

INSTRUCTIONS FOR CASSETTE STYLE #6

DESCRIPTION: Style #6 is a Three letter condensed Fishtail alphabet.

FEATURES: Letters A thru Z (upper case only) spacebar, and spacing adjustments are available. Spacing is allowed. Minimum spacing H.SP.=000 & V.SP.= -000.

SUGGESTED SIZE RANGE: 3/8" to 6"

SPACING ADJUSTERS: M600 Systems (on alphabet 1)
Key ; will ADD a small amount of space.
Key : will SUBTRACT a small amount of space.

M700 Systems
Key -> will ADD a small amount of space.
Key <- will SUBTRACT a small amount of space.

Keys can be repeated as often as necessary.

All combinations could not be optically spaced due to the differences in various letter shapes. We recommend that you sew your combination on practice cloth before monogramming.

HOW TO USE: Characters are selected during "LETTERS".

Pressing key 1 and the desired letter key will give you alphabet 1 which contains the left hand letters and spacing.

Pressing key 2 and the desired letter key will give you alphabet 2 which contains the center letters and spacing.

Pressing key 3 and the desired letter key will give you alphabet 3 which contains the right hand letters.

Entry is ended by pressing ENTER.

EXAMPLE: To Monogram JLS at 1"
Command 1 LETTERS
(shift) 1J 2L 3S ENTER
Command 2 SIZE
100 or 1" ENTER



→ STARTING POINT ← ENDING POINT

INSTRUCTIONS FOR CASSETTE STYLE #8 & #8A

DESCRIPTION: Style #8 is a Block alphabet with Bridging.
Style #8A is a Block alphabet w/o Bridging.

FEATURES: Letters A thru Z (upper and lower case),
spacebar, spacing adjusters, numerals,
punctuation, alternate "a" and "I".

SUGGESTED SIZE RANGE: #8 1/4"-6" #8A 1/4"-8"

SPACING ADJUSTERS: M600 Systems
Key ; will ADD a small amount of space.
Key : will SUBTRACT a small amount of space.

M700 Systems
Key -> will ADD a small amount of space.
Key <- will SUBTRACT a small amount of space.

These keys can be repeated as often as necessary.

All combinations could not be optically spaced due
to the differences in various design shapes.
We recommend that you sew your combination on
practice cloth before monogramming.

HOW TO USE: Characters are selected during "LETTERS".
Press shift and the desired letter key.

Alternate a is on key @ ^(a)
Alternate I is on key \$

Entry is ended by pressing ENTER.

EXAMPLE: To Monogram John at 1/2"

Command 1	LETTERS
(shift) John	ENTER

Command 2	SIZE
050 or 01/2"	ENTER

8

Starting Point of Ending Point of
 ABCDEFGHI I
 JKLMNOPQR
 STUVWXYZ
a
 abcdefghijklmn
 opqrstuvwxyz
 1234567890
 ! " # & ' + ? / ,

8A

Starting Point of Ending Point of
 ABCDEFGHI
 JKLMNOPQR
 STUVWXYZ
 abcdefghijklmn
 opqrstuvwxyz
 1234567890
 ! " # & ' + ? / ,

STYLE #8E

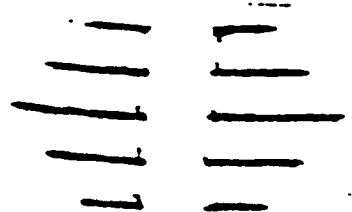
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890 ! " # & ' - + ? / ,

STYLE #8AE

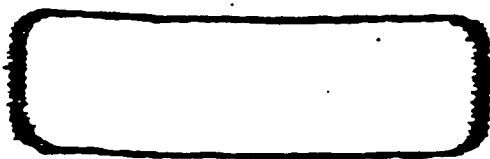
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890 ! " # & ' - + ? / ,

INSTRUCTIONS FOR ENHANCEMENTS

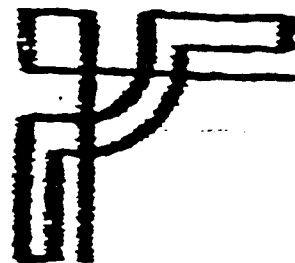
KEY: ()



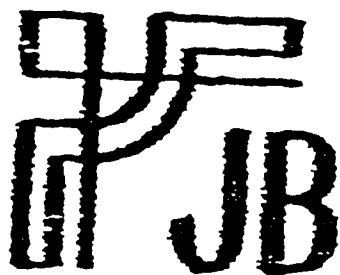
KEY: *



KEY: &



ENTER: (J O)



ENTER: * J B



ENTER: * (then sew)

Center: enter letter

INSTRUCTIONS FOR CASSETTE STYLE #10

DESCRIPTION: Style #10 is a Connecting Script alphabet.
FEATURES: Letters A thru Z (upper & lower case),spacebar,
and spacing adjusters alternate r & s are
available. Spacing is allowed.
Minimum spacing H.SP.=000 & V.SP.= -000.

