, Figs.
14542	Chelt. Cd. w. Chelt. Bd. Cond.	145246	Metroblk. No. 2 w. It.
14546	Chelt. Bd. Cond. w. It.	145248	Bengali No. 2 w. B. F. 2
14548	Goth. 13 w. De Vinne Cd.	145250	Metroblk. No. 2 w. It.
14550	Gothic No. 16 w. Title 4	145252	Excelsior w. Memphis Bd.
14552	De Vinne Outline w. It.	145256	Metrolite No. 2 w. It.
14554	Caslon No. 3 w. It. & S. C.	145258	Metrolite 2 w. Metroblk. 2
14556	Antique No. 1 w. It.	145260	Memphis Med. Cd. w. Memphis Bd. Cd.
14558	Century Exp. w. It. & S. C.	145262	Spartan Medium w. It.
14568	Bodoni Bd. w. It.	145264	Spartan Heavy w. It.
14576	O. S. No. 1 w. It. & S. C.	145266	Spartan Black w. It.
14580	De Vinne Outline w. B. F. No. 6	145268	Memphis Med. Cd. w. Memphis Ex. Bd. Cd.
14584	De Vinne w. It. & S. C.	145270	Baskerville w. Bold
14586	Cent. Exp. w. Chelt. Bd.	145272	Caledonia w. It. & S. C.
14592	Gothic No. 16 Figs., D. C.	145274	Spartan Lt. w. Medium
14594	Bodoni w. It. & S. C.	145276	Electra w. Electra Bd.
145102	Cent. Exp. w. Cent. Bd. It.	145278	Gothic 13, Figs., D. C.
145114	Bodoni Bk. w. It. & S. C.	145280	Baskerville Bd. w. It.
145118	German No. 4 w. B. F. 4	145282	Fairfield w. It. & S. C.
145120	O. S. No. 7 w. It. & S. C.	145284	Spartan Med. w. Hvy.
145124	Cent. Bd. w. Cent. Bd. It.	145286	Caledonia w. Bold
145130	Borders		
145132	Caslon O. F. w. It. & S. C.		

Face Identification Numbers—(Cont.)

TWO-LETTER

14-Point—(Cont.)		14-Point—(Cont.)	
14Δ288	Memphis Ex. Bd. Cd. w. Gothic No. 13	14Δ292	Spartan Black Cond. w. It.
14Δ290	Memphis Ex. Bd. w. Gothic No. 16	14Δ294	Spartan Black Cond. w. Medium Cond.
		14Δ296	Gothic No. 41 Figs., D. C.

DISPLAY

16-Point		18-Point—(Cont.)	
18Δ5	Hebrew	18Δ65	Gothic No. 13
18Δ7	Hebrew Cond.	18Δ66	Caslon No. 3 w. It.
18Δ9	Gothic Cond. 1, Ad. Figs.	18Δ68	Memphis Bd. Cd. w. Med. Cond.
18Δ15	Baskerville	18Δ69	Borders
18Δ17	Estienne	18Δ70	Memphis Ex. Bd. Cd. w. Medium Cond.
18Δ21	Bodoni	18Δ71	Gothic No. 18
18Δ25	Caledonia Bold	18Δ72	Pabst Ex. Bd. Cond. w. It.
		18Δ74	Metrolite 2 w. Metroblk. 2
		18Δ75	Condensed Outline
		18Δ76	Century Bold w. It.
		18Δ78	Pabst Ex. Bd. Cd. w. 14-pt. Gothic No. 16
		18Δ80	Bodoni Book w. It.
		18Δ82	B. F. No. 2, D. C., Fd. St. Logos.
		18Δ83	Hebrew
		18Δ86	Caslon w. It.
		18Δ87	Antique It. No. 1
		18Δ88	Erbar Med. Cd. w. Lt. Cd.
		18Δ89	Russian Ant. Black No. 12
		18Δ90	Cheltenham Bold w. It.
		18Δ91	Russian Ant. Blk. Cond. 2
		18Δ92	Cheltenham w. It.
		18Δ94	Bodoni Bd. Cd. w. 14-pt. Bodoni Bold
		18Δ97	Cheltenham Bold
		18Δ98	Gothic No. 13 w. 12-pt. Gothic No. 16
		18Δ99	Cheltenham Cond.
		18Δ101	Bodoni
		18Δ102	Spartan Heavy w. It.
		18Δ103	Antique No. 1
		18Δ104	Spartan Heavy w. Med.
		18Δ106	Spartan Medium w. It.
		18Δ108	Spartan Black w. It.
		18Δ109	B. F. No. 6, Adv. Figs.
		18Δ110	Memphis Ex. Bd. Cd. w. Gothic No. 13
		18Δ112	Memphis Ex. Bd. w. Goth. No. 16
		18Δ114	Spartan Black Cd. w. It.
		18Δ115	Caslon No. 4
		18Δ116	Spartan Blk. Cd. w. Med. Cond.
		18Δ120	Gothic 13 w. Memphis Ex. Bold Cond.
		18Δ122	Spartan Blk. Cd. w. 14-pt. Spartan Heavy
		18Δ123	Century Expanded
		18Δ124	Gothic 16 w. Cent. Bd.
		18Δ125	Bodoni Book
		18Δ131	Cheltenham Bd. Cd. It.
		18Δ133	Century Bold
		18Δ135	Bodoni It.
		18Δ139	Gothic 29, Caps & Figs.
		18Δ141	Gothic 30, Caps & Figs.
		18Δ143	Gothic 31, Caps & Figs.
		18Δ145	Gothic 29A, Caps & Figs.
		18Δ147	Gothic 30A, Caps & Figs.

Face Identification Numbers—(Cont.)

DISPLAY

18-Point—(Cont.)		18-Point—(Cont.)	
18Δ149	Gothic 31A, Caps & Figs.	18Δ351	Erbar Bold Cond.
18Δ151	B. F. No. 9A, Caps & Figs.	18Δ353	Erbar Light Cond.
18Δ157	B. F. No. 9, Caps & Figs.	18Δ355	Estienne
18Δ163	Caslon Bold Cond.	18Δ357	Memphis Extra Bold
18Δ165	Bodoni Bold	18Δ359	Metromedium, Adv. Figs.
18Δ167	Estrangela	18Δ363	Chelt. It., Fd. St. Logos.
18Δ169	Caslon Old Face	18Δ365	B. F. No. 2, Fd. St. Logos.
18Δ171	Caslon Old Face It.	18Δ367	Gothic No. 39, Adv. Figs.
18Δ173	Century Bold It.	18Δ369	Gothic No. 40, Adv. Figs.
18Δ175	Cheltenham Bold It.	18Δ371	Gothic No. 41, Adv. Figs.
18Δ179	Gothic No. 16	18Δ373	Gothic No. 39, Figs.
18Δ183	De Vinne Outline	18Δ375	Gothic No. 40, Figs.
18Δ187	Bodoni Bold It.	18Δ377	Gothic No. 41, Figs.
18Δ193	Old Style No. 7	18Δ379	Memphis Medium
18Δ195	Scotch	18Δ381	Memphis Medium It.
18Δ197	Scotch It.	18Δ385	Caslon Italic
18Δ203	Bodoni Bold, Adv. Figs.	18Δ389	Cheltenham Med. Cond.
18Δ207	Arabic	18Δ391	Erbar Medium Cond.
18Δ213	Caslon No. 3	18Δ395	Gothic No. 44, Figs.
18Δ215	Caslon No. 3 It.	18Δ397	Memphis Bold, Adv. Figs.
18Δ225	Benedictine Book	18Δ399	Franklin Gothic
18Δ235	Metrolite	18Δ401	Garamond Bold No. 3
18Δ243	Cloister Bold	18Δ403	Memphis Ex. Bd., Adv. Figs.
18Δ245	Cloister Bold It.	18Δ405	Greek Erbar Lt. Cd., Caps & Figs.
18Δ247	Goth. Cd. Outl., Caps & Figs.	18Δ407	Memphis Bold Cond.
18Δ249	Narciss	18Δ409	Memphis Medium Cond.
18Δ251	Gothic No. 38	18Δ411	Memphis Ex. Bd. Cond.
18Δ253	Arabic Old Style	18Δ415	Garamond Bold No. 3 It.
18Δ255	Cheltenham, Adv. Figs.	18Δ417	Erbar Bd. Cd., Adv. Figs.
18Δ257	Metromedium	18Δ423	Metromedium No. 2 w. It.
18Δ259	Metrothian	18Δ425	Garamond No. 3
18Δ261	Arabic Bold Old Style	18Δ427	Poster Bodoni Compressed
18Δ263	Cloister	18Δ429	Ryerson Cond.
18Δ265	Garamond	18Δ431	Erbar Light Cd., Ad. Figs.
18Δ267	Cloister It.	18Δ433	Spartan Heavy
18Δ269	Garamond It.	18Δ435	Spartan Medium
18Δ271	Lino Script	18Δ437	Memphis Ex. Bd. Cd., Ad. Figs.
18Δ277	Garamond Bold	18Δ439	Memphis Medium Cond.
18Δ279	Garamond Bold It.	18Δ441	Memphis Lt. Cd., Adv. Figs.
18Δ283	Bodoni Bold Cond.	18Δ443	Ant. No. 1, Adv. Figs.
18Δ285	Lino Text	18Δ445	Caledonia Bold
18Δ287	Ionic Cond.	18Δ447	Memphis Bold It.
18Δ289	Gothic No. 13, Adv. Figs.	18Δ449	Memphis Blk. Cd., Figs.
18Δ295	Card It.	18Δ451	Spartan Black
18Δ297	Hebrew No. 3	18Δ457	Spartan Black It.
18Δ299	Hebrew No. 3 It.	18Δ459	Spartan Medium It.
18Δ301	Granjon	18Δ461	Caslon It., Normal Position
18Δ303	Granjon It.	18Δ463	Gothic Cd. 2, Adv. Figs.
18Δ305	Pabst Extra Bold		
18Δ307	Pabst Ex. Bd., Adv. Figs.		
18Δ309	Poster Bodoni		
18Δ311	Vulcan Bold		
18Δ313	Poster Bodoni It.		
18Δ315	Armenian Gothic Cond. 2	20Δ7	Hebrew Cond.
18Δ317	Vulcan Bold It.	20Δ9	Cheltenham
18Δ319	Armenian Gothic No. 13	20Δ11	Russian Antique Cond.
18Δ321	Metrolack	20Δ17	Cheltenham It.
18Δ323	Cloister Bold, Adv. Figs.	20Δ23	Servian Antique Cond.
18Δ325	Metrolack, Adv. Figs.	20Δ25	Cheltenham, Adv. Figs.
18Δ327	Pabst Extra Bold Cond.		
18Δ329	Metrolack No. 2		
18Δ331	Metrolite No. 2		
18Δ333	Metromedium No. 2	21Δ1	Latin Cond., Caps & Figs.
18Δ335	Metrothian No. 2	21Δ3	Caslon Old Face
18Δ337	Poster Bodoni, Adv. Figs.	21Δ5	Caslon Old Face It.
18Δ343	Pabst Extra Bold Cond., Adv. Figs.	21Δ7	Narciss
18Δ347	Memphis Light	21Δ13	Bodoni
18Δ349	Memphis Bold	21Δ15	Bodoni Bold
		21Δ17	Bodoni Bold It.
		21Δ19	Granjon

Face Identification Numbers—(Cont.)

DISPLAY

21-Point—(Cont.)		24-Point—(Cont.)	
21Δ21	Vulcan Bold	24Δ100	Gothic No. 13 w. 14 pt. Gothic No. 16
21Δ23	Granjon It.	24Δ101	Cheltenham
21Δ25	Narciss, Normal Position	24Δ102	Spartan Heavy w. It.
21Δ27	Caledonia Bold	24Δ104	Spartan Hvy. w. Med.
		24Δ105	Arabic Bold Cond.
	<b>22-Point</b>	24Δ106	Spartan Medium w. It.
22Δ1	Arabic	24Δ107	Century Bold
		24Δ108	Spartan Black w. It.
	<b>24-Point</b>	24Δ110	Memphis Ex. Bd. Cd. w. Gothic No. 13
24Δ53	Century Bold It., Adv. Figs.	24Δ112	Memphis Ex. Bd. w. Gothic No. 16
24Δ55	Cheltenham Bd., Adv. Figs.	24Δ113	Bodoni Cond.
24Δ56	Metromedium No. 2 w. Metrothin No. 2	24Δ114	Spartan Black Cd. w. It.
24Δ57	Chelt. Bd. It., Adv. Figs.	24Δ115	Bodoni Book
24Δ58	Metroblk. 2 w. Metrothin 2	24Δ116	Spartan Black Cond. w. Medium Cond.
24Δ10	Bodoni Bold w. It.	24Δ117	Cheltenham Bold It.
24Δ12	Cloister Bold w. It.	24Δ118	Bodoni Bold Cond. w. 18-pt. Bodoni Bold
24Δ15	Century Bold, Adv. Figs.	24Δ119	Caslon Bold Cond.
24Δ19	Gothic Cond. 1, Adv. Figs.	24Δ120	Gothic 13 w. Memphis Extra Bold Cond.
24Δ20	Memphis Bold w. It.	24Δ121	Bodoni Bold
24Δ21	Gothic Cond. No. 2	24Δ122	Spartan Black Cond. w. 18-pt. Spartan Heavy
24Δ22	Garamond Bold w. It.	24Δ123	Cheltenham Bold Cond.
24Δ23	Caption, Caps & Figs.	24Δ124	Gothic 16 w. Cont. Bold
24Δ24	Chelt. Bold Cond. w. It.	24Δ125	Caslon Old Face It.
24Δ25	Latin Cond., Caps & Figs.	24Δ127	Caslon Old Face
24Δ26	Poster Bodoni w. It.	24Δ131	Century Bold It.
24Δ27	De Vinne Extra Cond.	24Δ135	Antique No. 1
24Δ28	Memphis Medium w. It.	24Δ137	Century Expanded
24Δ29	Chelt. Bold Extra Cond.	24Δ139	Gothic No. 16
24Δ34	Gothic 16 w. Chelt. Bold	24Δ141	De Vinne Outline
24Δ36	Goth. 13 w. Chelt. Bd. Cd.	24Δ145	Arabic
24Δ37	Chelt. Bd. Cd., Adv. Figs.	24Δ147	Bodoni Bold It.
24Δ38	Bodoni w. It.	24Δ155	Arabic Bold
24Δ39	Mid Gothic, Adv. Figs.	24Δ161	Bodoni Bold, Adv. Figs.
24Δ40	Borders, D. C.	24Δ167	Bodoni Book It.
24Δ45	Gothic No. 16, Adv. Figs.	24Δ169	Bodoni It.
24Δ46	Metroblack No. 2 w. It.	24Δ171	Scotch
24Δ48	Memphis Bold w. Light Borders	24Δ173	Cheltenham Bd. Cd. It.
24Δ49	Borders	24Δ175	Caslon No. 3
24Δ50	Metroline No. 2 w. It.	24Δ177	Caslon No. 3 It.
24Δ51	Gothic No. 13	24Δ187	Gothic No. 13, Adv. Figs.
24Δ53	Gothic No. 18	24Δ191	Chelt. Bold Extra Cond., Adv. Figs.
24Δ54	Metromedium No. 2 w. It.	24Δ195	Cheltenham, Adv. Figs.
24Δ55	Cheltenham Cond.	24Δ199	Clearface Bold
24Δ56	Erbar Bd. Cd. w. Erbar Light Cond.	24Δ201	Clearface Bold It.
24Δ57	Century Bold Cond.	24Δ205	Metromedium
24Δ58	Garamond Bold 3 w. It.	24Δ207	Cloister Bold
24Δ59	Goth. Cd. 3, Caps & Figs.	24Δ209	Cloister Bold It.
24Δ64	Memphis Bold w. Medium	24Δ211	Narciss
24Δ66	Caslon No. 3 w. It.	24Δ215	Gothic No. 38
24Δ67	B. F. No. 6, Adv. Figs.	24Δ217	Arabic Old Style
24Δ68	Memphis Bd. Cd. w. Med. Cond.	24Δ219	Mid Goth., Sup. Adv. Figs.
24Δ69	Russian Ant. Blk. Cd. 2	24Δ221	Arabic Bold Old Style
24Δ70	Memphis Ex. Bd. Cd. w. Medium Cond.	24Δ223	Cloister
24Δ71	Russian Caption	24Δ225	Cloister It.
24Δ72	Pabst Ex. Bd. Cd. w. It.	24Δ227	Garamond
24Δ73	Bodoni	24Δ229	Garamond It.
24Δ75	Cheltenham Bold	24Δ235	Garamond Bold
24Δ76	Century Bold w. It.	24Δ237	Garamond Bold It.
24Δ79	Old Style No. 7	24Δ241	Bodoni Bold Cond.
24Δ84	Bodoni Bd. Cd. w. 18-pt. Bodoni Bold It.	24Δ243	Ionic Cond.
24Δ88	Erbar Med. Cd. w. Lt. Cd.	24Δ249	Hebrew No. 3
24Δ90	Cheltenham Bold w. It.	24Δ251	Hebrew No. 3 It.
24Δ92	Cheltenham w. It.		
24Δ95	Chelt. Bd. Ex. Cd. It.		
24Δ99	Condensed Outline		



## Face Identification Numbers—(Cont.)

### DISPLAY

30-Point—(Cont.)	30-Point—(Cont.)
30Δ115 Caslon No. 3 It.	30Δ305 Memphis Extra Bold Cd., Adv. Figs.
30Δ123 Bodoni Bold It.	30Δ307 Memphis Bold It.
30Δ127 Lat. Ex. Cd., Caps & Figs.	30Δ309 Metromedium No. 2 It.
30Δ129 Caslon Old Face	30Δ311 Spartan Medium
30Δ141 Hebrew Cond.	30Δ313 Spartan Medium It.
30Δ149 Cheltenham, Adv. Figs.	
30Δ153 Bodoni Cond.	
30Δ155 Cloister Bold	
30Δ157 Cloister Bold It.	
30Δ159 Narciss	
30Δ161 Cloister	
30Δ163 Cloister It.	
30Δ165 Garamond	
30Δ167 Garamond It.	
30Δ171 Spartan Black Cond.	
30Δ173 Garamond Bold	
30Δ175 Garamond Bold It.	
30Δ179 Chelt. Bold, Adv. Figs.	
30Δ181 Goth. Cd. 4, Caps & Figs.	
30Δ183 Bodoni Bold Cond.	
30Δ185 Ionic Cond.	
30Δ187 Cheltenham Cond.	
30Δ193 Metroblack	
30Δ195 Cloister Bold, Adv. Figs.	
30Δ197 Metrolite	
30Δ201 Pabst Extra Bold, Figs.	
30Δ203 Metromedium	
30Δ205 Metrothin	
30Δ207 Pabst Extra Bold Cond.	
30Δ209 Metroblack No. 2	
30Δ211 Metrolite No. 2	
30Δ213 Metromedium No. 2	
30Δ215 Metrothin No. 2	
30Δ217 Pabst Ex. Bd., Adv. Figs., Aux. Pos.	
30Δ221 Pabst Extra Bold Cond., Adv. Figs.	
30Δ223 Memphis Light	
30Δ225 Memphis Bold	
30Δ227 Metromedium, Adv. Figs.	
30Δ231 Gothic No. 39, Adv. Figs.	
30Δ233 Gothic No. 40, Adv. Figs.	
30Δ235 Gothic No. 41, Adv. Figs.	
30Δ237 Poster Bodoni, Adv. Figs.	
30Δ239 Gothic 39, Figs., Aux. Pos.	
30Δ241 Gothic 40, Figs., Aux. Pos.	
30Δ243 Gothic 41, Figs., Aux. Pos.	
30Δ247 Metrolite No. 4 It.	
30Δ249 Metrothin No. 4 It.	
30Δ251 Metroblack, Adv. Figs.	
30Δ253 Cheltenham Med. Cond.	
30Δ255 Caslon It.	
30Δ261 Garamond Bold No. 3	
30Δ265 Memphis Bd., Adv. Figs.	
30Δ269 De Vinne Outline	
30Δ271 Memphis Medium	
30Δ275 Memphis Light, Adv. Figs.	
30Δ277 Memphis Extra Bold	
30Δ279 Memphis Bold Cond., Adv. Figs.	
30Δ281 Gothic No. 44, Figs.	
30Δ283 Poster Bodoni Compressed	
30Δ285 Memph. Ex. Bd., Adv. Figs.	
30Δ287 Memphis Bold Cond.	
30Δ289 Memphis Medium Cond.	
30Δ291 Memphis Ex. Bd. Cond.	
30Δ293 Memphis Medium It.	
30Δ295 Greek Metroblack, Caps	
30Δ301 Ryerson Condensed	
30Δ303 Caledonia Bold	
	34-Point
	34Δ1 Gothic 14, Caps & Figs.
	34Δ3 Goth. Cd. 3, Caps & Figs.
	34Δ5 Russian Antique No. 14
	34Δ9 Armenian Gothic Cond. 2
	34Δ11 Erbar Bold Cond.
	34Δ13 Erbar Light Cond.
	34Δ15 Erbar Medium Cond.
	36-Point
	36Δ1 Gothic Cond. No. 3
	36Δ3 Gothic 14, Caps & Figs.
	36Δ5 Caption
	36Δ9 Hebrew Cond.
	36Δ11 Spartan Black Cond.
	36Δ13 Gothic Cond. 2, Adv. Figs.
	36Δ15 B. F. No. 8, Adv. Figs.
	36Δ17 Bodoni
	36Δ23 Gothic Cond. No. 2
	36Δ33 Cheltenham Bold
	36Δ35 Borders
	36Δ43 Cheltenham
	36Δ45 Chelt. Bold Extra Cond.
	36Δ55 Century Bold
	36Δ59 Gothic No. 16
	36Δ61 Gothic No. 13
	36Δ65 Bodoni Bold
	36Δ67 Hebrew
	36Δ73 Cheltenham Bold Cond.
	36Δ81 Caslon Old Face
	36Δ85 Latin Cond., Caps & Figs.
	36Δ89 Narciss
	36Δ91 Cloister
	36Δ93 Garamond
	36Δ97 Garamond Bold
	36Δ99 Ionic Cond.
	36Δ103 Metroblack
	36Δ105 Metrolite
	36Δ109 Metromedium
	36Δ111 Metrothin
	36Δ113 Pabst Ex. Bd., Adv. Figs.
	36Δ115 Metroblack No. 2
	36Δ117 Metrolite No. 2
	36Δ119 Metromedium No. 2
	36Δ121 Metrothin No. 2
	36Δ123 Poster Bodoni
	36Δ125 Pabst Extra Bold Cond.
	36Δ127 Memphis Light
	36Δ129 Memphis Bold
	36Δ131 Gothic No. 39, Adv. Figs.
	36Δ133 Gothic No. 40, Adv. Figs.
	36Δ135 Gothic No. 41, Adv. Figs.
	36Δ137 Cloister Bold
	36Δ139 Cloister Bold It.
	36Δ141 Ryerson Cond.
	36Δ143 Caslon Bold Cond.
	36Δ145 Bodoni Bold Cond.
	36Δ147 Caslon
	36Δ149 Century Bold It.
	36Δ153 Gothic No. 44, Figs.
	36Δ157 Cheltenham Bd. Cd. It., Caps & Figs.

Face Identification Numbers—(Cont.)

36-Point—(Cont.)		DISPLAY	42-Point—(Cont.)	
36Δ159	De Vinne Outline	42Δ61	Pabst Extra Bold Cond.	
36Δ161	Memph. Ex. Bd., Adv. Figs.	42Δ67	Metroblk. 2, Caps & Figs.	
36Δ163	Memphis Bold Cond.	42Δ69	Memph. Ex. Bd., Ad. Figs.	
36Δ165	Memphis Medium Cond.			<b>48-Point</b>
36Δ167	Memphis Ex. Bd. Cond.	48Δ1	Gothic 14, Caps & Figs.	
36Δ169	Memphis Medium	48Δ3	Goth. Cd. 3, Caps & Figs.	
36Δ171	Poster Bodoni Compressed	48Δ9	Chelt. Bold Extra Cond.	
36Δ173	Erbar Bd. Cd. (V. S.), Adv. Figs.	48Δ11	Caps & Figs.	
36Δ181	Caledonia Bold	48Δ13	Pabst Extra Bold Cond., Caps & Figs.	
36Δ183	Metromedium No. 2 It.	48Δ15	Pabst Ex. Bd. Cd. No. 1, Caps & Figs.	
36Δ185	Lino Text	48Δ17	Erbar Bold Cond.	
		48Δ19	Erbar Light Cond.	
		48Δ21	Erbar Bold Cond. No. 1, Caps & Figs.	
		48Δ23	Gothic No. 13	
			Memph. Ex. Bd., Ad. Figs.	
				<b>54-Point</b>
42Δ1	Gothic 14, Caps & Figs.	54Δ1	Gothic 14, Caps & Figs.	
42Δ7	Gothic No. 16, Adv. Figs.	54Δ3	Erbar Light Cond., Caps & Figs.	
42Δ9	Cheltenham Bd., Ad. Figs.	54Δ5	Erbar Bold Cond., Caps & Figs.	
42Δ11	Century Bold, Adv. Figs.			<b>60-Point</b>
42Δ13	Chelt. Bd. Cd., Adv. Figs.	60Δ1	Gothic 14, Caps & Figs.	
42Δ17	Servian Antique No. 14	60Δ3	Cheltenham Bold Cond., Caps & Figs.	
42Δ21	Chelt. Bold Extra Cond., Caps & Figs.	60Δ5	Goth. Cd. 3, Caps & Figs.	
42Δ27	Goth. Cd. 3, Caps & Figs.	60Δ7	Erbar Light Cond., Caps & Figs.	
42Δ29	Hebrew Cond.	60Δ9	Erbar Bold Cond., Caps & Figs.	
42Δ37	Pabst Extra Bold Cond., Adv. Figs.			
42Δ39	Gothic No. 39, Adv. Figs.			
42Δ41	Gothic No. 40, Adv. Figs.			
42Δ43	Gothic No. 41, Adv. Figs.			
42Δ45	Hebrew Extra Cond.			
42Δ47	Erbar Light Cond.			
42Δ49	Erbar Bold Cond.			
42Δ51	Cloister Bold, Adv. Figs.			
42Δ53	Gothic No. 13, Adv. Figs.			
42Δ57	Bodoni Bold			
42Δ59	Erbar Medium Cond.			

