

Software Developer's Manual

ESC/P Command Reference

QL-720NW

Version 1.0

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Introduction

This material provides the necessary information for directly controlling QL-720NW.

This information is provided assuming that the user has full understanding of the operating system being used and basic mastery of RS-232C or USB in a developer's environment.

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Read the model names that appear in the screens in this manual as the name of your printer.

These ESC/P commands have been adapted specifically for this company.

What is ESC/P?

ESC/P is one type of control codes used for printers. With the codes introduced in this document, various labels can be created and printed. In this document, ESC/P codes are provided as both ASCII and binary codes.

When sending codes to the printer, make sure that the binary codes are used, otherwise the printer cannot parse the codes.

1. Using ESC/P Commands

Below is a description of the flow for creating documents.

Also refer to "[2. Examples of Using ESC/P Commands](#)".

(1) Start ESC/P

- | | |
|-----------------------------|---------------------------------|
| 1. Switch the command mode. | - Switch command mode (ESC i a) |
| 2. Initialize | - Initialize (ESC @) |



(2) Format settings

- | | |
|----------------------------------|--|
| 1. Select the orientation. | - Specify landscape orientation (ESC i L) |
| 2. Specify the page size. | - Specify page length (ESC (C) |
| 3. Specify print area. | - Specify page format (ESC (c) - Specify left/right margins (ESC I, ESC Q) |
| 4. Specify the line feed amount. | - Specify line feed amount (ESC 0, ESC 2, ESC 3, ESC A) |
| 5. Specify tab positions. | - Specify horizontal tab position (ESC D) - Specify vertical tab position (ESC B) |



(3) Print operations

- | | |
|--|---|
| 1. Specify the print position. | - Specify the vertical position (ESC (v, ESC (V, VT, ESC J) - Specify the horizontal position (ESC \$, ESC \, HT, ESC a) |
| 2. Transfer the print data (one line). | - Transfer necessary text operation codes (see (4)), bit images, barcodes, and downloaded data (see (5)) |
| 3. End of the line. | - Feed the paper (CR, LF) |
| 4. Repeat 1–3 above. | |
| 5. End of the page. | - Specify cutting (ESC i C) - Feed the page (FF) |
| 6. Repeat 1–5 above. | |
| 7. End of the document. | |



(4) Text operations

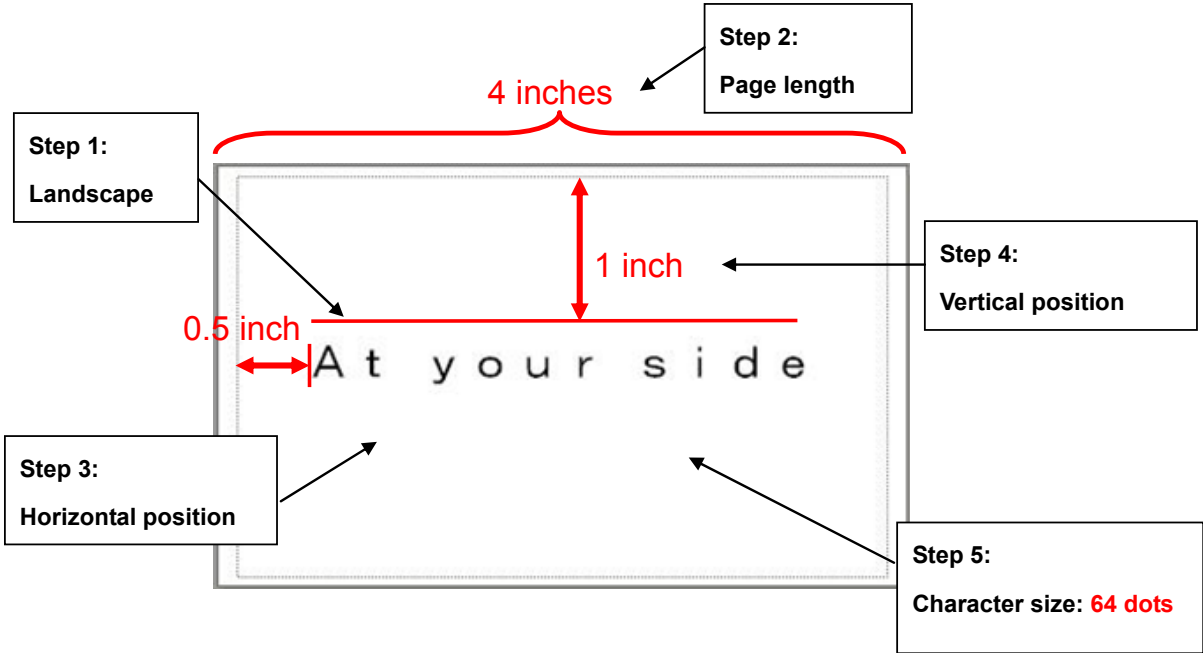
- | | |
|---|---|
| 1. Specify the character set. | - Select international character set (ESC R) - Specify character size (ESC X) - Specify the character spacing (ESC P, ESC M, ESC g, ESC SP) |
| 2. Specify the character style. | - Specify character style (ESC 4, ESC 5, ESC E, ESC F, ESC G, ESC H, ESC W, SO, ESC SO, SI, ESC SI, DC2, DC4, ESC -, ESC !) |
| 3. Specify character codes. | |
| 4. Specify the ANK mode/ Chinese character mode. | - (FS &, FS .) |
| 5. Specify the character set for Chinese characters. | - Specify character size (FS Y) - Specify the character spacing (FS S, FS T, FS U, FS V) |
| 6. Specify the character style for Chinese characters. | - Specify character style (FS J, FS K, FS W, FS r, FS -, FS !, FS SI, FS DC2, FS SO, FS DC4) |
| 7. Specify character codes for Chinese characters. | |
- Repeat 1–7 above as necessary.

**(5) Image data**

- | | |
|------------------------------|--|
| 1. Specify bit images. | - (ESC *, ESC K, ESC L, ESC Y, ESC Z) |
| 2. Specify barcodes. | - (ESC i B) |
| 3. Specify 2D barcodes. | - (ESC i Q, ESC i V, ESC i D, ESC i M) |
| 4. Print the downloaded data | - (ESC i F) Downloaded image data must first be downloaded and saved on the printer. |

2. Examples of Using ESC/P Commands

This is the label that will be made.



In order to make this label, the following six steps are required after entering ESC/P mode.

Step 1: Select the landscape orientation.

ESC i L Specify landscape orientation

| | | | | |
|--------------|-----|-----|----|---|
| ASCII: | ESC | i | L | n |
| Decimal: | 27 | 105 | 76 | n |
| Hexadecimal: | 1B | 69 | 4C | n |

Parameters

n=0, 1 or 48, 49

Description

- Applies or cancels the landscape orientation.
 - n=1 or 49 ("1"): Applies the landscape orientation.
 - n=0 or 48 ("0"): Cancels the landscape orientation.
- Using this command clears all text.
- Before entering text, specify the paper orientation with this command.
- When the printer is turned on, the landscape orientation is canceled.

Entered command n

ESC i L 01h

Step 2: Specify the page length.

ESC (C Specify page length

| | | | | | | | |
|--------------|-----|----|----|----|----|----|----|
| ASCII: | ESC | (| C | nL | nH | mL | mH |
| Decimal: | 27 | 40 | 67 | nL | nH | mL | mH |
| Hexadecimal: | 1B | 28 | 43 | nL | nH | mL | mH |

Parameters

nL=2, nH=0
 0<(mL+mH*256)<12000

Description

- Specifies the page length.
- The unit is 1/300 inch (=1 dot).
 Page length=mL+mH*256
- The current paper position is the TOF.
- The top and bottom margins are canceled with ESC (c).
- All previously entered text is cleared.
- A standard unit is not used.
- This command is available only with continuous length tape.

4 inches=1200 dots

1200 dots-72 dots=1128 dots

**The page length does not include the margins.*

For the margins, subtract 6 mm (72 dots) from the page length.

Page length=mL+mH*256=1128

| | |
|-----|-----|
| | |
| 104 | 4 |
| | |
| 68h | 04h |

Entered command nL nH mL mH

ESC (C 02h 00h 68h 04h



Step 3: Specify the horizontal position.

ESC \$ Specify absolute horizontal position

| | | | | |
|--------------|-----|----|----|----|
| ASCII: | ESC | \$ | n1 | n2 |
| Decimal: | 27 | 36 | n1 | n2 |
| Hexadecimal: | 1B | 24 | n1 | n2 |

Parameters

0≤n1≤255, 0≤n2≤255

Description

- Specifies the absolute print position (in dots) for the next data.
- An absolute print position specifies the next print position as a number of dots from the left margin.
- n1 and n2 indicate the number of dots from the left margin.
 (Number of dots=n1+n2*256)
- The dot spacing is calculated as 1/300 inch.
- The maximum number of dots that can be specified with n1 and n2 depends on the media.
- This command is available only with left alignment.

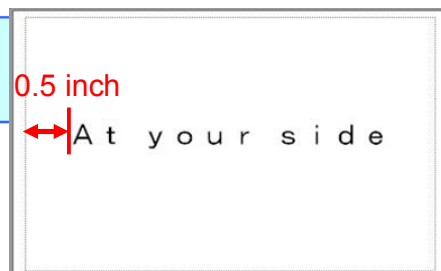
0.5 inch=150 dots

Horizontal position=n1+n2*256=150

| | |
|-----|-----|
| | |
| 150 | 0 |
| | |
| 96h | 00h |

Entered command n1 n2

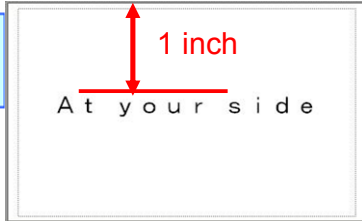
ESC \$ 96h 00h



Step 4: Specify the vertical position.

ESC (V Specify absolute vertical position

| | | | | | | | |
|--------------|-----|----|----|----|----|----|----|
| ASCII: | ESC | (| V | nL | nH | mL | mH |
| Decimal: | 27 | 40 | 86 | nL | nH | mL | mH |
| Hexadecimal: | 1B | 28 | 56 | nL | nH | mL | mH |



Parameters

- nL=2
- nH=0
- 0≤mL≤255
- 0≤mH≤127

Description

- Specifies the vertical print position as an absolute position from the top margin position.
- Vertical position=mL+mH*256+top margin
- The absolute vertical position is measured from the top margin position when this command was specified.
- If a position extending beyond the bottom margin is specified, printing starts.
- There is no restriction on the amount of movement back (upward) from the current position.
- With left alignment, the print position for the next line becomes the end position of the current line.
(The horizontal position does not move to the left margin.)
With right alignment and center alignment, the horizontal position moves to the beginning of the line.
- Both Auto-canceling double-width characters specified in ANK mode with SO or ESC SO and Chinese character mode with FS SO are canceled.

1 inch=300 dots

Vertical position=mL+mH*256+18 dots=300

| | |
|-----|-----|
| | |
| 26 | 1 |
| | |
| 1Ah | 01h |

Entered command

| | | | |
|----|----|----|----|
| nL | nH | mL | mH |
|----|----|----|----|

| |
|-------------------------|
| ESC (V 02h 00h 1Ah 01h |
|-------------------------|

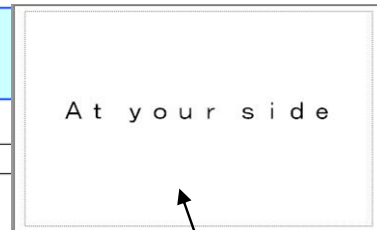
Step 5: Specify the character size.

ESC X Specify character size

| | | | | | |
|--------------|-----|----|---|----|----|
| ASCII: | ESC | X | m | nL | nH |
| Decimal: | 27 | 88 | m | nL | nH |
| Hexadecimal: | 1B | 58 | m | nL | nH |

Parameters

| | |
|------------------|---|
| Character width: | The value of m is irrelevant. |
| Character size: | <Bitmap fonts> Valid only with: nL=16, 24, 32, 48, 64, 96, 128, 144, 192, 240, nH=0 nL=0, 32, 64, 80, 128 nH=1 |



Character size: 64 dots

Description

- This command is used only to change the size.
- The character width cannot be specified.
- **The character size is specified as $n=nL+nH*256$ dots.**
- The width and the height are the same.
- With bitmap fonts, only n=16, 24, 32, 48, 64, 96, 128, 144, 192, 240, 256, 288, 320, 336 and 384 are valid.
- The commands for specifying stretched characters, compressed characters and the character spacing (SO, ESC W, SI, ESC I, ESC SP) remain available.

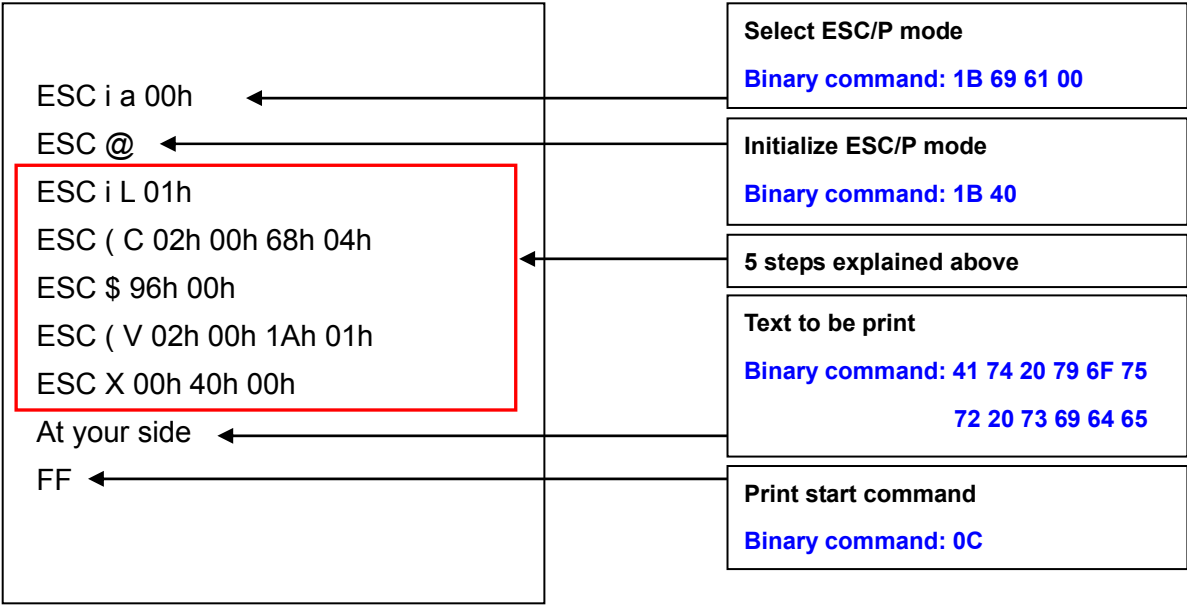
Character size= $nL+nH*256=64$ dots

| | |
|------------|------------|
| | |
| 64 | 0 |
| | |
| 40h | 00h |

Entered command m nL nH

| |
|----------------------------|
| ESC X 00h 40h 00h |
|----------------------------|

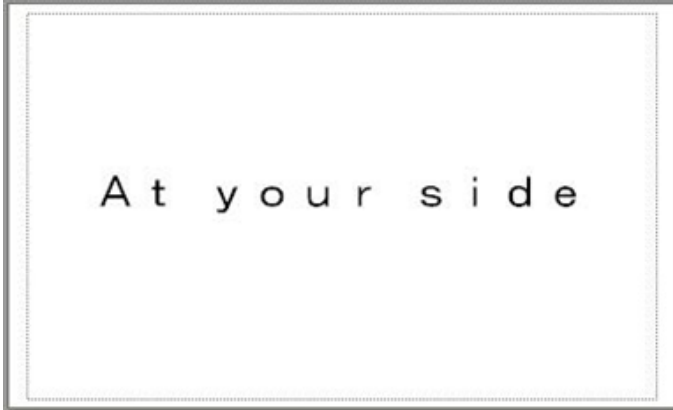
All commands together will make the example label shown below.



However, these commands should be converted to binary data before sent to the printer, as shown below. Here is the captured converted binary data.

```
1B 69 61 00 1B 40 1B 69 4C 01 1B 28 43 02 00 68
04 1B 24 96 00 1B 28 56 02 00 1A 01 1B 58 00 40
00 41 74 20 79 6F 75 72 20 73 69 64 65 0C
```

When the printer receives above binary commands, the label shown below is printed.



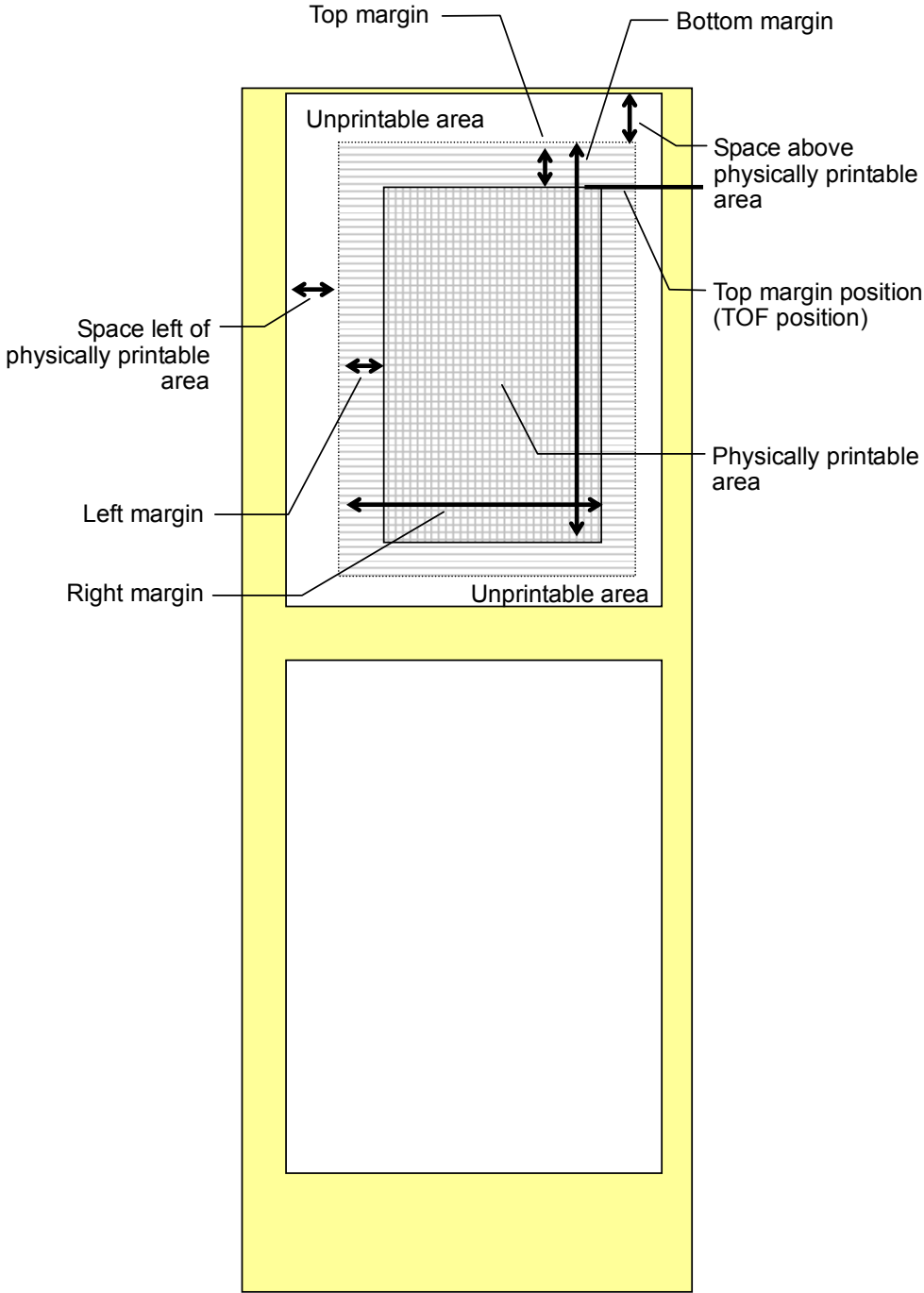
3. ESC/P Command Limitations

3.1 Print area

The printing media are die-cut labels and continuous length tape.

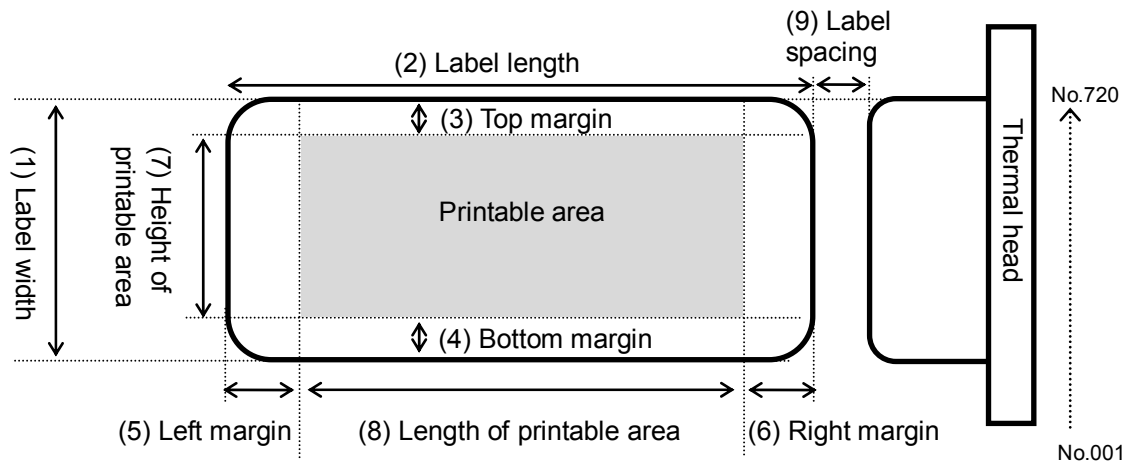
The area that can physically be printed on depends on the size and type of the print media.