SUGGESTED SIZE RANGE: 3/4" to 4"

SPACING ADJUSTERS: M600 Systems
Key ; will ADD a small amount of space.
Key : will SUBTRACT a small amount of space.

M700 Systems
Key -> will ADD a small amount of space.
Key <- will SUBTRACT a small amount of space.

Keys can be repeated as often as necessary.

All combinations could not be optically spaced
due to the differences in various letter
shapes. We recommend that you sew your
combination on practice cloth before
monogramming.

HOW TO USE: Characters are selected during "LETTERS".
Press shift and the desired letter key.

Alternate r key 1
Alternate s key 2

Entry is ended by pressing ENTER.

EXAMPLE: To Monogram Elaine at 1"
Command 1 LETTERS
(shift) Elaine ENTER
Command 2 SIZE
100 1" ENTER



abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

↖ Starting Point
 ↘ Ending Point

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INSTRUCTIONS FOR STYLE #29A

DESCRIPTION: Style #29A is an Antique style Block alphabet. Letters A-Z upper and lower case, numerals, punctuation, space bar and spacing adjusters are available. Vertical spacing is allowed.

SUGGESTED_SIZE_RANGE: 1/4" to 6"

SPACE_ADJUSTERS: All combinations could not be optically spaced due to the differences in various letter. To compensate for this space adjusters have been added into the system series to add or subtract a small amount of space between letters. Space adjusters are selected as if they were letters and can be repeated as often as necessary. We suggest you sew your combinations first on practice cloth.

M600- Key : will add space. Key ; will subtract space
(Refer to page 8 in 6.0 manual)

M700 & M800 Series- Use left and right arrow keys.
(Refer to page 3.4.6 in manual)

HOW TO USE:

- To enter your Monogram using this alphabet, press COMMAND 1 "Letters".
- To sew all upper case letters, hold the shift key down as you press your letters.
- When you are finished selecting your letters, press the ENTER key.

We recommend you try your combinations on cloth similar to the type your finished product is to be sewn on, in order to be sure that you have the correct backing, stitch count, tension etc. for that material.

NOT ACTUAL SIZE SHOWN

A B C D E
F G H I J K
L M N O P Q
R S T U V
W X Y Z &

a b c d e f g h i j
k l m n o p q r s
t u v w x y z &
1 2 3 4 5 6 7 8 9 0
! # \$ % () ' " : ; ?
, , , ,

INSTRUCTIONS FOR CASSETTE STYLE #36

DESCRIPTION: Style #36 is a Three letter Circular shaped monogram.

FEATURES: Letters A thru Z & Mc (Upper case only), spacebar, spacing adjusters, Right and Left end caps are available. Spacing is allowed. Minimum spacing H.SP.=000 & V.SP.= -000.

SUGGESTED SIZE RANGE: 3/8" to 6"

SPACING ADJUSTERS: M600 Systems
Key ; will ADD a small amount of space.
Key : will SUBTRACT a small amount of space.

M700 Systems
Key -> will ADD a small amount of space.
Key <- will SUBTRACT a small amount of space.

Keys can be repeated as often as necessary.

All combinations could not be optically spaced due to the differences in various letter shapes. We recommend that you sew your combination on practice cloth before monogramming.

HOW TO USE: Characters are selected during "LETTERS".

Pressing key 1 and the desired letter key will give you alphabet 1 which contains the left hand letters and the left end cap key 1(.