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## LINOTYPE FAMILIES

### Faces and Sizes

The following list of current Linotype faces is arranged by families. Available point sizes, in both text and display faces, are listed under the face names and the Linotype triangle numbers are placed next to the point sizes, (e.g., 6△428).

Display sizes are listed with certain code numbers opposite all point sizes. These code numbers refer to the magazines in which the faces will run and the key to these will be found on page 56.

### Two-Letter and Display Faces

See page 56 for explanation of table

#### ANTIQUÉ NO. 1

Antique No. 1 with Italic

6△98, 8△114, 9△132, 10△92, 12△68, 14△56

Antique No. 1\*

18△100\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19L, 20, 21, 22T, 24Q,  
25mw, 26

24△135\*-2mw‡, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26

Antique No. 1 Italic\*

18△87\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19L, 20, 21, 22T, 24Q,  
25w, 26

#### BASKERVILLE

Baskerville with Italic and Small Caps

6△428, 7△184, 8△420, 9△128, 10△378, 11△116, 12△314, 14△188

Baskerville\*

16△15\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19T, 20, 21,  
22T, 24Q, 25, 26

Baskerville with Baskerville Bold

7△192, 8△544, 9△186, 10△498, 11△152, 12△512, 14△270

Baskerville Bold with Italic

7△196, 8△556, 9△194, 10△510, 11△164, 12△484, 14△280

#### BELL GOTHIC

Bell Gothic, Two-Letter

6△418, 7△188, 8△508

Bell Gothic Bold\*

6△129

Bell Gothic Bold with Gothic No. 12

6 with 7 (6△482), 7 with 8 (7△200), (caps, figures, points)

#### BENEDICTINE

Benedictine Book with Italic and Small Caps

6△250, 7△110, 8△360, 9△94, 10△292, 11△88, 12△258, 14△146

Benedictine Book\*

18△225\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19LT, 20, 21, 22T,  
24Q, 25w, 26

\* One-letter matrices. ‡ See note page 57.

## BODONI

### Bodoni Book with Italic and Small Caps

6Δ192, 7Δ94, 8Δ280, 9Δ104, 10Δ250, 12Δ186, 14Δ114, 18Δ80  
18Δ80-1, 2, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 18, 19, 20, 21, 22, 24,  
25, 26

### Bodoni Book\*

18Δ125\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 18, 19, 20, 21, 22,  
24, 25, 26  
24Δ115\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15v, 16, 18, 19, 20, 21, 22T, 24Q,  
25w, 26  
30Δ109\*-2m, 6, 7, 9, 10, 11m, 13, 16, 18, 20, 21, 26

### Bodoni Book Italic\*

24Δ167\*-2, 6, 7, 9, 10, 11, 12MW, 13, 15d, 16, 18, 19LT, 20, 21,  
25mw, 26

### Bodoni with Italic and Small Caps

6Δ158, 7Δ92, 8Δ262, 10Δ218, 12Δ160, 14Δ94, 18Δ38, 24Δ38  
18Δ38-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21, 22T,  
24, 25w, 26  
24Δ98-2m, 6, 7, 9, 10, 11m, 13, 16, 18, 20, 21, 26

### Bodoni\*

16Δ21\*-1, 2, 5DV, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 17LT, 18, 19,  
20, 21, 22, 23W, 24, 25, 26  
18Δ101\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21,  
22T, 24, 25w, 26  
21Δ13\*-2, 6, 7, 9, 10, 11, 12MW, 13, 15d, 16, 18, 19LT, 20, 21, 22LT,  
24KQ, 25mw, 26  
24Δ79\*-2m‡, 6, 7, 9, 10, 11m, 13, 16, 18, 20, 21, 26  
30Δ29\*-2mw, 6, 7, 9Q, 11mw, 13, 16, 18, 21, 26  
36Δ17\*-7, 8, 9QXZ, 13, 16, 18, 21m

### Bodoni Italic\*

18Δ135\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21,  
22T, 24, 25w, 26  
24Δ169\*-2, 6, 7, 9, 10, 11, 13, 16, 18, 20, 21, 26  
30Δ105\* 7 8, 9X, 11mw, 13, 16, 18, 21, 26

### Bodoni Condensed\*

24Δ113\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19, 20, 21, 22T, 24Q,  
25w, 26  
30Δ153\*-2mw‡, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26

### Bodoni Bold with Italic

6Δ156, 7Δ176, 8Δ222, 9Δ192, 10Δ196, 12Δ132, 14Δ68, 18Δ10, 24Δ10  
18Δ10-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19, 20, 21, 22T, 24,  
25w, 26  
24Δ10-2, 6, 7, 9, 10, 11, 13, 16, 18, 20, 21, 26

### Bodoni Bold\*

18Δ185\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19, 20, 21, 22T, 24Q,  
25w, 26  
21Δ15\*-2, 6, 7, 9, 10, 11, 12MW, 13, 15dv, 16, 18, 19LT, 20, 21,  
25mw, 26  
24Δ121\*-2, 6, 7, 9, 10, 11, 13, 15dv, 16, 18, 20, 21, 26  
27Δ1\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26  
30Δ69\*-2mw, 6, 7, 9Q, 11mw, 13, 16, 18, 21, 26  
36Δ65\*-7, 8, 9bQX, 13, 16, 18, 21m  
42Δ57\*-13QX, 18

### Bodoni Bold Italic\*

18Δ187\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19, 20, 21, 22T, 24,  
25w, 26  
21Δ17\*-2, 6, 7, 9, 10, 11, 12MW, 13, 15d, 16, 18, 19LT, 20, 21,  
25mw, 26  
24Δ147\*-2, 6, 7, 9, 10, 11, 13, 16, 18, 20, 21, 26  
30Δ123\*-7, 8, 9QXZ, 13, 16, 18, 21

\* One-letter matrices. † See note page 57.

**Bodoni Bold Condensed\***

18Δ283\*-1, 2, 3, 4QW, 5D, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17LT,  
18, 19, 20, 21, 22, 23W, 24, 25, 26  
24Δ241\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19, 20, 21, 22T, 24Q,  
25w, 26  
30Δ189\*-2, 6, 7, 9, 10, 11, 13, 15dv, 16, 18, 20, 21, 26  
36Δ145\*-2mw, 6, 7, 9Q, 11mw, 13, 16, 18, 21, 26

**Bodoni Bold Condensed with 18 Point Bodoni Bold**

24Δ118-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19, 20, 21, 22T, 24Q,  
25w, 26

**Bodoni Bold Condensed with 18 Point Bodoni Bold Italic**

24Δ84-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19, 20, 21, 22T, 24Q,  
25w, 26

**Bodoni Bold Condensed with 14 Point Bodoni Bold**

18Δ94-1, 2, 3R, 5D, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 17LT, 18, 19,  
20, 21, 22, 23W, 24, 25, 26

**Poster Bodoni with Italic**

8Δ412, 10Δ326, 12Δ298, 14Δ174, 18Δ26, 24Δ26  
18Δ26-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26  
24Δ26-7, 8, 9QX, 13, 16, 18, 21m

**Poster Bodoni\***

18Δ309\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26  
24Δ257\*-7, 8, 9QX, 13, 16, 18, 21m  
30Δ79\*-13QX, 18  
36Δ123\*-13qx (Caps pi)

**Poster Bodoni Italic\***

18Δ313\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26

**Poster Bodoni Compressed\***

18Δ427\*-1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20,  
21, 22, 23, 24, 25, 26  
24Δ381\*-1, 2, 3QR, 4QW, 5DR, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16,  
18, 19, 20, 21, 22, 23W, 24, 25w, 26  
30Δ283\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19LT, 20, 21, 22T,  
24, 25w, 26  
36Δ171\*-2, 6, 7, 9, 10, 11, 12W, 13, 15dv, 16, 18, 20, 21, 24Q, 26,

**BOLD FACE NO. 9****Bold Face No. 9\***

18Δ157\* (Caps)-8, 13, 16

**Bold Face No. 9a\***

18Δ151\* (Caps)-8, 13, 16

**BOOKMAN****Bookman with Italic and Small Caps**

6Δ394, 7Δ170, 8Δ470, 9Δ150, 10Δ428, 11Δ132, 12Δ444, 14Δ232

**CALEDONIA****Caledonia with Italic and Small Caps**

6Δ474, 8Δ534, 9Δ168, 10Δ496, 11Δ140, 12Δ504, 14Δ272

**Caledonia with Bold**

6Δ456, 8Δ560, 9Δ196, 10Δ518, 11Δ166, 12Δ528, 14Δ286

**Caledonia Bold\***

16Δ25\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21, 22T,  
24Q, 25w, 26  
18Δ445\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19LT, 20, 21, 24Q,  
25mw, 26  
21Δ27\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 19LT, 20, 21, 26  
24Δ407\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26  
27Δ3\*-2mw, 6, 7, 9Q, 11mw, 13, 16, 18, 21, 26  
30Δ503\*-7m, 8, 9mOX, 11mw, 13, 16, 18, 21m  
38Δ181\*-7m, 8, 13Q, 16, 18

\* One-letter matrices.

**CAPTION**

**Caption\***

24023\* (Caps)-1, 3, 4W, 5, 6, 10, 12, 13, 16, 17, 19, 20, 22, 23W, 24  
3605\* -1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19, 20, 21, 22, 24, 25w,  
26

**CASLON**

**Caslon with Italic and Small Caps**

708, 8024, 9018, 1008, 11012, 12012, 14034, 18086  
18086-2, 6, 7, 9, 10, 11, 13, 15, 16, 18, 19LT, 20, 21, 25mw, 26

**Caslon\***

360147\*-7mp, 8, 9mpQXZ, 13Q, 16, 18

**Caslon Italic\***

180385\*-2, 6, 7, 9, 10, 11, 13, 15d, 16, 18, 19LT, 20, 21, 25mw, 26  
240335\*-2mw, 7, 8, 9X, 11mw, 13, 16, 18, 21, 26  
300255\*-7m, 8, 9mpQXZ, 13X, 16, 18, 21m

**Caslon Italic (Normal Position)\***

180461\*-2, 6, 7, 9, 10, 11, 13, 15d, 16, 18, 19LT, 20, 21, 25mw, 26

**Caslon No. 2 with Italic and Small Caps**

60202, 80298, 100260, 110112, 12074

**Caslon No. 3 with Italic and Small Caps**

60160, 70154, 80208, 90130, 100180, 120120, 14054, 18066, 24066  
18066-2, 6, 7, 9, 10, 11, 13, 16, 18, 20, 21, 26  
24066-7, 8, 9QX, 11mw, 13, 16, 18, 21m

**Caslon No. 3\***

180213\*-2, 6, 7, 9, 10, 11, 13, 15dv, 16, 18, 20, 21, 26  
240175\*-7, 8, 9QX, 11mw, 13, 16, 18, 21  
300113\*-7mw, 8, 13QX, 16, 18

**Caslon No. 3 Italic\***

180215\*-2, 6, 7, 9, 10, 11, 13, 16, 18, 20, 21, 26  
240177\*-7, 8, 9QX, 13, 16, 18, 21m  
300115\*-7m, 8, 9mpQXZ, 13QX, 16, 18

**Caslon No. 4\***

180115\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19LT, 20, 21, 24Q,  
25w, 26

**Caslon No. 137 with Italic and Small Caps**

70168, 80466, 90144, 100424, 110122, 120440

**Caslon Old Face with Italic and Small Caps**

60224, 80312, 9082, 100280, 11076, 11004, 120236, 140132

**Caslon Old Face\***

180169\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21,  
22T, 24, 25, 26  
2103\*-2, 6, 7, 9, 10, 11, 13, 15, 16, 18, 19LT, 20, 21, 25w, 26  
240127\*-2, 6, 7, 9, 10, 11, 13, 15dv, 16, 18, 20, 21, 25mw, 26  
300129\*-7, 8, 9Q, 11mw, 13, 16, 18, 21, 26  
36081\*-7mp, 9mpQXZ, 13QZ, 18

**Caslon Old Face Italic\***

180171\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 18, 19L, 20, 21, 22T,  
24, 25, 26  
2105\*-2, 6, 7, 9, 10, 11, 13, 14w, 15, 16, 18, 20, 21, 25w, 26  
240125\*-2, 6, 7, 9, 10, 11, 13, 15d, 16, 18, 20, 21, 25w, 26

**Caslon Bold with Italic**

5038, 60410

**Caslon Bold Condensed\***

140117\*-3R, 5D, 22, 23W, 24  
180163\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21, 22T,  
24, 25w, 26  
240119\*-2, 6, 7, 9, 10, 11, 12MW, 13, 15dv, 16, 18, 19LT, 20, 21,  
25mw, 26  
30067\*-2mw, 6, 7, 9Q, 10, 11mw, 13, 16, 18, 21, 26  
360143\*-7, 8, 9QXZ, 13, 16, 18, 21

\* One-letter matrices.

## CENTURY

### Century Expanded with Italic and Small Caps

4Δ4, 6Δ42, 7Δ58, 8Δ28, 9Δ58, 10Δ18, 11Δ104, 12Δ22, 14Δ58, 18Δ44  
18Δ44-1, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19L, 20, 21, 22T, 24,  
25w, 26

### Century Expanded\*

18Δ123\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19L, 20, 21, 22T,  
24Q, 25w, 26  
24Δ137\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26

### Century Expanded with Century Bold

6Δ94, 7Δ80, 8Δ122, 9Δ72, 10Δ112, 11Δ70, 12Δ64, 14Δ20

### Century Expanded with Century Bold Italic

10Δ226, 14Δ102

### Century Expanded with Cheltenham Bold

6Δ172, 8Δ254, 10Δ208, 12Δ140, 14Δ86

### Century Expanded with Gothic No. 16

4Δ2

### Century Bold with Italic

8Δ308, 10Δ268, 12Δ198, 14Δ124, 18Δ76, 24Δ76  
18Δ76-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19L, 20, 21, 22T, 24Q,  
25w, 26  
24Δ76-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26

### Century Bold with Century Expanded

18Δ80-1, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19L, 20, 21, 22T, 24,  
25w, 26

### Century Bold\*

18Δ133\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19L, 20, 21, 22T, 24,  
25w, 26  
24Δ107\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26  
30Δ89\*-7, 8, 9QX, 13, 16, 18, 21  
36Δ55\*-7, 8, 13X, 16, 18

### Century Bold Italic\*

18Δ173\*-2, 6, 7, 9, 10, 11, 12MW, 13, 15d, 16, 18, 20, 21, 25mw, 26  
24Δ131\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26  
30Δ91\*-7, 8, 9QXZ, 13, 16, 18, 21  
36Δ149\*-13QXZ, 16

### Century Bold Condensed\*

18Δ57\*-1, 2, 3, 4W, 5, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 17, 18, 19,  
20, 21, 22, 23W, 24, 25, 26  
24Δ57\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21, 22T,  
24, 25w, 26

### Century Bold Extra Condensed\*

30Δ75\* (Caps)-1, 6, 10, 12, 13, 16, 19, 20, 22T, 24

## CHELTENHAM

### Cheltenham with Italic and Small Caps

8Δ12, 9Δ46, 10Δ18, 11Δ48, 12Δ18, 14Δ4, 18Δ92, 24Δ92  
18Δ92-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19LT, 20, 21,  
24Q, 25w, 26  
24Δ92-2, 6, 7, 9, 10, 11, 13, 15dv, 16, 18, 20, 21, 25mw, 26

### Cheltenham\*

20Δ9\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 18, 19, 20, 21, 22T,  
24Q, 25w, 26  
24Δ101\*-2, 6, 7, 9Q, 10, 11, 13, 15dv, 16, 18, 20, 21, 25mw, 26  
30Δ55\*-2mw, 6, 7, 9Q, 11mw, 13, 16, 18, 21, 26  
36Δ43\*-7, 8, 9QXZ, 13QX, 16, 18, 21m

### Cheltenham Italic\*

20Δ17\*-2, 6, 7, 9, 10, 11, 12mw, 13, 14w, 15, 16, 18, 19LT, 20, 21,  
24Q, 25w, 26  
30Δ97\*-2mw, 6, 7, 9QXZ, 11mw, 13, 16, 18, 21, 26

\* One-letter matrices.      † See note page 57.

**Cheltenham Condensed with Cheltenham Bold Condensed**

8Δ166, 10Δ142, 12Δ94, 14Δ42

**Cheltenham Condensed\***18Δ99\*-1, 2, 5DV, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 18, 19, 20, 21,  
22, 23OW, 24, 25, 2624Δ55\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19, 20, 21, 22T, 24,  
25mw, 26

30Δ187\*-2, 6, 7, 9, 10, 11, 13, 15dv, 16, 18, 20, 21, 26

**Cheltenham Medium Condensed\***18Δ389\*-1, 2, 5DV, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17LT, 18, 19,  
20, 21, 22, 23OW, 24, 25, 2624Δ331\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15v, 16, 18, 19LT, 20, 21, 24Q,  
25w, 26

30Δ253\*-2, 6, 7, 9, 10, 11, 13, 15dv, 16, 18, 20, 21, 26

**Cheltenham Bold with Italic**

8Δ162, 8Δ60, 10Δ82, 11Δ108, 12Δ46, 14Δ30, 18Δ90, 24Δ90

18Δ90-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19T, 20, 21, 22OT,  
24Q, 25w, 26

24Δ90-2mw, 6, 7, 9Q, 10, 11mw, 13, 16, 18, 20, 21, 26

**Cheltenham Bold\***18Δ97\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19, 20, 21, 22OT, 24Q,  
25w, 26

24Δ75\*-2, 6, 7, 9Q, 10, 11, 13, 16, 18, 20, 21, 26

30Δ31\*-2mw, 6, 7, 9Q, 11mw, 13, 16, 18, 21, 26

36Δ33\*-7mp, 8, 13QX, 16, 18

**Cheltenham Bold Italic\***18Δ175\*-2, 6, 7, 9, 10, 11, 12MW, 13, 15d, 16, 18, 19LT, 20, 21,  
25mw, 26

24Δ117\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26

30Δ95\*-7, 8, 9QXZ, 13, 16, 18, 21

**Cheltenham Bold Condensed with Italic**

8Δ232, 8Δ176, 10Δ148, 12Δ98, 14Δ46, 18Δ24, 24Δ24

18Δ24-1, 2, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 18, 19, 20, 21, 22, 24,  
25, 2624Δ24-1, 2, 6, 7, 9, 10, 11, 12, 13, 15v, 16, 18, 19T, 20, 21, 22LT,  
24Q, 25w, 26**Cheltenham Bold Condensed\***18Δ59\*-1, 2, 5DV, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 17LT, 18, 19,  
20, 21, 22, 23W, 24, 25, 2624Δ123\*-1t, 2, 6, 7, 9, 10, 11, 12, 13, 15v, 16, 18, 19T, 20, 21, 22OT,  
24Q, 25mw, 26

30Δ71\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26

36Δ73\*-7, 8, 9QX, 13, 16, 18, 21

60Δ3\*(Caps)-8, 13, 16†

**Cheltenham Bold Condensed Italic\***18Δ131\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21, 22,  
24, 25, 2624Δ173\*-2, 6, 7, 9, 10, 11, 12MW, 13, 15dv, 16, 18, 19LT, 20, 21,  
25mw, 26

30Δ111\*-2, 6, 7, 9, 10, 11, 13, 16, 18, 20, 21, 26

36Δ157\*(Caps)-8, 13, 16

**Cheltenham Bold Extra Condensed\***18Δ41\*-1, 2, 3, 4W, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19,  
20, 21, 22, 23, 24, 25, 2624Δ29\*-1, 2, 3ON, 5DV, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 17LT,  
18, 19, 20, 21, 22, 23W, 24, 25w, 2630Δ7\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19, 20, 21, 22T, 24,  
25w, 2636Δ45\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19, 20, 21, 22T,  
24Q, 25w, 26

42Δ21\*(Caps)-11, 6, 10, 12, 13, 16, 19, 20, 22T, 24Q

48Δ9\*(Caps)-6, 10, 13, 16, 20†

\* One-letter matrices. † See note page 57.

**Cheltenham Bold Extra Condensed Italic\***

24Δ95\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19, 20, 21, 22, 24, 25w, 26

**Cheltenham Wide with Cheltenham Bold**

6Δ180, 8Δ156, 10Δ134, 12Δ88, 14Δ40

**CLASSIC****Classic with Century Bold**

8Δ108, 10Δ86, 12Δ58, 14Δ26

**CLEARFACE BOLD****Clearface Bold\***

24Δ199\*-2mw, 6, 7, 9, 10, 11m, 13, 16, 18, 20, 21, 26

**Clearface Bold Italic\***

24Δ201\*-2, 6, 7, 9, 10, 11, 13, 16, 18, 20, 21, 26

**CLOISTER****Cloister with Italic and Small Caps**6Δ280, 8Δ378, 10Δ312, 11Δ98, 12Δ284, 14Δ162, 18Δ14  
18Δ14-1, 2, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 17LT, 18, 19, 20, 21,  
22T, 24, 25, 26**Cloister\***18Δ263\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 18, 19, 20, 21, 22T,  
24, 25, 26

24Δ223\*-2, 6, 7, 9, 10, 11, 13, 15d, 16, 18, 20, 21, 25mw, 26

30Δ161\*-2mw, 7, 8, 9QXZ, 11m, 13, 16, 18, 21, 26

36Δ91\*-7, 8, 9QXZ, 11mw, 13Q, 16, 18, 21m

**Cloister Italic\***18Δ267\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17LT, 18, 19T, 20,  
21, 22T, 24, 25, 2624Δ225\*-2, 6, 7, 9, 10, 11, 13, 14mw, 15d, 16, 18, 19LT, 20, 21,  
25w, 26

30Δ163\*-2m, 6, 7, 9, 11m, 13, 16, 18, 21, 25mw, 26

**Cloister Wide with Bold**

6Δ276, 8Δ374, 10Δ306, 12Δ280, 14Δ158

**Cloister Bold with Italic**6Δ268, 8Δ370, 10Δ302, 12Δ276, 14Δ154, 18Δ12, 24Δ12  
18Δ12-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21, 22T,  
24, 25, 26

24Δ12-2, 6, 7, 9, 10, 11, 13, 15dv, 16, 18, 19LT, 20, 21, 26

**Cloister Bold\***18Δ243\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21,  
22T, 24, 25, 26

24Δ207\*-2, 6, 7, 9, 10, 11, 13, 15dv, 16, 18, 20, 21, 26

30Δ155\*-2mw, 7, 8, 9QXZ, 11mw, 13, 16, 18, 21, 26

36Δ137\*-7, 8, 9QXZ, 13QX, 16, 18, 21

**Cloister Bold Italic\***18Δ245\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 18, 19, 20, 21, 22T,  
24, 25, 26

24Δ209\*-2, 6, 7, 9, 10, 11, 13, 15dv, 16, 18, 19LT, 20, 21, 25mw, 26

30Δ157\*-2mw, 7, 8, 9QXZ, 11mw, 13, 16, 18, 21, 26

36Δ139\*-7, 8, 9QXZ, 13, 16, 18, 21

**CORONA****Corona with Bold Face No. 2**

7½Δ28, 8Δ568, 8½Δ8, 10Δ540

**Corona with Italic and Small Caps**

7½Δ30, 8½Δ6

**Corona with Gothic**

7½Δ32

\* One-letter matrices. † See note page 57.