Die-cut labels



The print area for each media is described below.

Print area



The maximum length of continuous length label is 1 meter.

| | Sensor No. | Head-Applied Forced segmenting | (1) | (2) | (3) (4) | (5) (6) | (7) | (8) | Drive Head No. |
|---|------------|--------------------------------|---------|----------|---------|---------|---------|---------|----------------|
| Standard Address | 1 | No | 29mm | 90.3mm | 1.5mm | 3mm | 25.92mm | 83.94mm | 408 - 713 |
| Large Address | 2 | No | 38mm | 90.3mm | 1.5mm | 3mm | 34.98mm | 83.94mm | 295 - 707 |
| Small Address | 3 | No | 62mm | 28.93mm | 1.5mm | 3mm | 58.95mm | 22.95mm | 012 - 707 |
| Sipping | 4 | No | 62mm | 100.36mm | 1.5mm | 3mm | 58.95mm | 93.93mm | 012 - 707 |
| Multi purpose | 5 | No | 17mm | 54.32mm | 1.5mm | 3mm | 13.98mm | 47.94mm | 555 - 719 |
| File Folder | 6 | No | 17mm | 87.13mm | 1.5mm | 3mm | 13.98mm | 80.97mm | 555 - 719 |
| CD/DVD (MKP) | 7 | Yes | 58.29mm | 58.29mm | 3mm | 3mm | 52.34mm | 52.34mm | 051 - 668 |
| Die Cut Labels 29mmx42mm | 8 | No | 29mm | 42.1mm | 1.5mm | 3mm | 25.92mm | 36mm | 408 - 713 |
| Die Cut Labels 29mmX52mm | 10 | No | 52mm | 28.93mm | 1.5mm | 3mm | 48.96mm | 22.95mm | 142 - 719 |
| Continuous Length Paper 62 Postage Print (only for U.S.A) | 11 | No | 62mm | - | 1.5mm | 3mm | 58.95mm | - | 012 - 707 |
| Square Paper (23mm) | 12 | No | 23.0mm | 23.03mm | 1.5mm | 3mm | 19.99mm | 17.11mm | 443 - 678 |
| Die Cut Labels 39mmX48mm | 13 | No | 39mm | 47.98mm | 1.5mm | 3mm | 36mm | 41.93mm | 289 - 713 |

(continued to the next page)

(continued from the previous page)

| | Sensor No. | Head-Applied Forced segmenting | (1) | (2) | (3) (4) | (5) (6) | (7) | (8) | Drive Head No. |
|---|------------|--------------------------------|--------|---------|-----------------|---------|---------|---------|----------------|
| Postage Print (only for U.S.A) | 14 | No | 32.9mm | 47.62mm | 1.5mm | 3mm | 29.9mm | 41.59mm | 325 - 677 |
| Round Paper | 17 | No | 12.0mm | 12.0mm | 2mm | 2mm | 7.96mm | 7.96mm | 513 - 606 |
| Round Paper | 18 | No | 24.0mm | 24.0mm | 2mm | 2mm | 19.99mm | 19.99mm | 442 - 677 |
| Continuous Length Paper (38mm) | 19 | No | 38mm | - | 1.5mm | 3mm | 34.98mm | - | 295 - 707 |
| Continuous Length Paper (29mm) | 20 | No | 29mm | - | 1.5mm | 3mm | 25.92mm | - | 408 - 713 |
| Continuous Length Paper (62mm) | 21 | No | 62mm | - | 1.5mm | 3mm | 58.95mm | - | 012 - 707 |
| Continuous Length Film-White (29mm) | 22 | Yes | 29mm | - | 1.5mm | 3mm | 25.92mm | - | 408 - 713 |
| Continuous Length Film-White (62mm) | 23 | Yes | 62mm | - | 1.5mm | 3mm | 58.95mm | - | 012 - 707 |
| Continuous Length Film-Yellow (62mm) | 24 | Yes | 62mm | - | 1.5mm | 3mm | 58.95mm | - | 012 - 707 |
| Continuous Length Film-Clear (62mm) | 25 | Yes | 62mm | - | 1.5mm | 3mm | 58.95mm | - | 012 - 707 |
| Continuous Length Paper (12mm) | 26 | No | 12mm | - | 1.5mm | 3mm | 8.98mm | - | 584 - 689 |
| Continuous Length Paper (50mm) | 27 | No | 50 mm | - | 1.5mm | 3mm | 46.92mm | - | 154 - 707 |
| Continuous Length Non-Adhesive Paper (54mm) | 28 | Yes | 54mm | - | 2.5mm/ 1.5mm | 3mm | 49.97mm | - | 130 - 719 |

3.2 Characters

The character codes vary depending on ANK mode or Chinese character mode.

| | |
|--------------------------|--|
| ANK mode | 1Byte character codes are available. 1 bitmap font with 15 sizes: 16, 24, 32, 48, 64, 96, 128, 144, 192, 240, 256, 288, 320, 336, 384 dots |
| Chinese character mode * | 2 or 4 Bytes character codes are available. 1 bitmap font with 15 sizes: 16, 24, 32, 48, 64, 96, 128, 144, 192, 240, 256, 288, 320, 336, 384 dots |

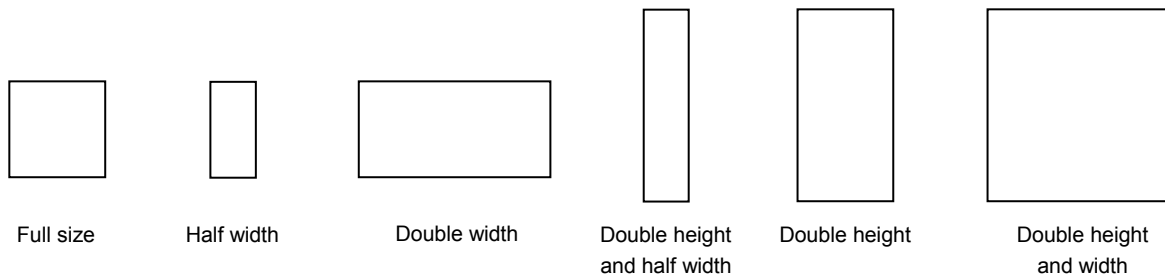
*1 ANK(Alphabets and number) is available in the Chinese character mode but it is specified by different code from ANK mode.

*2 GB18030 is available for the Chinese character mode.

3.2.1 Character sizes

ANK mode

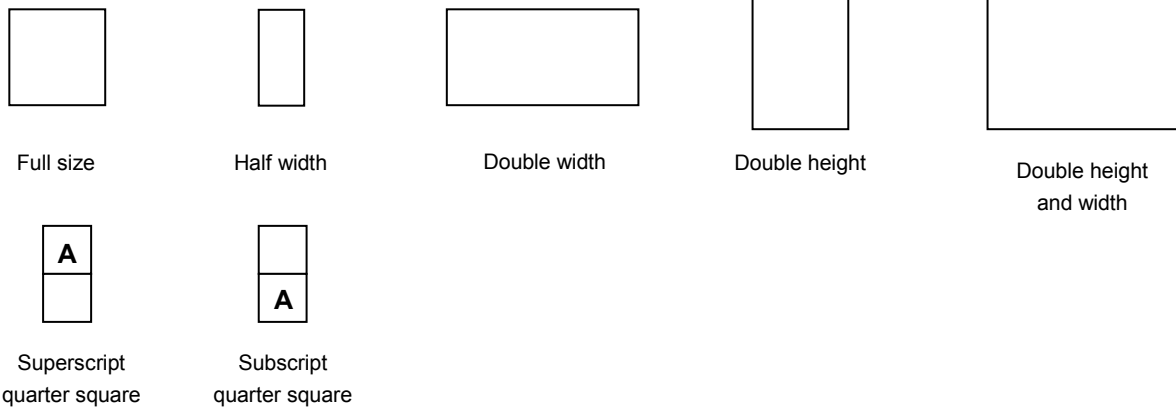
Each font is available in full size, compressed size (half width), double width, double height and half width, double height, and quadruple size.



Chinese character mode

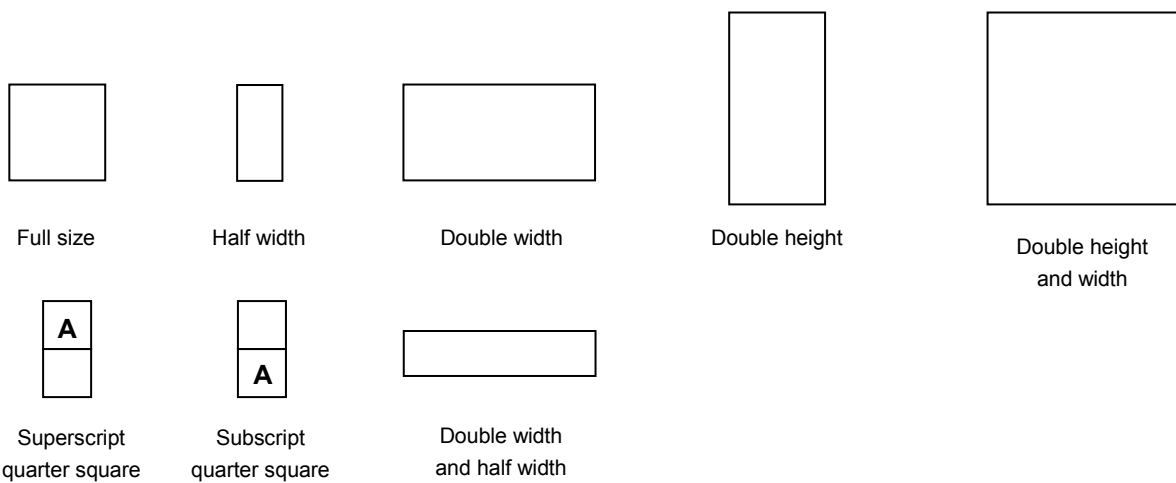
Each font is available in full size, half width, double height, double width, double height and width, superscript and subscript quarter square character. These sizes are able to be used together. moreover vertical or horizontal writing can be chosen.

If the half width and the quarter square character are used together, half width specification is ignored.

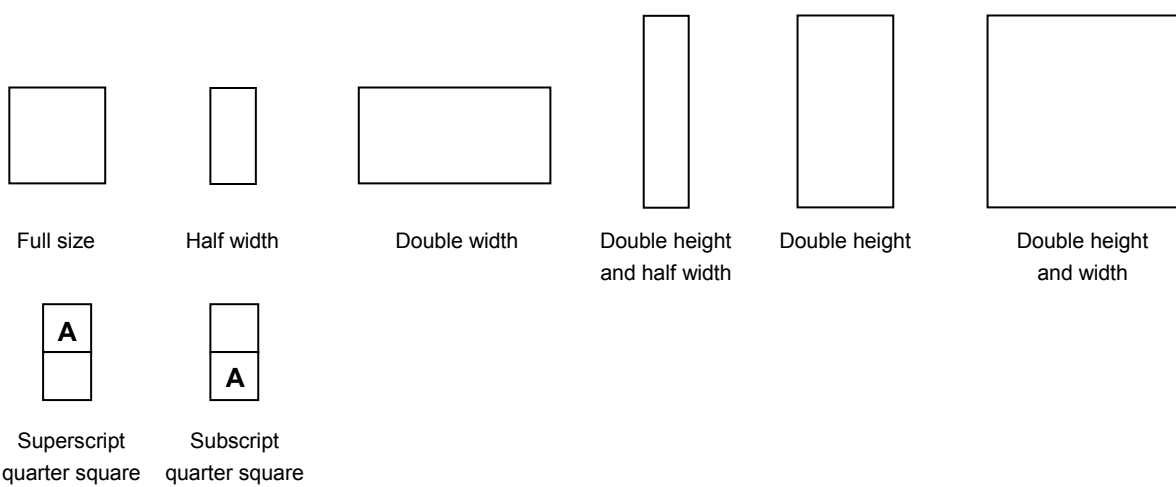


Example of a combination

1) When vertical writing



2) When horizontal writing



3.2.2 Character pitches

Pitch refers to the spacing between neighboring characters.

When characters are arranged with a fixed pitch, they will be evenly spaced.

If characters extend over several lines, they will align in straight rows.

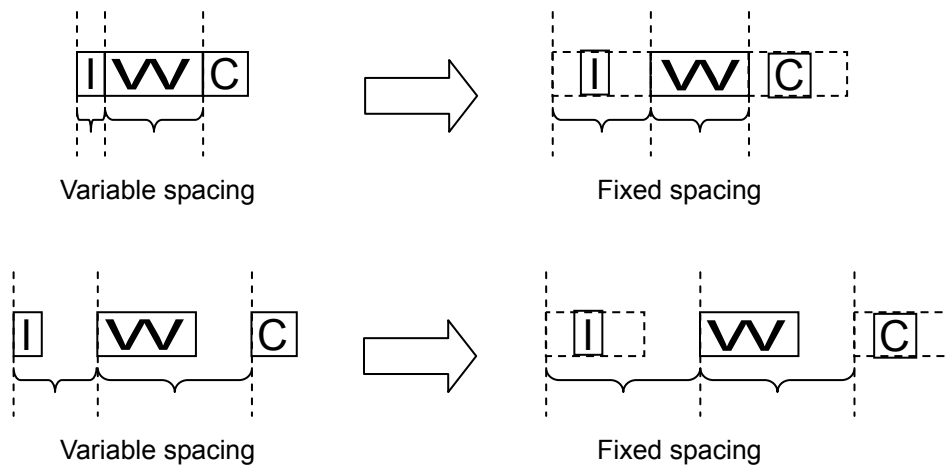


When characters are arranged with a proportional pitch, the spacing will vary depending on the character. (For example, “W” is wide but “I” is narrow.)

As a result, the excess space between characters is eliminated and the text appears more compact.



If a fixed pitch is applied to a font that is better with a proportional pitch, all characters are given the same width as the widest character in the font.



This makes it possible to evenly space the characters of a proportional-pitch font without having to change the font.

If a proportional pitch is applied to a font that is better with a fixed pitch, all characters are given the same width, appearing the same as with a fixed pitch.

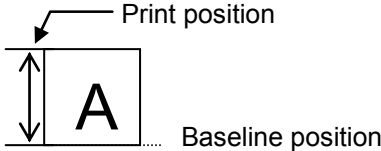
3.3 Print position

The print position is the standard position for printing characters, bitmaps, and barcodes. There is a horizontal print position and vertical print position, which are the reference points for vertical position movement and horizontal position movement.

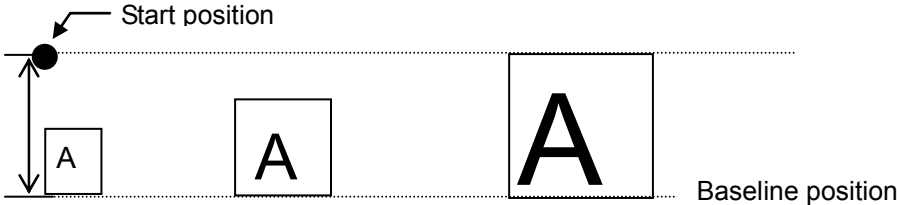
3.3.1 Characters

When horizontal writing

Characters are arranged with their top edges aligned with the print position. The baseline of each character is the bottom edge of the character, regardless of size, font, etc.



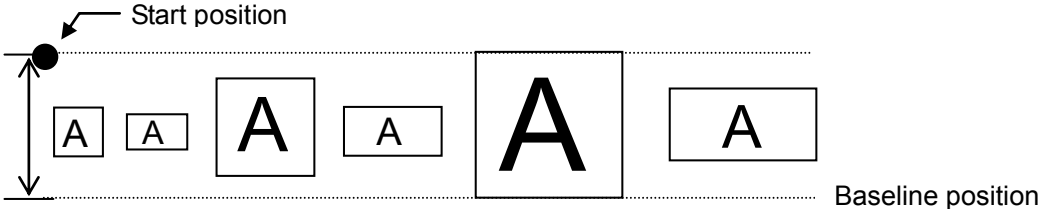
All characters on a single line are printed with a baseline positions that is the same for each character. If a single line consists of characters with different heights, the characters are aligned with the baseline of the tallest character on the line.



Underlines are drawn 4 dots below the baseline position.

When vertical writing

When vertical writing, a center of a character is placed onto the middle of the height of a line.



When vertical writing, an underline starts from a print position and a character starts 4dots blow from the underline.

3.3.2 Bitmaps, barcodes and downloaded images

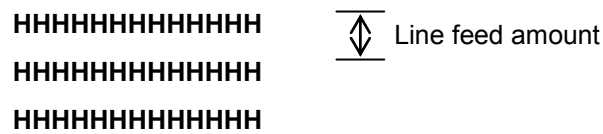
These types of image data are treated in the same way as characters and are printed with the bottom edge of the image aligned with the baseline.

3.3.3 Same line

Characters and images are considered to be on the same line, even if they are separated by tabs. Horizontal movement to the right between characters or images is regarded as being on the same line; however, horizontal movement to the left is regarded as being on separate lines if wrapping occurs.

3.4 Line feed amount

The amount of line feed is the amount of vertical movement from the print position of one line to the print position of the next line.



The line feed amount is specified with ESC 0, ESC 2, ESC A, and ESC 3.

- Within a single line of text, the tallest character is determined, and the baseline is moved so that the top edge of that character is at the vertical print position.
- The tallest character within a line becomes the line height.
- If characters are underlined, 4 dots are added to the line height.

The underline is placed underneath of the characters when horizontal writing and above of the characters when vertical writing.

When underline for both horizontal and vertical characters are existing in the same line, 8 dots are added for the height of the line.
- If the line height is greater than the specified line feed amount, the line height is used as the actual line feed amount.

In this way, even if the specified line feed amount is small, the upper and lower lines will not overlap.

4. Control Code List

Character/style selection commands (Refer to section [5.1 Character/style selection commands.](#))

| ASCII Code | Binary Code | Description |
|------------|-------------|------------------------------------|
| ESC R | 1B 52 | Select international character set |
| ESC q | 1B 71 | Select character style |

Text printing commands (Refer to section [5.2 Text printing commands.](#))

| ASCII Code | Binary Code | Description |
|------------|-------------|---|
| ESC 4 | 1B 34 | Apply italic style |
| ESC 5 | 1B 35 | Cancel italic style |
| ESC E | 1B 45 | Apply bold style |
| ESC F | 1B 46 | Cancel bold style |
| ESC G | 1B 47 | Apply double-strike printing |
| ESC H | 1B 48 | Cancel double-strike printing |
| ESC P | 1B 50 | Apply pica pitch (10 cpi) |
| ESC M | 1B 4D | Apply elite pitch (12 cpi) |
| ESC g | 1B 67 | Apply micron pitch |
| ESC p | 1B 70 | Specify proportional characters |
| ESC W | 1B 57 | Specify double-width characters |
| SO | 0E | Specify auto-canceling stretched characters |
| ESC SO | 1B 0E | Specify auto-canceling stretched characters |
| SI | 0F | Specify compressed characters |
| ESC SI | 1B 0F | Specify compressed characters |
| DC2 | 12 | Cancel compressed characters |
| DC4 | 14 | Cancel auto-canceling double-width characters |
| ESC - | 1B 2D | Apply/cancel underlining |
| ESC ! | 1B 21 | Global formatting |
| ESC SP | 1B 20 | Specify ANK character spacing |
| ESC X | 1B 58 | Specify ANK character size |

Line feed commands (Refer to section [5.3 Line feed commands.](#))

| ASCII Code | Binary Code | Description |
|------------|-------------|--------------------------------|
| ESC 0 | 1B 30 | Specify line feed of 1/8 inch |
| ESC 2 | 1B 32 | Specify line feed of 1/6 inch |
| ESC 3 | 1B 33 | Specify minimum line feed |
| ESC A | 1B 41 | Specify line feed of n/60 inch |

Horizontal movement commands (Refer to section [5.4 Horizontal movement commands.](#))

| ASCII Code | Binary Code | Description |
|------------|-------------|--------------------------------------|
| ESC I | 1B 6C | Specify left margin |
| ESC Q | 1B 51 | Specify right margin |
| CR | 0D | Carriage return |
| ESC D | 1B 44 | Specify horizontal tab position |
| HT | 09 | Perform horizontal tab |
| ESC \$ | 1B 24 | Specify absolute horizontal position |
| ESC \ | 1B 5C | Specify relative horizontal position |
| ESC a | 1B 61 | Specify alignment |

Vertical movement commands (Refer to section [5.5 Vertical movement commands.](#))

| ASCII Code | Binary Code | Description |
|------------|-------------|------------------------------------|
| LF | 0A | Line feed |
| FF | 0C | Page feed |
| ESC J | 1B 4A | Forward paper feed |
| ESC B | 1B 42 | Specify vertical tab position |
| VT | 0B | Perform vertical tab |
| ESC (V | 1B 28 56 | Specify absolute vertical position |
| ESC (v | 1B 28 76 | Specify relative vertical position |

Paper formatting commands (Refer to section [5.6 Paper formatting commands.](#))

| ASCII Code | Binary Code | Description |
|------------|-------------|------------------------|
| ESC (c | 1B 28 63 | Specify page format |
| ESC (C | 1B 28 43 | Specify page length |
| ESC U | 1B 55 | Specify minimum margin |

Printer control commands (Refer to section [5.7 Printer control commands.](#))

| ASCII Code | Binary Code | Description |
|------------|-------------|-----------------------|
| ESC @ | 1B 40 | Initialize (defaults) |