Pressing key 2 and the desired letter key will give you alphabet 2 which contains the center letters and the right and left large end caps keys 2(2). Mc is on key 2m

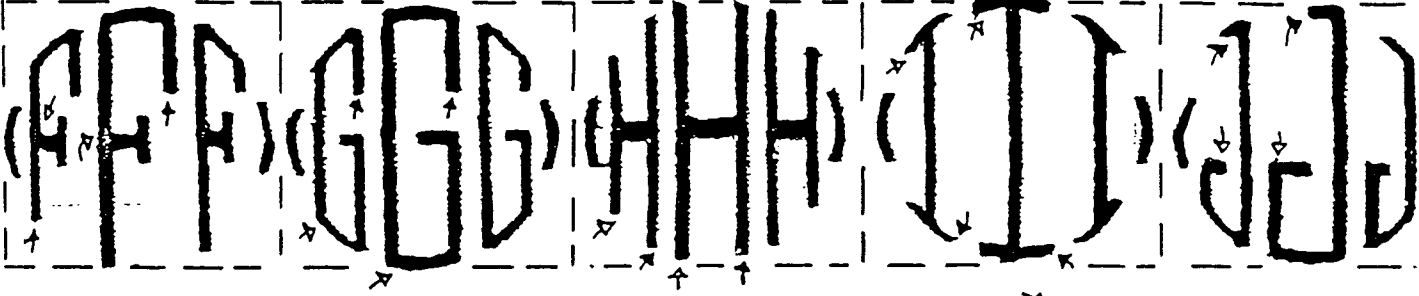
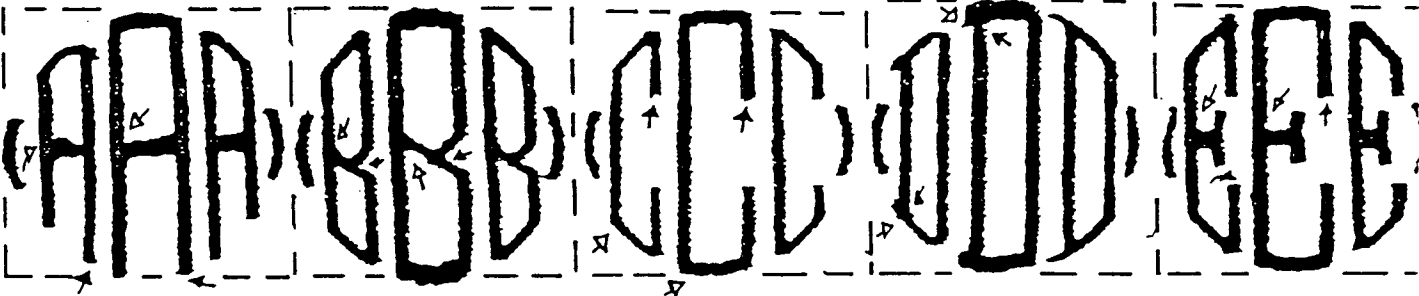
Pressing key 3 and the desired letter key will give you alphabet 3 which contains the right hand letters and the right end caps key 3).

Entry is ended by pressing ENTER.

EXAMPLE: To Monogram (LBJ) at 1"

Command 1 LETTERS
(shift) 1(1L 2B 3J 3) ENTER

Command 2 SIZE
100 or 1" ENTER



INSTRUCTIONS FOR CASSETTE STYLE #51

DESCRIPTION: Style #51 is a connecting Script alphabet.

FEATURES: Letters A thru Z (upper and lower case), spacebar, alternate "r" and "s", numerals, punctuation, and spacing adjusters are available. Spacing is allowed. Minimum spacing H.SP.=000 & V.SP.= -000.

SUGGESTED SIZE RANGE: 1/4" to 6"

SPACING ADJUSTERS: M600 Systems
Key ; will ADD a small amount of space.
Key : will SUBTRACT a small amount of space.

M700 Systems
Key -> will ADD a small amount of space.
Key <- will SUBTRACT a small amount of space.

Keys can be repeated as often as necessary.

All combinations could not be optically spaced due to the differences in various letter shapes. We recommend that you sew your combination on practice cloth before monogramming.

HOW TO USE: Characters are selected during "LETTERS". Press shift and the desired letter key for all upper case letters and punctuation.

Alternate r is on key \$
Alternate s is on key %

Entry is ended by pressing ENTER.

EXAMPLE: To Monogram Mary at 1"
Command 1 LETTERS
(shift) Mary ENTER
Command 2 SIZE
100 or 1" ENTER

A B C D E F G H I J

K L M N O P Q R S T

U V W X Y Z

a b c d e f g h i j k l m

n o p q r s t u v w x y z

1 2 3 4 5 6 7 8 9 0

! " # \$ % & ' () * + , - . / : ;

INSTRUCTIONS FOR CASSETTE STYLE #59

DESCRIPTION: Style #59 is an single letter Script alphabet.