DE VINNE

DeVinne with Italic and Small Caps

6Δ24, 8Δ118, 9Δ4, 10Δ24, 11Δ14, 12Δ14, 14Δ84

DeVinne with Antique No. 3

6Δ28, 8Δ164, 9Δ6, 10Δ12, 11Δ16, 12Δ16, 14Δ22

DeVinne Condensed\*

30Δ83\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26

DeVinne Extra Condensed\*

24Δ27\*-1, 2, 3R, 5DV, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 17LT, 18, 19, 20, 21, 22, 23w, 24, 25w, 26

ELECTRA

Electra with Italic and Small Caps

7Δ182, 8Δ484, 9Δ160, 10Δ422, 11Δ124, 12Δ384, 14Δ216

Electra with Cursive and Small Caps

8Δ484c, 9Δ160c, 10Δ422c, 11Δ124c, 12Δ384c

Electra with Bold

8Δ548, 9Δ1114, 10Δ504, 11Δ158, 12Δ482, 14Δ276

ERBAR

Erbar Light Condensed with Bold Condensed

8Δ504, 10Δ416, 12Δ392, 14Δ210, 18Δ4  
18Δ4-1, 2, 3, 4W, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26

Erbar Light Condensed\*

18Δ353\*-1, 2, 3, 4W, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26  
24Δ299\*-1, 2, 3, 5V, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 17, 18, 19, 20, 21, 22, 23W, 24, 25, 26  
28Δ21\*-1, 2, 5DV, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 17, 18, 19, 20, 21, 22, 24, 25, 26  
34Δ13\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19, 20, 21, 22, 24, 25mw, 26  
42Δ47\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26  
48Δ17\*-7, 8, 9Q, 11mw, 13, 16, 18, 21  
54Δ3\* (Caps)-8, 13, 16  
60Δ7\* (Caps)-8, 13, 16†

Erbar Medium Condensed with Light Condensed

18Δ88-1, 2, 3, 4W, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26  
24Δ88-1, 2, 3, 5V, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 17, 18, 19, 20, 21, 22, 23W, 24, 25, 26

Erbar Medium Condensed\*

18Δ391\*-1, 2, 3, 4W, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26  
24Δ353\*-1, 2, 3, 5V, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 17, 18, 19, 20, 21, 22, 23W, 24, 25, 26  
28Δ23\*-1, 2, 5DV, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 17, 18, 19, 20, 21, 22, 24, 25w, 26  
34Δ15\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15dv, 16, 18, 19, 20, 21, 22, 24Q, 25mw, 26  
42Δ59\*-6, 7, 9, 10, 11mw, 13, 16, 18, 20†, 21, 26

Erbar Bold Condensed with Light Condensed

18Δ56-1, 2, 3, 4W, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26  
24Δ56-1, 2, 3R, 5V, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 17, 18, 19, 20, 21, 22, 23W, 24, 25w, 26

\*One-letter matrices.

**Erbar Bold Condensed\***

18Δ351\*-1, 2, 3, 4W, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19,  
20, 21, 22, 23, 24, 25, 26  
24Δ295\*-1, 2, 3R, 5V, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 17, 18, 19,  
20, 21, 22, 23w, 24, 25w, 26  
28Δ19\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19, 20, 21, 22, 24,  
25mw, 26  
34Δ11\*-2, 6, 7, 9, 10, 11, 12MW, 13, 16, 18, 19, 20, 21, 26  
42Δ49\*-7, 8, 9Q, 13, 16, 18, 21  
48Δ15\*-7m, 8, 13, 16, 18  
54Δ5\* (Caps)-8, 10Q, 16f  
60Δ9\* (Caps)-13, 16f

**Erbar Bold Condensed No. 1\***

48Δ19\* (Caps)-13, 16

**ESTIENNE****Estienne with Italic and Small Caps**

8Δ446, 10Δ408, 12Δ380, 14Δ202

**Estienne\***

16Δ17\*-1, 2, 5DV, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17LT, 18, 19,  
20, 21, 22, 24, 25, 26  
18Δ355\*-1fW, 2, 6, 7, 9, 10, 11, 12W, 13, 14, 15, 16, 18, 19, 20, 21,  
22T, 24, 25, 26

**EXCELSIOR****Excelsior with Italic and Small Caps**

5Δ40, 5½Δ50, 6Δ320, 7½Δ8, 9Δ134, 10Δ386, 11Δ120, 12Δ534, 14Δ218

**No. 1 Excelsior with Italic and Small Caps**

7Δ140, 8Δ432

**No. 2 Excelsior with Italic and Small Caps**

7Δ142

**Excelsior with Bold Face No. 2**

5Δ32, 5½Δ48, 6Δ314, 7½Δ6, 7¾Δ2, 9Δ136, 10Δ380, 11Δ128, 12Δ378,  
14Δ214

**No. 1 Excelsior with Bold Face No. 2**

7Δ138, 8Δ424

**No. 2 Excelsior with Bold Face No. 2**

7Δ136

**Excelsior with Gothic No. 3**

5Δ36, 5½Δ54, 6Δ366

**No. 1 Excelsior with Gothic No. 3**

7Δ156

**No. 2 Excelsior with Gothic No. 3**

7Δ158, 8Δ468

**Excelsior with Memphis Bold**

6Δ426, 7Δ190, 7½Δ24, 8Δ502, 9Δ166, 10Δ466, 11Δ150, 12Δ488,  
14Δ252

**FAIRFIELD****Fairfield with Italic and Small Caps**

6Δ476, 8Δ538, 9Δ174, 10Δ500, 11Δ146, 12Δ508, 14Δ282

**FRANKLIN GOTHIC****Franklin Gothic\***

18Δ399\*-2, 6, 7, 9, 10, 11, 12MW, 13, 16, 18, 19LT, 20, 21, 24QS, 26  
24Δ351\*-7, 8, 9Q, 11mw, 13, 16, 18, 21, 26s

**GARAMOND****Garamond with Italic and Small Caps**

6Δ274, 8Δ372, 9Δ102, 10Δ304, 11Δ96, 12Δ278, 14Δ156

\* One-letter matrices.

**Garamond\***

18Δ265\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21,  
 22T, 24, 25w, 26  
 24Δ227\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26  
 30Δ165\*-7, 8, 9QX, 11mw, 13, 16, 18, 21, 26  
 36Δ93\*-7m, 13QX, 18

**Garamond Italic\***

18Δ269\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21,  
 22T, 24, 25w, 26  
 24Δ229\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26  
 30Δ167\*-7, 8, 9QX, 11mw, 13, 16, 18, 21, 26

**Garamond Bold with Italic**

6Δ286, 8Δ380, 10Δ314, 12Δ286, 14Δ164, 18Δ22, 24Δ22  
 18Δ22-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21, 22T,  
 24, 25w, 26  
 24Δ22-6, 7, 9QX, 10, 11mw, 13, 16, 18, 20, 21, 26

**Garamond Bold\***

18Δ277\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21,  
 22T, 24, 25w, 26  
 24Δ235\*-6, 7, 9QX, 10, 11mw, 13, 16, 18, 20, 21, 26  
 30Δ173\*-7, 8, 9QX, 13, 16, 18, 21  
 36Δ97\*-13QX, 18

**Garamond Bold Italic\***

18Δ279\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21,  
 22T, 24, 25w, 26  
 24Δ237\*-6, 7, 9QX, 11mw, 13, 16, 18, 20, 21, 26  
 30Δ175\*-7, 8, 9QX, 13, 16, 18, 21

**Garamond No. 3 with Italic and Small Caps**

6Δ398, 7Δ172, 8Δ478, 9Δ152, 10Δ440, 11Δ126, 12Δ454, 14Δ236,  
 18Δ62  
 18Δ62-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21, 22T,  
 24, 25w, 26

**Garamond No. 3\***

18Δ425\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21,  
 22T, 24, 25w, 26

**Garamond Bold No. 3 with Italic and Small Caps**

6Δ396, 7Δ174, 8Δ476, 9Δ154, 10Δ436, 11Δ130, 12Δ452, 14Δ228,  
 18Δ58, 24Δ58  
 18Δ58-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21, 22T,  
 24, 25w, 26  
 24Δ58-2, 6, 7, 9, 10, 11, 13, 16, 18, 20, 21, 26

**Garamond Bold No. 3\***

18Δ401\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21, 22T,  
 24, 25w, 26  
 24Δ399\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26  
 30Δ261\*-7, 8, 9QX, 11mw, 13, 16, 18, 21m

**Garamond Bold No. 3 Italic\***

18Δ415\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21, 22T,  
 24, 25w, 26

**GOTHICS****Franklin Gothic\***

18Δ399\*-2, 6, 7, 9, 10, 11, 12MW, 13, 16, 18, 19LT, 20, 21, 24QS, 26  
 24Δ351\*-7, 8, 9Q, 11mw, 13, 16, 18, 21, 26s

**Gothic Condensed No. 1\***

8Δ69\*, 10Δ69\*, 11Δ17\*, 14Δ5\*, 18Δ33\*  
 18Δ33\*-1, 2, 3, 4W, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17T, 18, 19,  
 20, 21, 22, 23W, 24, 25, 26

\* One-letter matrices.      † See note page 57.

**Gothic Condensed No. 2\***

6Δ53\*, 8Δ39\*, 10Δ41\*, 12Δ17\*, 14Δ3\*, 18Δ1\*, 24Δ21\*, 30Δ3\*,  
 36Δ23\*, 42Δ27\*  
 18Δ1\*-1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20,  
 21, 22, 23, 24, 25, 26  
 24Δ21\*-1, 2, 3, 4W, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19,  
 20, 22, 23W, 24, 25, 26  
 30Δ3\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21, 22T,  
 24S, 25w, 26  
 36Δ23\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19, 20, 21, 22T, 24,  
 25w, 26  
 42Δ27\* (Caps)-6, 10, 12MW, 13, 16, 19LT, 20

**Gothic Condensed No. 2 Duplicate**

8Δ570, 10Δ532

**Gothic No. 3 with 11 Point Gothic Condensed No. 1**

10Δ102

**Gothic Condensed No. 3\***

24Δ59\* (Caps)-1, 3, 4, 5, 6, 10, 12, 13, 16, 17, 19, 20, 22, 23, 24  
 28Δ5\* (Caps)-1, 3, 4MW, 5, 6, 10, 12, 13, 16, 17, 19, 20, 22, 23W, 24  
 30Δ1\* (Caps)-1, 3, 4W, 5, 6, 10, 12, 13, 16, 17, 19, 20, 22, 23, 24  
 34Δ3\* (Caps)-1, 3, 4W, 5D, 6, 10, 12, 13, 16, 17LT, 19, 20, 22, 23W,  
 24  
 36Δ1\*-1, 2, 5DV, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 17LT, 18, 19,  
 20, 21, 22, 23MW, 24, 25w, 26  
 48Δ3\* (Caps)-8, 10, 12MW, 13, 16, 19L, 20, 22ST, 24QS  
 60Δ5\* (Caps)-6†, 10, 13, 16, 20†

**Gothic No. 3 Duplicate**

5Δ42

**Gothic Condensed No. 4\***

30Δ151\* (Caps)-1, 3, 4W, 5, 6, 10, 12, 13, 16, 17, 19, 20, 22, 23, 24  
 42Δ25\* (Caps)-1†, 6, 10, 12, 13, 16, 19, 20, 22, 24

**Gothic No. 5 with Gothic Condensed No. 1**

12Δ30

**Gothic No. 13 with Cheltenham Bold Condensed**

8Δ318, 10Δ286, 12Δ242, 14Δ136, 18Δ36, 24Δ36  
 18Δ36-1, 2, 3R, 5DV, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 17LT, 18,  
 19, 20, 21, 22, 23W, 24, 25, 26  
 24Δ36-1†, 2, 6, 7, 9, 10, 11, 12, 13, 15v, 16, 18, 19, 20, 21, 22T, 24,  
 25w, 26

**Gothic No. 13 with DeVince Condensed**

12Δ102, 14Δ48

**Gothic No. 13 with 12 Point Gothic No. 16**

18Δ98-1, 2, 3, 4QW, 5D, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19,  
 20, 21, 22, 23W, 24, 25, 26

**Gothic No. 13 with 14 Point Gothic No. 16**

24Δ100-1†, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19, 20, 21, 22T, 24,  
 25w, 26

**Gothic No. 13 with Memphis Extra Bold Condensed**

18Δ120-1, 2, 3R, 4QW, 5D, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 17LT,  
 18, 19, 20, 21, 22, 23W, 24, 25, 26  
 24Δ120-1†, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19LT, 20, 21, 22T,  
 24Q, 25w, 26

**Gothic No. 13\***

12Δ57\*, 14Δ61\*, 18Δ63\*, 24Δ51\*, 30Δ59\*, 36Δ61\*, 48Δ21\*  
 18Δ65\*-1, 2, 3, 5D, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20,  
 21, 22, 23W, 24, 25, 26  
 24Δ51\*-1†, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19, 20, 21, 22T, 24,  
 25w, 26  
 30Δ59\*-1†, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19L, 20, 21, 22T,  
 24Q, 25w, 26  
 36Δ61\*-2mw†, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26  
 48Δ21\* (Caps)-13, 16†

\* One-letter matrices. † See note page 57.

**Gothic No. 14\***

18Δ43\*-1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20,  
21, 22, 23, 24, 25, 26  
28Δ1\* (Caps)-1, 3, 4W, 5, 6, 10, 12, 13, 16, 17, 19, 20, 22, 23, 24  
34Δ1\* (Caps)-1, 3X, 5D, 6, 10, 12, 13, 16, 17, 19, 20, 22, 23W, 24  
36Δ3\* (Caps)-1, 6, 10, 12, 13, 16, 19, 20, 22, 24  
42Δ1\* (Caps)-1, 6, 10, 12, 13, 16, 19, 20, 22T, 24S  
48Δ1\* (Caps)-6, 10, 12MW, 13, 16, 19LT, 20, 24QS  
54Δ1\* (Caps)-6, 10, 12MW, 13, 16, 19LT, 20  
60Δ1\* (Caps)-6, 10, 13, 16, 20†

**Gothic No. 16 with Century Bold**

18Δ124-1, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19L, 20, 21, 22T, 24Q,  
24Δ124-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26

**Gothic No. 16 with Cheltenham Bold**

8Δ320, 10Δ288, 12Δ244, 14Δ138, 18Δ34, 24Δ34  
18Δ34-1, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19, 20, 21, 22T, 24Q,  
25w, 26  
24Δ34-2mw†, 6, 7, 9Q, 10, 11mw, 13, 16, 18, 20†, 21, 26

**Gothic No. 16 with Title No. 4**

8Δ206, 10Δ156, 12Δ104, 14Δ50

**Gothic No. 16\***

10Δ139\*, 12Δ163\*, 14Δ119\*, 18Δ179\*, 24Δ139\*, 30Δ93\*, 36Δ59\*  
18Δ179\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19, 20, 21, 22T,  
24QS, 25w, 26  
24Δ139\*-2mw†, 6, 7, 9, 10, 11mw, 13, 16, 18, 20†, 21, 26  
30Δ93\*-7, 8, 9Q, 13, 16, 18, 21  
36Δ59\*-8, 13, 16, 18

**Gothic No. 18\***

12Δ65\*, 14Δ33\*, 18Δ71\*, 24Δ53\*  
18Δ71\*-1, 2, 3, 4W, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19,  
20, 21, 22, 23W, 24, 25, 26  
24Δ53\*-1, 2, 5DV, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20,  
21, 22, 24, 25w, 26

**Gothic No. 29\***

18Δ139\* (Caps)-6, 10, 13, 16, 19LT, 20

**Gothic No. 29a\***

18Δ145\* (Caps)-1†, 6, 10, 12, 13, 16, 19, 20, 22, 24

**Gothic No. 30\***

18Δ141\* (Caps)-6, 10, 13, 16, 19LT, 20

**Gothic No. 30a\***

18Δ147\* (Caps)-1†, 6, 10, 12, 13, 16, 20, 22, 24

**Gothic No. 31\***

18Δ149\* (Caps)-6, 10, 13, 16, 20

**Gothic No. 38\***

10Δ115\*, 12Δ115\*, 12Δ129\*, 14Δ87\*, 18Δ251\*, 24Δ215\*  
18Δ251\*-2, 6, 7, 9, 10, 1, 3, 5dv, 16, 18, 20, 21, 26  
24Δ215\*-7, 8, 9Q, 11mw, 13, 16, 18, 21, 26s

**Market Gothic\***

6Δ131\*

**GRANJON****Granjon with Italic and Small Caps**

6Δ372, 8Δ386, 9Δ142, 10Δ318, 11Δ102, 12Δ288, 14Δ170

**Granjon\***

18Δ301\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 17LT, 18, 19, 20,  
21, 22T, 24, 25, 26  
21Δ19\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21, 22T,  
24Q, 25w, 26  
24Δ321\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26

\* One-letter matrices. † See note page 57.

**Granjon Italic\***

18Δ303\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 17LT, 18, 19, 20, 21,  
 22, 24, 25, 26  
 21Δ23\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21,  
 22T, 24, 25, 26  
 24Δ323\*-2, 6, 7, 9, 10, 11, 13, 15d, 16, 18, 19LT, 20, 21, 25mw, 26

**Granjon with Bold**

6Δ306, 8Δ418, 9Δ176, 10Δ376, 11Δ114, 12Δ316, 14Δ192

**IONIC****Ionic No. 5 with Italic and Small Caps**

5Δ26, 5½Δ44, 6Δ302, 6¼Δ6, 6¾Δ4, 7Δ126, 7½Δ4, 8Δ384, 9Δ116,  
 10Δ390, 12Δ320

**Ionic No. 5 with Bold Face No. 2**

5Δ24, 5½Δ42, 6Δ288, 6¾Δ2, 6¾Δ2, 7Δ122, 7½Δ2, 8Δ382, 9Δ112,  
 10Δ392, 12Δ368

**Ionic No. 5 with Gothic No. 16**

5½Δ64

**Ionic Condensed\***

18Δ287\*-1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20,  
 21, 22, 23, 24, 25, 26  
 24-243\*-1, 2, 3R, 5D, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 17LT, 18,  
 19, 20, 21, 22, 23W, 24, 25W, 26  
 30Δ185\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19L, 20, 21, 22T, 24,  
 25mw, 26  
 36Δ99\*-2mw, 6, 7, 9, 10, 11mw, 12MW, 13, 16, 18, 19LT, 20, 21, 26

**JANSON****Janson with Italic and Small Caps**

8Δ436, 9Δ160, 10Δ388, 11Δ118, 12Δ318, 14Δ178

**LATIN CONDENSED****Latin Condensed\***

18Δ37\*-1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20,  
 21, 22, 23, 24, 25, 26  
 21Δ1\* (Caps)-1, 3, 4W, 5, 6, 10, 12, 13, 16, 17, 19, 20, 22, 23W, 24  
 24Δ25\* (Caps)-1, 3R, 5D, 6, 10, 12, 13, 16, 17L, 19, 20, 22, 23W, 24  
 30Δ9\* (Caps)-1, 6, 10, 12, 13, 16, 19, 20, 22T, 24  
 36Δ85\* (Caps)-6, 10, 13, 16, 19L, 20

**Latin Extra Condensed\***

30Δ127\* (Caps)-1, 3, 5D, 6, 10, 12, 13, 16, 17, 19, 20, 22, 23W, 24

**LINING FACES**

See pages 58 and 59.

**LINO TEXT****Lino Text\***

8Δ151\*, 10Δ125\*, 12Δ109\*, 14Δ95\*, 18Δ285\*, 24Δ417\*, 36Δ185\*  
 18Δ285\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 18, 19HL, 20, 21, 24S,  
 25, 26  
 24Δ417\*-2, 6, 7, 9, 10, 11, 13, 14mw, 15, 16, 18, 20, 21, 25w, 26  
 36Δ185\*-2mw, 7, 9QXZ, 11mw, 13, 16, 18, 21, 26s

**MARKET GOTHIC****Market Gothic\***

6Δ131\*

**MEMPHIS****Memphis Light with Bold**

6Δ322, 8Δ442, 8¾Δ4, 9Δ140, 10Δ398, 12Δ376, 14Δ200, 18Δ16  
 18Δ16\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15v, 16, 18, 19, 20, 21, 22O, 24Q,  
 25mw, 26

**Memphis Light with Italic and Small Caps**

6Δ368, 8Δ450, 10Δ414, 12Δ390, 14Δ208

\* One-letter matrices.

**Memphis Light\***

18Δ347\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15v, 16, 18, 19, 20, 21, 22O,  
24Q, 25mw, 26  
24Δ301\*-6, 7, 9Q, 11mw, 13, 16, 18, 20, 21, 26  
30Δ229\*-7, 8, 9QX, 13, 16, 18, 21  
36Δ127\*-13Q, 16, 18

**Memphis Medium with Bold**

6Δ416, 8Δ488, 10Δ454, 12Δ466, 14Δ240

**Memphis Medium with Italic and Small Caps**

6Δ326, 8Δ456, 9Δ146, 10Δ418, 12Δ398, 14Δ212, 18Δ28, 24Δ28  
18Δ28-1, 2, 6, 7, 9, 10, 11, 12, 13, 15v, 16, 18, 19, 20, 21, 22O, 24Q,  
25mw, 26  
24Δ28-6, 7, 9Q, 11mw, 13, 16, 18, 21, 26

**Memphis Medium\***

18Δ379\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15v, 16, 18, 19, 20, 21, 22O,  
24Q, 25mw, 26  
24Δ349\*-6, 7, 9Q, 11mw, 13, 16, 18, 21, 26  
30Δ271\*-7, 8, 9QX, 13Q, 16, 18, 21  
36Δ169\*-13QX, 16, 18

**Memphis Medium Italic\***

18Δ381\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15v, 16, 18, 19, 20, 21, 22O,  
24Q, 25mw, 26  
24Δ385\*-6, 7, 9Q, 11mw, 13, 16, 18, 21, 26  
30Δ293\*-7m, 8, 9mQX, 13Q, 16, 18, 21m

**Memphis Bold with Light**

18Δ48-1, 2, 6, 7, 9, 10, 11, 12, 13, 15v, 16, 18, 19, 20, 21, 22O, 24Q,  
25mw, 26  
24Δ48-6, 7, 9Q, 11mw, 13, 16, 18, 21, 26

**Memphis Bold with Italic**

6Δ364-8Δ448, 9Δ148, 10Δ412, 12Δ388, 14Δ206, 18Δ20, 24Δ20  
18Δ20-1, 2, 6, 7, 9, 10, 11, 12, 13, 15v, 16, 18, 19, 20, 21, 22O, 24Q,  
25mw, 26  
24Δ20-6, 7, 9Q, 11mw, 13, 16, 18, 21, 26

**Memphis Bold with Medium**

18Δ64-1, 2, 6, 7, 9, 10, 11, 12, 13, 15v, 16, 18, 19, 20, 21, 22O, 24Q,  
25mw, 26  
24Δ64-6, 7, 9Q, 11mw, 13, 16, 18, 21, 26

**Memphis Bold\***

18Δ349\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15v, 16, 18, 19, 20, 21, 22O,  
24Q, 25mw, 26  
24Δ303\*-6, 7, 9Q, 11mw, 13, 16, 18, 21, 26  
30Δ225\*-7, 8, 9QX, 13, 16, 18, 21  
36Δ129\*-13QX, 16, 18

**Memphis Bold Italic\***

18Δ447\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15v, 16, 18, 19, 20, 21, 22O,  
24Q, 25mw, 26  
30Δ307\*-7m, 8, 9mQX, 13Q, 16, 18, 21m

**Memphis Extra Bold with Italic**

8Δ506, 10Δ444, 12Δ458, 14Δ234, 18Δ52  
18Δ52-2, 6, 7, 9, 10, 11, 12MW, 13, 15dv, 16, 18, 19LT, 20, 21, 26

**Memphis Extra Bold with Gothic No. 16**

8Δ564, 10Δ528, 12Δ532, 14Δ290, 18Δ112, 24Δ112  
18Δ112-2, 6, 7, 9, 10, 11, 12MW, 13, 16, 18, 19LT, 20, 21, 26  
24Δ112-7, 8, 9QX, 11mw, 13, 16, 18, 21

**Memphis Extra Bold\***

18Δ357\*-2, 6, 7, 9, 10, 11, 12MW, 13, 15dv, 16, 18, 19LT, 20, 21, 26  
24Δ333\*-7, 8, 9QX, 13, 16, 18, 21  
30Δ277\*-7, 13, 16, 18

**Memphis Extra Bold\* (Normal Position)**

24Δ389\*-7, 8, 9QX, 13, 16, 18, 21

\* One-letter matrices.