Graphics commands (Refer to section [5.8 Graphics commands.](#))

| ASCII Code | Binary Code | Description |
|------------|-------------|---|
| ESC * | 1B 2A | Select bit image |
| ESC K | 1B 4B | 8-dot single-density bit image |
| ESC L | 1B 4C | 8-dot double-density bit image |
| ESC Y | 1B 59 | 8-dot double-speed double-density bit image |
| ESC Z | 1B 5A | 8-dot quadruple-density bit image |

Chinese character Commands (Refer to section [5.9 Chinese character commands.](#))

| ASCII Code | Binary Code | Description |
|------------|-------------|--|
| FS & | 1C 26 | Specify Chinese character mode |
| FS . | 1C 2E | Cancel Chinese character mode |
| FS J | 1C 4A | Specify vertical writing |
| FS K | 1C 4B | Specify horizontal writing |
| FS S | 1C 53 | Specify size of space for full size characters |
| FS T | 1C 54 | Specify size of space for half size characters |
| FS U | 1C 55 | Space adjustment between half size characters |
| FS V | 1C 56 | Cancel space adjustment between half size characters |
| FS W | 1C 57 | Select double height and width characters |
| FS Y | 1C 59 | Specify Chinese character size |
| FS r | 1C 72 | Specify quarter square characters |
| FS - | 1C 2D | Apply Chinese character underlining |
| FS ! | 1C 21 | Global Formatting for Chinese character |
| FS SI | 1C 0F | Specify half-width characters |
| FS DC2 | 1C 12 | Cancel half-width characters |
| FS SO | 1C 0E | Specify auto-canceling double-width character |
| FS DC4 | 1C 14 | Cancel auto-canceling double-width character |

Advanced commands (Refer to section [5.10 Advanced commands.](#))

| ASCII Code | Binary Code | Description |
|------------|-------------|-------------------------------|
| ESC i B | 1B 69 42 | Barcode |
| ESC i Q | 1B 69 51 | 2D barcode (QR Code) |
| ESC i P | 1B 69 50 | Specify QR Code version |
| ESC i V | 1B 69 56 | 2D barcode (PDF417) |
| ESC i D | 1B 69 44 | 2D barcode (DataMatrix) |
| ESC i M | 1B 69 4D | 2D barcode (MaxiCode) |
| ESC i F | 1B 69 46 | Print downloaded data |
| ESC i a | 1B 69 61 | Switch command mode |
| ESC i S | 1B 69 53 | Status information request |
| ESC i L | 1B 69 4C | Specify landscape orientation |
| ESC i C | 1B 69 43 | Specify cutting |

Advanced static commands (Refer to section [5.11 Advanced static commands.](#))

| ASCII Code | Binary Code | Description |
|------------|----------------|--|
| ESC iXQ2 | 1B 69 58 51 32 | Select default character style |
| ESC iXQ1 | 1B 69 58 51 31 | Retrieve default character style |
| ESC iXX2 | 1B 69 58 58 32 | Specify default ANK character size |
| ESC iXX1 | 1B 69 58 58 31 | Retrieve default ANK character size |
| ESC iX32 | 1B 69 58 33 32 | Specify default line feed |
| ESC iX31 | 1B 69 58 33 31 | Retrieve default line feed |
| ESC iXA2 | 1B 69 58 41 32 | Select default alignment |
| ESC iXA1 | 1B 69 58 41 31 | Retrieve default alignment |
| ESC iX(2 | 1B 69 58 28 32 | Specify default page length |
| ESC iX(1 | 1B 69 58 28 31 | Retrieve default page length |
| ESC iXL2 | 1B 69 58 4C 32 | Select default landscape orientation |
| ESC iXL1 | 1B 69 58 4C 31 | Retrieve default landscape orientation |
| ESC iXj2 | 1B 69 58 6A 32 | Select default international character set |
| ESC iXj1 | 1B 69 58 6A 31 | Retrieve default international character set |
| ESC iXU2 | 1B 69 58 55 32 | Specify default minimum margin |
| ESC iXU1 | 1B 69 58 55 31 | Retrieve default minimum margin |

5. Control Command Details

5.1 Character/style selection commands

ESC R Select international character set

| | | | |
|--------------|-----|----|---|
| ASCII: | ESC | R | n |
| Decimal: | 27 | 82 | n |
| Hexadecimal: | 1B | 52 | n |

Parameters

$0 \leq n \leq 13, 64$

Description

- Selects the character set, and switches some of the character codes in the code table according to the value of n.
 - n=0: U.S.A.
 - n=1: France
 - n=2: Germany
 - n=3: U.K.
 - n=4: Denmark I
 - n=5: Sweden
 - n=6: Italy
 - n=7: Spain I
 - n=8: Japan
 - n=9: Norway
 - n=10: Denmark II
 - n=11: Spain II
 - n=12: Latin America
 - n=13: South Korea
 - n=64: Legal
- The following 12 codes are switched.
 - 23h, 24h, 40h, 5Bh, 5Ch, 5Dh, 5Eh, 60h, 7Bh, 7Ch, 7Dh, 7Eh
- The default setting is n=0 (U.S.A.)

Example

Code: 5Ch ESC R 08h 5Ch FF
 Print result: \ ¥

ESC q Select character style

| | | | |
|--------------|-----|-----|---|
| ASCII: | ESC | q | n |
| Decimal: | 27 | 113 | n |
| Hexadecimal: | 1B | 71 | n |

Parameters

$0 \leq n \leq 3$

Description

- Selects the character style.
 - n=0: None (normal characters)
 - n=1: Outline
 - n=2: Shadow
 - n=3: Shadow and outline

Example

Code: ABC ESC q 03h ABC ESC q 00h ABC FF
 Print result: ABCABCABC

5.2 Text printing commands

ESC 4 **Apply italic style**

| | | |
|--------------|-----|----|
| ASCII: | ESC | 4 |
| Decimal: | 27 | 52 |
| Hexadecimal: | 1B | 34 |

Parameters

None

Description

- Prints the subsequent text in italics.
- Both ANK and Chinese characters are available.
- Valid when horizontal writing.
- This command is valid anywhere in a text line.

ESC 5 **Cancel italic style**

| | | |
|--------------|-----|----|
| ASCII: | ESC | 5 |
| Decimal: | 27 | 53 |
| Hexadecimal: | 1B | 35 |

Parameters

None

Description

- Cancels the italic character style.
- This command is valid anywhere in a text line.

Example

| | |
|---------------|----------------------------|
| Code: | ABC ESC 4 DEF ESC 5 GHI FF |
| Print result: | ABCDEF <i>GH</i> I |

ESC E Apply bold style

| | | |
|--------------|-----|----|
| ASCII: | ESC | E |
| Decimal: | 27 | 69 |
| Hexadecimal: | 1B | 45 |

Parameters

None

Description

- Prints the subsequent text in bold.
- Both ANK and Chinese characters are available.
- This command is valid anywhere in a text line.

ESC F Cancel bold style

| | | |
|--------------|-----|----|
| ASCII: | ESC | F |
| Decimal: | 27 | 70 |
| Hexadecimal: | 1B | 46 |

Parameters

None

Description

- Cancels the bold style.
- This command is valid anywhere in a text line.
- Both ANK and Chinese characters are available.

Example

| | |
|---------------|----------------------------|
| Code: | ABC ESC E DEF ESC F GHI FF |
| Print result: | ABC DEFGHI |

ESC G Apply double-strike printing

| | | |
|--------------|-----|----|
| ASCII: | ESC | G |
| Decimal: | 27 | 71 |
| Hexadecimal: | 1B | 47 |

Parameters

None

Description

- Prints the subsequent text in bold.
- This command is valid anywhere in a text line.
- Both ANK and Chinese characters are available.

ESC H Cancel double-strike printing

| | | |
|--------------|-----|----|
| ASCII: | ESC | H |
| Decimal: | 27 | 72 |
| Hexadecimal: | 1B | 48 |

Parameters

None

Description

- Cancels the bold style.
- This command is valid anywhere in a text line.
- Both ANK and Chinese characters are available.

Example

| | |
|---------------|----------------------------|
| Code: | ABC ESC G DEF ESC H GHI FF |
| Print result: | ABC DEF GHI |

ESC P Apply pica pitch (10 cpi)

| | | |
|--------------|-----|----|
| ASCII: | ESC | P |
| Decimal: | 27 | 80 |
| Hexadecimal: | 1B | 50 |

Parameters

None

Description

- Prints the subsequent text (ANK character) with the pica pitch (10 characters/inch).
- The character spacing is 30 dots (=300 dots/10 characters).
- If the character width is 30 dots or less, the character spacing is specified as 30 minus the character width.
- If the character width exceeds 30 dots, the character spacing is specified as the character width.

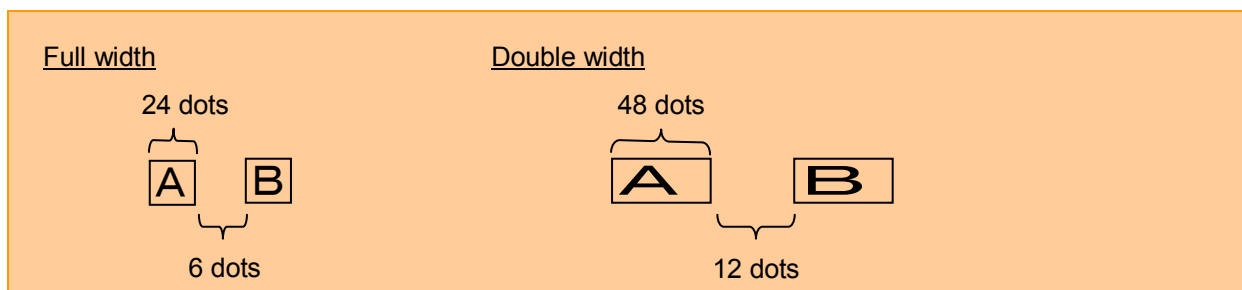
(The spacing between characters is 0 dot.)

In this case, the pitch does not exactly equal the pica pitch.

- With double-width characters, the character spacing is doubled (60 dots).
- With half-width characters, the character spacing is halved (15 dots).
- When the character spacing is changed with ESC SP, the setting is updated.
- This command is invalid when proportional pitch is selected.

Example

For a 24-dot font at full width:



ESC M Apply elite pitch (12 cpi)

| | | |
|--------------|-----|----|
| ASCII: | ESC | M |
| Decimal: | 27 | 77 |
| Hexadecimal: | 1B | 4D |

Parameters

None

Description

- Prints the subsequent text (ANK character) with the elite pitch (12 characters/inch).
- The character spacing is 25 dots (=300 dots/12 characters).
- If the character width is 25 dots or less, the character spacing is specified as 25 minus the character width.
- If the character width exceeds 25 dots, the character spacing is specified as the character width.

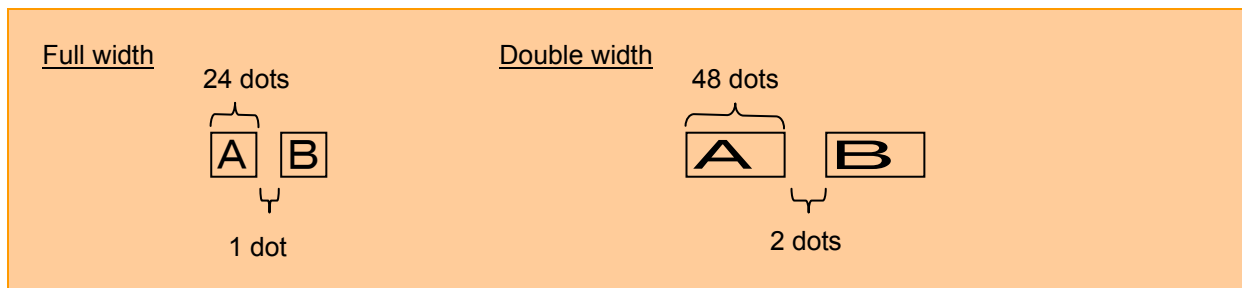
(The spacing between characters is 0 dot.)

In this case, the pitch does not exactly equal the elite pitch.

- With double-width characters, the character spacing is doubled (50 dots).
- With half-width characters, the character spacing is halved (13 dots).
- When the character spacing is changed with ESC SP, the setting is updated.
- This command is invalid when proportional pitch is selected.

Example

For a 24-dot font at full width:



ESC g Apply micron pitch

| | | |
|--------------|-----|-----|
| ASCII: | ESC | g |
| Decimal: | 27 | 103 |
| Hexadecimal: | 1B | 67 |

Parameters

None

Description

- Prints the subsequent text (ANK character) with the micron pitch (15 characters/inch).
- The character spacing is 20 dots (=300 dots/15 characters).
- If the character width is 20 dots or less, the character spacing is specified as 20 minus the character width.
- If the character width exceeds 20 dots, the character spacing is specified as the character width.

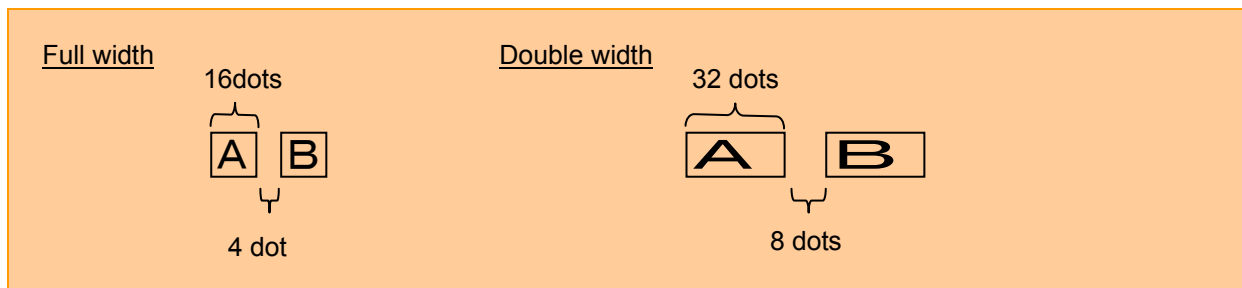
(The spacing between characters is 0 dot.)

In this case, the pitch does not exactly equal the micron pitch.

- With double-width characters, the character spacing is doubled (40 dots).
- With half-width characters, the character spacing is halved (10 dots).
- When the character spacing is changed with ESC SP, the setting is updated.
- This command is invalid when proportional pitch is selected.

Example

For a 16-dot font at full width:



ESC p Specify proportional characters

| | | | |
|--------------|-----|-----|---|
| ASCII: | ESC | p | n |
| Decimal: | 27 | 112 | n |
| Hexadecimal: | 1B | 70 | n |

Parameters

n=0, 1, 48 ("0"), 49 ("1")

Description

- Specifies proportional characters.
 - n=1 or 49 ("1"): Specifies proportional characters.
 - n=0 or 48 ("0"): Cancels proportional characters.
- If proportional characters are specified, the character spacing specified with ESC SP is maintained as is.
- Valid only for the ANK characters in ANK mode.

ESC W Specify double-width characters

| | | | |
|--------------|-----|----|---|
| ASCII: | ESC | W | n |
| Decimal: | 27 | 87 | n |
| Hexadecimal: | 1B | 57 | n |

Parameters

n=0, 1 or 48 ("0"), 49 ("1")

Description

- Specifies double-width characters.
 - n=1 or 49 ("1"): Specifies double-width characters.
 - n=0 or 48 ("0"): Cancels double-width characters.
- Double-width characters specified with this command are not canceled with the DC4, FS DC4 code or a line feed.
- Canceling double width characters cancels both half width and quarter square character in Chinese character mode and reducing character size in ANK mode.
- Both ANK and Chinese characters are available.

Example

| | |
|---------------|--------------------------------|
| Code: | ABC ESC W 1 ABC ESC W 0 ABC FF |
| Print result: | ABC ABC ABC |

SO Specify auto-canceling stretched characters

| | |
|--------------|----|
| ASCII: | SO |
| Decimal: | 14 |
| Hexadecimal: | 0E |

Parameters

None

Description

- Prints the subsequent text at double width.
- This command is canceled with DC4, LF, VT, FF, CR or an automatic line feed.
- This command is canceled with ESC \$, ESC \, ESC J, ESC (V or ESC (v.
- This command can also be canceled with ESC W+0.
- Both ANK and Chinese characters are available.

ESC SO Specify auto-canceling stretched characters

| | | |
|--------------|-----|----|
| ASCII: | ESC | SO |
| Decimal: | 27 | 14 |
| Hexadecimal: | 1B | 0E |

Parameters

None

Description

- Same as SO

Example

| | |
|---------------|---|
| Code: | ABC ESC SO ABCDEFGHIJK...XYZ FF |
| Print result: | ABC ABCDEFGHIJK . . . (Automatic line feed) XYZ |

SI Specify compressed characters

| | |
|--------------|----|
| ASCII: | SI |
| Decimal: | 15 |
| Hexadecimal: | 0F |

Parameters

None

Description

- Prints the subsequent text at half width.

ESC SI Specify compressed characters

| | | |
|--------------|-----|----|
| ASCII: | ESC | SI |
| Decimal: | 27 | 15 |
| Hexadecimal: | 1B | 0F |

Parameters

None

Description

- Same as SI

DC2 Cancel compressed characters

| | |
|--------------|-----|
| ASCII: | DC2 |
| Decimal: | 18 |
| Hexadecimal: | 12 |

Parameters

None

Description

- Cancels compressed characters specified with SI or ESC SI.

DC4 Cancel auto-canceling double-width characters

| | |
|--------------|-----|
| ASCII: | DC4 |
| Decimal: | 20 |
| Hexadecimal: | 14 |

Parameters

None

Description

- Cancels double-width characters specified with ESC SO or SO.
- Does not cancel the ESC W command.
- Both ANK and Chinese characters are available.

Example

| | |
|---------------|--------------------------------|
| Code: | ABC ESC SO ABCDEF DC4 GHIJK FF |
| Print result: | ABC ABCDEF GHIJK |

ESC – Apply/cancel underlining

| | | | |
|--------------|-----|----|---|
| ASCII: | ESC | - | n |
| Decimal: | 27 | 45 | n |
| Hexadecimal: | 1B | 2D | n |

Parameters

n=0, 1, 2, 3, 4 or 48 (“0”), 49 (“1”), 50 (“2”), 51 (“3”), 52 (“4”)

Description

- Applies or cancels underlining.
 - n=4 or 52 (“4”): Applies underlining with a width of 4 dots.
 - n=3 or 51 (“3”): Applies underlining with a width of 3 dots.
 - n=2 or 50 (“2”): Applies underlining with a width of 2 dots.
 - n=1 or 49 (“1”): Applies underlining with a width of 1 dot.
 - n=0 or 48 (“0”): Cancels underlining.
- This command is valid anywhere in a text line.
- The underlining specified with this command is a continuous line.
- Spaces between characters and words are also underlined.
- Areas with the “specify absolute horizontal position” (ESC \$) and “specify relative horizontal position” (ESC \) commands are not underlined.
- Bit images and barcodes are not underlined either.
- 4/300 inch (4 dots) is added to the line feed amount for lines that include underlined characters.
- The underline is positioned as follows:

| Underline | Underline Position |
|-------------|---|
| 1 dot wide | 2/300 inch (second dot) below the characters |
| 2 dots wide | Between 2/300 inch (second dot) and 3/300 inch (third dot) below the characters |
| 3 dots wide | Between 1/300 inch (first dot) and 3/300 inch (third dot) below the characters |
| 4 dots wide | Between 1/300 inch (first dot) and 4/300 inch (fourth dot) below the characters |

ABCDE ABCDE ABCDE
 (1-dot width) (3-dot width)

Example

| | |
|---------------|--------------------------------|
| Code: | ABC ESC - 1 ABC ESC - 0 ABC FF |
| Print result: | ABC <u>ABC</u> ABC |

ESC ! Global formatting

| | | | |
|--------------|-----|----|---|
| ASCII: | ESC | ! | n |
| Decimal: | 27 | 33 | n |
| Hexadecimal: | 1B | 21 | n |

Parameters

0≤n≤255

Description

- Specifies a combination of print modes.
- Specifies modes depending on the bit value of n.
- When the ESC ! code is used, a combination of multiple print modes can be specified at one time.
- Bold, Double width and Italics specified with this command are also valid in Chinese character mode.
- The priority order is from Bit 5 to Bit 2.
- Bit 0 is available only if Bit 1 is 0.
- Selected character styles are canceled, and the characters return to the normal style.
- Canceling double width characters cancels both half width and quarter square character in Chinese character mode and reducing character size in ANK mode.
- Selected character styles are canceled.

| Bit | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
|-----|-----------|---------|--------------|---------------|--------|------------|--------------|--------|
| 1 | Underline | Italics | Double width | Double height | Bold | Compressed | Proportional | 12 cpi |
| 0 | Cancel | Cancel | Cancel | Cancel | Cancel | Cancel | Cancel | 10 cpi |

Example

- To apply underlining and specify double-width characters at the same time:

Code: ABC ESC ! A0h ABC ESC ! 00h ABC FF
 Print result: ABCABCABC

ESC SP Specify character spacing

| | | | |
|--------------|-----|----|---|
| ASCII: | ESC | SP | n |
| Decimal: | 27 | 32 | n |
| Hexadecimal: | 1B | 20 | n |

Parameters $0 \leq n \leq 127$ Description

- Specifies the character spacing.
- n indicates the number of dots.
- The default setting is 0 dot.
- With double-width characters, the character spacing is doubled; with half-width characters, it is halved.
- Valid in ANK mode.

