
**CHARACTERS IN FONTS**

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ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

$1234567890$ 
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**CJ ARRANGEMENT**

Roman, Italic, and Small Caps are combined for Monotype Machine Typesetting in all sizes up to and including 12 Point

**EACH AND EVERY CHARACTER MADE ON A MONOTYPE MACHINE IS CAST ON A SINGLE-TYPE BODY, THE CHARACTER THUS BEING THE UNIT.** In contrast to the Monotype cast type, which is the same as foundry type, and therefore fundamentally different from the product of slug-casting machines, in which the line is the unit. It is the casting of each letter on its own body, independent of others in $1234567890$.


**TYPICAL PAPER.**

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BEFORE THE TYPE-CASTER BEGINS OPERATIONS IT IS EQUIPPED WITH THE PROPER POINT-SIZE MOLD, WEDGES TO FIX THE WIDTH OF EACH TYPE BODY, AND A MATRIX-CASE IN WHICH ARE PLACED MATRICES REPRESENTING DIFFERENT LETTERS AND CHARACTERS DESIRED. THE CONTROLLER PAPER $1234567890$.

8 POINT, 98 J8, 85 SET - LINE STANDARD .085" - MACHINE TYPESETTING


**USUALLY THE ROMAN AND ITALIC ARE DESIGNED TO HAVE THE SAME SET AND ARE COMBINED IN THE SAME KEYBOARD ARRANGEMENT FOR MACHINE TYPESETTING.** Although it sometimes happens, particularly in bold-face types, that the italic font may have a set different from the roman, Monotype type faces intended for machine typesetting are made as close-fitting as is consistent with good design and proper printing surface. This normal close-fitting may in most cases be made even closer by reducing the set-size of the face and thus reducing the width of the body on which each character is cast. Likewise, Monotype faces may $1234567890$.

IN MONOTYPE MACHINE TYPESETTING EACH LETTER IS CAST ON ITS OWN INDIVIDUAL BODY, THE "SET." WIDTH OF THE ROMAN AND THE ITALIC CHARACTERS BEING ESTABLISHED SEPARATELY. USUALLY THE ROMAN AND ITALIC ARE DESIGNED TO HAVE THE SAME SET, AND ARE COMBINED IN THE SAME KEYBOARD ARRANGEMENT FOR MACHINE TYPESETTING; although it sometimes $1234567890$.

7 POINT, 98 J8, 85 SET - LINE STANDARD .070" - MACHINE TYPESETTING

**USUALLY THE ROMAN AND ITALIC ARE DESIGNED TO HAVE THE SAME SET, AND ARE COMBINED IN THE SAME KEYBOARD ARRANGEMENT FOR MACHINE TYPESETTING; although it sometimes happens, particularly in bold-face types, that the italic font may have a set different $1234567890$.**

IT HAS BEEN NOTED THAT THE LAST THING THE OPERATOR DOES IN COMPLETING A LINE IS TO STROKE THE KEYS WHICH CONTROL THE SIZE OF THE SPACES BETWEEN WORDS $1234567890$.

11 POINT, 98 J8, 11 SET - LINE STANDARD .115" - MACHINE TYPESETTING

BECAUSE EACH CHARACTER IN THE MONOTYPE MATRIX-CASE IS AN INDEPENDENT UNIT INDEPENDENT OF ALL OTHER CHARACTERS, IT IS POSSIBLE TO SECURE COMBINATIONS OF ROMAN, ITALICS, BOLD-FACE AND SPECIAL FIGURES IN WIDE VARIETY TO FIT THE INDIVIDUAL $1234567890$.

**MANY TIMES IT IS DESIRED TO SET MATTER IN MEASURES SO NARROW THAT IT IS IMPOSSIBLE TO AVOID EITHER WIDE SPACING BETWEEN WORDS OR SPACING IN $1234567890$.

9 POINT, 98 J8, 9 SET - LINE STANDARD .090" - MACHINE TYPESETTING

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THE OPERATOR OF THE KEYBOARD Does Not Actually Set Type or print letters or other characters. What he does is to strike keybuttons on the keyboard and thus make perforations in a long strip of paper in the form of a roll. This paper, called "controller paper," being transferred to the type-caster, acts through the medium of perforations to direct the type-caster to cast certain characters and spaces to fill justified lines. The operator, knowing the point-size and set-size of type to be cast and width of the line, sets the em scale of the keyboard, and then proceeds to strike the keybuttons representing the characters and spaces desired. As he strikes the keys, the punches rise and make holes in the controller paper and then recede. These holes will later control the selection of characters being made at the type-caster as well as make the width of the type-body on which each character is cast. As the operator strikes key after key a mechanism on the keyboard adds the width of character after character until a bell warns the operator that the line is nearly full. The operator is $1234567890$

BEFORE THE TYPE-CASTER BEGINS OPERATIONS
It Is Equipped With The Proper Point-size Mold, Wedges To fix the width of each type body, and a matrix-case in which are placed matrices representing the various characters and letters desired. Each matrix has a predetermined fixed position in the case, as indicated by the matrix-case layout. The controller paper is put in its place in the type-caster and making of the type and spaces for each line is begun. The holes in the controller paper now serve, with the aid of compressed air, to place the desired matrix directly in position over the opening in the mold and to fix the width of body of the character or space to be made. Hot metal is then forced into the mold and the type formed. The type having been cast, another matrix goes into position and another cast is made, and the operation is continued automatically until the full line of $1234567890$
HEMISTER, WHO WAS
The Originator of This Face,
used a modified antique as his
model and called his new series
"Oldstyle Antique." When this
14 Point — Line Standard .1512" — For Hand Composition
USED ON GLOSSY OR
Antique Stock With An
almost equal attractiveness owing to its $12345
18 Point — Line Standard .1937" — For Hand Composition
DURING THE
Earliest Days It
enjoyed a $67890
24 Point — Line Standard .2663" — For Hand Composition
FURNITURE
Or Metal Base
material is cast
36 Point — Line Standard .3182" — For Hand Composition
HAS BECOME
A Most Popular
type for title use
36 Point — Line Standard .3908" — For Hand Composition
IT IS USED
in a new line
42 Point, New Bookman, No. 398 — For Hand Composition
Monotype Bookman
Good Strip Rules
The Giant Size
48 Point, New Bookman, No. 398 — For Hand Composition
60 Point, New Bookman, No. 398 — For Hand Composition
72 Point, New Bookman, No. 398 — For Hand Composition

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THIS ITALIC MEMBER
Of The Popular Bookman
Series was first made avail-
able on the Monotype in 1909,
and preserves the legibility
and sturdiness of the original
roman. Display sizes vary in
design and color, being prob-
ably cut at different times by
different type cutters. Design
of this type is not unlike a
sloped roman letter. This is
particularly noticeable in the
formation of the ceriph's. In
most italic faces both upper

THE MADISON SQUARE GARDEN
Annual Horse Show Opens This Month
with five hundred of the country's finest
horses, making up the chart for $67890

ZIPPER GLOVES IN BROWN
And Green In All Sizes. This Is A
real opportunity to wear the latest

MIDDIES THRILL HUGE
Crowd As Navy Sinks State
in annual turkey-day classic