*Useful Matrix Information*

**Memphis Medium Condensed with Bold Condensed**  
10Δ488, 12Δ480, 14Δ260

**Memphis Medium Condensed with Extra Bold Condensed**  
8Δ554, 10Δ494, 12Δ502, 14Δ268

**Memphis Medium Condensed\***

18Δ409\*-1, 2, 3R, 5D, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 17LT, 18,  
19, 20, 21, 22, 23W, 24, 25w, 26

24Δ365\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19LT, 20, 21, 22LT,  
24Q, 25w, 26

30Δ289\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26

36Δ163\*-6, 7, 9, 11mw, 13, 16, 18, 21, 26k

**Memphis Bold Condensed\***

18Δ407\*-1, 2, 3R, 5D, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 17LT, 18,  
19, 20, 21, 22, 23W, 24, 25w, 26

24Δ363\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19LT, 20, 21, 22LT,  
24Q, 25w, 26

30Δ287\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26

36Δ163\*-6, 7, 9, 11mw, 13, 16, 18, 21, 26k

**Memphis Bold Condensed with Medium Condensed**

18Δ68-1, 2, 3R, 5D, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 17LT, 18, 19,  
20, 21, 22, 23W, 24, 25w, 26

24Δ68-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19LT, 20, 21, 22LT,  
24Q, 25w, 26

**Memphis Extra Bold Condensed with Medium Condensed**

18Δ70-1, 2, 3R, 5D, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 17LT, 18, 19,  
20, 21, 22, 23W, 24, 25w, 26

24Δ70-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19LT, 20, 21, 22LT,  
24Q, 25w, 26

**Memphis Extra Bold Condensed with Gothic No. 13**

8Δ562, 10Δ520, 12Δ530, 14Δ288, 18Δ110, 24Δ110

18Δ110-1, 2, 3R, 4QW, 5D, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 17LT,  
18, 19, 20, 21, 22, 23w, 24, 25, 26

24Δ110-1H, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19LT, 20, 21, 22T,  
24Q, 25w, 26

**Memphis Extra Bold Condensed with Bodoni Bold Cond.**

30Δ98 (Caps)-6, 10, 13, 16, 20

**Memphis Extra Bold Condensed\***

18Δ411\*-1, 2, 3R, 5D, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 17LT, 18,  
19, 20, 21, 22, 23W, 24, 25w, 26

24Δ367\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19LT, 20, 21, 22LT,  
24Q, 25w, 26

30Δ291\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26

36Δ167\*-6, 7, 9, 11mw, 13, 16, 18, 21, 26k

#### METRO

**Metrolite No. 2 with Metroblack No. 2**

6Δ442, 8Δ520, 10Δ482, 12Δ492, 14Δ258, 18Δ74

18Δ74-1, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19, 20, 21, 22T, 24Q,  
25mw, 26

**Metrolite No. 2 with Italic**

6Δ438, 8Δ516, 10Δ478, 12Δ478, 14Δ256, 18Δ50, 24Δ50

18Δ50-1, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19, 20, 21, 22T, 24Q,  
25mw, 26

24Δ50-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26

**Metrolite No. 2\***

18Δ331\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19, 20, 21, 22T, 24Q,  
25mw, 26

24Δ283\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26

30Δ211\*-7, 8, 9QXZ, 13, 16, 18, 21

36Δ117\*-19QX, 16, 18

\* One-letter matrices.

**Metroline\***

18Δ235\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19, 20, 21, 22T, 24Q,  
25mw, 26  
24Δ269\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26  
30Δ197\*-7, 8, 9QXZ, 13, 16, 18, 21  
36Δ105\*-13QX, 16, 18

**Metroline No. 4 Italic\***

24Δ327\*-2, 6, 7, 9, 10, 11, 13, 15dv, 16, 18, 19T, 20, 21, 25mw, 26  
30Δ247\*-2mw, 6, 7, 9Q, 11mw, 13, 16, 18, 21, 26

**Metromedium No. 2 with Metrothin No. 2**

6Δ312, 8Δ428, 10Δ384, 12Δ366, 14Δ198, 18Δ6, 24Δ6  
18Δ6-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21, 22T,  
24, 25, 26  
24Δ6-2mj, 6, 7, 9, 10, 11m, 13, 16, 18, 20, 21, 26

**Metromedium with Metrothin**

6Δ300, 8Δ414, 10Δ370, 12Δ308, 14Δ186

**Metrothin No. 2\***

18Δ305\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21, 22T,  
24, 25, 26  
24Δ287\*-2m, 6, 7, 9, 10, 11m, 13, 16, 18, 20, 21, 26  
30Δ215\*-6, 7, 9QX, 11mw, 13, 16, 18, 21, 26  
36Δ121\*-7, 8, 9QXZ, 13Q, 16, 18, 21

**Metrothin\***

18Δ259\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21, 22T,  
24, 25, 26  
24Δ275\*-2m, 6, 7, 9, 10, 11m, 13, 16, 18, 20, 21, 26  
30Δ205\*-6, 7, 9QX, 11mw, 13, 16, 18, 21, 26  
36Δ111\*-7, 8, 9QXZ, 13Q, 16, 18, 21

**Metrothin No. 4 Italic\***

24Δ325\*-2m, 6, 7, 9, 10, 11m, 13, 16, 18, 20, 21, 26  
30Δ249\*-6, 7, 9QX, 11mw, 13, 16, 18, 21, 26

**Metromedium No. 2 with Italic**

6Δ392, 8Δ494, 10Δ462, 12Δ464, 14Δ246, 18Δ54, 24Δ54  
18Δ54-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21, 22T,  
24, 25, 26  
24Δ54-2mj, 6, 7, 9, 10, 11m, 13, 16, 18, 20, 21, 26

**Metromedium No. 2\***

18Δ333\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21, 22T,  
24, 25, 26  
24Δ285\*-2mj, 6, 7, 9, 10, 11m, 13, 16, 18, 20, 21, 26  
30Δ213\*-6, 7, 9QX, 11mw, 13, 16, 18, 21, 26  
36Δ119\*-7, 8, 9QXZ, 13Q, 16, 18, 21

**Metromedium\***

18Δ257\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21, 22T,  
24, 25, 26  
24Δ205\*-2mj, 6, 7, 9, 10, 11m, 13, 16, 18, 20, 21, 26  
30Δ203\*-6, 7, 9QX, 11mw, 13, 16, 18, 21, 26  
36Δ109\*-7, 8, 9QXZ, 13Q, 16, 18, 21

**Metromedium No. 2 Italic\***

18Δ423\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21, 22T,  
24, 25, 26  
24Δ371\*-2mj, 6, 7, 9, 10, 11m, 13, 16, 18, 20, 21, 26  
30Δ309\*-2mw, 6, 7, 9QX, 11mw, 13, 16, 18, 21, 26  
36Δ183\*-7m, 8, 9mpQXZ, 13Q, 16, 18, 21m

**Metroblack No. 2 with Metroline No. 2**

6Δ310, 8Δ426, 10Δ382, 12Δ364, 14Δ196, 18Δ8, 24Δ8  
18Δ8-1, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19, 20, 21, 22T, 24Q,  
25mw, 26  
24Δ8-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26

**Metroblack with Metroline**

6Δ298, 8Δ410, 10Δ364, 12Δ302, 14Δ180

\* One-letter matrices. † See note page 57.

**Metroblack No. 2 with Italic**

60434, 80512, 100476, 120476, 140250, 18046, 24046  
 18046-1, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19, 20, 21, 22T, 24Q,  
 25mw, 26  
 24046-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26

**Metroblack No. 2\***

180329\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19, 20, 21, 22T, 24Q,  
 25mw, 26  
 240281\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26  
 300208\*-7, 8, 9QXZ, 13, 16, 18, 21  
 360115\*-13QX, 16, 18  
 42067\* (Caps)-Pi

**Metroblack\***

180321\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19, 20, 21, 22T, 24Q,  
 25mw, 26  
 240267\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26  
 300193\*-7, 8, 9QXZ, 13, 16, 18, 21  
 360103\*-13QX, 16, 18

**NARCISS****Narciss\***

100123\*, 120127\*, 14085\*, 180249\*, 2107\*, 240211\*, 300159\*,  
 36089\*  
 180249\*-11, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19, 20, 21,  
 22, 24, 25w, 26  
 2107\*-2mw, 6, 7, 9, 10, 11, 13, 16, 18, 19LT, 20, 21, 25mw, 26  
 240211\*-2mw, 6, 7, 9QX, 11mw, 13, 16, 18, 21, 26  
 300159\*-7, 8, 9QX, 13, 16, 18, 21  
 36089\*-8, 13QX, 16, 18

**Narciss\* (Normal Position)**

21025\*-2mw, 6, 7, 9, 10, 11, 13, 16, 18, 19LT, 20, 21, 25mw, 26

**NO. 1****No. 1 with Italic and Small Caps**

5½04, 602, 704, 8098, 9044, 10010, 1102, 1202

**NO. 2****No. 2 with Antique No. 2**

6050

**No. 2B with Bold Face No. 2B**

5½036

**No. 2 with Bold Face No. 1**

6070, 702, 808

**No. 2 with Bold Face No. 2**

5½02, 60186, 7086

**No. 2 with Condensed Title No. 3**

7062, 806, 100114

**No. 2 with Italic and Small Caps**

604, 7046

**No. 2 with Gothic No. 3**

606, 7030, 8070, 100162

**NO. 6****No. 6 with Gothic No. 18**

4½02

**NO. 16****No. 16 with Italic and Small Caps**

6062, 706, 8054, 9012, 10048, 12040, 14014

**No. 16 with Century Bold**

60110, 7050, 80128, 9056, 100116, 12070, 14036

**NO. 21****No. 21 with Italic and Small Caps**

60150, 7066, 80214, 9060, 100186, 11056, 120262

**OLD STYLE NO. 1****Old Style No. 1 with Italic and Small Caps**

5030, 608, 7014, 8030, 902, 1006, 1104, 1204, 14076

**Old Style No. 1 with Antique No. 1**

6014, 7048, 8050, 9048, 10044, 11022, 12026, 14024

\* One-letter matrices.

Old Style No. 1 with Cheltenham Bold  
5Δ20, 6Δ124, 8Δ218, 10Δ158, 12Δ126

Old Style No. 1 with Title No. 1  
6Δ90, 8Δ134, 10Δ120

Old Style No. 1 with Title No. 2  
8Δ196

#### OLD STYLE NO. 3

Old Style No. 3 with Italic and Small Caps  
6Δ102, 8Δ116, 10Δ98, 12Δ96

#### OLD STYLE NO. 7

Old Style No. 7 with Italic and Small Caps  
6Δ194, 7Δ96, 8Δ212, 9Δ62, 10Δ184, 10½Δ2, 11Δ58, 12Δ190, 14Δ120

Old Style No. 7\*

18Δ193\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19, 20, 21, 22T, 24,  
25w, 26

24Δ79\*-2mw½, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26

#### OPTICON

Opticon with Italic and Small Caps  
6Δ424, 7Δ180, 7½Δ16, 8Δ496, 10Δ468, 11Δ134

Opticon with Bold Face No. 2

5½Δ60, 6Δ420, 7Δ168, 7½Δ10, 8Δ482, 9Δ162, 10Δ470, 11Δ138,  
12Δ474

Opticon with Gothic No. 16  
6Δ458

Opticon with Memphis Bold  
7Δ204, 8Δ550, 10Δ538, 12Δ550

#### ORIGINAL OLD STYLE

Original Old Style with Italic and Small Caps  
6Δ88, 8Δ138, 10Δ4, 12Δ6, 14Δ2

#### OUTLINE FACES

Condensed Outline\*

10Δ101\*, 12Δ69\*, 18Δ75\*, 24Δ89\*, 30Δ53\*  
18Δ75\*-1, 2, 3, 4QW, 5, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 17L, 18,  
19, 20, 21, 22, 23W, 24, 25, 26

24Δ99\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15L, 16, 18, 19L, 20, 21, 22T, 24,  
25w, 26

30Δ53\* (Caps)-11, 6, 10, 12, 13, 16, 19L, 20, 22T, 24Q

DeVenne Outline with Bold Face No. 6  
10Δ276, 12Δ122, 14Δ80

DeVenne Outline with Italic  
12Δ108, 14Δ52

DeVenne Outline\*

18Δ183\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19L, 20, 21, 22T, 24Q,  
25mw, 26

24Δ141\*-2mw½, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26

30Δ269\*-7m, 8, 9mQX, 13, 16, 18, 21m

36Δ159\*-13Q, 16, 18

Gothic Condensed Outline\*

12Δ125\*, 18Δ247\*  
18Δ247\* (Caps)-11, 6, 10, 12, 13, 16, 19, 20, 22T, 23W, 24

#### PABST

Pabst Extra Bold with Italic

10Δ320, 12Δ292, 14Δ172, 18Δ42  
18Δ42-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26

\* One-letter matrices. † See note page 37.

**Pabst Extra Bold\***

18Δ305\*-2mw, 6, 7, 9, 10, 11m, 13, 16, 18, 20, 21, 26  
 24Δ259\*-7, 8, 9QX, 13, 16, 18, 21m

**Pabst Extra Bold\* (Normal Position)**

24Δ379\*-7, 8, 9QX, 13, 16, 18, 21m

**Pabst Extra Bold Condensed with Italic**

10Δ410, 12Δ382, 14Δ204, 18Δ72, 24Δ72  
 18Δ72-1, 2, 6, 7, 9, 10, 11, 12, 13, 14qw, 15, 16, 18, 19, 20, 21, 22T,  
 24, 25w, 26  
 24Δ72-2, 6, 7, 9, 10, 11, 13, 16, 18, 20, 21, 26

**Pabst Extra Bold Condensed with 14 Point Gothic No. 16**

18Δ78-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 19, 20, 21, 22T, 24,  
 25w, 26

**Pabst Extra Bold Condensed\***

18Δ327\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 14qw, 15, 16, 18, 19, 20, 21,  
 22T, 24, 25w, 26  
 24Δ279\*-2, 6, 7, 9, 10, 11, 13, 15dv, 16, 18, 20, 21, 26  
 30Δ207\*-6, 7, 9QX, 11mw, 13, 16, 18, 21, 26k  
 36Δ125\*-7, 8, 9QXZ, 13, 16, 18, 21m  
 42Δ61\*-13QX, 18  
 48Δ11\* (Caps)-13

**Pabst Extra Bold Condensed No. 1\***

48Δ13\* (Caps)-13

**PARAGON****Paragon with Italic and Small Caps**

6Δ390, 7Δ164, 7½Δ20, 8Δ464, 9Δ156, 10Δ448

**Paragon with Bold**

5½Δ68, 6Δ388, 7Δ162, 7½Δ18, 8Δ462, 9Δ158, 10Δ450

**POSTER BODONI****Poster Bodoni with Italic**

8Δ412, 10Δ326, 12Δ298, 14Δ174, 18Δ26, 24Δ26  
 18Δ26-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26  
 24Δ26-7, 8, 9QX, 13, 16, 18, 21m

**Poster Bodoni\***

18Δ309\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26  
 24Δ257\*-7, 8, 9QX, 13, 16, 18, 21m  
 30Δ79\*-13QX, 18  
 36Δ123\*-13qx (Caps pi)

**Poster Bodoni Italic\***

18Δ313\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26

**Poster Bodoni Compressed\***

18Δ427\*-1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20,  
 21, 22, 23, 24, 25, 26  
 24Δ381\*-1, 2, 3QR, 4QW, 5DR, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16,  
 18, 19, 20, 21, 22, 23W, 24, 25w, 26  
 30Δ283\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19LT, 20, 21, 22T,  
 24, 25w, 26  
 36Δ171\*-2, 6, 7, 9, 10, 11, 12W, 13, 15dv, 16, 18, 20, 21, 24Q, 26

**RYERSON CONDENSED****Ryerson Condensed\***

18Δ429\*-1, 2, 3, 4W, 5, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 17, 18, 19,  
 20, 21, 22, 23W, 24, 25, 26  
 24Δ395\*-1, 2, 5DV, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 17LT, 18,  
 19, 20, 21, 22, 24, 25w, 26  
 30Δ301\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15dv, 16, 18, 19, 20, 21, 22T,  
 24Q, 25mw, 26  
 36Δ141\*-2mw, 6, 7, 9, 10, 11mw, 12MW, 13, 16, 18, 19T, 20, 21, 26

\* One-letter matrices.

## SCOTCH

### Scotch with Italic and Small Caps

6Δ96, 8Δ42, 10Δ36, 11Δ10, 11½Δ2, 12Δ10, 14Δ142

### Scotch\*

18Δ195\*-2, 6, 7, 9, 10, 11, 13, 15, 16, 18, 20, 21, 25mw, 26  
24Δ171\*-2mw, 7, 8, 9QXZ, 11mw, 13, 16, 18, 21, 26  
30Δ107\*-7m, 8, 9mQXZ, 13QX, 16, 18, 21m

### Scotch Italic\*

18Δ197\*-2, 6, 7, 9, 10, 11, 13, 15g, 16, 18, 20, 21, 25w, 26

### Scotch No. 2 with Italic and Small Caps

8Δ416, 9Δ126, 10Δ374, 11Δ110, 12Δ374

## SPARTAN

### Spartan Light with Medium

6Δ488, 8Δ546, 9Δ200, 10Δ502, 12Δ514, 14Δ274

### Spartan Medium with Italic

6Δ480, 8Δ528, 9Δ98, 10Δ488, 12Δ498, 14Δ262, 18Δ106, 24Δ106  
18Δ108-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 17A, 18, 19, 20, 21, 22,  
24, 25w, 26  
24Δ106-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 19, 20, 21, 26

### Spartan Medium with Heavy

6Δ452, 8Δ558, 10Δ512, 12Δ518, 14Δ284

### Spartan Medium\*

18Δ435\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 17A, 18, 19, 20, 21, 22,  
24, 25w, 26  
24Δ399\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 19, 20, 21, 26  
30Δ311\*-6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26

### Spartan Medium Italic\*

18Δ459\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 17A, 18, 19, 20, 21, 22,  
24, 25w, 26  
30Δ313\*-6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26

### Spartan Heavy with Italic

6Δ484, 8Δ530, 9Δ96, 10Δ490, 12Δ498, 14Δ264, 18Δ102, 24Δ102  
18Δ102-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 17A, 18, 19, 20, 21, 22, 24,  
25w, 26  
24Δ102-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 19, 20, 21, 26

### Spartan Heavy with Medium

18Δ104-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 17A, 18, 19, 20, 21, 22, 24,  
25w, 26  
24Δ104-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 19, 20, 21, 26

### Spartan Heavy\*

18Δ433\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15, 16, 17A, 18, 19, 20, 21, 22,  
24, 25w, 26  
24Δ397\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 19, 20, 21, 26

### Spartan Black with Italic

6Δ454, 8Δ532, 9Δ198, 10Δ492, 12Δ500, 14Δ266, 18Δ108, 24Δ108  
18Δ108-1, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19, 20, 21, 22O, 24,  
25mw, 26  
24Δ108-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 19LZ, 20, 21, 26

### Spartan Black\*

18Δ451\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19, 20, 21, 22O, 24,  
25mw, 26

### Spartan Black Italic\*

18Δ457\*-1, 2, 6, 7, 9, 10, 11, 12, 13, 15d, 16, 18, 19, 20, 21, 22O, 24,  
25mw, 26  
24Δ415\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 19LZ, 20, 21, 26

\* One-letter matrices.

Useful Matrix Information

**Spartan Black Condensed with Italic**

10Δ534, 12Δ548, 14Δ292, 18Δ114, 24Δ114  
 18Δ114-1, 2, 3, 4W, 5, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 17, 18, 19,  
 20, 21, 22, 23W, 24, 25, 26  
 24Δ114-11, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 17T, 18, 19, 20,  
 21, 22, 24, 25w, 26

**Spartan Black Condensed\***

30Δ171\*-2mw, 6, 7, 9, 10, 11mw, 12MW, 13, 16, 18, 19, 20, 21, 26  
 36Δ111\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26

**Spartan Black Condensed with Medium Condensed**

14Δ294, 18Δ116, 24Δ116  
 18Δ116-1, 2, 3, 4W, 5, 6, 7, 9, 10, 11, 12, 13, 14w, 15, 16, 17, 18, 19,  
 20, 21, 22, 23W, 24, 25, 26  
 24Δ116-11, 2, 5DV, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 17T, 18, 19,  
 20, 21, 22, 24, 25w, 26

**Spartan Black Condensed with 14 Point Spartan Heavy**

18Δ122-1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20,  
 21, 22, 23W, 24, 25, 26

**Spartan Black Condensed with 18 Point Spartan Heavy**

24Δ122-11, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 17AT, 18, 19, 20,  
 21, 22, 24, 25w, 26

**SPARTAN DUPLICATE****Spartan Duplicate**

\* 6Δ470, 8Δ552, 9Δ106, 10Δ506

**Condensed Spartan Duplicate**

5Δ44

**TEXTYPE****Textype with Italic and Small Caps**

6Δ304, 7Δ132, 8Δ396, 9Δ122, 10Δ334, 11Δ160, 12Δ324, 14Δ220,  
 18Δ30  
 18Δ30-1, 2, 6, 7, 9, 10, 11, 12, 13, 14mw, 15, 16, 18, 19L, 20, 21, 22T,  
 24, 25w, 26

**Textype with Bold Face No. 2**

6Δ296, 7Δ100, 8Δ394, 9Δ118, 10Δ322, 12Δ310, 14Δ194

**Textype Bold with Italic**

6Δ478, 7Δ198, 8Δ540, 9Δ178, 10Δ508, 11Δ162

**VULCAN****Vulcan Bold with Italic**

10Δ360, 12Δ300, 14Δ176

**Vulcan Bold\***

18Δ311\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26  
 21Δ21\*-2mw, 6, 7, 9Q, 11mw, 13, 16, 18, 21, 26

**Vulcan Bold Italic\***

18Δ317\*-2mw, 6, 7, 9, 10, 11mw, 13, 16, 18, 20, 21, 26

\* One-letter matrices.

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**LINOTYPE FAMILIES****Code Symbols Showing Where Faces Will Run**

The following code numbers refer to the pages listing Linotype Families (pages 36 to 56). They indicate the magazines in which display faces will run.

While there are 26 code numbers required to give the complete information on the different magazines and combination of magazines in which display faces will run, there are only four numbers to look for when display faces are to run regular in the main magazines of any Linotype model.

Take an example: If the display face will run regular in the standard 90-channel magazine, it is indicated by the code symbol 1; if the display face will run regular in the standard 72-channel magazine, code symbol 6 is used. Similarly code symbol 16 is used for running regular in the wide-standard 72-channel magazine and code symbol 20 is used for the wide-standard 90-channel magazine. Any letter after a code number indicates the character is too large to run.

#### CODE SYMBOLS

- 1-90-Channel.
- 2-90-Channel. Lower case in cap channels.
- 3-90-Channel. Caps in lower case channels.
- 4-90-Channel. Caps in center channels of Diagram 6. (Regular Cap Layout.)
- 5-90-Channel. Caps in center channels of Diagram 22. (Regular Small Cap Layout.)
- 6-72-Channel.
- 7-72-Channel. Lower case in cap channels.
- 8-55-Channel.
- 9-34-Channel auxiliary. Lower case and Q, X, Z will run (Dia. 52A).
- 10-34-Channel auxiliary. Caps will run (Dia. 52-Q, X, Z pi).
- 11-28-Channel auxiliary. Lower case will run.
- 12-28-Channel auxiliary. Caps will run.
- 13-Wide 34-Channel auxiliary. Caps will run (Dia. 52-Q, X, Z pi). Lower case and Q, X, Z will run (Dia. 52A).
- 14-90-Channel. Lower case in center channels of Dia. 6. (Regular Cap Layout.)
- 15-90-Channel. Lower case in center channels of Dia. 22. (Regular Small Cap Layout.)
- 16-Wide-Standard 72-Channel.
- 17-72-Channel. Caps in lower case channels.
- 18-Wide-Standard 72-Channel. Lower case in cap channels.
- 19-Wide-Standard 72-Channel. Caps in lower case channels.
- 20-Wide-Standard 90-Channel.
- 21-Wide-Standard 90-Channel. Lower case in cap channels.
- 22-Wide-Standard 90-Channel. Caps in lower case channels.
- 23-Wide-Standard 90-Channel. Caps in center channels of Diagram 6. (Regular Cap Layout.)
- 24-Wide-Standard 90-Channel. Caps in center channels of Diagram 22. (Regular Small Cap Layout.)
- 25-Wide-Standard 90-Channel. Lower case in center channels of Diagram 6. (Regular Cap Layout.)
- 26-Wide-Standard 90-Channel. Lower case in center channels of Diagram 22. (Regular Small Cap Layout.)
- †-Indicates figures too large to run in regular channels.
- ‡-These characters can, in emergency cases, be furnished on reduced width to run in cap channels with balance of lower case.