ESC X Specify character size

| | | | | | |
|--------------|-----|----|---|----|----|
| ASCII: | ESC | X | m | nL | nH |
| Decimal: | 27 | 88 | m | nL | nH |
| Hexadecimal: | 1B | 58 | m | nL | nH |

Parameters

| | |
|------------------|---|
| Character width: | The value of m is irrelevant. |
| Character size: | <Bitmap fonts> Valid only with: nL=16, 24, 32, 48, 64, 96, 128, 144, 192, 240, nH=0 nL=0, 32, 64, 80, 128 nH=1 |

Description

- This command is used only to change the size.
- The character width cannot be specified.
- The character size is specified as $n=nL+nH*256$ dots.
- The width and the height are the same.
- With bitmap fonts, only $n=16, 24, 32, 48, 64, 96, 128, 144, 192, 240, 256, 288, 320, 336$ and 384 are valid.
- The commands for specifying stretched characters, compressed characters and the character spacing (SO, ESC W, SI, ESC !, ESC SP) remain available.

Example

For "ABC" at a 24-dot size and "DEF" at a 48-dot size:

| | |
|---------------|--------------------------|
| Code: | ESC X 00h 18h 00h ABC |
| | ESC X 00h 30h 00h DEF FF |
| Print result: | ABC DEF |

5.3 Line feed commands

ESC 0 Specify line feed of 1/8 inch

| | | |
|--------------|-----|----|
| ASCII: | ESC | 0 |
| Decimal: | 27 | 48 |
| Hexadecimal: | 1B | 30 |

Parameters

None

Description

- Specifies a line feed of 1/8 inch (about 0.32 cm).
- Specifies a line feed of 38/300 inch (=38 dots).

ESC 2 Specify line feed of 1/6 inch

| | | |
|--------------|-----|----|
| ASCII: | ESC | 2 |
| Decimal: | 27 | 50 |
| Hexadecimal: | 1B | 32 |

Parameters

None

Description

- Specifies a line feed of 1/6 inch (about 0.42 cm).
- Specifies a line feed of 50/300 inch (=50 dots).

ESC 3 Specify minimum line feed

| | | | |
|--------------|-----|----|---|
| ASCII: | ESC | 3 | n |
| Decimal: | 27 | 51 | n |
| Hexadecimal: | 1B | 33 | n |

Parameters
 $0 \leq n \leq 255$
Description

- Specifies a line feed of $n/300$ inch per line.
- The line feed is specified in 1-dot units.

ESC A Specify line feed of n/60 inch

| | | | |
|--------------|-----|----|---|
| ASCII: | ESC | A | n |
| Decimal: | 27 | 65 | n |
| Hexadecimal: | 1B | 41 | n |

Parameters
 $0 \leq n \leq 255$
Description

- Specifies a line feed of $n/60$ inch.
- The line feed is specified in 5-dot units.

5.4 Horizontal movement commands

ESC I **Specify left margin**

| | | | |
|--------------|-----|-----|---|
| ASCII: | ESC | I | n |
| Decimal: | 27 | 108 | n |
| Hexadecimal: | 1B | 6C | n |

Parameters

$0 \leq n \leq 255$

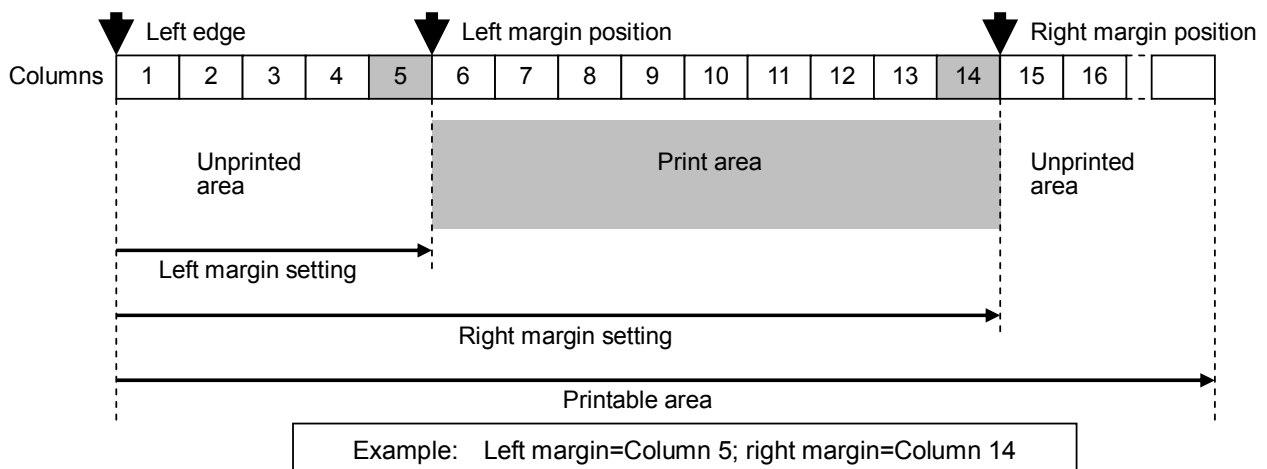
$0 \leq \text{left margin} < \text{right margin}$

Description

- The left margin and the right margin use the left edge of the physically printable area as the reference.
- The area between the left edge of the physically printable area and the specified number of columns is specified as an unprinted area. The left margin position is the right edge of the specified column. (Character width*n)
- The setting is in the range $0 \leq (\text{character width} * n) \leq x$. Settings outside that range are ignored. However, x is a value dependent on the media.
- The area between the left edge (first column) to the nth column is specified as an unprinted area.
- The position of the left margin is the character width (when this command was specified)*n from the left edge.

The character width when the margin specified includes the settings for the space between characters, setting for full size or half size characters. In addition, when a pitch of 10 cpi (=30 dots), 12 cpi (=25 dots) or 15cpi (=20 dots), compressed characters or double-width characters are specified, that character width is considered as the unit.

However, character styles that increase the character width are not applied.



- The horizontal print position is moved to the left margin position.
- If the left margin setting is not at the beginning of the line, the left margin is specified after a line feed.
The beginning of the line indicates the left margin position for left alignment; for right and center alignment, it means that no image or character is entered on the line.
- Even if the character width is changed after the left margin has been specified, the left margin position does not change.
- A left margin setting that puts the left margin position to the right of the right margin position is ignored.
- The left margin should be specified at least one column (10 cpi=30 dots) less than the right margin.
(If the character width (when the command was specified)*n is greater than the right margin-30 dots), the setting is ignored.)
- If the difference between the right margin position and the left margin position is less than one character, that character is ignored.
- When proportional pitch is specified with the ESC p command, a character width of 10 cpi (=30 dot) is applied.
- If the print media is continuous length tape, the printing orientation is landscape and the page length is not specified, commands specifying the left margin are ignored.
- If the minimum margin has been set to 3 mm and the printing orientation is landscape, the left margin increases by 1 mm.

Example

To specify the left margin at Column 3:

| | |
|---------------|-----------------------------|
| Code: | ABC CR ESC I 03h EFGHIJ FF |
| Print result: | <pre> ABC EFGHIJ </pre> |

ESC Q Specify right margin

| | | | |
|--------------|-----|----|---|
| ASCII: | ESC | Q | n |
| Decimal: | 27 | 81 | n |
| Hexadecimal: | 1B | 51 | n |

Parameters

$1 \leq n \leq 255$

Left margin < character width (when the command was specified) * n ≤ printable area

Description

- The left margin and the right margin use the left edge of the physically printable area as the reference.
- The right margin position is the right edge of the specified column. (Character width * n)
- The setting is in the range $1 \leq (\text{character width} * n) \leq x$. Settings outside that range are ignored. However, x is a value dependent on the media.
- Left margin ≤ print area < right margin
- The position of the right margin is the character width (when the command was specified) * n from the left edge.

The character width when the margin specified includes the settings for the space between characters, setting for full size or half size characters. In addition, when a pitch of 10 cpi (=30 dots), 12 cpi (=25 dots) or 15 cpi (=20 dots), compressed characters or double-width characters are specified, that character width is considered as the unit.

However, character styles that increase the character width are not applied.

- The horizontal print position is moved to the left margin position.
- If the right margin setting is not at the beginning of the line, the right margin is specified after a line feed. The beginning of the line indicates the left margin position for left alignment; for right and center alignment, it means that no image or character is entered on the line.
- Even if the character width is changed after the right margin has been specified, the right margin position does not change.
- A right margin setting that puts the right margin position to the left of the left margin position is ignored.
- The right margin should be specified at least one column (10 cpi=30 dots) greater than the left margin. (If the character width (when the command was specified) * n is less than the left margin + 30 dots, the setting is ignored.)
- If the difference between the right margin position and the left margin position is less than one character, that character is ignored.
- When proportional pitch is specified with the ESC p command, a character width of 10 cpi (=30 dot) is applied.
- If the print media is continuous length tape, the printing orientation is landscape and the page length is not specified, commands specifying the right margin are ignored.
- If the minimum margin has been set to 3 mm and the printing orientation is landscape, the right margin increases by 1 mm.

CR Carriage return

| | |
|--------------|----|
| ASCII: | CR |
| Decimal: | 13 |
| Hexadecimal: | 0D |

Parameters

None

Description

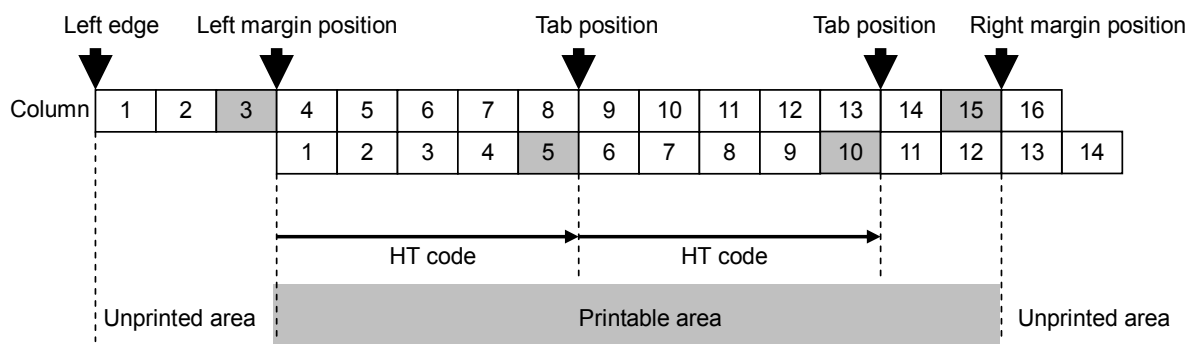
- Ends input of a line, and waits for input of the next line.
- The next print position becomes the beginning of the next line.
- A line feed command immediately after the carriage return is ignored.
- Both Auto-canceling double-width characters specified in ANK mode with SO or ESC SO and Chinese character mode with FS SO are canceled.
- Same process as LF

ESC D Specify horizontal tab position

| | | | | |
|--------------|-----|----|------------------|-----|
| ASCII: | ESC | D | [n] _k | NUL |
| Decimal: | 27 | 68 | [n] _k | 0 |
| Hexadecimal: | 1B | 44 | [n] _k | 00h |

Parameters
 $1 \leq n \leq 255, 0 \leq k \leq 32$
Description

- The horizontal tab position is the character width (when the command was specified)*n from the left margin.
- Enter n values in ascending order and end the settings with NUL.
- If an n value is smaller than a previous one, tab setting is ended.
- Even if the character width is changed after the horizontal tab positions have been specified, the horizontal tab position settings do not change.
- ESC D NUL cancels all horizontal tab positions.
- If the left margin is moved, the horizontal tab positions are also moved by the same amount.
- Up to 32 horizontal tab positions can be specified. However, horizontal tab positions beyond the right margin are invalid and only become valid when a change in the right margin setting or left margin setting moves the print area to include those tab positions.
- The character width when the horizontal tabs are specified includes the settings for the space between characters, setting for full size or half size characters. In addition, when a pitch of 10 cpi, 12 cpi or 15 cpi compressed characters or double-width characters are specified, that character width is considered as the unit.
- When proportional pitch is specified with ESC p, horizontal tab positions are specified at 10 cpi.
- When the printer is turned on, a horizontal tab position is specified every 8 columns at 10 cpi. Even if the character width is changed before the horizontal tab positions has been specified, the horizontal tab positions do not change.

**Example:**

After the left margin is specified as Column 3 and the right margin as Column 15, horizontal tabs were specified at Column 5 and Column 10, and HT were performed.

HT Perform horizontal tab

| | |
|--------------|----|
| ASCII: | HT |
| Decimal: | 9 |
| Hexadecimal: | 09 |

Parameters

None

Description

- Moves the horizontal print position to the nearest horizontal tab position to the right of the input position.
- If there is no horizontal tab position to the right of the input position, or if the next horizontal tab position is beyond the right margin, the HT command is ignored.
- If underlining is specified, the space between the current position and the next horizontal tab position is not underlined.
- When the printer is turned on, a horizontal tab position is specified every 8 columns at 10 cpi.
Even if the character width is changed before the horizontal tab positions have been specified, the horizontal tab positions do not change.
- This command is available only with left alignment.

Example

To specify horizontal tabs at Column 4, Column 8, and Column 12, and perform horizontal tabs:

| | |
|---------------|-------------------------------------|
| Code: | ESC D 04h 08h 0Ch 00h |
| | 123456789012 CR A HT B HT C HT D FF |
| Print result: | 123456789012 |
| | A B C D |

ESC \$ Specify absolute horizontal position

| | | | | |
|--------------|-----|----|----|----|
| ASCII: | ESC | \$ | n1 | n2 |
| Decimal: | 27 | 36 | n1 | n2 |
| Hexadecimal: | 1B | 24 | n1 | n2 |

Parameters
 $0 \leq n1 \leq 255, 0 \leq n2 \leq 255$
Description

- Specifies the absolute print position (in dots) for the next data.
- An absolute print position specifies the next print position as a number of dots from the left margin.
- n1 and n2 indicate the number of dots from the left margin.
(Number of dots= $n1+n2*256$)
- The dot spacing is calculated as 1/300 inch.
- The maximum number of dots that can be specified with n1 and n2 depends on the media.
- This command is available only with left alignment.

ESC \ Specify relative horizontal position

| | | | | |
|--------------|-----|----|----|----|
| ASCII: | ESC | \ | n1 | n2 |
| Decimal: | 27 | 92 | n1 | n2 |
| Hexadecimal: | 1B | 5C | n1 | n2 |

Parameters
 $0 \leq n1 \leq 255, 0 \leq n2 \leq 255$
Description

- Specifies the horizontal print position (in dots) as a relative position from the current position.
- A relative position specifies the next print position as a number of dots from the current position.
- n1 and n2 indicate the number of dots from the current position. (Number of dots= $n1+n2*256$)
- The dot spacing is calculated as 1/300 inch.
- Left margin position \leq horizontal position after moving $<$ right margin position
Horizontal position after moving= $n1+n2*256$
- The specified value for moving to the left is expressed as a two's complement. It is determined by the following equation.
 $n1+n2*256=65536$ -distance actually moved
- This command is available only with left alignment.

ESC a Specify alignment

| | | | |
|--------------|-----|----|---|
| ASCII: | ESC | a | n |
| Decimal: | 27 | 97 | n |
| Hexadecimal: | 1B | 61 | n |

Parameters

$0 \leq n \leq 3$ or "0" ≤ n ≤ "3"

Description

- Prints the subsequent text with the alignment described below, according to the value of n.
 - n=0 or 48 ("0"): Applies left alignment.
 - n=1 or 49 ("1"): Applies center alignment.
 - n=2 or 50 ("2"): Applies right alignment.
 - n=3 or 51 ("3"): Applies nothing.
- The default setting is n=0.
- Data is aligned between the left and right margins by entering a CR, LF, and FF code or by buffer printing.
- If the alignment setting is not at the beginning of the line, the alignment is specified after a line feed.
 - The beginning of the line indicates the left margin position for left alignment;
 - for right and center alignment, it means that no image or character is entered on the line.
- HT, ESC \ and ESC \$ are ignored when n=1 or n=2.
- If the print media is continuous length tape, the printing orientation is landscape and the page length is not specified, commands specifying alignment are ignored.

5.5 Vertical movement commands

LF **Line feed**

| | |
|--------------|----|
| ASCII: | LF |
| Decimal: | 10 |
| Hexadecimal: | 0A |

Parameters

None

Description

- Feeds the paper by the amount specified by a line feed command (ESC 0, ESC 2, ESC 3, ESC A).
- The print position becomes the beginning of the next line.
- The default value is a line feed of 48 dots.
- A carriage return immediately after a line feed is ignored.
- Both Auto-canceling double-width characters specified in ANK mode with SO or ESC SO and Chinese character mode with FS SO are canceled.
- Same process as CR

FF **Page feed**

| | |
|--------------|----|
| ASCII: | FF |
| Decimal: | 12 |
| Hexadecimal: | 0C |

Parameters

None

Description

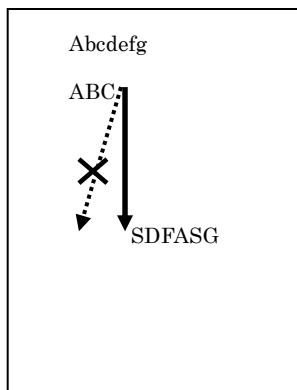
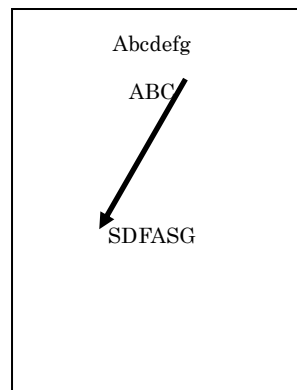
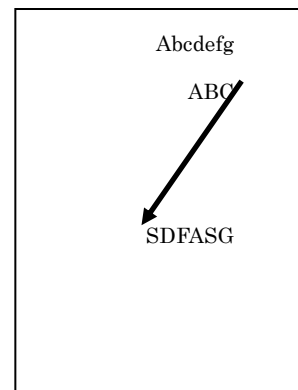
- Starts the printing.
- The previously entered data string of characters and commands is cleared after being printed.
- Both Auto-canceling double-width characters specified in ANK mode with SO or ESC SO and Chinese character mode with FS SO are canceled.

ESC J Forward paper feed

| | | | |
|--------------|-----|----|---|
| ASCII: | ESC | J | n |
| Decimal: | 27 | 74 | n |
| Hexadecimal: | 1B | 4A | n |

Parameters
 $0 \leq n \leq 255$
Description

- Ends input for the current line and moves the vertical print position forward by $n/300$ inch (=1 dot).
- If the bottom margin setting is exceeded, printing starts.
- With left alignment, the print position for the next line becomes the end position of the current line.
(The horizontal position does not move to the left margin.)
With right alignment and center alignment, the horizontal position moves to the beginning of the line.
- Both Auto-canceling double-width characters specified in ANK mode with SO or ESC SO and Chinese character mode with FS SO are canceled.

Left alignmentCenter alignmentRight alignment

Example: Performing a forward paper feed after the second line

ESC B Specify vertical tab position

| | | | | |
|--------------|-----|----|------------------|-----|
| ASCII: | ESC | B | [n] _k | NUL |
| Decimal: | 27 | 66 | [n] _k | 0 |
| Hexadecimal: | 1B | 42 | [n] _k | 00h |

Parameters
 $1 \leq n \leq 255$
 $0 \leq k \leq 16$
Description

- The vertical tab position is the line feed amount (when this command was specified)*n from the top margin.
- Enter n values in ascending order and end the settings with NUL.
- If an n value is smaller than a previous one, tab setting is ended.
- Up to 16 vertical tabs can be specified.
- ESC B NUL cancels all vertical tab positions.
- Use VT to move to the vertical tab position.
- When changing vertical tab positions, specify all positions again.
- If the top margin is moved, the vertical tab positions are also moved by the same amount.
- Even if the line feed amount is changed after the vertical tab positions have been specified, the vertical tab position settings do not change.
- Performing a VT when no vertical tabs have been specified is equal to performing a CR.

VT Perform vertical tab

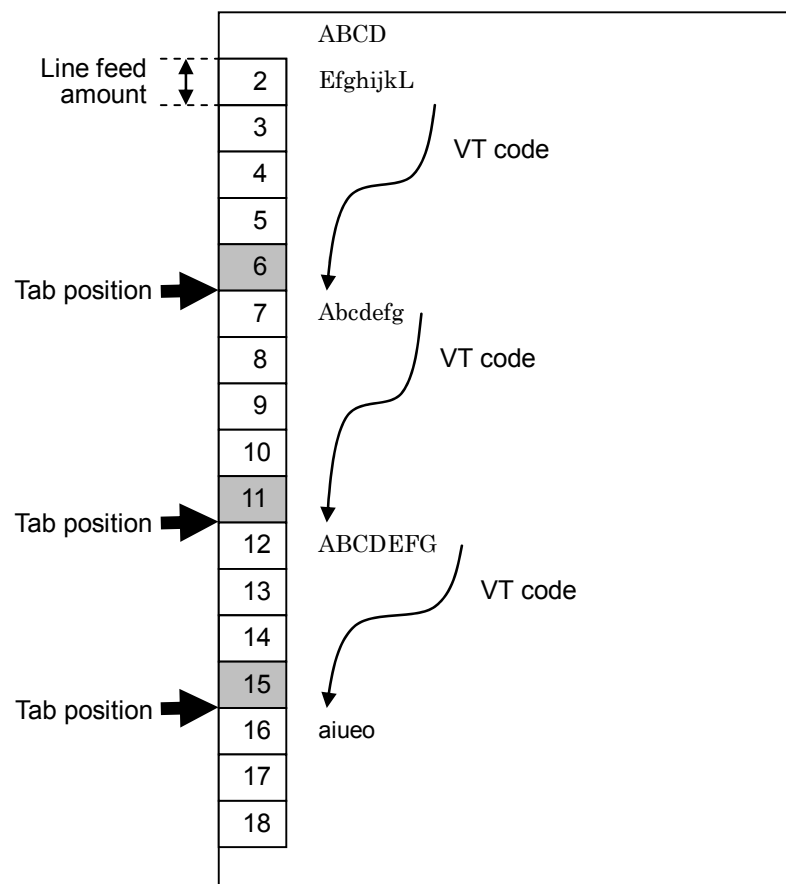
| | |
|--------------|----|
| ASCII: | VT |
| Decimal: | 11 |
| Hexadecimal: | 0B |

Parameters

None

Description

- Moves the print position to the nearest vertical tab position down from the input position.
- The next horizontal print position becomes the beginning of the line.
- If the next vertical tab position extends beyond the bottom margin, characters are placed at TOF position fo the next page.