FEATURES: Letters A thru Z & Mc (upper case only).

SUGGESTED SIZE RANGE: 1" to 4"

SPACING ADJUSTERS: M600 Systems

Key ; will ADD a small amount of space.

Key : will SUBTRACT a small amount of space.

M700 Systems

Key -> will ADD a small amount of space.

Key <- will SUBTRACT a small amount of space.

Keys can be repeated as often as necessary.

All combinations could not be optically spaced due to the differences in various letter shapes. We recommend that you sew your combination on practice cloth before monogramming.

HOW TO USE:

Characters are selected during "LETTERS". Press shift and the desired letter key.

To sew Mc press key m

Entry is ended by pressing ENTER.

EXAMPLE:

To Monogram K at 1"

Command 1		LETTERS
(shift)	K	ENTER

Command 2		SIZE
100 or 1"		ENTER

A B C

D E F G

H I J K

L M N O

P Q R S

T U V W

X Y Z Mc

LINES INDICATE
PERIMETER TRACE

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INSTRUCTIONS FOR STYLE #92

DESCRIPTION: Style #92 is a Industrial Script alphabet. Letters A-Z upper & lower case, numerals, punctuation, alternate "r" & "s" space bar and spacing adjusters are available. Vertical spacing is allowed.

SUGGESTED SIZE RANGE: 1/4" to 2 "

SPACE ADJUSTERS: All combinations could not be optically spaced due to the differences in various letter. To compensate for this space adjusters have been added into the system series to add or subtract a small amount of space between letters. Space adjusters are selected as if they were letters and can be repeated as often as necessary. We suggest you sew your combinations first on practice cloth.

M600- Key : will add space. Key ; will subtract space
(Refer to page 8 in 6.0 manual)

M700 & M800 Series- Use left and right arrow keys.
(Refer to page 3.4.6 in manual)

HOW TO USE:

- To enter your Monogram using this alphabet, press COMMAND 1 "Letters".
- To sew all upper case letters, hold the shift key down as you press your letters.
- When you are finished selecting your letters, press the ENTER key.
 - Alternate "r" key - x
 - "s" key - \$

We recommend you try your combinations on cloth similar to the type your finished product is to be sewn on, in order to be sure that you have the correct backing, stitch count, tension etc. for that material.

A B C D E F G H I J K L M

N O P Q R S T U V W X Y Z

a b c d e f g h i j k l m

n o p q r s t u v w x y z

1 2 3 4 5 6 7 8 9 0

Industrial Script

Δ & n ! ? / ' , . - + # " "

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INSTRUCTIONS FOR STYLE #93

DESCRIPTION: Style #93 is a Greek Outline alphabet. Letters Alpha thru Omega are available. Vertical spacing is allowed.

SUGGESTED_SIZE_RANGE: 1" to 6"

SPACE_ADJUSTERS: All combinations could not be optically spaced due to the differences in various designs. To compensate for this space adjusters have been added into the system tape to add or subtract a small amount of space between designs. Space adjusters are selected as if they were letters and can be repeated as often as necessary. We suggest you sew your combinations first on practice cloth.

M600- Key : will add space. Key ; will subtract space
(Refer to page 8 in S.O manual)

M700 & M800- Use left and right arrow keys.

HOW_TO_USE:

- To enter your Monogram using this alphabet, press COMMAND 1 "Letters".
- To sew all upper case letters, hold the shift key down as you press your letters.
- When you are finished selecting your letters, press the ENTER key.

LETTERS:

ALPHA.....A	NU.....N
BETA.....B	XI.....F
GAMMA.....G	OMICRON....O
DELTA.....D	PI.....R
EPSILON.....E	RHO.....P
ZETA.....Z	SIGMA.....S
ETA.....H	TAU.....T
THETA.....U	UPSILON....Y
IOTA.....I	CHI.....X
KAPPA.....K	PHI.....Q
LAMBDA.....L	PSI.....W
MU.....M	OMEGA.....V

We recommend you try your combinations on cloth similar to the type your finished product is to be sewn on, in order to be sure that you have the correct backing, stitch count, tension etc. for that material.