LINING FACES AND WHERE THEY WILL RUN

(Caps, figures and points, only)

Point Size	Name of Face	90-Chan. Layout Dia. No. 98			Wide 90-Chan. Layout Dia. No. 98			28-Chan. Aux.	34-Chan. Aux.	34-Chan. Wide Aux.
		L. C.	Center	Caps	L. C.	Center	Caps			
6Δ462	Bank Gothic Light with Medium	*	*	*	*	*	*	*	*	*
	A size 6Δ464	*	*	*	*	*	*	*	*	*
	B size 6Δ466	*	*	*	*	*	*	*	*	*
	C size 6Δ468	*	*	*	*	*	*	*	*	*3
12Δ538	Bank Gothic Light with Medium	-	-	-	-	*Q*	*	*	*	*
	A size 12Δ540	-	-	-	-	*X	*	*	*	*
	B size 12Δ542	*H	*	*	*	*	*	*	*	*
	C size 12Δ544	*	*	*	*	*	*	*	*	*
	D size 12Δ546	*	*	*	*	*	*	*	*	*
6Δ212	Bold Face 9 with Gothic 31	*	*	*	*	*	*	*	*	*
	A size 6Δ218	*	*	*	*	*	*	*	*	*
	B size 6Δ216	*	*	*	*	*	*	*	*	*3
	C size 6Δ214	*	*	*	*	*	*	*	*	*3
12Δ216	Bold Face 9 with Gothic 31	-	-	*ST*	*Q*	*	*	*	*	*
	A size 12Δ222	-	-	*	*	*	*	*	*	*
	B size 12Δ220	*	*D	*	*	*	*	*	*	*
	C size 12Δ218	*	*	*	*	*	*	*	*	*
	D size 12Δ216	*	*	*	*	*	*	*	*	*
18Δ157	Bold Face 9	-	-	-	-	-	-	-	-	*
	A size 18Δ151	-	-	-	-	-	-	-	-	*
6Δ170	Gothic 25 with Gothic 26	*	*	*	*	*	*	*	*	*
	Gothic 25A with Gothic Cond. 2, 6Δ164	*	*	*	*	*	*	*	*	*3
	Gothic 25B with 8 Point Gothic Cond. 2, 6Δ166	*	*	*	*	*	*	*	*	*3
	Gothic 25C with Gothic 26C 6Δ168	*	*	*	*	*	*	*	*	*
6Δ204	Gothic 29 with Gothic 30	*	*	*	*	*	*	*	*	*
	A size 6Δ210	*	*	*	*	*	*	*	*	*3
	B size 6Δ208	*	*	*	*	*	*	*	*	*3
	C size 6Δ206	*	*	*	*	*	*	*	*	*3
12Δ208	Gothic 29 with Gothic 30	*NR*	*DV*	*	*	*	*	*	*	*
	A size 12Δ214	*	*	*	*	*	*	*	*	*
	C size 12Δ210	*	*	*	*	*	*	*	*	*
18Δ139	Gothic 29	-	-	*	*	*	*	*	*	*
	A size 18Δ145	-	-	*	*	*	*	*	*	*
18Δ141	Gothic 30	-	-	*	*	*	*	*	*	*
	A size 18Δ147	-	-	*	*	*	*	*	*	*

LINING FACES AND WHERE THEY WILL RUN—(Cont.)

(Caps, figures and points, only)

Point Size	Name of Face	90-Chan. Layout Dia. No. 98			Wide 90-Chan. Layout Dia. No. 98			28-Chan. Aux.	34-Chan. Aux.	34-Chan. Wide Aux.
		L. C.	Center	Caps	L. C.	Center	Caps			
6Δ256	Gothic 31 with Gothic 32...	*	*	*	*	*	*	*	*	*
	A size 6Δ258.....	*	*	*	*	*	*	*	*	*
	B size 6Δ260.....	*	*	*	*	*	*	*	*	*
	C size 6Δ262.....	*	*	*	*	*	*	*	*	*
12Δ268	Gothic 31 with Gothic 32...	-	-	*	*ST*Q5*	*	*	*	*	*
	A size 12Δ268.....	-	-	*	*	*	*	*	*	*
	B size 12Δ270.....	-	*D	*	*	*	*	*	*	*
	C size 12Δ272.....	*	*	*	*	*	*	*	*	*
	D size 12Δ396.....	*	*	*	*	*	*	*	*	*
18Δ140	Gothic 31.....	-	-	-	-	-	-	-	-	*
	A size 18Δ149.....	-	-	-	*	-	-	-	*	*
6Δ248	Gothic 31 with Gothic 33...	*	*	*	*	*	*	*	*	*
	A size 6Δ252.....	*	*	*	*	*	*	*	*	*
	B size 6Δ254.....	*	*	*	*	*	*	*	*	*3
	C size 6Δ270.....	*	*	*	*	*	*	*	*	*3
12Δ486	Gothic 31C with Gothic 33C.	*	*	*	*	*	*	*	*	*
6Δ236	Gothic 32 with Gothic 33...	*	*	*	*	*	*	*	*	*
	A size 6Δ238.....	*	*	*	*	*	*	*	*	*
	B size 6Δ240.....	*	*	*	*	*	*	*	*	*3
	C size 6Δ242.....	*	*	*	*	*	*	*	*	*3
12Δ250	Gothic 32 with Gothic 33...	-	-	*	*ST*Q5*	*	*	*	*	*
	A size 12Δ252.....	-	-	*	*	*	*	*	*	*
	B size 12Δ254.....	-	*D	*	*	*	*	*	*	*
	C size 12Δ256.....	*	*	*	*	*	*	*	*	*
6Δ382	Memphis Light with Memphis Bold	*	*	*	*	*	*	*	*	*
	A size 6Δ384.....	*	*	*	*	*	*	*12*	*	*3
	B size 6Δ386.....	*	*	*	*	*	*	*12*	*	*3
12Δ434	Memphis Light with Memphis Bold	*	*D	*	*	*	*	*	*	*
	A size 12Δ424.....	*	*	*	*	*	*	*	*	*
	B size 12Δ426.....	*	*	*	*	*	*	*	*	*
	C size 12Δ428.....	*	*	*	*	*	*	*	*	*
6Δ376	Metromedium with Metrothin	*	*	*	*	*	*	*	*	*3
	A size 6Δ378.....	*	*	*	*	*	*	*12*	*	*3
	B size 6Δ380.....	*	*	*	*	*	*	-	*	*3
12Δ416	Metromedium with Metrothin	*	*	*	*	*	*	*	*	*
	A size 12Δ418.....	*	*	*	*	*	*	*	*	*
	B size 12Δ420.....	*	*	*	*	*	*	*	*	*
	C size 12Δ422.....	*	*	*	*	*	*	*	*	*3

\* Will run.

- Will not run.

D, R, V, etc.—Letters indicated will not run.

3—Wide Auxiliary with narrow channels required.

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## SUGGESTED FONT SCHEMES

On the following pages are shown thirty-five different font arrangements for two-letter and display matrices, each of which is designed to meet specific requirements in the entire field of Linotype composition. The quantities suggested for each character are based on the normal frequency of use of that character in the class of work to which a given font arrangement is best adapted. The quantities suggested are the minimum which can ordinarily be used with economy, although in some cases the list of characters may be modified to suit individual requirements. Under Display font schemes note that List A faces run in standard 90-channel magazines, while List B faces run only in wide 90-channel, 72-channel or auxiliary magazines.

### TWO-LETTER FACES. 90-CHANNEL MAGAZINE

**No. 1.** For all-purpose use, such as book, catalog, advertising, newspaper and composition in small faces set wide measure. For full-length magazine. 1500 matrices.

**No. 2.** The same as No. 1, with the elimination of certain reference and other characters that are infrequently used. A good serviceable font for large or small faces in any measure. For full-length magazine. 1200 matrices.

**No. 3.** For news composition. Not suitable for book work. Quantities suggested for each character scientifically correct according to normal frequency of use in newspaper composition. For full-length magazine. 1100 matrices.

**No. 50.** Suggested for three-quarter length magazine. Similar to No. 2 font but with quantity of characters reduced for use in three-quarter length magazine. 1000 matrices.

**No. 4.** Suggested for use in split magazine straight matter or job composition in faces 10 to 14 point. Also a serviceable font for smaller faces if speed and wide measures are not essential. 790 matrices.

**No. 5.** A two-letter cap font consisting of caps, figures and points. For full- or three-quarter length magazine. 677 matrices.

**No. 6.** A cap font of Lining Gothics or other job faces to run in the magazine. See No. 21 for job font. For split magazine. 509 matrices.

**No. 7.** Provides for three complete cap fonts of Lining Gothics in one magazine. Keyboard diagram No. 98. Quantities or variety of side sorts may be changed to suit requirements. For split magazine. 1469 matrices.

**No. 7A.** Provides for cap font of Lining Gothic when same is to run in cap channels. Keyboard diagram No. 98. For split magazine. 485 matrices.

**No. 7B.** Provides for cap font of Lining Gothic when same is to run in small cap channels. Keyboard diagram No. 98. For split magazine. 514 matrices.

**No. 7C.** Provides for cap font of Lining Gothic when same is to run in lower-case channels. Keyboard diagram No. 98. For split magazine. 470 matrices.

**No. 8.** Provides for two complete cap fonts (caps and figures) of Lining Gothics in one magazine. Keyboard diagram No. 138. Quantities or variety of side sorts may be changed to suit requirements. For split magazine. 979 matrices.

**No. 8A.** Provides for cap font (caps and figures) Lining Gothic when same is to run in right side of magazine. Keyboard diagram No. 138. For split magazine. 509 matrices.

**No. 8B.** Provides for cap font (caps and figures) Lining Gothic when same is to run in left side of magazine. Keyboard diagram No. 138. For split magazine. 470 matrices.

#### **TWO-LETTER FACES. 72-CHANNEL MAGAZINE**

**No. 13.** This font is suggested for use in a full-length 72-channel magazine of a display machine where it is to be used part time on news matter. Two channels of lower-case "e" are included. 1200 two-letter matrices.

**No. 47.** For use in a three-quarter length 72-channel magazine of a display machine where it is to be used part time on news matter. Two channels of lower-case "c" are included. 900 two-letter matrices.

**No. 14.** Designed for 12- or 14-point two-letter advertising faces in 72-channel split magazine. Two channels of lower-case "e" are included. 701 two-letter matrices.

#### **DISPLAY FACES. 90-CHANNEL OR WIDE 90-CHANNEL MAGAZINE**

**No. 9.** This is an all-purpose arrangement where a large amount of composition is required. The No. 10 arrangement suggests a good font of a smaller quantity can be used. For full- or three-quarter length magazine. 770 matrices.

**No. 10.** Same as No. 9 except that quantities are reduced for split magazine. 636 matrices.

**No. 11.** Cap font for full-length magazine. 619 matrices.

**No. 12.** Cap font for split magazine. 446 matrices.

#### **DISPLAY FACES. 72-CHANNEL MAGAZINE**

**No. 17.** Suggested for use in a full- or three-quarter length 72-channel magazine on display machines, where display is to be set continuously and comparatively condensed faces are used. Two channels of lower-case "e" and 15 extra thick spaces are included. 690 matrices.

No. 15. The regular font arrangement for display faces in 72-channel split magazine. There are two channels of lower-case "e" and a channel of extra thick spaces. 565 matrices.

No. 16. A font of caps, figures and points for use in a 72-channel split magazine. 414 matrices.

#### DISPLAY FACES. 55-CHANNEL ARRANGEMENT

No. 20. Full- or three-quarter length magazine font extended display faces that run in 55-channel layout of 72-channel magazine. 653 matrices.

No. 18. Split magazine font adapted to large extended display faces which run in the 55-channel layout of 72-channel magazine. 462 matrices.

No. 19. Cap font for extended display faces which run in the 55-channel layout of 72-channel split magazine. 338 matrices.

#### DISPLAY FACES. WIDE 72-CHANNEL MAGAZINE

No. 49. The regular font arrangement for display faces in wide 72-channel magazine. There are two channels of lower-case "e" and a channel of extra thick spaces. 630 matrices.

#### TWO-LETTER OR DISPLAY FACES. JOB FONTS

No. 21 and 21A. There is no limit to the amount and variety of small jobs that can be set economically and profitably on the Linotype by means of small job fonts of matrices. This arrangement as to variety of characters and quantities of matrices is merely suggestive, and it may be varied to suit your needs. These fonts are useful for setting side heads, cards, envelope corners, and an almost unlimited variety of small jobs that would otherwise tie up a lot of expensive material.

A small 10-drawer steel cabinet (X-1587) has been especially designed for the use of matrix job fonts. Each drawer has 58 compartments, sufficient for a complete font of caps and lower case. In addition there is an undivided auxiliary drawer at the bottom for tool storage. The cabinet can be set under the sorts stacker of the machine or any location most convenient for setting and distribution without leaving the keyboard.

#### TWO-LETTER OR DISPLAY FACES. AUXILIARY MAGAZINE

No. 22. Regular font arrangement for all styles of auxiliary magazines and of all sizes of face. 289 matrices.

No. 23. A font scheme where caps and figures run in one auxiliary magazine with lower case and points in another auxiliary magazine. Can be used for both display and two-letter. 490 matrices.

#### COMBINATION FONT SCHEMES

##### 90-CHANNEL SPLIT MAGAZINE

No. 59. A set of caps and points of two-letter or display faces running in center or cap channels. Figures run pi. Keyboard diagrams No. 6, 6A, 22, 22A, 22B or 87. 360 matrices.

No. 52. A set of caps and points of two-letter or display faces running in lower-case channels. Figures run pi. Keyboard diagrams No. 6A, 22 or 87. 390 matrices.

No. 53. A set of lower case, points and caps of two-letter or display faces running in lower case and center channels, or in lower case and cap channels. Figures run pi. Keyboard diagrams No. 6, 22A or 22B. 660 matrices.

No. 54. A set of lower case, points and caps of two-letter roman with italic and small cap faces, running in lower case and center channels, or in lower case and cap channels. Figures run pi. Keyboard diagrams No. 6, 22A or 22B. 770 matrices.

#### 90-CHANNEL SPLIT AND AUXILIARY MAGAZINE

No. 24. Set of display caps, lower case and figures and points, running lower case in cap channels of 90-channel magazine with caps and figures in auxiliary magazine. 570 matrices.

No. 55. A set of display caps, lower case, figures and points, running lower case and points in left side of 90-channel magazine (Diagram No. 135), with caps and figures in auxiliary magazine. 667 matrices.

No. 56. A set of display caps, lower case, figures and points, running lower case and points in right side of 90-channel magazine (Diagram No. 135), with caps and figures in auxiliary magazine. 600 matrices.

#### 72-CHANNEL SPLIT AND AUXILIARY MAGAZINE

No. 57. A set of display caps, lower case, figures and points, running lower case and points in left side of 72-channel magazine (Diagram No. 149), with caps and figures in auxiliary magazine. 550 matrices.

No. 58. A set of display caps, lower case, figures and points, running lower case and points in right side of 72-channel magazine (Diagram No. 149), with caps and figures in auxiliary magazine. 510 matrices.

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#### 90-Channel Full Length Magazine

### 1 TWO-LETTER FACES. 1500 Matrices

#### Roman with Bold Face or Italic

KEYBOARD										SORTS	
20 a	20 n	18 A	15 N	20 1	10 #	20 ' 20 *	5 [	4 \$			
18 b	20 o	12 B	15 O	20 2	10 @	20 - 20 .	5 ]	4 +			
20 c	15 p	12 C	12 P	20 3	10 #	20   20	10 -	4 †			
20 d	10 q	15 D	8 Q	20 4	10 #	12 * 12 *	4 JE	6 1/4			
20 e	20 r	18 E	12 R	20 5	10 #	20 thin sp. 20 thin sp.	4 CE	6 3/4			
18 f	20 s	12 F	18 S	20 6	10 (	20 fig. sp. 20 fig. sp.	5 ae	6 3/4			
15 g	20 t	12 G	18 T	20 7	10 )	20 em sp. 20 em sp.	5 ce	6 3/4			
20 h	20 u	15 H	15 U	20 8	20 .	20 . 20 .	4 %	6 3/4			
20 i	12 v	15 I	10 V	20 9	20 .	20 . 20 .	5 f	6 3/4			
15 j	15 w	18 J	10 W	20 0	12 :	20 - 20 -	4 t	6 3/4			
12 k	12 x	12 K	8 X	10 \$	10 :	10 lb 10 lb					
20 l	15 y	12 L	10 Y	12 &	20 ' 20 @						
20 m	10 z	18 M	10 Z	6 ?	6 !						

1500 of J-4911 Matrices

## 90-Channel Full Length Magazine

## 1 TWO-LETTER FACES. 1500 Matrices

## Roman with Italic and Small Caps

KEYBOARD										SORTS			
20 a	10 q	12 F	12 U	20 9	8 :	Rom. with	4 (	Small					
15 b	20 r	10 G	10 V	20 0	15 ':	Italic	4 )	Caps					
20 c	20 s	12 H	10 W	10 \$	6 :	4 Z	5 fl	10 -	4 x				
20 d	20 t	12 I	8 X	8 &	16 ':	5 &	5 fl	4 %	4 x				
20 e	20 u	12 J	10 Y	8 ?	16 -	4 1	5 fl	6 @	3 A				
18 f	12 v	10 K	10 Z	8 #	20	4 2	4 :	4 (	3 ce				
15 g	12 w	12 L		8 #	10 *	4 3	4 (	4 (	4 *				
20 h	12 x	12 M	20 1	8 #	20 thin sp.	4 4	4 (	4 (	4 (				
20 i	12 y	12 N	20 2	10 #	20 fig. sp.	4 5	3 ae	4 (	4 (				
12 j	10 z	12 O	20 3	10 #	20 em sp.	4 6	3 ce	6 1/2	6 1/2				
12 k		10 P	20 4	10 (	20 .	4 7	3 ae	6 1/2	6 1/2				
20 l	12 A	8 Q	20 5	10 )	20 ..	4 8	3 CE	6 %	6 %				
20 m	10 B	12 R	20 6	20 .	20 -	4 9	6 fl	6 1/2	6 1/2				
20 n	12 C	12 S	20 7	20 .	6 ae	6 0	3 (	6 %	6 %				
20 o	12 D	12 T	20 8	10 :	10 ae	4 \$		6 %	6 %				
15 p	15 E							6 %	6 %				

1500 of J-4911 Matrices

## 90-Channel Full Length Magazine

## 2 TWO-LETTER FACES. 1200 Matrices

## Roman with Bold Face or Italic

KEYBOARD										SORTS			
20 a	20 n	16 A	12 N	18 1	5 fl	10 ':		2 1/2	2 1/2				
18 b	20 o	10 B	15 O	18 2	5 fl	16 -		2 1/2	2 1/2				
20 c	15 p	10 C	8 P	18 3	5 fl	15		2 1/2	2 1/2				
20 d	10 q	12 D	5 Q	18 4	5 fl	5 *		2 1/2	2 1/2				
20 e	20 r	18 E	12 R	18 5	5 fl	20 thin sp.		2 1/2	2 1/2				
18 f	20 s	10 F	12 S	18 6	6 (	20 fig. sp.		2 1/2	2 1/2				
15 g	20 t	10 G	14 T	18 7	6 (	20 em sp.		2 1/2	2 1/2				
20 h	20 u	12 H	10 U	18 8	15 .	20 .		2 1/2	2 1/2				
20 i	12 v	14 I	6 V	18 9	15 .	20 ..		2 1/2	2 1/2				
15 j	12 w	10 J	8 W	20 0	8 :	15 -		2 1/2	2 1/2				
12 k	10 x	8 K	5 X	10 \$	6 :	5 fl		2 1/2	2 1/2				
20 l	12 y	12 L	5 Y	8 &	12 ':	5 @		2 1/2	2 1/2				
20 m	10 z	14 M	5 Z	5 ?	5 !			2 1/2	2 1/2				

1200 of J-4911 Matrices

## 90-Channel Full Length Magazine

## 2 TWO-LETTER FACES. 1200 Matrices

## Roman with Italic and Small Caps

KEYBOARD										SORTS			
20 a	8 q	10 F	10 U	15 9	5 :	Roman	2 1/2	2 1/2					
15 b	20 r	8 G	6 V	20 0	10 ':	with Italic	2 1/2	2 1/2					
20 c	20 s	10 H	8 W	8 \$	6 :	3 Z	3 fl	2 1/2	2 1/2				
20 d	20 t	12 I	5 X	6 &	10 ':	3 &	3 fl	2 1/2	2 1/2				
20 e	20 u	10 J	6 Y	6 ?	15 -	3 1	3 fl	2 1/2	2 1/2				
18 f	12 v	6 K	4 Z	4 #	15	3 2	3 (	2 1/2	2 1/2				
14 g	12 w	10 L		4 #	10 *	3 3	3 (	2 1/2	2 1/2				
20 h	12 x	10 M	15 1	4 #	20 thin sp.	3 4	3 (	2 1/2	2 1/2				
20 i	12 y	12 N	15 2	4 #	20 fig. sp.	3 5	3 ae	2 1/2	2 1/2				
12 j	10 z	10 O	15 3	4 #	20 em sp.	3 6	3 ce	2 1/2	2 1/2				
12 k		8 P	15 4	6 (	20 .	3 7		2 1/2	2 1/2				
20 l	12 A	5 Q	15 5	6 (	20 ..	3 8		2 1/2	2 1/2				
20 m	8 B	10 R	15 6	20 .	15 -	3 9		2 1/2	2 1/2				
20 n	10 C	12 S	15 7	20 .	5 ae	3 0		2 1/2	2 1/2				
20 o	10 D	12 T	15 8	8 :	5 ce	3 \$		2 1/2	2 1/2				
15 p	15 E							2 1/2	2 1/2				

1200 of J-4911 Matrices

## 90-Channel Full Length Magazine

## 3 TWO-LETTER FACES. 1100 Matrices

Roman with Bold Face or Italic

KEYBOARD										SORTS	
20 a	18 n	15 A	14 N	20 1	8 (	20 thin sp.	3 %				
12 b	20 o	10 B	15 O	20 2	8 )	20 fig. sp.	4 %				
12 c	10 p	12 C	8 P	20 3	15 .	20 em sp.	4 %				
17 d	6 q	12 D	5 Q	20 4	15 .	20 .	4 %				
20 e	18 r	15 E	12 R	20 5	8 ;	20 ..	4 %				
12 f	20 s	9 F	15 S	20 6	6 ;	12 -	4 %				
12 g	20 t	8 G	15 T	20 7	12 '.		4 %				
18 h	12 u	12 H	9 U	20 8	5 !		4 %				
20 i	8 v	14 I	6 V	20 9	10 '.						
6 j	10 w	5 J	6 W	20 0	15 -						
8 k	8 x	6 K	4 X	10 1	10						
18 l	10 y	12 L	6 Y	4 &	5 *						
15 m	6 z	12 M	4 Z	5 ?							

1100 of J-4911 Matrices

## 90-Channel Full Length Magazine

## 3 TWO-LETTER FACES. 1100 Matrices

Roman with Italic and Small Caps

KEYBOARD										SORTS	
20 a	6 q	8 F	8 U	18 9	6 ;	*Roman	3 %				
12 b	18 r	8 G	6 V	20 0	12 '.	with Ital.	3 %				
12 c	20 s	12 H	6 W	6 8	5 !	2 n	3 %				
15 d	20 t	12 I	4 X	4 &	10 '.	2 m	3 %				
20 e	12 u	5 J	6 Y	5 ?	15 -	2 m	3 %				
12 f	8 v	6 K	4 Z	4 n	8	2 :	3 %				
12 g	8 w	12 L	18 1	4 n	5 *	2 (	3 %				
16 h	8 x	12 M	18 1	4 n	20 thin sp.	2 )	3 %				
20 i	10 y	14 N	18 2	4 m	20 fig. sp.	2 %					
6 j	6 z	14 O	18 3	4 m	20 em sp.	2 &					
8 k		8 P	18 4	8 (	20 .	Small					
18 l	14 A	5 Q	18 5	8 )	20 ..	Caps					
15 m	10 B	12 R	18 6	15 .	12 -	2 x					
15 n	12 C	14 S	18 7	15 .	4 ac	2 x					
20 o	12 D	14 T	18 8	8 ;	5 co	2 *					
10 p	16 E										

1100 of J-4911 Matrices

\*Italic figures are not supplied. If desired, they must be ordered separately.

## 90-Channel Three-Quarter Length Magazine

## 50 TWO-LETTER FACES. 1000 Matrices

Roman with Bold Face or Italic

KEYBOARD										SORTS	
16 a	16 n	15 A	14 N	15 1	8 (	16 thin sp.	3 %				
12 b	16 o	10 B	15 O	15 2	8 )	16 fig. sp.	4 %				
12 c	10 p	12 C	8 P	15 3	16 .	16 em sp.	4 %				
15 d	6 q	12 D	5 Q	15 4	16 .	16 .	4 %				
16 e	16 r	16 E	12 R	15 5	8 ;	16 ..	4 %				
12 f	16 s	9 F	15 S	15 6	6 ;	12 -	4 %				
12 g	16 t	9 G	15 T	15 7	12 '.		4 %				
16 h	12 u	12 H	9 U	15 8	5 !		4 %				
16 i	8 v	14 I	6 V	15 9	12 '.						
6 j	10 w	5 J	6 W	16 0	16 -						
8 k	8 x	6 K	4 X	10 1	10						
16 l	10 y	12 L	6 Y	4 &	5 *						
15 m	6 z	12 M	4 Z	5 ?							

1000 of J-4911 Matrices

## 90-Channel Three-Quarter Length Magazine

## 50 TWO-LETTER FACES. 1000 Matrices

## Roman with Italic and Small Caps

KEYBOARD										SORTS																																																																																																																					
16 a	6 q	8 F	8 U	14 9	6 :	*Roman	3 %	12 b	15 r	8 G	6 V	16 0	12 ':	with Ital.	3 %	12 c	16 s	10 H	6 W	6 \$	5 !	2 fl	3 %	14 d	16 t	12 I	4 X	4 &	10 -	2 ff	3 %	16 e	12 u	5 J	6 Y	5 ?	15 -	2 ff	3 %	12 f	8 v	6 K	4 Z	4 #	8 !	2 :	3 %	12 g	8 w	12 L	4 #	4 #	5 *	2 (	3 %	15 h	8 x	10 M	14 1	4 #	16 thin sp.	2 )	3 %	16 i	10 y	14 N	14 2	4 #	16 fig. sp.	2 Z	3 %	6 j	6 z	14 O	14 3	4 #	16 em sp.	2 &	Small Caps	8 k		8 P	14 4	8 (	16 -		2 x	15 l	14 A	5 Q	14 5	8 )	16 . .		2 x	14 m	10 B	12 R	14 6	15 .	12 -		2 x	14 n	10 C	14 S	14 7	15 .	5 ae		2 x	16 o	12 D	14 T	14 8	8 :			2 x	10 p	16 E						

1000 of J-4911 Matrices

\*Italic figures are not supplied. If desired, they must be ordered separately.