Example: Vertical tabs are specified at Lines 6, 11, and 15, and data is entered while VT are performed.

- When all vertical tab positions have been canceled by an initialization or with ESC B NUL, performing VT is equal to performing CR.
- Both Auto-canceling double-width characters specified in ANK mode with SO or ESC SO and Chinese character mode with FS SO are canceled.

ESC (V) Specify absolute vertical position

| | | | | | | | |
|--------------|-----|----|----|----|----|----|----|
| ASCII: | ESC | (| V | nL | nH | mL | mH |
| Decimal: | 27 | 40 | 86 | nL | nH | mL | mH |
| Hexadecimal: | 1B | 28 | 56 | nL | nH | mL | mH |

Parameters

nL=2

nH=0

 $0 \leq mL \leq 255$ $0 \leq mH \leq 127$ Description

- Specifies the vertical print position as an absolute position from the top margin position.
Vertical position = $mL + mH * 256 + \text{top margin}$
- The absolute vertical position is measured from the top margin position when this command was specified.
- If a position extending beyond the bottom margin is specified, printing starts.
- There is no restriction on the amount of movement back (upward) from the current position.
- With left alignment, the print position for the next line becomes the end position of the current line.
(The horizontal position does not move to the left margin.)
With right alignment and center alignment, the horizontal position moves to the beginning of the line.
- Both Auto-canceling double-width characters specified in ANK mode with SO or ESC SO and Chinese character mode with FS SO are canceled.

ESC (v) Specify relative vertical position

| | | | | | | | |
|--------------|-----|----|-----|----|----|----|----|
| ASCII: | ESC | (| v | nL | nH | mL | mH |
| Decimal: | 27 | 40 | 118 | nL | nH | mL | mH |
| Hexadecimal: | 1B | 28 | 76 | nL | nH | mL | mH |

Parameters

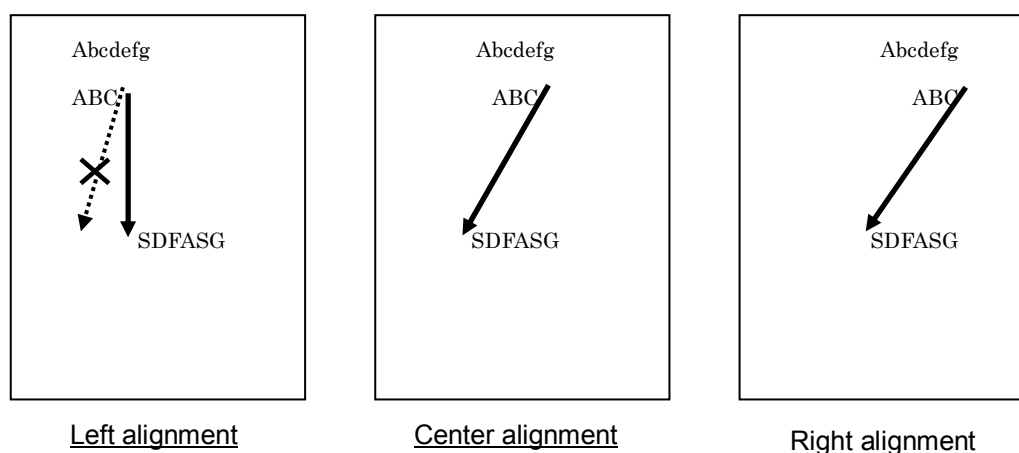
nL=2

nH=0

 $0 \leq mL \leq 255$ $0 \leq mH \leq 127$ $-16384 \leq (mL + mH * 256) \leq 16383$ Description

- Specifies the vertical print position* as a relative position from the current position.
Vertical position after movement = $mL + mH * 256 + \text{current position}$
- When moving upwards, the specified value is expressed as a two's complement.
It is determined by the following equation.
 $mL + mH * 256 = 65536 - \text{distance actually moved}$
- Settings moving the print position above the top margin are ignored.
- If a position extending beyond the bottom margin is specified, printing starts.
- With left alignment, the print position for the next line becomes the end position of the current line.
(The horizontal position does not move to the left margin.)
With right alignment and center alignment, the horizontal position moves to the beginning of the line.
- Both Auto-canceling double-width characters specified in ANK mode with SO or ESC SO and Chinese character mode with FS SO are canceled.

* Print position : The print position is the standard position for printing characters, bitmaps, and barcodes.



Example: Moving to a vertical position specified after the second line

5.6 Paper formatting commands

ESC (c Specify page format

| | | | | | | | | | |
|--------------|-----|----|----|----|----|----|----|----|----|
| ASCII: | ESC | (| c | nL | nH | tL | tH | BL | BH |
| Decimal: | 27 | 40 | 99 | nL | nH | tL | tH | BL | BH |
| Hexadecimal: | 1B | 28 | 63 | nL | nH | tL | tH | BL | BH |

Parameters

nL=4, nH=0

$(tL+tH*256)<(BL+BH*256)$

Top margin<bottom margin

Description

- Specifies settings for the top and bottom margins.
- The physically printable area depends on the media.
The top margin and the bottom margin are specified in units of 1/300 inch (=1 dot) using the top edge of the physically printable area as the reference.
(The left margin and the right margin use the left edge of the physically printable area as the reference.)
- Top margin= $tL+tH*256$
- Bottom margin= $BL+BH*256$
- The top margin position is the TOF in the vertical direction.
- All previously entered text is cleared.
- The character baseline for the first line of text is 24/300 inch (=24 dots) below the top margin.
- When this command is used previously specified top and bottom margins are canceled.
- A standard unit is not used.
- If the print media is continuous length tape, the printing orientation is landscape and the page length is not specified, commands specifying the page format are ignored.
- If the minimum margin has been set to 3 mm and the printing orientation is landscape, both the top and bottom margins increase by 1 mm.

ESC (C) Specify page length

| | | | | | | | |
|--------------|-----|----|----|----|----|----|----|
| ASCII: | ESC | (| C | nL | nH | mL | mH |
| Decimal: | 27 | 40 | 67 | nL | nH | mL | mH |
| Hexadecimal: | 1B | 28 | 43 | nL | nH | mL | mH |

Parameters

nL=2, nH=0

0<(mL+mH*256)<12000

Description

- Specifies the page length.
- The unit is 1/300 inch (=1 dot).
Page length=mL+mH*256
- The current paper position is the TOF.
- The top and bottom margins are canceled with ESC (c).
- All previously entered text is cleared.
- A standard unit is not used.
- This command is available only with continuous length tape.

Inch, mm, and dot conversion table

| inch | mm | Number of dots |
|------|-------|----------------|
| 0 | 0.0 | 0 |
| 1 | 25.4 | 300 |
| 2 | 50.8 | 600 |
| 3 | 76.2 | 900 |
| 4 | 101.6 | 1200 |
| 5 | 127.0 | 1500 |
| 6 | 152.4 | 1800 |
| 7 | 177.8 | 2100 |
| 8 | 203.2 | 2400 |
| 9 | 228.6 | 2700 |
| 10 | 254.0 | 3000 |
| 11 | 279.4 | 3300 |
| 12 | 304.8 | 3600 |
| 13 | 330.2 | 3900 |
| 14 | 355.6 | 4200 |
| 15 | 381.0 | 4500 |
| 16 | 406.4 | 4800 |
| 17 | 431.8 | 5100 |
| 18 | 457.2 | 5400 |
| 19 | 482.6 | 5700 |
| 20 | 508.0 | 6000 |

ESC U Specify minimum margin

| | | | |
|--------------|-----|----|---|
| ASCII: | ESC | U | n |
| Decimal: | 27 | 85 | n |
| Hexadecimal: | 1B | 55 | n |

Parameters

2≤n≤3 or "2"≤n≤"3"

Description

- Specifies the minimum margin amount.
- n=2 or 50 ("2"): Specifies a minimum margin of 2 mm.
- n=3 or 51 ("3"): Specifies a minimum margin of 3 mm.
- Using this command clears all text.

5.7 Printer control commands

ESC @ Initialize

| | | |
|--------------|-----|----|
| ASCII: | ESC | @ |
| Decimal: | 27 | 64 |
| Hexadecimal: | 1B | 40 |

Parameters

None

Description

- Returns all commands to their default settings. (See below.)

| Item | Default |
|---|---|
| Input buffer | Saved |
| Text buffer | Cleared |
| Print buffer | Cleared |
| Top margin | 0 dot |
| Bottom margin | Depends on media |
| Left margin | 0 dot |
| Right margin | Depends on media |
| Line feed amount | 48 dots* |
| Horizontal tab positions | Horizontal tab every 8 characters (based on a character width of 10 cpi)* |
| Vertical tab positions | None |
| Size of ANK characters | 32 dots |
| Space between ANK characters | 0 dot |
| Size of Chinese characters | 32 dots |
| Left margin for full size characters | 0 dot |
| Right margin for full size characters | 0 dot |
| Left margin for half size characters | 0 dot |
| Right margin for half size characters | 0 dot |
| Proportional pitch | Canceled* |
| International character set | USA* |
| Style of ANK characters | Canceled |
| Compressed | Canceled |
| ANK mode/Chinese character mode | ANK mode |
| Vertical writing/Horizontal writing | Horizontal writing |
| Full size/Half size/quarter square characters | Full size |
| Adjustment for half size space | Canceled |
| Styale of Chinese characters | Canceled |
| Horizontal print position | Left margin position |
| Vertical print position | Top margin position (TOF position) |
| Landscape setting | Canceled* |
| Page length setting | Canceled* |
| Cut setting | Auto cut (manufacturer's default) |
| Minimum margin amount | 3 mm* |

* May differ depending on the user settings.

5.8 Graphics commands

ESC * Select bit image

| | | | | | | |
|--------------|-----|----|---|----|----|------|
| ASCII: | ESC | * | m | n1 | n2 | Data |
| Decimal: | 27 | 42 | m | n1 | n2 | Data |
| Hexadecimal: | 1B | 2A | m | n1 | n2 | Data |

Parameters

m=0, 1, 2, 3, 4, 6, 32, 33, 38, 39, 40, 71, 72, 73

0≤n1≤255, 0≤n2≤11

The image data is as follows:

- n1+n2*256 bytes when m=0, 1, 2, 3, 4, 6
- (n1+n2*256)*3 bytes when m=32, 33, 38, 39, 40
- (n1+n2*256)*6 bytes when m=71, 72, 73

Description

- Selects and outputs a bit image according to the value of m.
- n1 and n2 indicate the number of dot positions.

n1: The remainder from dividing the number of dot positions by 256

n2: The quotient from dividing the number of dot positions by 256

| m | Horizontal Dot Density | Vertical Dot Density | Horizontal Dot Resolution | Vertical Dot Resolution |
|----|------------------------|----------------------|---------------------------|-------------------------|
| 0 | 60 dpi | 60 dpi | 6/300 inch | 6/300 inch |
| 1 | 120 dpi | 60 dpi | 3/300 inch | 6/300 inch |
| 2 | 120 dpi | 60 dpi | 3/300 inch | 6/300 inch |
| 3 | 240 dpi | 60 dpi | 2/300 inch | 6/300 inch |
| 4 | 80 dpi | 60 dpi | 4/300 inch | 6/300 inch |
| 6 | 90 dpi | 60 dpi | 4/300 inch | 6/300 inch |
| 32 | 60 dpi | 180 dpi | 6/300 inch | 2/300 inch |
| 33 | 120 dpi | 180 dpi | 3/300 inch | 2/300 inch |
| 38 | 90 dpi | 180 dpi | 4/300 inch | 2/300 inch |
| 39 | 180 dpi | 180 dpi | 2/300 inch | 2/300 inch |
| 40 | 300 dpi | 180 dpi | 1/300 inch | 2/300 inch |
| 71 | 180 dpi | 360 dpi | 2/300 inch | 1/300 inch |
| 72 | 360 dpi | 360 dpi | 1/300 inch | 1/300 inch |
| 73 | 360 dpi | 360 dpi | 1/300 inch | 1/300 inch |

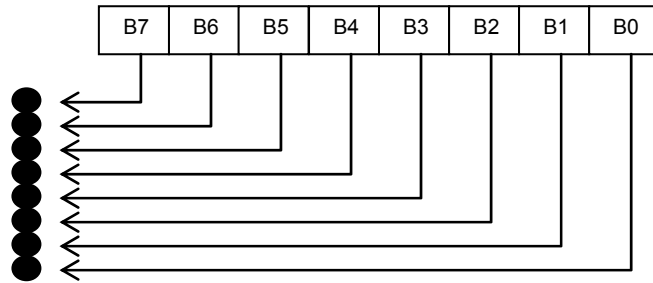
- Horizontally neighboring dots are not omitted.

Limitations:

A maximum of 63 can be used with this command.

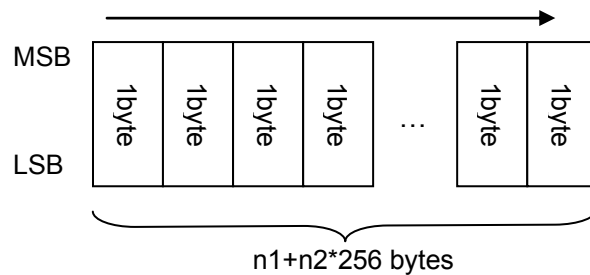
When m=0, 1, 2, 3, 4, 6

- n1 and n2 indicate the number of dot positions.
 - n1: The remainder from dividing the number of dot positions by 256
 - n2: The quotient from dividing the number of dot positions by 256

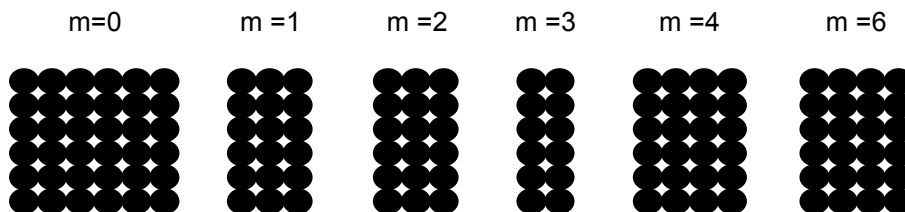


Relationship between the image data and the dots

- First, the data is lined up in one row as follows:



- One dot of the image data is enlarged as follows, according to the value of m.

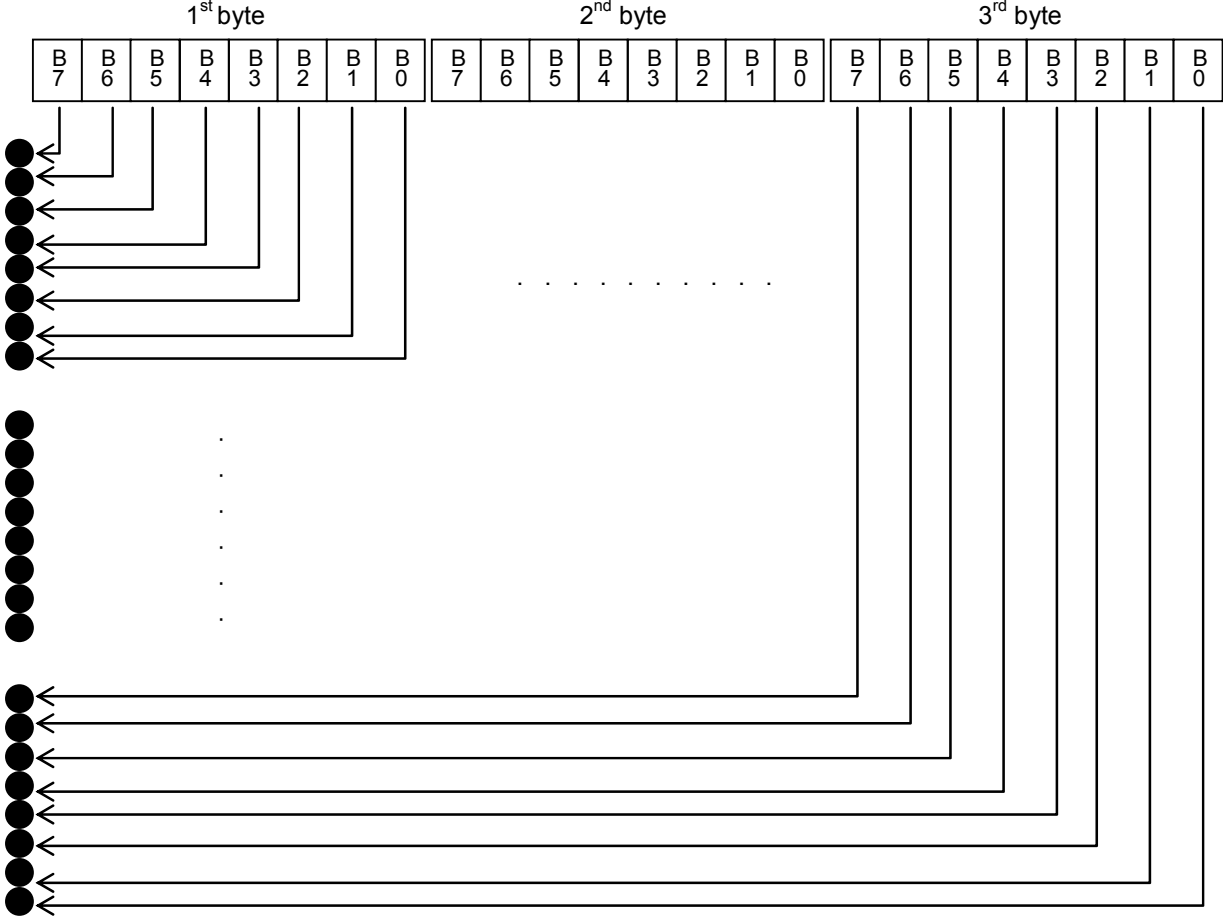


- As a result, the image is sized depending on the value of m, as follows:

- m=0 48 dots vertically × (n1+n2*256)*6 dots horizontally
- m=1 48 dots vertically × (n1+n2*256)*3 dots horizontally
- m=2 48 dots vertically × (n1+n2*256)*3 dots horizontally
- m=3 48 dots vertically × (n1+n2*256)*2 dots horizontally
- m=4 48 dots vertically × (n1+n2*256)*4 dots horizontally
- m=6 48 dots vertically × (n1+n2*256)*4 dots horizontally

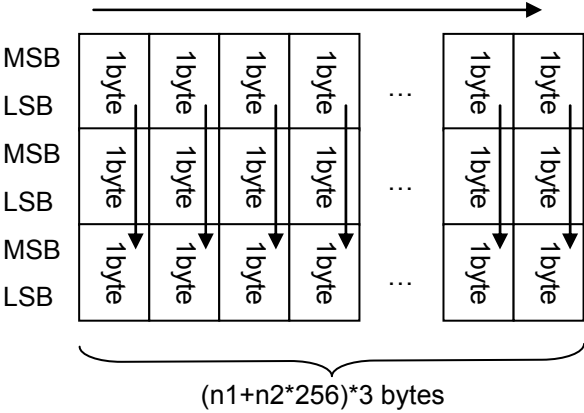
When m=32, 33, 38, 39, 40

- n1 and n2 indicate the number of dot positions.
 - n1: The remainder from dividing the number of dot positions by 256
 - n2: The quotient from dividing the number of dot positions by 256

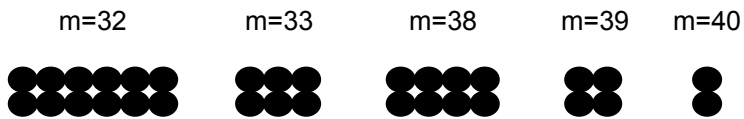


Relationship between the image data and the dots

First, the data is lined up in three rows as follows:



- One dot of the image data is enlarged as follows, according to the value of m.