NOT_ACTUAL_SIZE_SHOWN

STYLE #93 GREEK OUTLINE ALPHABET

Α Β Γ Δ Ε Ζ
ALPHA=A BETA=B GAMMA=G DELTA= D EPSILON=E ZETA= Z

Η Θ Ι Κ Λ Μ
ETA = H THETA = U IOTA=I KAPPA=K LAMBDA=L MU= M

Ν Ξ Ο Π Ρ Σ
NU = N XI = F OMICRON=O PI= R RHO=P SIGMA= S

Τ Υ Φ Χ Ψ Ω
TAU = T UPSILON=Y PHI=Q CHI=X PSI= W OMEGA=V

INSTRUCTIONS FOR STYLE # 129 - COLLEGIATE APPLIQUE ALPHABET

DESCRIPTION:

Style #129 Collegiate is an applique-ready font. This font contains upper case letters A-Z as well as numerals, punctuation, space bar, blank moves, spacing adjusters and banners. Due to the large amount of data, this font is separated into two fonts/tapes:

Font #1: upper case letters A-Z and blank moves for numerals and punctuation.

Font #2: numerals, punctuation and banners in addition to blank moves for letters A-Z.

SUGGESTED SIZE RANGE:

3" - 8" for applique and 1 1/2" - 8" for non-applique.

APPLIQUE ALPHABETS:

This alphabet uses applique techniques to fill areas with decorative fabric. It is specially programmed to make applique easy with "cutlines" sewn first, then a color stop to enable you to cut away the excess fabric, followed by the finished outline stitch to cover the edges.

The steps are:

1. Hoop the garment with the appropriate backing and attach to the machine. Use KK100 Dissipating Fabric Adhesive to hold the applique fabric in place.
2. Select a thread color similar to the applique fabric color and begin to sew the design. The machine will sew a thin "cutline" and stop, saying "Color Change".
3. DO NOT REMOVE THE HOOP! Turn the motor/safety switch OFF and carefully trim away the excess fabric, as close to the "cutline" as possible.
4. Select a thread color for the outline stitching - (usually the color in step 2). Turn the motor/safety switch back ON and press "Restart" to resume sewing. The machine will sew an outline border along the trimmed edges of the fabric, stopping to change colors for any remaining fabrics.
5. For additional letters, repeat steps 2, 3 and 4.

APPLIQUE HINTS:

- Your local fabric store is a good source of discount print and solid materials. Just look for the remnant table. Don't overlook unusual finishes and textures in fabrics, such as metallics, satins, laces and netting. Woven fabrics, however, are easier to handle.
- Applique designs require more time. Be sure to adjust your pricing to include extra costs.
- Curve-tipped scissors are better suited for trimming the fabric than straight scissors.
- A product called "Heat-n-Bond" iron-on adhesive is available at most fabric stores. It can be used to give extra stiffness to your applique fabric for additional stability, easier trimming and less fraying of the fabric edges.

SPACING ADJUSTERS:

While you would not normally program more than one design on a line, if you need to, and find that the spacing is awkward, you may compensate for this by using the arrow keys to add or subtract space between designs. Space adjusters are selected as if they were letters and can be repeated as often as necessary. We suggest you sew your monogram settings first on practice cloth (or use the video preview feature of the M800, 900XLC and 700 Upgrade machines).

SPACING ADJUSTERS CHART FOR FONT STYLE #129		
Character	Key	Purpose
minispace ADD	:	Space adjuster M600 series only
minispace SUBTRACT	:	Space adjuster M600 series only
space adjuster ADD	>or ;	Space adjuster all other machines
space adjuster SUBTRACT	<or :	Space adjuster all other machines

HOW TO USE

Due to the large amount of memory required for this font, it cannot be stored on one file (or tape). Therefore the letters A-Z are on file #1 while numerals, punctuation and banners are on file #2. To make this font easier to use, there are "blank moves" for the missing characters on each file, the exact size as the sewn counterpart on the other file. For example; though file #1 has only the letters, it has blank moves for the numerals and punctuation.

The M700, M800 and 900XLC machines have multiple font storage and multi-line programming that can be used together to simplify the use of this font. The M600 machines can only store one font at a time, so using this font is slightly more complex. Separate instructions for each machine series are listed below.

M700, M800 and 900XLC Series:

This will use multi-line programming, line spacing and the blank moves to combine the letters into one line of monogramming. the same letters are entered for each line, but different cassette/fonts are chosen for each line. Finally, negative line spacing is used to merge the two lines into one.

Example 1: DAVE#3

First load both files into memory. This example assumes that file #1 is in memory contents 1, and file #2 is in memory 2. Then program as follows:

1. Letters: Line 1 - C1 DA:::VE:::;#3 (press New Line)
 Line 2 - C2 DA:::VE:::;#3 (press Enter)
2. Size: Line 1 - 1 1/2"
 Line 2 - 1 1/2"
3. Line Spacing: mode - normal
 Vertical space lines 1 & 2: 1.5
 Horizontal space lines 1 & 2: 0.00

Note: Always program negative vertical line space equal to the size of the letters you are sewing. This will join the lines together.