## 90-Channel Split Magazine

## 4 TWO-LETTER FACES. 790 Matrices

## Roman with Bold Face or Italic

KEYBOARD										SORTS																																																																																													
12 a	12 n	11 A	11 N	9 1	5 fl	4 !	2 %	10 b	12 o	9 B	12 O	9 2	5 fl	8 ':	2 %	10 c	8 p	10 C	7 P	9 3	5 fl	10	2 %	11 d	6 q	10 D	5 Q	9 4	5 fl	3 *	2 %	12 e	12 r	12 E	10 R	9 5	5 fl	12 thin sp.	2 %	10 f	12 s	9 F	12 S	9 6	6 (	12 fig. sp.	2 %	10 g	12 t	9 G	12 T	9 7	6 )	12 em sp.	2 %	12 h	8 u	10 H	7 U	9 8	12 .	12 .		12 i	7 v	11 I	6 V	9 9	12 .	12 . .		6 j	9 w	5 J	6 W	12 0	5 :	10 -		8 k	7 x	6 K	4 X	7 #	5 :			12 l	9 y	10 L	6 Y	4 &	12 -			11 m	6 z	10 M	4 Z	4 7	10 ':		

790 of J-4911 Matrices

## 90-Channel Split Magazine

## 4 TWO-LETTER FACES. 790 Matrices

## Roman with Italic and Small Caps

KEYBOARD										SORTS																																																																																																																					
12 a	6 q	8 F	6 V	6 \$	4 !	*Roman	2 %	10 b	12 r	8 G	6 W	4 &	8 ':	with Ital.	2 %	10 c	12 s	10 H	4 X	4 ?	10	2 ff	2 %	10 d	12 t	10 I	6 Y	5 #	3 *	2 ff	2 %	12 e	8 u	5 J	4 Z	5 #	12 thin sp.	2 ff	2 %	10 f	7 v	5 K		5 #	12 fig. sp.	2 :	2 %	10 g	8 w	10 L	8 1	5 #	12 em sp.	2 (	2 %	12 h	6 x	10 M	8 2	5 #	12 .	2 )	2 %	12 i	9 y	10 N	8 3	6 (	12 . .	2 Z	2 %	6 j	5 z	10 O	8 4	6 )	10 -	2 &	Small Caps	8 k		6 P	8 5	12 .	4 ae		2 x	12 l	10 A	5 Q	8 6	12 .	4 ae		2 x	10 m	8 B	10 R	8 7	5 :			2 x	12 n	10 C	10 S	8 8	5 :			2 x	12 o	10 D	12 T	8 9	12 -			2 x	8 p	12 E	6 U	10 0	10 ':			2 x

790 of J-4911 Matrices

\*Italic figures are not supplied. If desired, they must be ordered separately.

## 90-Channel Full or Three-Quarter Length Magazine

## 5 TWO-LETTER FACES. 677 Matrices

Roman with Bold Face or Italic  
Cap Font

KEYBOARD						SORTS	
15 A	12 J	12 S	16 1	16 0	16 thin sp.	8 (	3 AE
12 B	12 K	15 T	16 2	10 4	16 fig. sp.	8 )	3 CE
12 C	12 L	12 U	16 3	16 .	16 em sp.	6 :	
12 D	12 M	8 V	16 4	16 .	10 -	6 :	
15 E	12 N	10 W	16 5	10 :			
12 F	15 O	8 X	16 6	12 :			
12 G	10 P	8 Y	16 7	16 -			
12 H	8 Q	8 Z	16 8	16 .			
15 I	12 R	10 &	16 9	16 .			

677 of J-4911 Matrices

## 90-Channel Split Magazine

## 6 LINING GOTHIC FACES. 509 Matrices

Single Font

12 A	12 I	6 Q	8 Y	5 !	8 1	8 9	8 -
9 B	9 J	12 R	4 Z	12 -	8 2	10 0	8 -
9 C	7 K	12 S		6 '.	8 3	5 &	
9 D	11 L	12 T	12 .	6 '.	8 4	8 8	12 thin sp.
12 E	11 M	10 U	12 .	*12 -, .166	8 5	2 AE	12 fig. sp.
9 F	12 N	8 V	8 :	hair line	8 6	2 CE	12 em sp.
9 G	12 O	8 W	8 :	*S-, .0415	8 7	6 (	3 "
9 H	8 P	6 X	5 :	hair line	8 8	6 )	3 "

\*Leader Alignment

509 of J-4911 Matrices

## 90-Channel Split Magazine

## 7 LINING GOTHIC FACES. 1489 Matrices

Three-Font Combination (Keyboard Diagram No. 98)  
A - Cap Channels, 485 Matrices

KEYBOARD						SORTS			
12 A	12 I	8 Q	10 .		8 1	8 9	6 Z	6 -	
12 B	12 J	12 R	10 .		8 2	8 0	5 &	5 -	
12 C	8 K	12 S	12 em sp.		8 3	2 AE	6 :	5 -	
10 D	12 L	12 T	in cap X		8 4	2 CE	6 :	5 -	
12 E	12 M	10 U	channel		8 5	3 "	4 :	5 -	
12 F	12 N	8 V	*12 -, .166		8 6	3 "	4 :	*8 -, .0415	
12 G	12 O	10 W	hair line		8 7	8 4	4 (	hair line	
10 H	10 P	8 Y			8 8	8 X	4 )		

\*Leader Alignment

B - Small Cap Channels, 514 Matrices

KEYBOARD						SORTS			
12 A	12 J	12 S	12 thin sp.		5 &	8 7	4 ?	5 "	
12 B	8 K	12 T	12 fig. sp.		8 1	8 8	4 :	2 AE	
12 C	12 L	10 U	12 em sp.		8 2	8 9	4 (	2 CE	
10 D	12 M	8 V	10 .		8 3	8 0	4 )	*9 -, .0415	
12 E	12 N	10 W	10 .		8 4	3 "	8 -	hair line	
12 F	12 O	8 X	6 -		8 5	3 "	6 -	6 :	
12 G	10 P	8 Y	*12 -, .166		8 6	8 8	5 "	6 :	
10 H	8 Q	6 Z	hair line						
12 I	12 R								

\*Leader Alignment

7 LINING GOTHIC FACES. 1469 Matrices — (Continued)

C — Lower Case Channels, 470 Matrices

KEYBOARD					SORTS			
12 A	12 I	8 Q	8 Y	5 &	8 7	6 :	4 -	
12 B	12 J	12 R	6 Z	8 1	8 8	6 :	5 -	
12 C	8 K	12 S		8 2	8 9	4 :	5 -	
10 D	12 L	12 T	10 ,	8 3	8 0	4 :	5 -	
12 E	12 M	10 U	10 .	8 4	8 "	4 (	2 Æ	
12 F	12 N	8 V		8 5	8 "	4 )	2 Æ	
12 G	12 O	10 W	*10 —, .166	8 6	8 \$	6 -	*8 —, .0415	
10 H	10 P	8 X	hair line				hair line	

\*Leader Alignment

1469 of J-4911 Matrices

90-Channel Split Magazine

8 LINING GOTHIC FACES. 979 Matrices

Two-Font Combination (Keyboard Diagram No. 138)

A — Right Side of Magazine, 509 Matrices

KEYBOARD					SORTS			
12 A	12 J	12 S	8 1	8 0	12 thin space	2 Æ	3 "	
12 B	8 K	12 T	8 2	8 \$	12 figure space	2 Æ	3 "	
12 C	12 L	10 U	8 3	10 ,	12 em space	4 ?	5 -	
10 D	12 M	8 V	8 4	10 .		4 !	5 -	
12 E	12 N	10 W	8 5	0 :	*12 —, .166	4 (	8 X	
12 F	12 O	8 Y	8 6	6 :	hair line	4 )	8 Z	
12 G	10 P	5 &	8 7	6 -				
10 H	8 Q		8 8	5 :	*8 —, .0415			
12 I	12 R		8 9	5 :	hair line			

\*Leader Alignment

B — Left Side of Magazine, 470 Matrices

KEYBOARD					SORTS			
12 A	12 I	8 Q	8 Y	8 5	10 ,	2 Æ	4 )	
12 B	12 J	12 R	6 Z	8 6	10 .	2 Æ	4 -	
12 C	8 K	12 S	5 &	8 7	6 -	6 :	5 -	
10 D	12 L	12 T		8 8		6 :	5 -	
12 E	12 M	10 U	8 1	8 9	*10 —, .166	4 ?	5 "	
12 F	12 N	8 V	8 2	8 0	hair line	4 !	5 "	
12 G	12 O	10 W	8 3	8 \$		4 (	3 "	
10 H	10 P	8 X	8 4			*8 —, .0415	hair line	

\*Leader Alignment

979 of J-4911 Matrices

72-Channel Full Length Magazine

13 TWO-LETTER FACES. 1200 Matrices

Roman with Bold Face or Italic

KEYBOARD					SORTS			
20 a	20 n	18 A	16 N	18 1	18 ,	6 Z	2 Æ	
18 b	20 o	12 B	16 O	18 2	18 .	5 &	2 Æ	
20 c	15 p	12 C	12 P	18 3	8 :	5 :	2 Æ	
20 d	10 q	15 D	8 Q	18 4	18 -	4 ?	2 Æ	
40 e*	20 r	18 E	12 R	18 5	14 :	4 !	2 Æ	
18 f	20 s	12 F	18 S	18 6	20 thin space	5 (	2 Æ	
15 g	20 t	12 G	18 T	18 7	20 figure space	5 )	2 Æ	
18 h	20 u	15 H	15 U	18 8	20 em space	5 *	2 Æ	
20 i	12 v	16 I	10 V	18 9	10 — in channel 68			
15 j	15 w	15 J	10 W	20 0	14 " in channel 70			
12 k	12 x	12 K	5 X	10 \$				
20 l	12 y	12 L	8 Y					
18 m	10 z	18 M						

\*20 in first channel.

1200 of J-4911 Matrices

## 72-Channel Three-Quarter Length Magazine

## 47 TWO-LETTER FACES. 900 Matrices

Roman with Bold Face or Italic

KEYBOARD										SORTS	
16 a	16 n	15 A	14 N	14 I	15 .					4 Z	
12 b	16 o	10 B	15 O	14 2	15 .					4 &	
12 c	10 p	12 C	8 P	14 3	8 ;					4 :	
15 d	6 q	12 D	5 Q	14 4	15 -					4 ?	
32 e*	16 r	16 E	12 R	14 5	12 ' .					4 ' .	
12 f	16 s	9 F	15 S	14 6	16 thin sp.					4 (	
12 g	16 t	9 G	15 T	14 7	16 fig. sp.					4 )	
16 h	12 u	12 H	9 U	14 8	16 em sp.						
16 i	6 v	14 I	6 V	14 9	8 - in channel 68						
6 j	10 w	5 J	6 W	14 0	10 ' in channel 70						
8 k	6 x	6 K	4 X	8 \$							
16 l	10 y	12 L	6 Y								
15 m	6 z	12 M									

\*16 in first channel.

900 of J-4911 Matrices

## 72-Channel Split Magazine

## 14 TWO-LETTER FACES. 701 Matrices

Roman with Bold Face or Italic

KEYBOARD										SORTS	
10 a	10 n	10 A	10 N	10 1	10 .					5 Z	3 1/2
10 b	10 o	10 B	10 O	10 2	10 .					5 &	3 1/2
10 c	10 p	10 C	8 P	10 3	6 ;					3 :	3 1/2
10 d	6 q	10 D	4 Q	10 4	10 -					3 ?	3 1/2
20 e*	10 r	10 E	8 R	10 5	8 ' .					3 ' .	3 1/2
10 f	10 s	10 F	10 S	10 6	10 thin sp.					3 (	3 1/2
10 g	10 t	10 G	10 T	10 7	10 fig. sp.					3 )	3 1/2
10 h	10 u	9 H	8 U	10 8	10 em sp.						
10 i	6 v	10 I	5 V	10 9	10 - in channel 68						
8 j	8 w	9 J	5 W	10 0	8 ' in channel 70						
6 k	6 x	6 K	4 X	8 \$							
10 l	8 y	10 L	5 Y								
10 m	6 z	10 M									

\*10 in first channel.

701 of J-4911 Matrices

90-Channel or Wide 90-Channel  
Full or Three-Quarter Length Magazine

## 9 DISPLAY FACES (LIST A or B). 770 Matrices

14 a	12 m	12 A	11 N	10 1	3 #	10 -
10 b	14 o	9 B	12 O	10 2	3 #	8 -
10 c	8 p	10 C	7 P	10 3	3 #	8 ' .
12 d	5 q	10 D	4 Q	10 4	3 #	10 ' .
14 e	12 r	14 E	10 R	10 5	3 #	15 .
10 f	14 s	8 F	12 S	10 6	5 (	15 . .
9 g	14 t	8 G	12 T	10 7	5 )	15 thin sp.
12 h	9 u	10 H	8 U	10 8	10 .	15 fig. sp.
14 i	6 v	11 I	5 V	10 9	10 .	15 em sp.
6 j	8 w	6 J	6 W	12 0	5 :	
6 k	6 x	6 K	3 X	6 \$	6 :	
12 l	8 y	10 L	6 Y	3 &	4 ?	
10 m	5 z	10 M	4 Z	4 !	4 !	

List A Faces, 725 of J-5035 or J-5040 (Two-Letter) Matrices

List B Faces, 725 of J-5035 or J-5050 (Two-Letter) Matrices

145 of J-4911 Spaces

## 90-Channel or Wide 90-Channel Split Magazine

## 10 DISPLAY FACES (LIST A or B). 636 Matrices

12 a	10 n	8 A	8 N	6 1	3 ff	12 -
8 b	12 o	6 B	3 O	6 2	3 ff	10 -
8 c	8 p	6 C	6 P	6 3	3 ff	8 -
8 d	6 q	6 D	5 Q	6 4	3 ff	8 -
12 e	10 r	9 E	8 R	6 5	3 ff	12 -
8 f	10 s	6 F	8 S	6 6	5 (	12 -
8 g	12 t	6 G	8 T	6 7	5 (	12 thin sp.
9 h	9 u	8 H	6 U	6 8	12 -	12 em sp.
12 i	6 v	8 I	6 V	6 9	12 -	12 em sp.
6 j	7 w	6 J	7 W	10 0	5 :	
6 k	6 x	6 K	4 X	6 3	6 :	
10 l	7 y	8 L	6 Y	3 &	4 :	
8 m	6 z	6 M	4 Z	4 :	4 :	

List A Faces, 606 of J-5025 or J-5040 (Two-Letter) Matrices

List B Faces, 600 of J-5035 or J-5050 (Two-Letter) Matrices

136 of J-4911 Spaces

## 90-Channel or Wide 90-Channel Full Length Magazine

## 11 DISPLAY FACES (LIST A or B). 619 Matrices

## Cap Font

KEYBOARD						SORTS
14 A	10 K	12 U	12 I	16 .	3 ?	2 20
12 B	12 L	8 V	10 2	16 .	5 !	2 20
12 C	12 M	10 W	10 3	6 :		2 20
10 D	14 N	6 X	10 4	8 :	120 thin space	2 20
18 E	14 O	10 Y	15 5	12 -	120 em space	2 20
10 F	10 P	5 Z	10 6	12 -	120 em space	2 20
10 G	8 Q	5 &	10 7	12 -		2 20
10 H	12 R		10 8	20 -		2 20
14 I	14 S		10 9	3 (		2 20
12 J	14 T		20 0	3 )		2 20
			10 \$			2 20

List A Faces, 559 of J-5025 or J-5040 (Two-Letter) Matrices

List B Faces, 559 of J-5035 or J-5050 (Two-Letter) Matrices

160 of J-4911 Spaces

## 90-Channel or Wide 90-Channel Split Magazine

## 12 DISPLAY FACES (LIST A or B). 446 Matrices

## Cap Font

KEYBOARD						SORTS
12 A	6 K	8 U	6 1	10 .	6 ?	2 20
8 B	10 L	6 V	6 2	10 .	6 !	2 20
8 C	10 M	8 W	6 3	6 :	6 -	2 20
8 D	12 N	4 X	6 4	6 :		2 20
12 E	12 O	8 Y	6 5	10 -	112 thin space	2 20
8 F	8 P	6 Z	6 6	8 -	112 em space	2 20
8 G	6 Q	6 &	6 7	8 -	112 em space	2 20
8 H	12 R		6 8	4 (		2 20
12 I	12 S		6 9	4 )		2 20
8 J	12 T		10 0			2 20
			6 \$			2 20

List A Faces, 410 of J-5025 or J-5040 (Two-Letter) Matrices

List B Faces, 410 of J-5035 or J-5050 (Two-Letter) Matrices

136 of J-4911 Spaces

## 72-Channel Full or Three-Quarter Length Magazine

## 17 DISPLAY FACES (LIST A or B). 690 Matrices

KEYBOARD										(SORTS)
12 a	10 l	8 w	7 G	6 R	10 1	10 .				3 :
10 b	10 m	6 x	7 H	10 8	10 2	10 .				3 :
10 c	10 n	8 y	8 I	10 T	10 3	5 ;				2 ?
10 d	10 o	6 z	6 J	7 U	10 4	6 ' ;				2 (
32 e*	8 p		6 K	7 V	10 5	10 -				2 )
10 f	7 q	10 A	8 L	7 W	10 6					5 &
10 g	12 r	7 B	7 M	6 X	10 7	\$12 thin sp. in				4 '
10 h	12 s	7 C	8 N	7 Y	10 8	chan. 70 .083				3 -
12 i	12 t	7 D	8 O	6 Z	10 9	\$11 thin sp. .0277				
8 j	10 u	14 E	8 P		10 0	\$11 em sp.				
8 k	8 v	7 F	6 Q		8 4	\$15 em sp. .249				

\*10 in first channel.

List A Faces, 641 of J-5025 or J-5040 (Two-Letter) Matrices

List B Faces, 641 of J-5035 or J-5050 (Two-Letter) Matrices

‡ 49 of J-4911 Spaces

## 72-Channel Split Magazine

## 15 DISPLAY FACES (LIST A or B). 565 Matrices

KEYBOARD										(SORTS)
10 a	8 l	6 w	5 G	6 R	10 1	10 .				3 :
8 b	8 m	5 x	6 H	6 S	10 2	10 .				3 :
8 c	10 n	6 y	8 I	6 T	10 3	5 ;				2 ?
8 d	10 o	5 z	4 J	6 U	10 4	6 ' ;				2 (
20 e*	8 p		4 K	4 V	10 5	10 -				2 )
8 i	5 q	8 A	6 L	5 W	10 6					5 &
8 g	10 r	5 B	6 M	3 X	10 7	\$10 thin sp. in				4 '
8 h	10 s	5 C	6 N	4 Y	10 8	chan. 70 .083				3 -
10 i	10 t	6 D	6 O	3 Z	10 9	\$10 thin sp. .0277				
5 j	10 u	8 E	5 P		10 0	\$10 em sp.				
5 k	5 v	5 F	4 Q		8 4	\$10 em sp. .249				

\*10 in first channel.

List A Faces, 525 of J-5025 or J-5040 (Two-Letter) Matrices

List B Faces, 525 of J-5035 or J-5050 (Two-Letter) Matrices

‡ 40 of J-4911 Spaces

## 72-Channel Split Magazine

## 16 DISPLAY FACES (LIST A or B). 414 Matrices

## Cap Font

KEYBOARD										(SORTS)
10 A	7 H	10 O	7 V	10 1	10 8	3 ;				5 &
10 B	10 I	7 P	7 W	10 2	10 9	4 ' ;				3 :
10 C	7 J	7 Q	6 X	10 3	10 0					2 ?
10 D	7 K	10 R	7 Y	10 4	10 4	\$10 thin sp. .0277				2 (
10 E	10 L	10 S	6 Z	10 5	10 .	\$10 em sp.				2 )
7 F	7 M	10 T		10 6	10 .	\$10 em sp. .249				2 )
7 G	10 N	7 U		10 7	7 -					4 '

List A Faces, 384 of J-5025 or J-5040 (Two-Letter) Matrices

List B Faces, 384 of J-5035 or J-5050 (Two-Letter) Matrices

‡ 30 of J-4911 Spaces

55-Channel Arrangement  
72-Channel Full or Three-Quarter Length Magazine

20 DISPLAY FACES (LIST B). 653 Matrices

KEYBOARD					SORTS		
14 a	12 m	8 y	8 J	6 V	4 X	2 (	4 1
11 b	14 n	6 z	6 K	3 W	2 Z	2 )	4 2
13 c	14 o		10 L	6 Y	2 &	5 '	4 3
12 d	11 p	10 A	8 M			8 "	4 4
16 e	8 q	8 R	12 N	9 .	3 :	3 -	4 5
13 f	14 r	8 C	12 O	9 .	3 :		4 6
11 g	14 s	8 D	8 P	6 -	2 :		4 7
12 h	14 t	14 E	6 Q		3 !		4 8
14 i	10 u	8 F	12 R	§16 thin space			4 9
8 l	8 v	8 G	12 S	§16 en space			6 0
8 k	10 w	8 H	12 T				4 §
13 l	6 x	12 I	8 U				

621 of J-5035 or J-5050 (Two-Letter) Matrices      § 32 of J-4911 Spaces

55-Channel Arrangement  
72-Channel Split Magazine

18 DISPLAY FACES (LIST B). 462 Matrices

KEYBOARD					SORTS		
10 a	8 m	5 y	4 J	4 V	3 X	2 (	4 1
8 b	10 n	5 z	4 K	5 W	3 Z	2 )	4 2
8 c	10 o		6 L	4 Y	3 &	4 '	4 3
8 d	8 p	8 A	6 M			4 "	4 4
10 e	5 q	5 B	6 N	10 .	3 :	3 -	4 5
8 f	10 r	5 C	6 O	10 .	3 :		4 6
8 g	10 s	5 D	5 P	8 -	2 :		4 7
8 h	10 t	8 E	4 Q		3 !		4 8
10 i	8 u	5 F	6 R	§10 thin space			4 9
5 j	5 v	5 G	6 S	§10 en space			7 0
5 k	6 w	6 H	6 T				3 §
8 l	4 x	8 I	6 U				

442 of J-5035 or J-5050 (Two-Letter) Matrices      § 20 of J-4911 Spaces

55-Channel Arrangement  
72-Channel Split Magazine

19 DISPLAY FACES (LIST B). 338 Matrices

Cap Font

KEYBOARD					SORTS		
10 A	7 G	7 M	10 S	10 .	4 X	2 )	5 4
10 B	7 H	10 N	10 T	10 .	4 Z	4 '	5 5
10 C	10 I	10 O	5 U	10 -	4 &	4 "	5 6
10 D	5 J	5 P	5 V		4 :	3 -	5 7
10 E	5 K	5 Q	7 W	§10 thin space	4 :		5 8
7 F	10 L	10 R	5 Y	§10 en space	3 ?	5 !	5 9
					4 !	5 2	5 0
					3 (	5 3	4 §

318 of J-5035 or J-5050 (Two-Letter) Matrices      § 20 of J-4911 Spaces

## 49 DISPLAY FACES (LIST A or B). 630 Matrices

KEYBOARD										SORTS	
12 a	101	6 w	6 G	7 R	101	12,				3 &	2
8 b	9 m	5 x	7 H	8 S	102	12,				3 :	2
8 c	10 n	6 y	8 I	8 T	103	6 ;				3 :	2
8 d	12 o	5 z	5 J	6 U	104	10 -				3 :	2
24 e*	8 p		5 K	4 V	105	6 '				3 (	2
8 f	5 q	8 A	7 L	5 W	106					3 )	2
8 g	10 r	6 B	7 M	4 X	107	12 thin sp. in				4	2
10 h	12 s	7 C	8 N	5 Y	108	chan. 70, .083				3 -	2
12 i	12 t	7 D	8 O	4 Z	109	12 thin sp. .0277					2
5 l	10 u	10 E	6 P		120	12 em space					2
6 k	5 v	6 F	5 Q		8 \$	12 em sp. .249					2

\*12 in first channel.