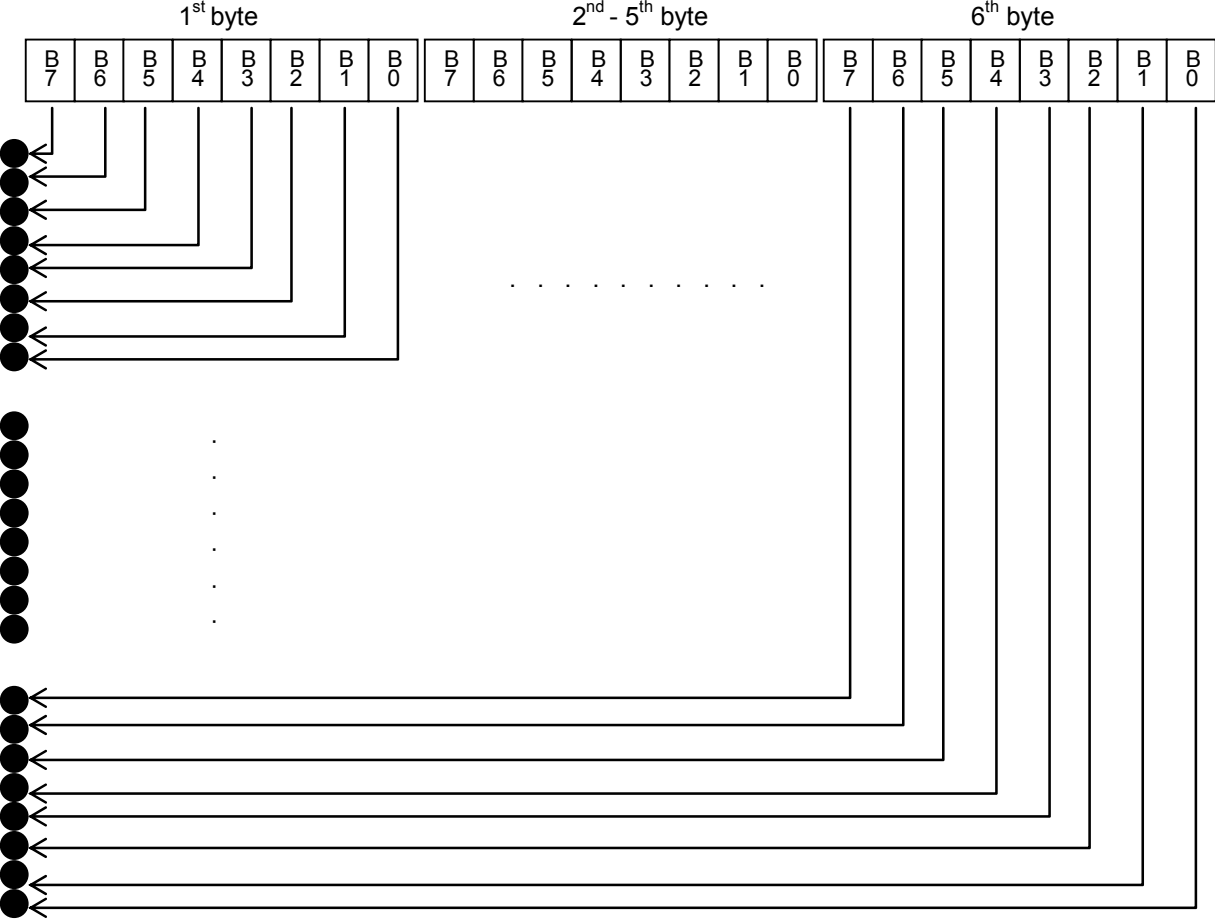


- As a result, the image is sized depending on the value of m, as follows:

| | |
|------|--|
| m=32 | 48 dots vertically × (n1+n2*256)*6 dots horizontally |
| m=33 | 48 dots vertically × (n1+n2*256)*3 dots horizontally |
| m=38 | 48 dots vertically × (n1+n2*256)*4 dots horizontally |
| m=39 | 48 dots vertically × (n1+n2*256)*2 dots horizontally |
| m=40 | 48 dots vertically × (n1+n2*256)*1 dot horizontally |

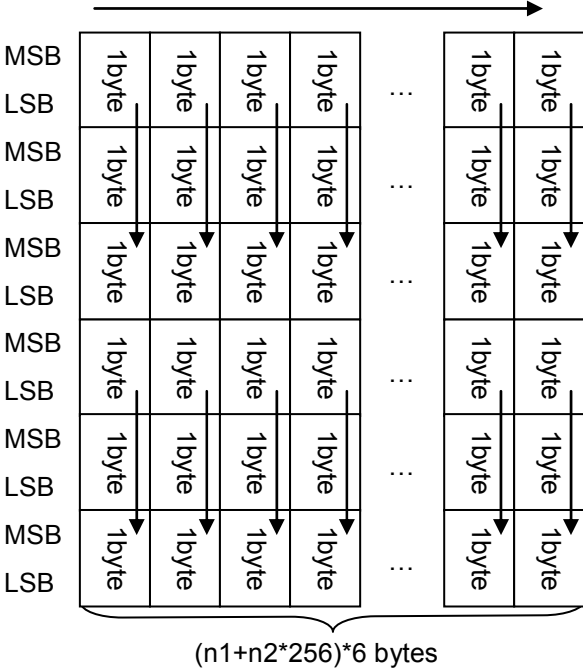
When m=71, 72, 73

- n1 and n2 indicate the number of dot positions.
 - n1: The remainder from dividing the number of dot positions by 256
 - n2: The quotient from dividing the number of dot positions by 256



Relationship between the image data and the dots

First, the data is lined up in six rows as follows:



- One dot of the image data is enlarged as follows, according to the value of m.



- As a result, the image is sized depending on the value of m, as follows:

- m=71 48 dots vertically \times $(n1+n2*256)*2$ dots horizontally
- m=72 48 dots vertically \times $(n1+n2*256)*1$ dot horizontally
- m=73 48 dots vertically \times $(n1+n2*256)*1$ dot horizontally

ESC K 8-dot single-density bit image

| | | | | | |
|--------------|-----|----|----|----|------|
| ASCII: | ESC | K | n1 | n2 | Data |
| Decimal: | 27 | 75 | n1 | n2 | Data |
| Hexadecimal: | 1B | 4B | n1 | n2 | Data |

Parameters

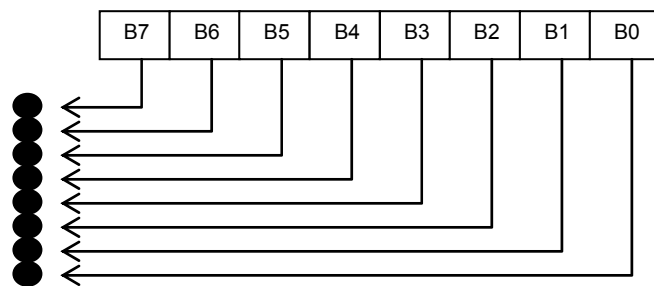
$0 \leq n1 \leq 255, 0 \leq n2 \leq 3$

The data contains $n1 + n2 * 256$ bytes of image data.

Description

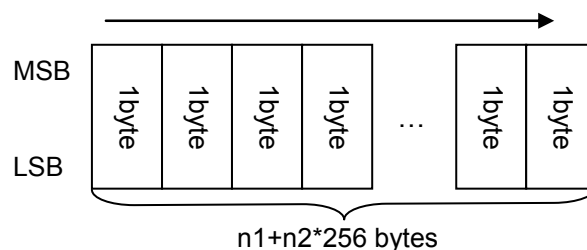
Specifies that an 8-dot single-density bit image is printed with the number of dot positions indicated by n1 and n2.

- n1 and n2 indicate the number of dot positions.
 - n1: The remainder from dividing the number of dot positions by 256
 - n2: The quotient from dividing the number of dot positions by 256

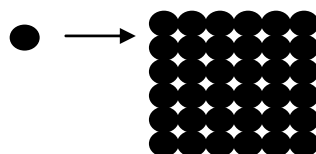


Relationship between the image data and the dots

- First, the data is lined up in one row as follows:



- One dot of image data is enlarged to 6 dots vertically by 6 dots horizontally.



- As a result, the image is 48 dots vertically by $(n1 + n2 * 256) * 6$ dots horizontally.

ESC L 8-dot double-density bit image

| | | | | | |
|--------------|-----|----|----|----|------|
| ASCII: | ESC | L | n1 | n2 | Data |
| Decimal: | 27 | 76 | n1 | n2 | Data |
| Hexadecimal: | 1B | 4C | n1 | n2 | Data |

Parameters

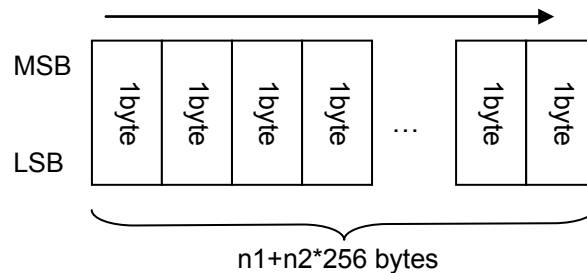
$0 \leq n1 \leq 255$, $0 \leq n2 \leq 3$

The data contains $n1 + n2 * 256$ bytes of image data.

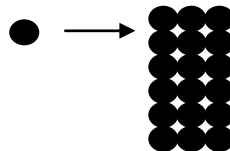
Description

Specifies that an 8-dot double-density bit image is printed with the number of dot positions indicated by $n1$ and $n2$.

- $n1$ and $n2$ are specified in the same way as with ESC K.
- First, the data is lined up in one row as follows:



- One dot of image data is enlarged to 6 dots vertically by 3 dots horizontally.



- As a result, the image is 48 dots vertically by $(n1 + n2 * 256) * 3$ dots horizontally.

ESC Y 8-dot double-speed double-density bit image

| | | | | | |
|--------------|-----|----|----|----|------|
| ASCII: | ESC | Y | n1 | n2 | Data |
| Decimal: | 27 | 89 | n1 | n2 | Data |
| Hexadecimal: | 1B | 59 | n1 | n2 | Data |

Parameters

$0 \leq n1 \leq 255, 0 \leq n2 \leq 3$

The data contains $n1 + n2 * 256$ bytes of image data.

Description

- Same as for an 8-dot double-density bit image. Horizontally neighboring dots are not omitted.

ESC Z 8-dot quadruple-density bit image

| | | | | | |
|--------------|-----|----|----|----|------|
| ASCII: | ESC | Z | n1 | n2 | Data |
| Decimal: | 27 | 90 | n1 | n2 | Data |
| Hexadecimal: | 1B | 5A | n1 | n2 | Data |

Parameters

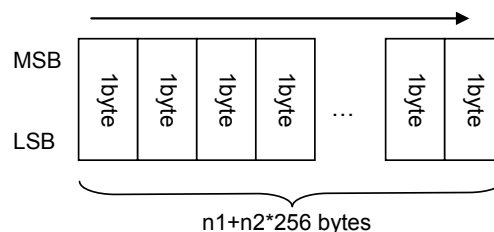
$0 \leq n1 \leq 255, 0 \leq n2 \leq 7$

The data contains $n1 + n2 * 256$ bytes of image data.

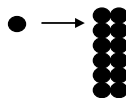
Description

Specifies that an 8-dot quadruple-density bit image is printed with the number of dot positions indicated by $n1$ and $n2$.

- $n1$ and $n2$ are specified in the same way as with ESC K.
- Horizontally neighboring dots are not omitted.
- First, the data is lined up in one row as follows:



- One dot of image data is enlarged to 6 dots vertically by 2 dots horizontally.



- As a result, the image is 48 dots vertically by $(n1 + n2 * 256) * 2$ dots horizontally.

5.9 Chinese character commands

FS & Specify Chinese character mode

| | | |
|--------------|----|----|
| ASCII: | FS | & |
| Decimal: | 28 | 38 |
| Hexadecimal: | 1C | 26 |

Parameters

None

Description

- Specifies the Chinese character mode.
- Chinese characters are expressed in 2 or 4 bytes. Enter from upper byte to lower byte sequentially.
- Chinese character code is based on GB18030-2000.

FS . Cancel Chinese character mode

| | | |
|--------------|----|----|
| ASCII: | FS | . |
| Decimal: | 28 | 46 |
| Hexadecimal: | 1C | 2E |

Parameters

None

Description

- Cancel Chinese character mode.

FS J Specify vertical writing

| | | |
|--------------|----|----|
| ASCII: | FS | J |
| Decimal: | 28 | 74 |
| Hexadecimal: | 1C | 4A |

Parameters

None

Description

- All the Chinese characters written after this command are written in vertical writing.

FS K Specify horizontal writing

| | | |
|--------------|----|----|
| ASCII: | FS | K |
| Decimal: | 28 | 75 |
| Hexadecimal: | 1C | 4B |

Parameters

None

Description

- All the Chinese characters written after this command are written in horizontal writing.
- Default setting is horizontal writing.

FS S Specify size of space for full size characters

| | | | | |
|--------------|----|----|----|----|
| ASCII: | FS | S | n1 | n2 |
| Decimal: | 28 | 83 | n1 | n2 |
| Hexadecimal: | 1C | 53 | n1 | n2 |

Parameters
 $0 \leq n1 \leq 127$
 $0 \leq n2 \leq 127$
Description

- Specify size of space for both left and right of full size characters.
- Space size for left is specified by "n1" and right is specified by "n2" in dot for each characters.
- 1dot = 1/300 inch
- The default space size for both left and right are 0.
- When it comes to double size characters, the size of space also becomes double.

FS T Specify size of space for half size characters

| | | | | |
|--------------|----|----|----|----|
| ASCII: | FS | T | n1 | n2 |
| Decimal: | 28 | 84 | n1 | n2 |
| Hexadecimal: | 1C | 54 | n1 | n2 |

Parameters
 $0 \leq n1 \leq 127$
 $0 \leq n2 \leq 127$
Description

- Specify size of space for both left and right of half size characters.
- Space size for left is specified by "n1" and right is specified by "n2" in dot for each characters.
- 1dot = 1/300 inch
- The default space size for both left and right are 0.
- Size set with this command is applied only for horizontal writing. When it comes to vertical writing, size set for full size characters is applied.

FS U Space adjustment between half size characters

| | | |
|--------------|----|----|
| ASCII: | FS | U |
| Decimal: | 28 | 85 |
| Hexadecimal: | 1C | 55 |

Parameters

None

Description

- Add 1dot as adjustment to the right side of space for each half size characters.
- 1dot = 1/300 inch
- Adjustment of size of space between half size characters is canceled by default setting.

FS V Cancel space adjustment between half size characters

| | | |
|--------------|----|----|
| ASCII: | FS | V |
| Decimal: | 28 | 86 |
| Hexadecimal: | 1C | 56 |

Parameters

None

Description

- Cancel an adjustment of size of space between half size characters.
- This command is valid in default setting.

FS W Select double height and width characters

| | | | |
|--------------|----|----|---|
| ASCII: | FS | W | n |
| Decimal: | 28 | 87 | n |
| Hexadecimal: | 1C | 57 | n |

Parameters

n=0, 1 or 48 ("0"), 49 ("1")

Description

- Specify/Cancel double height and width characters.
 - n=1 or 49 ("1"): Specify double height and width characters.
 - n=0 or 48 ("0"): Cancel double height and width characters.
- This command is valid for all the Chinese characters.
- Double height and width character has double size of height and double size of width compared to full size character.
- Feed length is 24/300 inch longer than that of using full size characters.
- When canceling double height and width characters, specification for both quarter square characters and half size characters are also canceled.

FS Y Specify Chinese character size

| | | | | | | | | |
|--------------|----|----|----|----|----|----|----|----|
| ASCII: | FS | Y | mL | mH | nL | nH | pL | pH |
| Decimal: | 28 | 89 | mL | mH | nL | nH | pL | pH |
| Hexadecimal: | 1C | 59 | mL | mH | nL | nH | pL | pH |

Parameters

| | |
|-----------------------------|--|
| Character width: | The value of mL and mH is irrelevant. |
| Character size(vertical): | <Bitmap fonts> Valid only with: nL=16, 24, 32, 48, 64, 96, 128, 144, 192, 240 nH=0 nL=0, 32, 64, 80, 128 nH=1 |
| Character size(horizontal): | The value of pL and pH is irrelevant. |

The height and width are in the ratio of 1:1. A character size is specified by its height.

Description

- This command is used only to change the Chinese character size.
- The character size of Chinese character is specified as $n=nL+nH*256$ dots.
- The width and the height are the same.
- With bitmap fonts, only $n=16, 24, 32, 48, 64, 96, 128, 144, 192, 240, 256, 288, 320, 336$ and 384 are valid.
- The commands for specifying double width characters, double height and width characters, half size characters, quarter square characters, space size of full size characters, space size of half size characters (SO, ESC W, ESC !, FS !, FS W, FS SI, FS r, FS S, FS T, FS U) remain available.

FS r Specify quarter square characters

| | | | |
|--------------|----|----|---|
| ASCII: | FS | r | n |
| Decimal: | 28 | 86 | n |
| Hexadecimal: | 1C | 56 | n |

Parameters

n=0, 1 or 48 ("0"), 49 ("1")

Description

- Specify quarter square characters.
- All the characters in the Chinese character code matrix are printed as a quarter square character.
- "n" specifies the position of a quarter square character.
 - n=1 or 49 ("1"): Place a superscript.
 - n=0 or 48 ("0"): Place a subscript.
- This command is canceled by either FS S or FS DC2 command.
- Space between quarter square characters is same as the one between half size characters.
 - FT T, FS U or FS V are the command to adjust a size of space for quarter square characters.

FS - Apply Chinese character underlining

| | | | |
|--------------|----|----|---|
| ASCII: | FS | - | n |
| Decimal: | 28 | 45 | n |
| Hexadecimal: | 1C | 2D | n |

Parameters

n=0, 1, 2, 3, 4 or 48 ("0"), 49 ("1"), 50 ("2"), 51 ("3"), 52 ("4")

Description

- Applies or cancels underlining.
 - n=4 or 52 ("4"): Applies underlining with a width of 4 dots.
 - n=3 or 51 ("3"): Applies underlining with a width of 3 dots.
 - n=2 or 50 ("2"): Applies underlining with a width of 2 dots.
 - n=1 or 49 ("1"): Applies underlining with a width of 1 dot.
 - n=0 or 48 ("0"): Cancels underlining.
- This command is valid anywhere in a text line.
- The underlining specified by this code is a continuous line.
- Spaces between characters and words are also underlined.
- Areas with the "specify absolute horizontal position" (ESC \$) and "specify relative horizontal position" (ESC \) commands are not Chinese character underlined.
- Bit images and barcodes are not underlined either.
- 4/300 inch (4 dots) is added to the line feed amount for lines that include underlined characters.
- The underline is positioned as follows:

| Underline | Underline Position |
|-------------|--|
| 1 dot wide | When horizontal writing: 2/300 inch (second dot) below the characters When vertical writing: 2/300 inch (second dot) above the characters |
| 2 dots wide | When horizontal writing: 2/300 inch (second dot) below the characters Between 2/300 inch (second dot) and 3/300 inch (third dot) below the characters When vertical writing: 2/300 inch (second dot) above the characters Between 2/300 inch (second dot) and 3/300 inch (third dot) above the characters |
| 3 dots wide | When horizontal writing: Between 1/300 inch (first dot) and 3/300 inch (third dot) below the characters When vertical writing: Between 1/300 inch (first dot) and 3/300 inch (third dot) above the characters |
| 4 dots wide | When horizontal writing: Between 1/300 inch (first dot) and 4/300 inch (fourth dot) below the characters When vertical writing: Between 1/300 inch (first dot) and 4/300 inch (fourth dot) above the characters |

FS ! Global Formatting for Chinese character

| | | | |
|--------------|----|----|---|
| ASCII: | FS | ! | n |
| Decimal: | 28 | 33 | n |
| Hexadecimal: | 1C | 21 | n |

Parameters

0≤n≤255

Description

- Specify Global Format for Chinese character.

| Bit | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
|-----|-----------|---------|----------------------------------|-------------------|------------------|--------------|------------|-----------------------|
| 1 | Underline | Italics | Subscript quarter square | Quarter square | Double height | Double width | Half width | Vertical writing |
| 0 | Cancel | Cancel | Superscript quarter square | Cancel | Cancel | Cancel | Cancel | Horizontal writing |

- Bit 1 is ignored when both bit 4 and bit 1 are 1.
- Bit 6 is ignored when both bit 0 and bit 6 are 1.
- Character data is handled sequentially from selecting character(including superscript and subscript), vertical or horizontal writing to magnification.
- The bit priority is below.
Bit 4 > Bit 3 > Bit 1
Bit 4 > Bit 2 > Bit 1
- When Bit 2 and Bit 3 become 1, the character becomes double height and width same as specifying with FS W command.
- Bit 5 is available only when bit 4 is 1.

FS SI Specify half-width characters

| | | |
|--------------|----|----|
| ASCII: | FS | SI |
| Decimal: | 28 | 15 |
| Hexadecimal: | 1C | 0F |

Parameters

None

Description

- All the Chinese characters written after this command are printed as half size.
- Full size characters are printed as half size.

FS DC2 Cancel half-width characters

| | | |
|--------------|----|-----|
| ASCII: | FS | DC2 |
| Decimal: | 28 | 18 |
| Hexadecimal: | 1C | 12 |

Parameters

None

Description

- Cancel half size specification by FS SI.
- Quarter square character specification by FS r is also canceled with this command.

FS SO Specify auto-canceling double-width character

| | | |
|--------------|----|----|
| ASCII: | FS | SO |
| Decimal: | 28 | 14 |
| Hexadecimal: | 1C | 0E |

Parameters

None

Description

- All the characters written after this command are printed as double size characters. A double size character is as twice wider as a full size character.
- Available for both ANK and Chinese characters.
- Canceled by ESC \$ or ESC \.

FS DC4 Cancel auto-canceling double-width character

| | | |
|--------------|----|-----|
| ASCII: | FS | DC4 |
| Decimal: | 28 | 20 |
| Hexadecimal: | 1C | 14 |

Parameters

None

Description

- Cancel double character specified ESC SO, SO, FE SO command.
- Available for both ANK and Chinese characters.