BEFORE VERTICAL LINE SPACING:

DAVE #3

AFTER VERTICAL LINE SPACING:

DAVE #3

M600 Series:

Step 1:

- A. Read cassette #1 into machine memory.
- B. Program the letters with the characters you desire to sew.
- C. Sew the monogram
(The machine will sew the letters, leaving space for the punctuation and number.)

DO NOT MOVE THE HOOP OR USE THE HOOP CONTROL COMMAND!

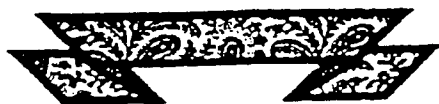
Step 2:

- A. Read cassette #2 into machine memory.
- B. Program the letters, size and other settings the exact same way that you did in step 1B.)
- C. Sew the monogram.
(The machine will sew the punctuation and number, skipping the letters that were sewn already.)

BANNERS: The following banners can be used to enhance the look of an applied letter.



BANNER #1 KEY - ! 5/8" - 1 5/8"



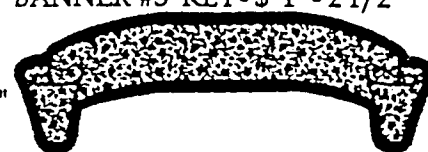
BANNER #2 KEY - @ 1" - 2 1/2"



BANNER #4 KEY - % 1 1/4" - 3 1/4"



BANNER #3 KEY - \$ 1" - 2 1/2"



BANNER #5 KEY - * 1 1/2" - 4"

POSITIONING BANNER ON LETTER:

To center banner on letter add lines 1&2 then divide the sum by -2 which equals neg. vert. space.

To position banners on lower third of letter add lines 1&2 then divide the sum by -3.

To position banners on upper third of letter add lines 1&2 and divide by -3, then multiply by 2.

POSITIONING LETTERS WITHIN BANNER:

To center lettering on banners #1 and #3 simply add lines 2&3 and divide the sum by -2.

To center lettering on banners #2, #4 and #5 it's a little more involved.

First are the variables X and Y,

X-the height of the banner (line 2),

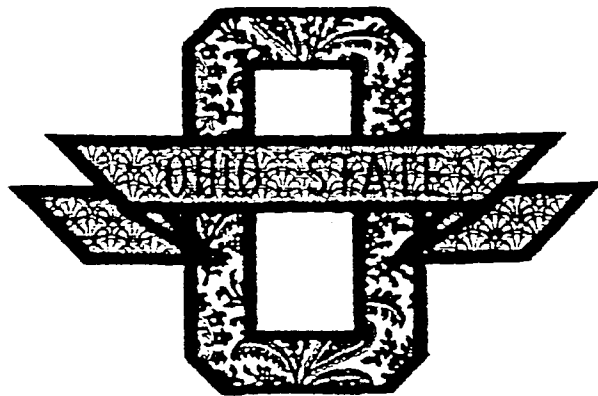
Y-the height of lettering (line 3).

For banner #2 (@) use this formula [(X times 0.7)+(Y times 0.5)] times -1

For banner #4 (%) use [(X times 0.795)+(Y times 0.5)] times -1

For banner #5 (*) use [(X times 0.72)+(Y times 0.5)] times -1

Here's how the example works:



LETTERS: Line 1: O (for large background letter)
Line 2: @ (for banner #2)
Line 3: OHIO STATE
(lettering style #8 on top of banner)

SIZE: Line 1: 6"
Line 2: 2"
Line 3: 5/8" or 0.62

VERTICAL SPACE: To center banner on large letter, calculate:
Lines 1+2 = 8", divide by 2 = 4" enter -4
To center lettering on banner, calculate:
Multiply line 2 by 0.7 = 1.4
Multiply line 3 by 0.5 = 0.31
Add 1.4 to 0.31 = 1.71, enter -1.71

Please note on OHIO STATE example the banner is centered on the large O,
but the lettering is centered on the banner.

REMEMBER:

When using any new design, alphabet or combination, we always recommend sewing a sample on similar material, to get familiar with the design and how it sews. Choose backing, stitch count and speed settings that are appropriate for the garments that you are sewing.

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