List A Faces, 582 of J-5025 or J-5040 (Two-Letter) Matrices

List B Faces, 582 of J-5035 or J-5050 (Two-Letter) Matrices

148 of J-4911 Spaces

## 21 JOB FONT. 167 Matrices

"Pi" or Keyboard

Display or Roman with Bold Face or Italic

5 A	3 F	3 K	3 P	3 U	2 Z	4 3	4 8	4 .	4 :	2 (
3 B	3 G	4 L	2 Q	2 V	2 &	4 4	4 9	2 .	2 :	2 )
4 C	4 H	4 M	5 R	3 W		4 5	4 0	2 .	2 :	2 )
3 D	5 I	4 N	5 S	2 X	4 1	4 6	2 \$	2 .	2 :	4 '
7 E	3 J	5 O	6 T	2 Y	4 2	4 7	3 ,	2 .	2 :	4 '

Two-Letter: 167 of J-4911 Matrices

List A: 167 of J-5025 or J-5040 (Two-Letter) Matrices

List B: 167 of J-5035 or J-5050 (Two-Letter) Matrices

## 21A JOB FONTS. 167 Caps, 134 Lower Case

Display or Roman with Bold Face or Italic

CAPS					LOWER CASE				
5 A	4 L	3 W	4 T	2 -	7 a	6 i	2 v		
3 B	4 M	2 X	4 8	4 ' .	4 b	6 m	4 w		
4 C	4 N	2 Y	4 9	2 2 ' .	5 c	6 n	2 x		
3 D	5 O	2 Z	4 0	2 2 ' .	5 d	7 o	2 y		
4 E	3 P		2 \$	4 ' .	9 e	4 p	2 z		
3 F	4 Q	4 1	(	2 &	4 f	2 q			
3 G	3 R	4 2	)		4 g	6 r	2 s		
4 H	4 S	4 3	.		6 h	6 s	2 t		
5 I	4 T	4 4	' .		7 i	6 t	2 u		
3 J	5 U	4 5	' .		3 j	6 u	2 v		
3 K	2 V	4 6	' .		3 k		2 w		

Roman with Italic and Small Caps

CAPS					LOWER CASE				
4 A	4 N	4 1	(	5 ' .	7 a	6 n	2 s		
3 B	3 O	4 2	)	2 &	4 b	7 o	2 t		
3 C	3 P	4 3	.	2   .	4 c	2 p	2 u		
4 D	4 Q	4 4	' .	2 .	5 d	2 q	2 v		
3 E	5 R	4 5	' .	2 * .	9 e	6 r	2 w		
3 F	4 S	4 6	' .		4 f	6 s	2 x		
3 G	4 T	4 7	' .	Small	4 g	6 t	2 y		
4 H	4 U	4 8	' .	Caps	6 h	6 u	2 z		
4 I	3 V	4 9	' .	2 x	7 i	3 v			
3 J	2 W	4 0	' .	2 z	3 j	2 w			
3 K	2 X	2 \$			3 k				
4 L	2 Y				6 l				
4 M	2 Z				5 m				

Two-Letter: 301 of J-4911 Matrices

List A: 301 of J-5025 or J-5040 (Two-Letter) Matrices

List B: 301 of J-5035 or J-5050 (Two-Letter) Matrices

## 22 TWO-LETTER OR DISPLAY FACES. 289 Matrices

KEYBOARD					SORTS		
8 A	7 H	8 O	7 W	6 4	3 Q	3 &	2 1
7 B	8 I	6 P	6 Y	6 5	3 X	2 !	3 2 *
7 C	7 J	8 R		6 6	3 Z	4 -	3 3 *
7 D	5 K	8 S	\$10 em sp.	6 7	6 .	2 (	3 3 :
9 E	8 L	8 T	6 1	6 8	6 .	2 )	3 3 :
8 F	7 M	5 U	6 2	6 9	2 ?	4 -	
7 G	9 N	4 V	6 3	8 0			

Two-Letter, 289 of J-4911 Matrices

List A Faces, 279 of J-5025 or J-5040 (Two-Letter) Matrices

List B Faces, 279 of J-5035 or J-5050 (Two-Letter) Matrices

‡ 10 of J-4911 Spaces (up to and including size .267).

J-5035 (size .270 to .356)

For TWO Auxiliary Magazines

## 23 TWO-LETTER OR DISPLAY FACES. 490 Matrices

KEYBOARD					SORTS		
10 a	8 l	6 w	6 G	6 R	6 1	6 .	3 :
8 b	8 m	6 x	6 H	6 S	6 2	6 .	3 :
8 c	8 n	7 y	8 I	8 T	6 3	6 ;	3 ?
8 d	10 o	6 z	5 J	6 U	6 4	‡ figure space	3 (
10 e	8 p		5 K	4 V	6 5	‡ 8 em space	3 )
8 f	5 q	8 A	6 L	5 W	6 6		4 -
8 g	8 r	6 B	6 M	4 X	6 7		3 &
8 h	8 s	6 C	6 N	5 Y	6 8		4 '
10 i	10 t	6 D	6 O	4 Z	6 9		4 *
8 j	8 u	8 E	5 P		8 0		4 -
6 k	5 v	6 F	4 Q		6 \$		

Two-Letter: 490 of J-4911 Matrices

List A: 474 of J-5025 or J-5040 (Two-Letter) Matrices

List B: 474 of J-5035 or J-5050 (Two-Letter) Matrices

‡ 16 of J-4911 Spaces.

90-Channel Split Magazine

## 59 TWO-LETTER OR DISPLAY FACES (LIST A). 360 Matrices

Caps and Points in Cap or Center Channels of 90-Channel Magazine. Figures Pl. Keyboard Diagram No. 6 or 22

KEYBOARD					SORTS		
12 A	10 J	12 S	10 .	10 -	4 &	5 6	
10 B	8 K	12 T	10 .	5 -	5 1	5 7	
10 C	10 L	6 U	3 :	4 ' -	5 2	5 8	
10 D	10 M	6 V	6 ;	4 *	5 3	5 9	
12 E	12 N	6 W	3 ?		5 4	8 0	
10 F	8 O	5 X	3 !		5 5	3 \$	
10 G	8 P	8 Y	2 (				
10 H	6 Q	5 Z	3 )				
8 I	12 R						

Two-Letter: 360 of J-4911 Matrices. List A: 360 of J-5025 or J-5040 (Two-Letter) Matrices

## 90-Channel Split Magazine

52

## TWO-LETTER OR DISPLAY FACES (LIST A). 390 Matrices

Caps and Points in Lower Case Channels of 90-Channel Magazine. Figures Pl. Keyboard Diagram No. 6 or 22

KEYBOARD				SORTS			
12 A	10 J	12 S	10 .	4 &	5 7	3 ?	
10 B	8 K	12 T	10 .	5 1	5 8	3 ?	
10 C	10 L	6 U	10 -	5 2	5 9	3 (	
10 D	10 M	6 V	110 thin space	5 3	8 0	3 )	
12 E	12 N	6 W	110 figure space	5 4	3 ?	5 -	
10 F	8 O	5 X	110 em space	5 5	3 :	4 *	
10 G	8 P	8 Y		5 6	6 :	4 *	
10 H	6 Q	5 Z					
8 I	12 R						

Two-Letter: 390 of J-4911 Matrices. List A: 390 of J-5025 or J-5040 (Two-Letter) Matrices. 130 of J-4911 Spaces

## 90-Channel Split Magazine

53

## TWO-LETTER OR DISPLAY FACES (LIST A). 600 Matrices

Caps, Lower Case and Points in Center and Lower Case Channels, or Cap and Lower Case Channels of 90-Channel Magazine. Figures Pl. Keyboard Diagram No. 6 or 22

KEYBOARD				SORTS			
12 a	12 n	10 A	10 N	6 ß	2 :		
12 b	12 o	3 B	8 O	2 ff	5 1	2 ?	
12 c	10 p	3 C	8 P	6 ff	5 2	2 ?	
12 d	8 q	3 D	5 Q	2 ff	5 3	3 (	
12 e	12 r	10 E	8 R	2 ff	5 4	3 )	
12 f	12 s	8 F	10 S	12 .	5 5	4 *	
12 g	12 t	8 G	10 T	12 .	5 6	4 *	
10 h	12 u	8 H	6 U	6 :	5 7		
12 i	8 v	6 I	6 V	12 -	5 8		
10 j	8 w	8 J	8 W	4 -	5 9		
8 k	8 x	6 K	5 X	112 thin space	8 0		
12 l	10 y	3 L	8 Y	112 figure space	3 :		
12 m	8 z	8 M	5 Z	112 em space			

Two-Letter: 600 of J-4911 Matrices. List A: 624 of J-5025 or J-5040 (Two-Letter) Matrices. 136 of J-4911 Spaces

## 90-Channel Split Magazine

54

## TWO-LETTER ROMAN WITH ITALIC AND SMALL CAP FACES. 770 Matrices

Caps, Lower Case and Points in Lower Case and Center Channels, or in Lower Case and Cap Channels of 90-Channel Magazine. Figures Pl. Keyboard Diagram No. 6 or 22

KEYBOARD				SORTS			
12 a	10 q	8 F	5 V	6 :	Roman with	Roman	Small
12 b	12 r	8 G	6 W	3 ?	Small Caps	& Italic	Caps
12 c	12 s	8 H	5 X	3 ?	2 x	3 &	2 x
12 d	12 t	8 I	7 Y	4 (	2 &	3 0	5 1
12 e	12 u	10 J	5 Z	4 )	3 1	2 x	5 2
12 f	10 v	6 K		4 *	3 2	2 ff	5 3
12 g	10 w	10 L	6 n	12 -	3 3	2 ff	5 4
12 h	6 x	10 M	3 n	8 -	3 4	2 ff	5 5
12 i	6 y	10 N	6 ff	4 *	3 5	2 :	5 6
12 j	6 z	8 O	3 ff	4 *	3 6	2 (	5 7
10 k		8 P	3 ff	12 thin sp.	3 7	2 )	5 7
12 l	12 A	6 Q	3 ae	12 fig. sp.	3 8	2 ae	5 9
12 m	8 B	10 R	3 oe	12 em sp.	2 oe	2 oe	8 0
12 n	8 C	10 S	12 .	4 *			4 :
12 o	8 D	10 T	12 .				
12 p	12 E	6 U	5 :				

770 of J-4911 Matrices

## 90-Channel Split and Auxiliary Magazine

## 24 DISPLAY FACES (LIST A or B). 570 Matrices

Lower Case in Cap Channels of 90-Channel Magazine,  
Caps and Figures in Auxiliary Magazine

KEYBOARD						SORTS	
12 a	12 i	7 w	7 G	8 S	6 1	3 Q	12
10 b	10 m	5 x	7 H	8 T	6 2	3 X	4
10 c	12 n	7 y	8 I	5 U	6 3	2 1	4
10 d	12 o	6 z	7 J	4 V	6 4	2 2	4
12 e	8 p	8 A	5 K	7 W	6 5	2 3	4
10 f	6 q	8 A	8 L	6 Y	6 6	2 4	4
10 g	12 r	7 B	7 M		6 7	2 5	4
10 h	12 s	7 C	9 N		6 8	2 6	4
12 i	12 t	7 D	8 O		6 9	2 7	4
10 j	10 u	9 E	6 I'		8 0	2 8	4
8 k	7 v	8 F	8 R		10	2 9	4

List A: 590 of J-5025 or J-5040 (Two-Letter) Matrices

List B: 560 of J-5035 or J-5050 (Two-Letter) Matrices

‡ 10 of J-4911 Spaces

## 90-Channel Split and Auxiliary Magazine

## 56 DISPLAY FACES (LIST A or B). 600 Matrices

Lower Case and Points in Cap and Center Channels  
(Diagram No. 135) of 90-Channel Magazine,  
Caps and Figures in Auxiliary Magazine

KEYBOARD						SORTS	
12 a	12 n	8 A	7 M	6 1	5 :	2 0	
10 b	12 o	7 B	9 N	6 2	6 :	2 1	
10 c	8 p	7 C	8 O	6 3	5 :	2 2	
10 d	6 q	7 D	6 P	6 4	5 :	2 3	
12 e	12 r	9 E	8 R	6 5	5 (	2 4	
10 f	12 s	8 F	8 S	6 6	5 )	3 Z	
10 g	12 t	7 G	8 T	6 7	12 -	3 &	
10 h	10 u	7 H	5 U	6 8	8 -	3 Q	
12 i	7 v	8 I	4 V	6 9	8 '	3 X	
10 j	7 w	7 J	7 W	8 0	8 '	4 ‡	
8 k	6 x	5 K	6 Y	10	10		
10 l	7 y	8 L		10			
10 m	6 z						

List A: 590 of J-5025 or J-5040 (Two-Letter) Matrices

List B: 590 of J-5035 or J-5050 (Two-Letter) Matrices

‡ 10 of J-4911 Spaces

## 90-Channel Split and Auxiliary Magazine

## 55 DISPLAY FACES (LIST A). 667 Matrices

Lower Case and Points in Lower Case and Center Channels  
(Diagram No. 135) of 90-Channel Magazine,  
Caps and Figures in Auxiliary Magazine

KEYBOARD						SORTS	
12 a	12 n	8 A	7 M	5 0	6 7	12 -	3 Q
10 b	12 o	7 B	9 N	5 0	6 8	8 -	3 X
10 c	8 p	7 C	8 O	5 0	6 9	8 '	3 Z
10 d	6 q	7 D	6 P	5 0	8 0	8 '	4 ‡
12 e	12 r	9 E	8 R	5 0	10	8	
10 f	12 s	8 F	8 S	3 &	10	8	
10 g	12 t	7 G	8 T		5 :	12 thin space	
10 h	10 u	7 H	5 U	6 1	6 :	12 figure space	
12 i	7 v	8 I	4 V	6 2	5 :	12 em space	
10 j	7 w	7 J	7 W	6 3	5 :	10 em space	
8 k	6 x	5 K	6 Y	6 4	5 (	(Auxiliary)	
10 l	7 y	8 L		6 5	5 )		
10 m	6 z			6 6			

List A: 621 of J-5025 or J-5040 (Two-Letter) Matrices

‡ 46 of J-4911 Spaces

## 72-Channel Split and Auxiliary Magazine

## 57 DISPLAY FACES (LIST A or B), 550 Matrices

Lower Case and Points in Left Side of 72-Channel Magazine (Diagram No. 149), Caps and Figures in Auxiliary Magazine

KEYBOARD						SORTS
10 a	10 n	8 A	7 M	6 I	8 .	2 Q
8 b	10 o	7 B	9 N	6 2	8 .	2 X
8 c	8 p	7 C	8 O	6 3	5 :	2 Z
8 d	5 q	7 D	6 P	6 4	5 :	2 &
20 e*	10 r	9 E	8 R	6 5	8 '.	1 ?
8 f	10 s	8 F	8 S	6 6	8 '.	1 !
8 g	10 t	7 G	8 T	6 7	8 '.	1 (
8 h	10 u	7 H	5 U	6 8	\$10 thin space .0277	1 )
10 i	5 v	8 I	4 V	6 9	\$10 en space	2 -
5 j	6 w	7 J	7 W	8 0	\$10 em space	
5 k	5 x	5 K	6 Y	6 \$	\$10 em space (aux. magazine)	
8 l	6 y	8 L				
8 m	5 z					

\*10 in first channel.

List A Faces, 510 of J-5025 or J-5040 (Two-Letter) Matrices

List B Faces, 510 of J-5025 or J-5050 (Two-Letter) Matrices

140 of J-4911 Spaces

## 72-Channel Split and Auxiliary Magazine

## 58 DISPLAY FACES (LIST A or B), 510 Matrices

Lower Case and Points in Right Side of 72-Channel Magazine (Diagram No. 149), Caps and Figures in Auxiliary Magazine

KEYBOARD						SORTS
10 a	8 l	6 w	7 G	8 S	6 1	8 .
8 b	8 m	5 x	7 H	8 T	6 2	8 .
8 c	10 n	6 y	8 I	5 U	6 3	5 :
8 d	10 o	5 z	7 J	4 V	6 4	5 :
10 e	8 p	5 K	7 W	6 5	8 '.	2 -
8 f	5 q	8 A	8 L	6 6	8 '.	1 !
8 g	10 r	7 B	7 M	6 7	8 '.	1 (
8 h	10 s	7 C	9 N	6 8	\$10 em space	1 )
10 i	10 t	7 D	8 O	6 9		
5 j	10 u	9 E	6 P	8 0		
5 k	5 v	8 F	8 R	6 \$		

List A Faces, 500 of J-5025 or J-5040 (Two-Letter) Matrices

List B Faces, 500 of J-5035 or J-5050 (Two-Letter) Matrices

110 of J-4911 Spaces (up to and including size .267, J-5035 (size .270 to .356)

## LINOTYPE KEYBOARD DIAGRAMS

On the following pages are shown twenty-seven keyboard diagrams representing those most used in the United States and Canada. They provide a variety to cover practical operating layouts for all models of Linotypes, their individual application depending upon the face desired and the magazine intended.

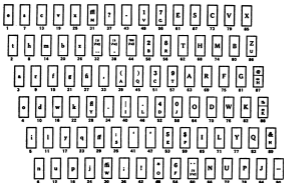
The diagrams serve a two-fold purpose. First, they show the keyboard buttons to which the individual characters respond in a given layout. Second, they indicate, by the numbers under the buttons, the magazine channels in which the corresponding characters are cut to run. When two channels of lower-case "e" are used, the additional channel is number "0" in the magazine.

Any departure from standard layouts is to be avoided due to magazine channel size limitations and the possibility of error in ordering sorts of such specially cut characters. However, if it becomes essential to order characters cut for special channels, always designate location of character by channel number instead of character regularly assigned to that channel. Example: "To run in Channel No. 85, Diagram No. 12," instead of "To run in Cap X Channel."

### THE DIAGRAMS

Description	Number	Page	Description	Number	Page
<b>90-Channel:</b>			<b>72-Channel:</b>		
Text and Display			Text and Display		
Faces .....	12	79	Faces .....	103-C	86
Text and Display			Text and Display		
Faces .....	11	79	Faces .....	103	87
Advertising Figures	32	80	Two Lower Case		
Two Lower Case			Fonts .....	149	86
Fonts .....	135	80	<b>55-Channel Face</b> ....	103-A	87
One Lower Case and			<b>84-Channel:</b>		
Two Cap Fonts ...	6	81	Caps and Figures ...	52	88
One Lower Case and			Caps and Figures ...	163	88
Two Cap Fonts ...	22-A	81	Lower Case and		
One Lower Case and			Points .....	52-A	89
Two Cap Fonts ...	22-B	82	Advertising Figures ..	51-A	89
Two Cap Fonts ....	87	82	<b>84-Channel (Linotypes with Sepa- rate Auxiliary Keyboard):</b>		
Three Cap Fonts ....	6-A	83	Caps and Figures ...	177	90
Three Cap Fonts ....	22	83	Lower Case Points ..	177-A	90
Two Lining Faces ..	138	84	Advertising Figures ..	177-B	91
Three Lining Faces .	98	84	<b>28-Channel:</b>		
Hebrew .....	13	85	Caps .....	95	92
<b>72-90-Channel Keyboard,</b>			Advertising Figures .	96	92
2 in 1 Linotype ....	150	85			

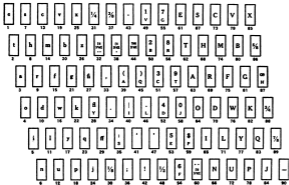
DIAGRAM No. 12



96-CHANNEL FACE, FRACTIONS P1

(Standard Linotype Keyboard)

DIAGRAM No. 11



96-CHANNEL FACE, FRACTIONS KEYBOARD

DIAGRAM No. 32

e	v	e	v	x	3	4	-	1	7	E	S	C	V	7
1	7	13	19	25	31	37	43	49	55	61	67	73	79	85
t	h	m	b	x	æ	u	æ	2	8	T	H	M	B	8
2	8	14	20	26	32	38	44	50	56	62	68	74	80	86
a	r	f	g	6	.	.	.	3	9	A	R	F	G	9
3	9	15	21	27	33	39	45	51	57	63	69	75	81	87
o	d	w	k	l	.	5	4	0	O	D	W	K	O	
4	10	16	22	28	34	40	46	52	58	64	70	76	82	88
i	l	y	q	ff	.	.	.	5	\$	I	L	Y	Q	f
5	11	17	23	29	35	41	47	53	59	65	71	77	83	89
n	u	p	j	2	:	S	G	6	..	N	U	P	J	-
6	12	18	24	30	36	42	48	54	60	66	72	78	84	90

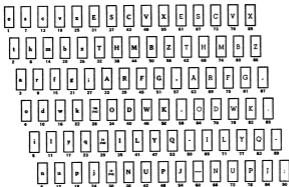
ADVERTISING FIGURES IN 96-CHANNEL MAGAZINE

DIAGRAM No. 135

e	a	e	v	x	æ	7	-	?	-	o	s	c	v	x
1	7	13	19	25	31	37	43	49	55	61	67	73	79	85
t	h	m	b	x	æ	u	æ	(	)	t	h	m	b	x
2	8	14	20	26	32	38	44	50	56	62	68	74	80	86
a	r	f	g	6	.	(	)	.	.	a	r	f	g	
3	9	15	21	27	33	39	45	51	57	63	69	75	81	87
o	d	w	k	l	.	l	æ	.	.	o	d	w	k	
4	10	16	22	28	34	40	46	52	58	64	70	76	82	88
i	l	y	q	ff	.	.	.	.	.	i	l	Y	Q	&
5	11	17	23	29	35	41	47	53	59	65	71	77	83	89
n	u	p	j	æ	:	t		:	-	n	u	p	j	-
6	12	18	24	30	36	42	48	54	60	66	72	78	84	90

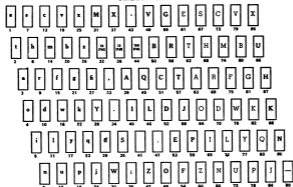
TWO LOWER CASE FONTS IN 96-CHANNEL MAGAZINE

DIAGRAM No. 6



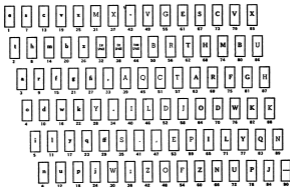
LOWER CASE AND CAPS OF SAME FACE IN LOWER CASE AND CENTER CHANNELS—CAPS OF ANOTHER FACE IN CAP CHANNELS  
(Caps in center channels according to regular Cap Layout)

DIAGRAM No. 22-A



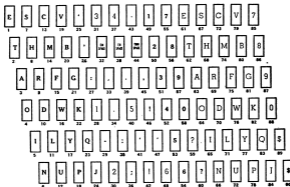
LOWER CASE AND CAPS OF SAME FACE IN LOWER CASE AND CENTER CHANNELS—CAPS OF ANOTHER FACE IN CAP CHANNELS  
(Caps in center channels according to regular Small Cap Layout)

DIAGRAM No. 22-B



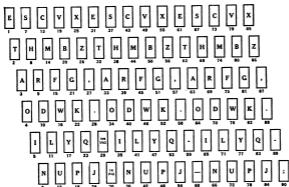
LOWER CASE AND CAPS OF SAME FACE IN LOWER CASE AND CAP CHANNELS--CAPS OF ANOTHER FACE IN CENTER CHANNELS

DIAGRAM No. 87



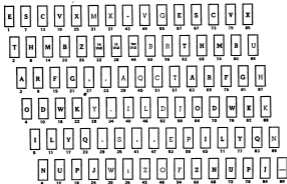
TWO CAP FONTS IN 90-CHANNEL MAGAZINE

DIAGRAM No. 6-A



THREE CAP FONTS IN 96-CHANNEL MAGAZINE  
(Caps in center channels according to regular Cap Layout)

DIAGRAM No. 22



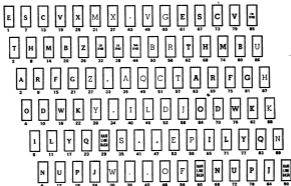
THREE CAP FONTS IN 96-CHANNEL MAGAZINE  
(Caps in center channels according to regular Small Cap Layout)

DIAGRAM No. 138



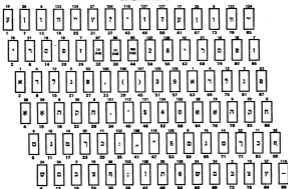
TWO LINING FACES IN 90-CHANNEL MAGAZINE

DIAGRAM No. 98



THREE LINING FACES IN 90-CHANNEL MAGAZINE

DIAGRAM No. 13



HEBREW—TWO FONTS IN 96-CHANNEL MAGAZINE

(Numbers over keybetts are character numbers)

DIAGRAM No. 150



Keys with shaded border are inoperative when using 12-channel magazine

72-90-CHANNEL KEYBOARD, 2 IN 1 LINOTYPE

(Combination of Diagrams 12 and 132-C)

DIAGRAM No. 103-C



72-CHANNEL FACE

(72-90-Channel Keyboard, 2 in 1 Linotype)

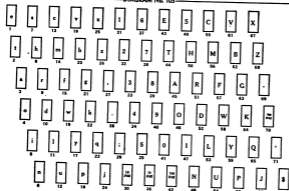
DIAGRAM No. 149



TWO LOWER CASE FONTS IN 72-CHANNEL MAGAZINE

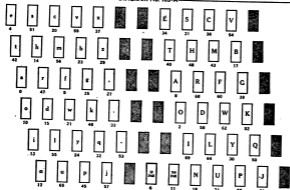
(72-90-Channel Keyboard, 2 in 1 Linotype)

DIAGRAM No. 103



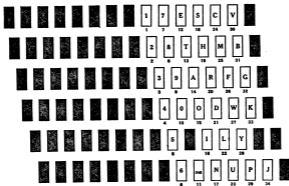
72-CHANNEL FACE  
(72-Channel Keyboard)

DIAGRAM No. 103-A



33-CHANNEL FACE IN 72-CHANNEL MAGAZINE  
(72-Channel Keyboard)

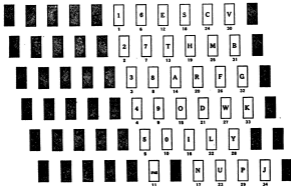
DIAGRAM No. 52



—CAPS AND FIGURES IN 34-CHANNEL AUXILIARY MAGAZINE—

(90- or 72-90-Class Keyboard)

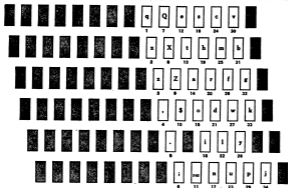
DIAGRAM No. 163



—CAPS AND FIGURES IN 34-CHANNEL AUXILIARY MAGAZINE—

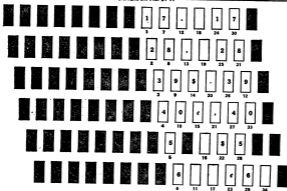
(72-Class Keyboard)

DIAGRAM No. 52-A



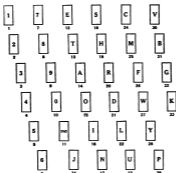
LOWER CASE AND POINTS IN 34-CHANNEL AUXILIARY MAGAZINE

DIAGRAM No. 51-A



TWO SETS OF ADVERTISING FIGURES IN 34-CHANNEL AUXILIARY MAGAZINE

DIAGRAM No. 177

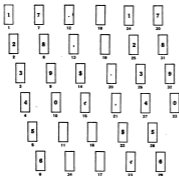


CAPS AND FIGURES IN 34-CHANNEL AUXILIARY MAGAZINE  
(Linotypes with Separate Auxiliary Keyboard)

DIAGRAM No. 177A

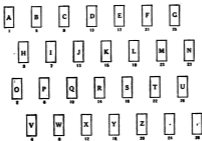


LOWER CASE AND POINTS IN 34-CHANNEL AUXILIARY MAGAZINE  
(Linotypes with Separate Auxiliary Keyboard)



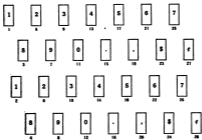
ADVERTISING FIGURES IN 24 CHANNEL AUXILIARY MAGAZINE  
 (Linatypes with Separate Auxiliary Keyboard)

DIAGRAM No. 95



CAPS IN 28-CHANNEL AUXILIARY MAGAZINE

DIAGRAM No. 96



TWO SETS OF ADVERTISING FIGURES IN 28-CHANNEL AUXILIARY MAGAZINE

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## The Care and Maintenance of MATRICES

THE DICTIONARY gives as one of the definitions of the word *matrix*, "a mold in which printers' letters are cast." Immediately the matrix assumes a position of paramount importance to the printer, for he realizes that the ultimate quality of the product lies in the perfection of the type mold, or matrix.