5.10 Advanced commands

ESC i B Barcode

| | | | | |
|--------------|-----|-------------------------|------------------------------|--------------------|
| ASCII: | ESC | i [Parameters] | B or b [Barcode data] | Backslash |
| Decimal: | 27 | 105 [Parameters] | 66 or 98 [Barcode data] | 92 |
| Hexadecimal: | 1B | 69 [Parameters] | 42 or 62 [Barcode data] | 5C |
| Format: | ESC | i [<u>Parameters</u>] | <u>B or b [Barcode data]</u> | <u>[Backslash]</u> |
| | | (1) | (2) (3) | (4) |

Parameters**(1) [Parameters]: Barcode parameters**

| | |
|--------------------------------------|--|
| T or t (type) | t0: CODE39 t1: ITF (I-2/5) t5: EAN-8, EAN-13, UPC-A t6: UPC-E t9: CODABAR ta: CODE128 tb: GS1-128 (UCC/EAN-128) tc: RSS symbols td: CODE93 te: POSTNET tf: UPC/EAN EXTENTION |
| s (style) | Ignored |
| p (number of passes) | Ignored |
| R or r (characters below barcode) | r0: OFF r1: ON |
| u (units of measurement) | Ignored |
| x (horizontal position) | Ignored |
| y (vertical offset) | Ignored |

| | |
|--|---|
| h (height) | <p>h n1 n2 Height=$n1+n2*256$ (dots) $48 \leq \text{height} \leq 480$ If height < 48, height = 48. If height > 480, height = 480.</p> <p>However, the height is as shown below with tc.</p> <p>131 ≤ height ≤ 720 (RSS-14 Standard) 71 ≤ height ≤ 720 (RSS-14 Truncated) 71 ≤ height ≤ 720 (RSS-14 Stacked) 239 ≤ height ≤ 720 (RSS-14 Stacked Omni) 62 ≤ height ≤ 720 (RSS Limited) 134 ≤ height ≤ 720 (RSS Expanded)</p> <p>If height < min., height = min. If height > max., height = max.</p> |
| w (width) | <p>w0: extra small w1: small w2: medium w3: large w4: extra extra small</p> |
| E or e (parentheses deletion) | <p>e0: ON e1: OFF</p> |
| o (RSS symbols model) | <p>o0: RSS-14 Standard o1: RSS-14 Truncated o2: RSS-14 Stacked o3: RSS-14 Stacked Omnidirectional o4: RSS Limited o5: RSS Expanded Standard o6: RSS Expanded Stacked</p> |
| c (number of horizontal characters for RSS Expanded Stacked) | <p>c: No. of horizontal characters This must be an even value where $2 \leq \text{no. of horizontal characters} \leq 20$.</p> |
| z (ratio between thick and thin bars) | <p>z0: (3:1) z1: (2.5:1) z2: (2:1)</p> |
| f (equalize bar lengths) | <p>f0: OFF f1: ON</p> |

(A barcode with a large number of stacked rows may be considered out of specifications and unreadable by the reader.)

Note

- * For parameter numerals 0–9, both 00h–09h and 30h–39h are recognized.
- * For parameter hexadecimals a–f, both 0ah–0fh and 61h–66h are recognized.
- * The parameter types a, b, c, d, e and f are recognized even when uppercase.
- * The parameter “parentheses deletion” is available only when GS1-128 (UCC/EAN-128) is selected.
- * The parameter “ratio between thick and thin bars” is available only when t0, t1 or t9 is selected.
- * The parameter “equalize bar lengths” is available only when t5 or t6 is selected.
- * If any other type is selected, these parameters are ignored.
- * When there is no type command or an invalid type command has been specified, CODE39 is specified.
- * The number of characters that can be entered for each barcode type is as follows:
 - t0: 1–50 characters (“*” is not included)
 - t1: 1–64 characters
 - t5: 7 characters (for EAN-8)
12 characters (for EAN-13)
11 characters (for UPC-A)
 - t6: 6 characters
 - t9: 3–64 characters (Must begin and end with A, B, C, or D.)
Lowercase letters “a”, “b”, “c” or “d” can be entered at the beginning or end, but the text that will be printed are the uppercase letters “A”, “B”, “C” or “D”.
 - ta: 1–64 characters
 - tb: 1–64 characters
 - tc: 3–15 characters (begins with “01”) (except with RSS Expanded)
1–64 numbers or 1–40 letters*¹ (for RSS Expanded)
*¹ ISO646 characters can be printed.
(numbers, letters, spaces, !, ", %, &, ', (,), *, +, ,, -, ., /, :, ;, <, =, >, ? and _)
 - td: 1–64 characters (The full set of ASCII characters can be used.)
 - te: 5 characters, 9 characters, 11 characters
 - tf: 2 characters, 5 characters

(2) B or b: Beginning of barcode data**(3) [Barcode data]: Barcode data**

? (Generate check digit):

Generates a check digit when “?” is in the barcode data.

The position of “?” is irrelevant as long as it is within the barcode data.

With POSTNET, CODE93, UPC/EAN EXTENSION, CODE128 and GS1-128(UCC/EAN-128), no check digit is generated.

If “?” is inserted, it is treated as barcode data.

With only UPC/EAN EXTENSION, the data is printed above the barcode.

(4) [Backslash]: End of barcode

| Barcode Type | Command |
|---|---|
| POSTNET, UPC/EAN EXTENTION, CODE39, ITF(I-2/5), EAN-8, EAN-13, UPC-A, UPC-E, CODABAR, RSS symbols | ESC i [Parameter] B or b [Barcode data] \ |
| CODE93, CODE128, GS1-128 (UCC/EAN-128) | ESC i [Parameter] B or b [Barcode data] \\\ |

Description

- Specifies a barcode image.
- Any data extending beyond the right margin is ignored.
- Since the check digit is generated automatically from the barcode data, the check digit is not sent as barcode data. Since the length of the barcode data is also checked, the data would not be correctly recognized if the check digit data was present.
- With CODE39, ITF (I-2/5), CODABAR, CODE128, GS1-128 (UCC/EAN-128) or RSS Expanded, the buffer length for the barcode image is about 22 cm. A barcode longer than 22 cm will not be printed.
- The characters that can be printed with CODE128 and GS1-128 (UCC/EAN-128) are the 128 ASCII characters and the special codes FNC1, FNC2, FNC3 and FNC4.

Codes assigned to the special codes:

FNC1: 86h, FNC2: 81h, FNC3: 80h, FNC4: 84h

- The control codes and special codes appear as spaces when characters are printed below CODE128 and GS1-128 (UCC/EAN-128) barcodes.
- The control codes appear as spaces when characters are printed below CODE93 barcodes.
- Special code FNC1 can also be printed with RSS Expanded.

This special code also appears as a space when characters are printed below the barcode.

Code assigned to the special code:

FNC1: 86h

- The width can be set to extra extra small only with CODE128 and EAN128.
- Characters are not printed below the barcode when the width is set to extra extra small.

Example

For barcode type CODE39, with no characters printed below the barcode, a size of large (width) × 480 dots (height) and a ratio between thick and thin bars of 3:1, the command will be as shown below.

```
ESC i t0 r0 he0h 01h w3 z0 B 123456789 \
```

ESC i Q 2D barcode (QR Code)

| | | | | | | |
|--------------|-----|-----|-----------|---------------------|-----------------------|------------|
| ASCII: | ESC | i | Q or q | Data | | |
| Decimal: | 27 | 105 | 81 or 113 | Data | | |
| Hexadecimal: | 1B | 69 | 51 or 71 | Data | | |
| Format: | ESC | i | Q or q | <u>[Parameters]</u> | <u>[Barcode data]</u> | <u> </u> |
| | | | | (1) | (2) | (3) |

Parameters**(1) [Parameters]**

Unlike with 1D barcodes, all parameters must be specified in order, starting from the top.

If a value other than those listed is entered for a parameter, that parameter is specified with its default value.

| | | |
|------------------------------|---|---|
| 1. Cell size | [1-byte decimal] 3 [1-byte decimal] 4 [1-byte decimal] 5 [1-byte decimal] 6 [1-byte decimal] 8 [1-byte decimal] 10 | Specifies the dot size per cell side. Prints 3 dots per cell side. (default value) Prints 4 dots per cell side. Prints 5 dots per cell side. Prints 6 dots per cell side. Prints 8 dots per cell side. Prints 10 dots per cell side. |
| 2. Symbol type | [1-byte decimal] 1 [1-byte decimal] 2 [1-byte decimal] 3 | Model 1 Model 2 (default value) Micro QR |
| 3. Structured Append setting | [1-byte decimal] 0 [1-byte decimal] 1 | Not partitioned. (default value) Partitioned (*1) |
| 4. Code number | [1-byte decimal] 1–16 | Indicates the number of the symbol in a partitioned QR Code. |
| 5. Number of partitions | [1-byte decimal] 2–16 | Indicates the total number of symbols in a partitioned QR Code. |
| 6. Parity data | [1-byte hexadecimal] 00-FF | Value (in bytes) of exclusively OR'ing all the print data (print data before partition) |
| 7. Error correction level | [1-byte decimal] 1 [1-byte decimal] 2 [1-byte decimal] 3 [1-byte decimal] 4 | High-density level: L 7% Standard level: M 15% (default value) High-reliability level: Q 25% Ultra-high-reliability level: H 30% (*2) |
| 8. Data input method | [1-byte decimal] 0 [1-byte decimal] 1 | Auto input (default value) Manual input Selects whether numbers, English alphanumeric characters, Chinese characters or binary characters are entered. |

(*1) With Micro QR, the Structured Append setting is invalid, and the default setting is used.

(*2) With Micro QR, error correction level 4 is invalid, and the default setting is used.

What is the QR Code Structured Append setting?

QR Codes have Structured Append settings.

A long character string can be partitioned into 2 to 16 partitions and printed.

With ESC/P commands, it is necessary to enter only the number of partitions.

For example, if the print data is partitioned into 3 partitions, the barcode data is as follows:

```
ESC i Q or q [1st parameter] [1st set of barcode data] \\\
ESC i Q or q [2nd parameter] [2nd set of barcode data] \\\
ESC i Q or q [3rd parameter] [3rd set of barcode data] \\\
```

Refer to the following for specifying settings for 3 through 6 in [Parameters].

3. Structured append setting: This determines whether or not the barcode data is partitioned. If the data is not partitioned, enter 0.
When not partitioning, the values of 4 (code number), 5 (number of partitions), and 6 (parity data) are ignored; therefore, enter 0 as a dummy value for these parameters.
4. Code number: This indicates which number the ESC/P command for that QR Code is. For example, if it is for the second of four partitions, this is 2; for the fourth this is 4.
5. Number of partitions: This is the number of partitions.
6. Parity data: This is the value (in bytes) of exclusively OR'ing all the print data (print data before partition). Entering the same value as for the partitioned QR Code ESC/P command indicates that these codes are linked.

What is exclusive OR'ing in bytes?

The data is exclusively OR'ed (XOR'ed) in bytes and in order.

For example, putting a character string into hexadecimal gives 31h, 32h, 33h, 34h.

| Character | OR'ed (XOR'ed) in bytes | Results |
|--------------------|-------------------------|--|
| XOR of 31h and 32h | 0011 0001 ^= 0011 0010 | 0000 0011 (03h) |
| XOR of 03h and 33h | 0000 0011 ^= 0011 0011 | 0011 0000 (30h) |
| XOR of 30h and 34h | 0011 0000 ^= 0011 0100 | 0000 0100 (04h) Therefore, the parity is 04h. |

Note

If this parity value is incorrect, the correct QR Code is not generated.

Summary

Printing the character string “123456789” with a cell size of 4 dots, Model 2, standard error correction level, and automatic data input.

| | |
|--|---|
| Without Structured Append | ESC i Q 04h 02h 00h 00h 00h 00h 02h 00h “123456789” \\\ |
| With Structured Append [Three partitions] | ESC i Q 04h 02h 01h 01h 03h 31h 02h 00h “123” \\ ESC i Q 04h 02h 01h 02h 03h 31h 02h 00h “456” \\ ESC i Q 04h 02h 01h 03h 03h 31h 02h 00h “789” \\ (The parity for the character string “123456789” is 31h.) |

(2) [Barcode data]: Barcode data

When manual input is selected in 8 (data input method), the barcode data must be preceded with one of the following single-byte alphanumeric characters.

| Barcode Type | Preceded Character | Example |
|------------------------------|-----------------------|--|
| Number input | N or n | ESC i Q [other parameters] 01h N123456789 \\\ |
| Alphanumeric character input | A or a | ESC i Q [other parameters] 01h A012345678aBcDe \\\ |
| Chinese character input | K or k | ESC i Q [other parameters] 01h K Chinese character input \\\ |
| Binary character input | B or b+4-digit number | ESC i Q [other parameters] 01h B005#### \\\ With the “4-digit number”, specify the number of binary characters to actually be entered. For example, if 12 binary characters are to be entered, specify: B 0012 (30h, 30h, 31h, 32h) |

The number of barcode data characters that can be entered depends on the model type and the input method.

| | |
|----------|--|
| Model 1 | 707 English alphanumeric characters, 1167 numbers, 486 binary bytes, 299 Chinese characters |
| Model 2 | 4296 English alphanumeric characters, 7089 numbers, 2953 binary bytes, 1817 Chinese characters |
| Micro QR | 21 English alphanumeric characters, 35 numbers, 15 binary bytes, 9 Chinese characters |

Note

The numbers listed above are for an error correction level at a high-density level (L 7%).

If the standard level or higher is set, the number of characters that can be entered may decrease. In addition, even if the characters are entered with the high-density level (L) specified, the number of characters that can be entered may decrease due to compression.

(3) \\\: End of barcode

There must be three backslashes to end 2D barcode.

Example

Refer to the section "[Summary](#)".

ESC i P Specify QR Code version

| | | | | |
|--------------|-----|-----|----|---|
| ASCII: | ESC | i | P | n |
| Decimal: | 27 | 105 | 80 | n |
| Hexadecimal: | 1B | 69 | 50 | n |

Parameters

$0 \leq n \leq 40$

Description

- The barcode size can be fixed.
- The default value is 0.
- The available versions differ depending on the symbol type used.
If a setting other than those listed is specified, the setting returns to its default.
The following settings are available for each symbol type.
Model1 (0–14), Model2 (0–40), MicroQR (0–4)

ESC i V 2D barcode (PDF417)

| | | | | |
|--------------|-----|-----|-----------|---|
| ASCII: | ESC | i | V or v | Data |
| Decimal: | 27 | 105 | 86 or 118 | Data |
| Hexadecimal: | 1B | 69 | 56 or 76 | Data |
| Format: | ESC | i | V or v | <u>[Parameters]</u> <u>[Barcode data]</u> <u>\\\</u> |
| | | | | (1) (2) (3) |

Parameters**(1) [Parameters]**

Unlike with 1D barcodes, all parameters must be specified in order, starting from the top.

If a value other than those listed is entered for a parameter, that parameter is specified with its default value.

| | | |
|------------------------------------|---|---|
| 1. Cell size | [1-byte decimal] 3 [1-byte decimal] 4 [1-byte decimal] 5 [1-byte decimal] 6 [1-byte decimal] 8 [1-byte decimal] 10 | Specifies the dot size per cell side. Prints 3 dots per cell side. (default value) Prints 4 dots per cell side. Prints 5 dots per cell side. Prints 6 dots per cell side. Prints 8 dots per cell side. Prints 10 dots per cell side. |
| 2. Symbol type | [1-byte decimal] 0 [1-byte decimal] 1 [1-byte decimal] 2 [1-byte decimal] 3 | Standard (default value) Truncate MicroPDF417 standard MicroPDF417 Code128 emulation |
| 3. Data input method | [1-byte decimal] 0 [1-byte decimal] 1 | Auto input (default value) Binary input |
| 4. Error correction capacity-type | [1-byte decimal] 0 [1-byte decimal] 1 | Level input setting (default value) Percentage input setting |
| 5. Error correction capacity-value | | |
| - Level input | [2-byte decimal] 0–8 | Specifies the level. (The default value is 0.) |
| - Percentage input | [2-byte decimal] 0–400 | Specifies the percentage. (The default value is 10.) |
| 6. Symbol size (X direction) | [1-byte decimal] 0 [1-byte decimal] 1–30 *0 and 1–4 with MicroPDF417 | Auto setting (default value) Manual settings |
| 7. Symbol size (Y direction) | [1-byte decimal] 0 [1-byte decimal] 3–90 *0 and 4–44 with MicroPDF417 | Auto setting (default value) Manual settings |

| | | |
|-----------------|-------------------------|---|
| 8. Aspect value | [2-byte decimal] 1–1000 | Specifies the aspect value. Actually, this is 0.01–10.0, but since the decimal point cannot be entered, a value multiplied by 100 is entered. The default value is 50. (The actual value is 0.5.) |
|-----------------|-------------------------|---|

Note

- * If a setting for the symbol size (X direction) or symbol size (Y direction) has been specified manually, the aspect value setting is ignored.
- * If a setting for the symbol size (X direction) or the symbol size (Y direction) has been entered manually, the bar code may not be printed or an unreadable bar code may be printed.
- * If both a large cell size and a high level error correction capacity have been specified, printing may not be possible due to a full print buffer.

[With symbol type MicroPDF417]

- * Since the error correction capacity is automatically determined from the symbol size (X direction) setting, the settings for “error correction capacity and type” and “error correction capacity-value” are ignored.
- * The aspect value setting is ignored.
- * The following table shows the values available for the symbol size (Y direction) according to the symbol size (X direction) setting. If an invalid setting is specified for the symbol size (Y direction), the default setting is specified.

| Symbol Size (X Direction) | Symbol Size (Y Direction) | | | | | | | | | | | | |
|---------------------------|---------------------------|----|----|----|----|----|----|----|----|----|----|----|--|
| Auto | Auto | | | | | | | | | | | | |
| 1 | Auto | 11 | 14 | 17 | 20 | 24 | 28 | | | | | | |
| 2 | Auto | 8 | 11 | 14 | 17 | 20 | 23 | 26 | | | | | |
| 3 | Auto | 6 | 8 | 10 | 12 | 15 | 20 | 26 | 32 | 38 | 44 | | |
| 4 | Auto | 4 | 6 | 8 | 10 | 12 | 15 | 20 | 26 | 32 | 38 | 44 | |

(2) Barcode data

The numbers of barcode data characters that can be entered are as follows.

1850 alphanumeric characters, 2710 numbers, 1108 binary bytes

Chinese characters are babel to be used but handled as binary. 1 Chinese character is handled as 2 Bytes data.

Note

The numbers listed above are for an error correction level at the lowest level. If the standard level or higher is set, the number of characters that can be entered may decrease. In addition, even if the characters are entered with the lowest level specified, the number of characters that can be entered may decrease due to compression.

[With symbol type MicroPDF417]

Maximum of 250 alphanumeric characters, maximum of 366 numbers, maximum of 150 bytes of binary data

However, the following table shows the maximum amount of information allowed according to the settings for symbol size (X direction) and symbol size (Y direction).

| X | Y | Maximum Amount of Information Allowed | | |
|---|----|---------------------------------------|---------|--------|
| | | Alphanumeric Characters | Numbers | Binary |
| 1 | 11 | 6 | 8 | 3 |
| 1 | 14 | 12 | 17 | 7 |
| 1 | 17 | 18 | 26 | 10 |
| 1 | 20 | 22 | 32 | 13 |
| 1 | 24 | 30 | 44 | 18 |
| 1 | 28 | 38 | 55 | 22 |
| 2 | 8 | 14 | 20 | 8 |
| 2 | 11 | 24 | 35 | 14 |
| 2 | 14 | 36 | 52 | 21 |
| 2 | 17 | 46 | 67 | 27 |
| 2 | 20 | 56 | 82 | 33 |
| 2 | 23 | 64 | 93 | 38 |
| 2 | 26 | 72 | 105 | 43 |
| 3 | 6 | 10 | 14 | 6 |
| 3 | 8 | 18 | 26 | 10 |
| 3 | 10 | 26 | 38 | 15 |
| 3 | 12 | 34 | 49 | 20 |
| 3 | 15 | 46 | 67 | 27 |
| 3 | 20 | 66 | 96 | 39 |
| 3 | 26 | 90 | 132 | 54 |
| 3 | 32 | 114 | 167 | 68 |
| 3 | 38 | 138 | 202 | 82 |
| 3 | 44 | 162 | 237 | 97 |
| 4 | 4 | 14 | 20 | 8 |
| 4 | 6 | 22 | 32 | 13 |
| 4 | 8 | 34 | 49 | 20 |
| 4 | 10 | 46 | 67 | 27 |
| 4 | 12 | 58 | 85 | 34 |
| 4 | 15 | 76 | 111 | 45 |
| 4 | 20 | 106 | 155 | 63 |
| 4 | 26 | 142 | 208 | 85 |
| 4 | 32 | 178 | 261 | 106 |
| 4 | 38 | 214 | 313 | 128 |
| 4 | 44 | 250 | 366 | 150 |

(3) \\\: End of barcode

There must be three backslashes to end 2D barcodes.

ESC i D 2D barcode (DataMatrix)

| | | | | |
|--------------|-----|-----|-----------|---|
| ASCII: | ESC | i | D or d | data |
| Decimal: | 27 | 105 | 68 or 100 | data |
| Hexadecimal: | 1B | 69 | 44 or 64 | data |
| Format: | ESC | i | D or d | <u>[Parameters]</u> <u>[Barcode data]</u> <u>\\\</u> |
| | | | | (1) (2) (3) |

Parameters**(1) [Parameters]**

Unlike with 1D barcodes, all parameters must be specified in order, starting from the top.