Linotype matrix distribution is, in many ways, the most ingenious part of the whole machine. It has been achieved through the use of matrix tooth combinations, each character running in the magazine having its own particular combination. The term "tooth combination" refers to the teeth or projections on the inside of the "v" notch of the matrix. There are seven of these teeth on each side as illustrated. The various combinations of matrix and distributor bar make it possible for the matrices to find their proper magazine channels properly and automatically. In this way the matrices are used over and over. Properly cared for, they will wear indefinitely. Carelessly used, without attention being given to machine adjustments, matrices suffer unnecessarily.

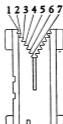
The lugs, or "ears" as they are sometimes called are equally important in the proper functioning of matrices, since they control the alignment of each letter in the lines and are the key to fine composition or just the reverse, if abused or improperly cared for.

The importance of proper matrix care cannot be overly stressed. There are some fundamental conditions which should be kept in mind. Intelligent and frequent checkups of the matrices themselves and the mechanisms affecting their operation will contribute to continued satisfaction. On the pages that follow are some useful pointers.

### TO SAFEGUARD MATRIX TEETH

The matrix should travel from one position or transfer point to another with a maximum of smoothness and with a minimum of friction and resultant wear. The teeth of the matrix, as well as the grooves of the second elevator and distributor box bars, and the segments of the distributor bar are necessarily interdependent and inseparable in maintaining a perfectly coordinated distributing mechanism.

The matrix tooth combination, under ordinary conditions, will last for years. It is possible, however, to ruin a set of matrices in



a short time by burring or damaging the teeth. The cause of the tooth combinations becoming injured is invariably due to bad alignment at one or possibly all of the various transfer points.

There are three of these transfers; that is to say, the matrices are transferred at three distinct points where the teeth are involved.

The first transfer is from the first elevator jaw to the second elevator bar at the intermediate channel. A matrix, when in position in the first elevator jaw at the transfer point, should line with the bar so that a perfect transfer to the bar can be obtained without binding. There is an adjusting screw at the bottom of the first elevator slide, on the right-hand side, for raising or lowering the slide. The alignment of the first elevator jaw rails and the intermediate channel rails should be perfect. This will take care of the vertical alignment.

Then, to take care of lateral alignment at the point where the matrix is supported by the first elevator jaw rails, and is just sliding on to the second elevator bar, there is an intermediate channel front plate extension which, by means of screw bushings, makes it possible to move the second elevator bar either toward the front or the rear, as may be desirable to secure a true aligning condition of matrix teeth and bar. This is one of the most important adjustments from the standpoint of the matrix teeth, and it should be handled with care to see that the bar is parallel with the channels. The second elevator bar should, of course, be perfectly smooth and free from burrs, as should be the other two bars along which the matrix must travel.

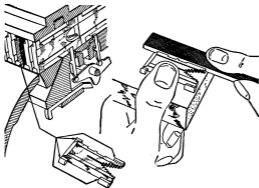
The second transfer is from the second elevator bar to the distributor box bar. The second elevator, when in its normal position, should be so adjusted that the second elevator bar will line up with the distributor box bar.

The third transfer is from the distributor box rails to the distributor bar. These rails should be perfectly square with one another. Place a matrix on the distributor box rails and raise up the outside distributor screw; turn the distributor screws slowly by hand and see that the matrix when supported on the distributor box rails will transfer freely on to the distributor bar.

Perfect alignment should be maintained at all the above mentioned points. It is to the advantage of the Linotype user, in the interest of the long life of matrices, to occasionally check these adjustments and to make slight corrections that may be found necessary.

## REPAIRING DAMAGED LUGS

If the lugs of matrices become bent, straighten them with a pair of parallel jaw pliers. If a hammer is used to straighten them, care should be taken not to hammer them hard enough to distort their shape.



View of portion of magazine and matrix, showing ear burred or sharp edge thrown up which prevents rapid and smooth sliding of matrix through the channel in the magazine. In this view the burr, or projection in the matrix is exaggerated. At the right in this view is shown a board, a matrix, and the method in which the burr, or projection can be removed with a fine file. In using a file in this way, only one with a safety edge should be used, and care must be taken not to file away the body, or main portion of the ear, but only the raw edge or burr upon the ear. If too much is filed away, especially on thin matrices, the lugs will probably catch in the escapement verge pawls.

## PREVENTING HAIRLINES

Care should be taken to preserve the side walls of matrices. When they are damaged, hairlines will show in the printed matter.

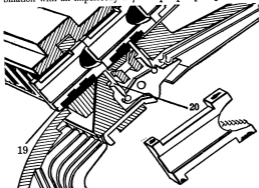
One of the most common causes of damaged side walls is the excessive use of oil on the felt of the back mold wiper or around the machine where it comes in contact with the matrices. In a perfectly justified line there is always a slight amount of air space between the matrices, but not enough to permit metal to pass through. Hot oil, however, has a peculiar capillary attraction for hot metal. Oil from the back mold wiper will flow ahead of hot metal, through the mold and into the small air spaces between the matrices. The hot metal under pressure of the plunger will follow this track of hot oil between the matrices and in time adhere to the side walls. The accumulation on the side walls will gradually build up until they are crushed, and then fins or hairlines will appear between the characters.

*Useful Matrix Information*

If the spacebands are not cleaned regularly, and metal is allowed to accumulate on the sleeves at the casting point, this metal will press against the side walls of the matrices, crushing them during the process of justification when the line is wedged tight between the vise jaws, and a font of matrices may be ruined in a very short time. The spacebands must be cleaned at least once during every eight hours of operation.

To clean spacebands, use a soft pine board sprinkled with Dixon's Graphite No. 635, and rub the sleeve of the spaceband to remove any metal that might show at the casting point. If the metal does not rub off easily, scrape with a piece of brass.

Damaged side walls may also be caused by loose lines in combination with an imperfectly adjusted pot pump stop which is



*View of a portion of a magazine, the escapement and key reeds, and an enlarged view of the matrix, showing where dirt and gum may accumulate on the matrix lug and prevent its smooth, quick action. The matrices must be kept clean.*

*The lower lug of the matrix is shown at 19. The original dimension of the lug from front to back is .125". If this lug is sheared or worn too much, when it passes over the hole through which the escapement post 20 works, it is apt to fall into the opening and prevent the matrix from dropping.*

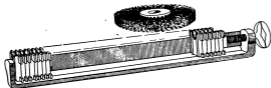
actuated by the right-hand vise jaw. See that the pot pump stop is adjusted and the right-hand vise jaw moves freely to prevent casting unless the line is tightly justified.

If tight lines are sent in, the inside lugs of the matrices will be sheared or burred when the mold comes against them, especially if the vise automatic is out of adjustment and the machine goes too far ahead before throwing out the clutch. If a tight line is sent in and stops between the jaws, it should be possible to lift the first elevator slide to remove a matrix from the jaws without turning the machine backward. Care should be taken in these matters as many matrices may be otherwise damaged at this point.

## CLEANING MATRICES

In the first place, care should be exercised to keep matrices clean. Avoid excessive use of graphite, handling with greasy hands, excessive oil in lubrication, etc. (See "Do and Do Not"). When matrices need cleaning, the simplest methods seem to be the best. One of the best known ways is the use of a wire buffer and matrix holder, shown below. The buffer is made of very fine wire, is about five inches in diameter and is designed to fit on the arbor of any standard composing-room saw. The holder of the matrices is 18 inches long. With this equipment a font of matrices can be cleaned in a very short time, and by turning the holder at right angles to the buffer it is possible to clean the gum from the sides of the lugs except on the thin matrices. The buffer is available with a  $\frac{5}{8}$ " hole (X-1673), and with a  $\frac{11}{16}$ " hole (X-1674). The holder is listed as X-1672.

Another method of cleaning matrices is Dixon Matrix Reference Cleaner (X-1604). Place a row of matrices on a type galley and polish the reference side; reverse the matrices and polish the lower lugs. If the lugs have gum on the sides, it may be necessary to rub the matrices over a soft felt to remove it.



*The wire buffer and matrix holder may be used for cleaning matrices. The buffer may also be used for polishing various other machine parts without damage to them, such as keyboard cams and yokes, key levers, trigger ends, verge escapements, assembler slides, etc.*

Graphite should never be used on the matrices or in the magazine. It may make the matrices drop well for a short time but in damp weather it is likely to cause gum to accumulate.

The principal cause of gum on the matrices and magazines is the excessive use of oil, particularly on the distributor screw bearings. At no time should oil show on the screws, as it eventually gets on the matrices and into the magazines. If a good quality of oil is used, one drop in each bearing every two weeks should be sufficient.

## THE TREATMENT OF NEW MATRICES

In order to secure the best results when new fonts of matrices are used in outstanding Linotypes, a few precautionary measures should be taken. For years, Linotype has issued the following instructions in each box of fonts of matrices. Adherence to these simple rules may prevent trouble later.

Magazines and spacebands should be thoroughly cleaned.

Spacebands which are rounded or damaged at the casting edge or which have the slightest particle of metal adhering to the sleeve at the casting point will damage the side walls of new matrices very quickly.

Spacebands which have been bent and improperly straightened, that is, wedges with kinks or buckles in them, will positively permit metal to flow between the wedge and the adjoining matrix.

All spacebands should be carefully micrometered and inspected with a knife straight edge for rounded corners on the sleeves. They should show a micrometer reading which is even when measuring sleeve and wedge together at the casting point on the spaceband and on the front of the band or a plus measurement on the casting side up to .0005 inch. In no case should bands be used which are minus on the casting side. If the corner of the sleeve at the casting point is found to be rounded when examining the bands with a knife straight edge, or with a new piece of hair-line rule if a straight edge is not available, new sleeves should be applied, as metal will quickly gather at the casting point of the sleeve under this condition when used with brand new matrices.

Both front lockup adjustments should be inspected and properly corrected if this is found to be necessary.

While it is possible on old machines to secure satisfactory results with spacebands which are worn and rounded and with front lockup adjustments slightly off, this is possible because of the gradual building up of false side walls on the matrices, and the fact that the wrong condition of spacebands and adjustments gradually came into existence. However, when new matrices are installed, trouble will surely be experienced because of the wrong conditions in the machine and spacebands.

Before using new matrices in an old machine it is also important that the vise jaws be checked for squareness, since after a number of years service these jaws will show wear, causing hair-lines. To avoid this condition, it is advisable to have these vise jaws reground.

At the face alignment position of the machine you should be able to lift the first elevator by hand .010 inch, and this measurement should not be exceeded. When two-letter 18- and 24-point matrices are used, this figure is reduced to .005 inch. This test is to be made with a thirty-em line of matrices, without spacebands, in the first elevator jaws.

Carefully set the Pump Lever Stop Lever so that when the line is fully justified the stop lever will be open beyond the block on the pump lever not more than 1/64 inch.

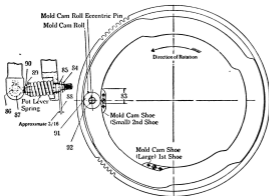
First elevator link eyebolts and nuts, upper and lower, should be checked and if they show undue wear they should be replaced.

Other and important points that should be checked are the back and front mold wipers. Oil in any form used at these points will cause metal to collect on the side of the matrix, crush the side-wall, and result in hairlines.

Do not use oil on pot pump plungers after cleaning them, nor should oil be used in the remelting furnace in an attempt to burn dirt out of the metal.

#### ADJUSTMENT OF MOLD CAM LEVER ECCENTRIC PIN

To adjust Mold Slide so that there is proper clearance, between face of Mold and Matrix when justification takes place, the Mold Cam Roll Eccentric Pin must be adjusted when Mold Cam Roll is on section of Mold Slide Cam marked 83 which is the highest point of Cam, and when Mold Cam Roll is on point 83 and Eccentric Pin is properly adjusted the space between face of Mold and the Vise jaws or Matrix should not be less than .003 or over .005. This must be determined by using a thickness gauge.



Before making the adjustment of Eccentric Pin, it will be necessary to release the pressure of Pot Lever Spring. This is done by removing Lock Nuts 84 and 85, Wing Pin 86 and Eyebolt 87. Lock Nuts 89 and 90 must not be disturbed.

When the adjustment is complete, restore parts 84, 85, 86 and 87 to original position, taking care that space 88 is approximately 3/16 of an inch when Pot is in casting position.

---

## To Conserve The Life of Your Matrices

### DO

**CLEAN** spacebands every eight hours of service.

#### DO

**RENEW** the assembling elevator matrix buffer when it becomes worn. This is a small piece of fiber on the inside of the right-hand end of the assembling elevator. If worn it permits the incoming matrices to strike the steel back rail plate and damage the aligning lugs of the matrices.

#### DO

**RENEW** assembling elevator detaining plates, front and back plate, when worn. These are small steel plates on the right-hand end of the assembling elevator at the bottom and support the matrices in an upright position during assembling.

#### DO

**RENEW** assembling elevator gate pawls, front and back, if worn. They prevent the last matrix in the line from falling down and damaging sidewalls and lugs.

#### DO

**ADJUST** the assembler chute finger to the proper angle to cause the incoming matrix to strike outside the sidewall area of the preceding matrix in the line. This will prevent damage to sidewalls and the resultant hairlines.

#### DO

**CLEAN** matrices on the lugs only with a rubber eraser or a specially designed rotary metal brush, described elsewhere in this booklet.

#### DO

**REMOVE** promptly from fonts all matrices that show hairlines from crushed sidewalls or those that are bent or have badly bruised lugs. Such matrices will progressively damage the entire font if allowed to

remain in use and come in contact with good matrices during circulation. Many such matrices can be repaired and restored to useful service.

#### DO

**SEE** that the inside edge of the assembler cover (the small one covering the assembler block) does not project inwardly beyond the line of the inside edge of the large cover. Any projection will cause the matrix lugs to strike and raise a burr.

#### DO

**SEE** that the pot pump stop is working freely and adjusted to prevent casting short lines. A loosely justified line permits metal to run between matrices and crush sidewalls, resulting in hairlines.

#### DO

**SEE** that the teeth on the second elevator bar and distributor box bar are free of burrs which may damage the combination teeth.

#### DO

**PICK UP** and return to the magazine promptly matrices that fall to the floor. Once stepped on or mixed with metal shavings they are sure to be damaged irreparably.

#### DO

**MAKE** it a practice to take font proofs occasionally of all characters cast in groups alphabetically. This will enable you to spot and remove damaged matrices before they contaminate the perfect ones.

#### DO

**REPLACE** star wheels when the edges become rounded. Worn star wheels do not push matrices inside of assembler gate pawls and detents, but cause them to fall back in the assembling elevator and become clogged and damaged.

---

## To Conserve The Life of Your Matrices

### DO NOT

DO NOT dump matrices loosely in a container for cleaning. If carbon tetrachloride is used for cleaning, arrange the matrices on a galley and carefully brush the lugs with a brush dipped in the liquid.

#### DO NOT

DO NOT clean matrices with any liquid solvent containing chromic acid. This acid is a brass solvent. Even a weak solution will pit the character, destroy the sidewalls and cause metal to adhere to the sides, resulting in defective type surfaces on the slug and hairlines between the characters.

#### DO NOT

DO NOT use oil on the back mold wiper or to excess in other places where it can come in contact with matrices. Oil on the side of matrices makes a path for molten metal to be forced between them. This metal gradually builds up on the side and the walls eventually become crushed and produce hairlines.

#### DO NOT

DO NOT operate the keyboard or handle matrices with dirt or grease on your hands. Keep your hands and the machine clean. Greasy dirt is the worst enemy of matrices.

#### DO NOT

DO NOT neglect to clean spacebands once every eight-hour shift. If polished with loose graphite see that loose particles are removed before returning spacebands to the box.

#### DO NOT

DO NOT use graphite on matrices or in magazines. Moisture on the hands or a humid atmosphere causes

graphite to form an oily deposit which eventually becomes a hard cake on the sides of the matrices and in the channels. This condition results in the necessity of frequent cleaning and naturally leads to damage through unnecessary handling. The lugs of the matrices may be polished with dry graphite after cleaning.

#### DO NOT

DO NOT force a tight line into the vise jaws. This practice causes the aligning lugs to be sheared and irreparably damaged, and is hard on the spacebands.

#### DO NOT

DO NOT send in loose or short lines unless you are sure the pot pump stop safety is operating perfectly. A front squirt may ruin several dollars' worth of matrices and spacebands. A little care at this point pays good dividends in time and money.

#### DO NOT

DO NOT remove matrices that may have become wedged tightly in a jumbled line in a careless or forceful manner. Go about it easily and carefully, remembering that an average 12-cm line contains about \$6.00 worth of matrices and spacebands.

#### DO NOT

DO NOT fail to replace that worn star wheel promptly, and thus guard against sending in tight lines.

#### DO NOT

DO NOT overlook the importance of keeping the pawls in first elevator jaws in good condition. They prevent matrices falling out of the first elevator jaws in recasting, which invariably results in serious damage.

# Every Printer Needs

200 LINOTYPE KEYBOARD OPERATION

Complete digital alphabets of formal Characters of Gothic Condensed No. 5 are available in 10, 12 and 14 point, and are mounted on the lead wire at such places as indicated below.

10 12 14

The following are the proper lengths and inserted between the large display figures of various sizes:

**6:29c 5:48c 4:25c**

formal characters to use particularly in tall and narrow wide work are available in either 6, 8, 10 and 12 point sizes.

Special Display Matrices. Well-known Linotype matrices, different case size, set at the top where cast together. But with Special Display Matrices, the small and disruptive matter of lead does come into play with the matrix of display matter. Both displays and type are considered as one bar and set on a single slug, so the regular advertising figure width of keyboard speed representing that of straight matter. These matrices are used for display, 10 point for use with 10 point display, etc. They show in the normal position slug with the top of other size. These special displays, when the matrices are reset to auxiliary position, slug with the size of the type size predetermined. The following examples illustrate the use of Special Display Matrices.

**LINE OF SPONGE LAMB** Line - 17m

Line - 17m, 10 point, 12 point, 14 point, 16 point, 18 point, 20 point, 22 point, 24 point, 26 point, 28 point, 30 point, 32 point, 34 point, 36 point, 38 point, 40 point, 42 point, 44 point, 46 point, 48 point, 50 point, 52 point, 54 point, 56 point, 58 point, 60 point, 62 point, 64 point, 66 point, 68 point, 70 point, 72 point, 74 point, 76 point, 78 point, 80 point, 82 point, 84 point, 86 point, 88 point, 90 point, 92 point, 94 point, 96 point, 98 point, 100 point.

**RADISHES** Line - 2m, 5c

Line - 2m, 5c, 10 point, 12 point, 14 point, 16 point, 18 point, 20 point, 22 point, 24 point, 26 point, 28 point, 30 point, 32 point, 34 point, 36 point, 38 point, 40 point, 42 point, 44 point, 46 point, 48 point, 50 point, 52 point, 54 point, 56 point, 58 point, 60 point, 62 point, 64 point, 66 point, 68 point, 70 point, 72 point, 74 point, 76 point, 78 point, 80 point, 82 point, 84 point, 86 point, 88 point, 90 point, 92 point, 94 point, 96 point, 98 point, 100 point.

**RADISHES** Line - 3c

Line - 3c, 10 point, 12 point, 14 point, 16 point, 18 point, 20 point, 22 point, 24 point, 26 point, 28 point, 30 point, 32 point, 34 point, 36 point, 38 point, 40 point, 42 point, 44 point, 46 point, 48 point, 50 point, 52 point, 54 point, 56 point, 58 point, 60 point, 62 point, 64 point, 66 point, 68 point, 70 point, 72 point, 74 point, 76 point, 78 point, 80 point, 82 point, 84 point, 86 point, 88 point, 90 point, 92 point, 94 point, 96 point, 98 point, 100 point.

A page from *Linotype Keyboard Operation* which shows some of the hundreds of graphic demonstrations of composition styles.

*Linotype Machine Principles* has been arranged in the sequence of the basic operations of the machine. Included in this book are detailed descriptions of the new features of the Linotype together with instructions on their care and operation (Micro-Therm, Self-Quadder, the Universal Precision Knife Block, and other features).

There are more than four hundred drawings in the thirty-six chapters of this new book, giving graphic explanation of most of the adjustments and methods of maintenance. 473 pages and a carefully detailed index give full information on Linotypes as recent as the Blue Streak Model 32.

*Linotype Machine Principles* is \$3.50 a copy post paid (\$4.15 in Canada) from any Linotype agency, including shipping costs.

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*Linotype Keyboard Operation* may be ordered from any agency for \$2.75 a copy post paid (\$3.50 in Canada), including packing and handling.

201 *Linotype Machine Principles*

These details are provided with an assembly from existing mechanism which shows the upper carriage frame of the track at a bottom located at the right of the keyboard. Reference can thus be made readily to the main line from the different illustrations.

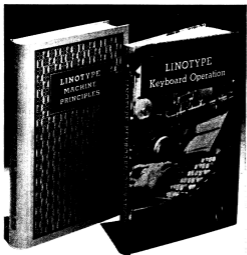
When these matrices are replaced with all 10-point and all 12-point matrices.

**FIG. 12a** Shows steering device of the carriage track. The steering roller shall be mounted on it in the rear end, on the right side (1) and the left side (2) as shown in the gear (3). The ball (4) can be shifted from the rear to the right by the pin (5) which is pushed to forward, and vice versa. It is an intermediate gear which drives the steering gear (6) which is mounted on the shaft (7) on which the ball (8) is mounted. After it is set right on the shaft (7), it is held secure by a friction disk (9). It is called (10) the ball (11) mounted on the shaft (12) of working gear on a ring of the machine frame which drives the roller of the steering device. The shaft (13) drives the gear (14) to assist. The steering roller of the gear (3) against the friction disk (9) is a pressure bearing or bushing of material in some cases. It is the large pin (15) which drives the steering ball, indicated by 16, 17 are the carriage rollers (18-20) on the spring steel rollers are mounted by the ball (21). (22) These rollers are of such a shape as to drive the matrix directly over the star wheel. A friction surface of the carriage roller is shown by (23).

The bearing is easily located, for each change of the star wheel, by moving the roller (24). The ball (25) and the bush, which supports the roller, are both held automatically together by the roller, back of the roller (26).

A page from *Linotype Machine Principles* showing the careful attention to detail that is characteristic of the whole book.

# These Two Books—



THE TWO BOOKS that every printer, operator, machinist, apprentice and student of printing should have, *Linotype Machine Principles* and *Linotype Keyboard Operation*, published by the Linotype Company.

They are newly revised and corrected (*Linotype Machine Principles* has been entirely rewritten and illustrated) and are official Linotype publications.

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