If a value other than those listed is entered for a parameter, that parameter is specified with its default value.

| | | |
|------------------|--|--|
| 1. Cell size | [1-byte decimal] 3 [1-byte decimal] 4 [1-byte decimal] 5 [1-byte decimal] 6 [1-byte decimal] 8 [1-byte decimal] 10 | Specifies the dot size per cell side. Prints 3 dots per cell side. (default value) Prints 4 dots per cell side. Prints 5 dots per cell side. Prints 6 dots per cell side. Prints 8 dots per cell side. Prints 10 dots per cell side. |
| 2. Symbol type | [1-byte decimal] 0 [1-byte decimal] 1 | ECC200 square (default value) ECC200 rectangular |
| 3. Vertical size | [1-byte decimal] 0 [1-byte decimal] 10 [1-byte decimal] 12 [1-byte decimal] 14 [1-byte decimal] 16 [1-byte decimal] 18 [1-byte decimal] 20 [1-byte decimal] 22 [1-byte decimal] 24 [1-byte decimal] 26 [1-byte decimal] 32 [1-byte decimal] 36 [1-byte decimal] 40 [1-byte decimal] 44 [1-byte decimal] 48 [1-byte decimal] 52 [1-byte decimal] 64 [1-byte decimal] 72 [1-byte decimal] 80 [1-byte decimal] 88 [1-byte decimal] 96 (continued to the next page) | [ECC200 square] Vertical no. of cells: AUTO (default value) Vertical no. of cells: 10 cells Vertical no. of cells: 12 cells Vertical no. of cells: 14 cells Vertical no. of cells: 16 cells Vertical no. of cells: 18 cells Vertical no. of cells: 20 cells Vertical no. of cells: 22 cells Vertical no. of cells: 24 cells Vertical no. of cells: 26 cells Vertical no. of cells: 32 cells Vertical no. of cells: 36 cells Vertical no. of cells: 40 cells Vertical no. of cells: 44 cells Vertical no. of cells: 48 cells Vertical no. of cells: 52 cells Vertical no. of cells: 64 cells Vertical no. of cells: 72 cells Vertical no. of cells: 80 cells Vertical no. of cells: 88 cells Vertical no. of cells: 96 cells |

| | | |
|---------------------------------|--|--|
| 3. Vertical size (continued) | (continued from the previous page) [1-byte decimal] 104 [1-byte decimal] 120 [1-byte decimal] 132 [1-byte decimal] 144 [1-byte decimal] 0 [1-byte decimal] 8 [1-byte decimal] 12 [1-byte decimal] 16 | Vertical no. of cells: 104 cells Vertical no. of cells: 120 cells Vertical no. of cells: 132 cells Vertical no. of cells: 144 cells [ECC200 rectangular] Vertical no. of cells: AUTO (default value) Vertical no. of cells: 8 cells Vertical no. of cells: 12 cells Vertical no. of cells: 16 cells |
| 4. Horizontal size | [1-byte decimal] x [1-byte decimal] 0 [1-byte decimal] 18 [1-byte decimal] 32 [1-byte decimal] 26 [1-byte decimal] 36 [1-byte decimal] 36 [1-byte decimal] 48 | [ECC200 square] Horizontal no. of cells: Same value as vertical size (x) [ECC200 rectangular] (1) When the vertical size is AUTO Horizontal no. of cells: AUTO (default value) (2) When the vertical size is 8 cells Horizontal no. of cells: 18 cells Horizontal no. of cells: 32 cells (3) When the vertical size is 12 cells Horizontal no. of cells: 26 cells Horizontal no. of cells: 36 cells (4) When the vertical size is 16 cells Horizontal no. of cells: 36 cells Horizontal no. of cells: 48 cells |
| 5. Reserved | [1-byte decimal]×5 0 | 5 bytes of dummy data (0) is sent. |

Note

* If the vertical size is specified as a value other than those listed for ECC200 square, the AUTO setting is selected. If the horizontal size is specified as a value different from the vertical size, the setting is changed to the same value as the horizontal size.

* If the vertical or horizontal size for ECC200 rectangular is specified as a value other than those listed, the AUTO setting is selected.

(2) [Barcode data]: Barcode data

The maximum number of barcode data characters that can be entered is listed below.

2335 alphanumeric characters, 3116 numbers, 1556 bytes of binary data

Note

The numbers of characters that can be entered (as listed above) are for the maximum vertical × horizontal cell settings (144 cells × 144 cells). The number of characters that can be entered may decrease, depending on the specified settings.

(3) \\\: End of barcode

There must be three backslashes to end 2D barcodes.

Example

For data "12345" with symbol type ECC square at 40 × 40 with a 3-dot cell size, the command will be as shown below.

```
ESC i D 03h 00h 28h(40d) 28h 00h 00h 00h 00h "12345" \\\
```

ESC i M 2D barcode (MaxiCode)

| | | | | |
|--------------|-----|-----|-----------|--|
| ASCII: | ESC | i | M or m | data |
| Decimal: | 27 | 105 | 77 or 109 | data |
| Hexadecimal: | 1B | 69 | 4D or 6D | data |
| Format: | ESC | i | M or m | <u>[Parameters]</u> \ <u>[Barcode data]</u> <u> </u> |
| | | | (1) | (2) (3) (4) |

Parameters**(1) [Parameters]**

If a value other than those listed is entered for a parameter, that parameter is specified with its default value.

| | | |
|------------------------------|--|--|
| 1. Symbol type | [1-byte decimal] 0 [1-byte decimal] 1 [1-byte decimal] 2 | Standard (default value) Full EEC Structured carrier message |
| 2. Structured Append setting | [1-byte decimal] 0 [1-byte decimal] 1 | With Structured Append (default value) Without Structured Append |

(2) \ (backslash)

Separator between parameters and barcode data

(3) [Barcode data]: Barcode data

The number of barcode data characters that can be entered is listed below.

| Symbol Type | Maximum Amount of Information Allowed | |
|----------------------------|---------------------------------------|---------|
| | Alphanumeric Characters | Numbers |
| Standard | 93 | 138 |
| Full EEC | 77 | 113 |
| Structured carrier message | 84 | 126 |

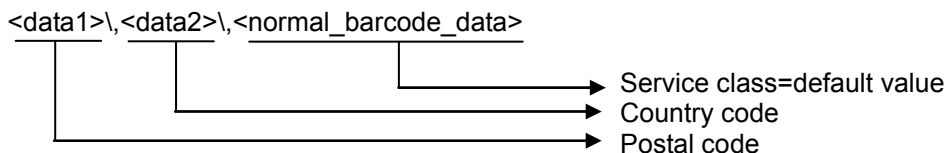
Note

The numbers of characters that can be entered (as listed above) are for when using only the common character set (code set A in the MaxiCode specifications). The number of characters that can be entered may decrease, depending on the characters that are used.

When the symbol type is the structured carrier message, the service class, country code and postal code can be specified separately from the normal data. Specify each value, separated by a backslash and comma (\,), immediately before the normal data.

<postal_code>\,<country_code>\,<service_class>\,<normal_barcode_data>

When “\,” is not used three times, the data is written as shown in the following example.



If a value other than those listed is entered for a parameter, that parameter is specified with its default value.

| | | |
|---------------|--|--|
| Postal code | 9 or less numbers, or 6 or less alphanumeric characters | Ignored when not structured carrier message. Default value: 00000000 |
| Country code | 3 or less numbers | Ignored when not structured carrier message. Default value: 000 |
| Service class | 3 or less numbers | Ignored when not structured carrier message. Default value: 000 |

Note

If the postal code is specified as alphanumeric characters, characters other than those listed below are invalid.

A to Z “ # \$ % & ‘ () * + , - . / 0 to 9 :

However, lowercase letters (a to z) are converted to the valid uppercase letters (A to Z).

(4) \\\: End of barcode

There must be three backslashes to end 2D barcodes.

ESC i F Print downloaded data

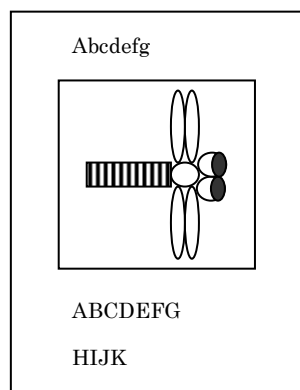
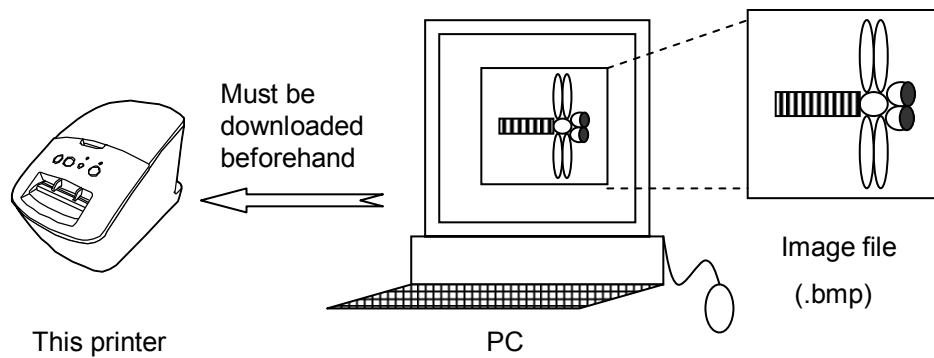
| | | | | | |
|--------------|-----|-----|----|----|---|
| ASCII: | ESC | i | F | P | n |
| Decimal: | 27 | 105 | 70 | 80 | n |
| Hexadecimal: | 1B | 69 | 46 | 50 | n |

Parameters

n: file header index

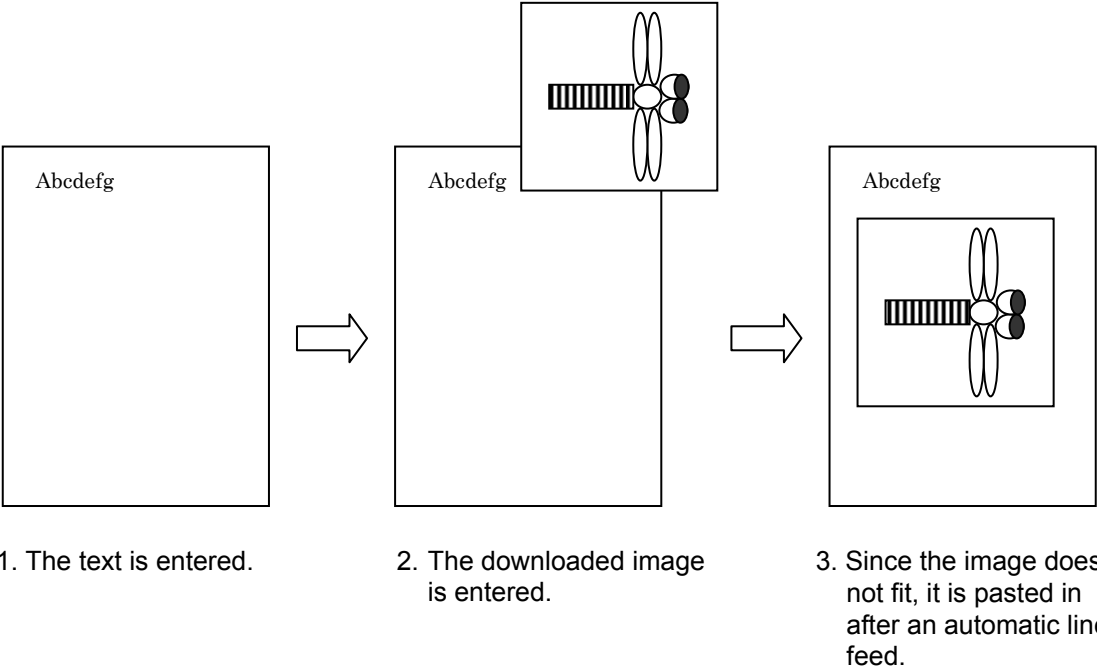
 $0 \leq n \leq 98$ Description

- Expands downloaded data in the print buffer as image data.
- Expands downloaded image data from the print position.
- If there is no image data, this command is ignored.

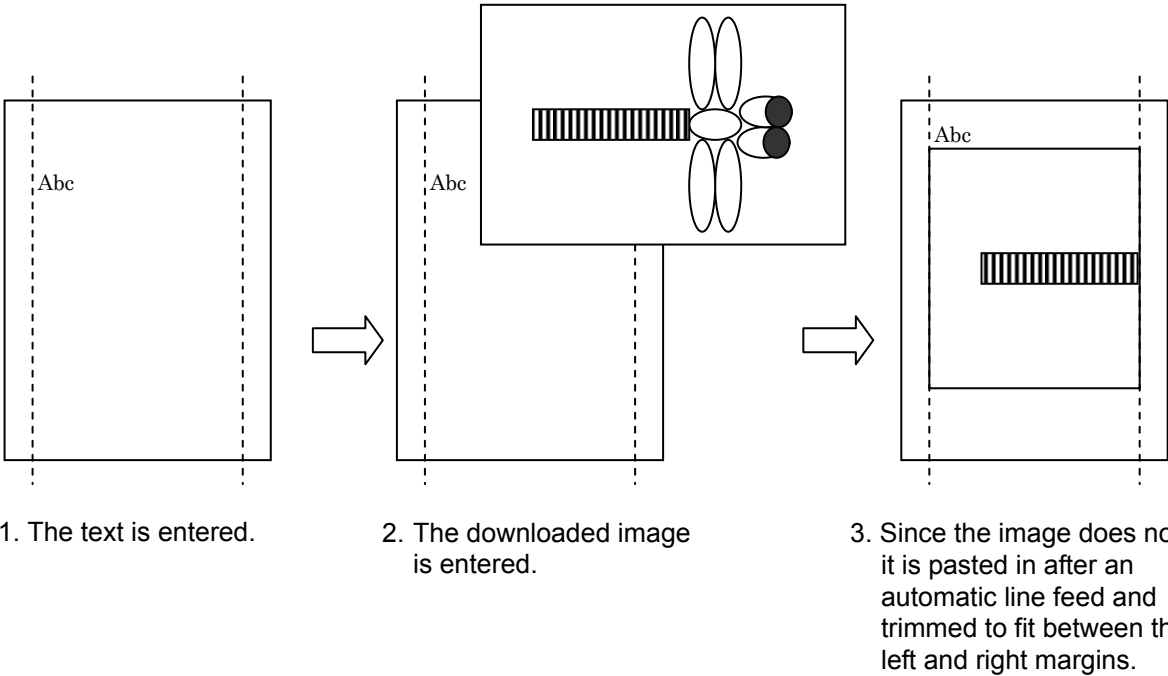


Example: Combination of text and downloaded image

- As with text, if the image data does not all fit on the current line, an automatic line feed is performed, and the data is placed at the beginning of the next line. At that time, the any data that does not fit in the print area is deleted.

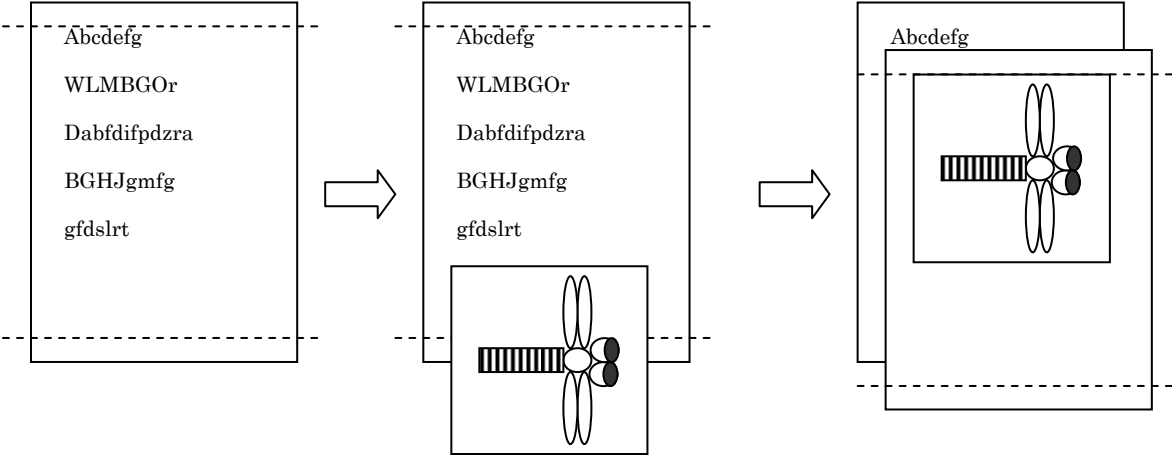


Example: Normal size



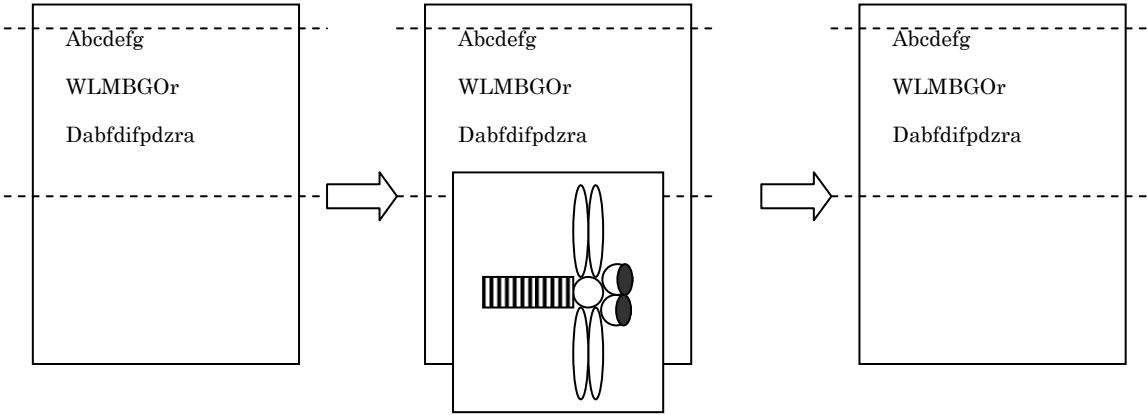
Example: Image larger than the distance between left and right margins

- If the result of pasting in the downloaded image extends beyond the bottom margin position, the image is pasted in after a page feed. However, if the downloaded image is larger than the entire area between the top and bottom margins, the entire image is ignored.



1. The text is entered.
2. The downloaded image is entered.
3. Since the image does not fit, it is pasted in after an automatic page feed.

Example: Image smaller than the distance between the top and bottom margins



1. The text is entered.
2. The downloaded image is entered.
3. The entire image is ignored.

Example: Image larger than the distance between top and bottom margins

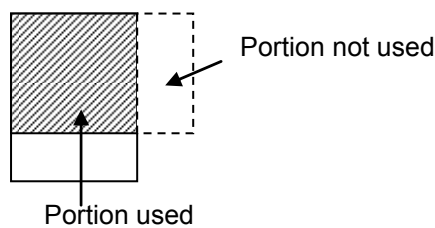
- There are limits on the amount of image data that can be stored in the printer. The size of the storage area is 6,144 KB. However, bitmap data is not stored as is, but is converted into the printer storage format by Transfer Manager.
- Image data larger than the media size is handled by deleting the portion of the image that does not fit within the size of the media.
The portion of image data deleted depends on the media orientation.

Examples

- Portrait (Media: Die-cut shipping label)

| Size of Downloaded Image | Print Size |
|---------------------------|---|
| 1109 (height)×696 (width) | 1109 (height)×696 (width) (Not deleted) |
| 696 (height)×1109 (width) | 696 (height)×696 (width) (Part deleted) |

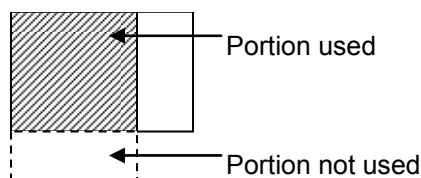
With a downloaded image saved at 696 (height) by 1109 (width)



- Landscape (Media: Die-cut shipping label)

| Size of Downloaded Image | Print Size |
|---------------------------|---|
| 696 (height)×1109 (width) | 1109 (height)×696 (width) (Not deleted) |
| 1109 (height)×696 (width) | 696 (height)×696 (width) (Part deleted) |

With a downloaded image saved at 1109 (height) by 696 (width)



ESC i a Switch command mode

| | | | | |
|--------------|-----|-----|----|---|
| ASCII: | ESC | i | a | n |
| Decimal: | 27 | 105 | 97 | n |
| Hexadecimal: | 1B | 69 | 61 | n |

Parameters

- n: Command mode
- 0 or 48: ESC/P standard mode
 - 1 or 49: Raster graphics mode
 - 3 or 51: P-touch Template mode

Description

- Switches the command mode to ESC/P, P-touch Template or PTCBP (raster graphics) mode.
- Dynamically switches between the three modes.

ESC i S Status information request

| | | | |
|--------------|-----|-----|----|
| ASCII: | ESC | i | S |
| Decimal: | 27 | 105 | 83 |
| Hexadecimal: | 1B | 69 | 53 |

Parameters

None

Description

- Sends a requests for the printer status.

The printer status consists of 32 bytes.

| Order | Offset | Size | Name | Value/Standard |
|-------|--------|------|-----------------------------------|---|
| 1 | 0 | 1 | Print head mark | Fixed at 80h |
| 2 | 1 | 1 | Size | Fixed at 20h |
| 3 | 2 | 1 | Brother code | Fixed at "B" (42h) |
| 4 | 3 | 1 | Series code | Fixed at "4" (34h) |
| 5 | 4 | 1 | Model code | Fixed at "7" (37h) |
| 6 | 5 | 1 | Country code | Fixed at "0" (30h) |
| 7 | 6 | 1 | Printer information | Fixed at 00h |
| 8 | 7 | 1 | Reserved | Fixed at 00h |
| 9 | 8 | 1 | Error information 1 | Refer to table (1) below. |
| 10 | 9 | 1 | Error information 2 | Refer to table (2) below. |
| 11 | 10 | 1 | Media width | Refer to " 3.1 Print area " on page 10. |
| 12 | 11 | 1 | Media type | Refer to table (3) below. |
| 13 | 12 | 1 | Number of colors | Fixed at 00h |
| 14 | 13 | 1 | Media length (higher order bytes) | Refer to " 3.1 Print area " on page 10. |
| 15 | 14 | 1 | Media sensor value | Refer to " 3.1 Print area " on page 10. |
| 16 | 15 | 1 | Mode | Fixed at 00h |
| 17 | 16 | 1 | Density | Fixed at 00h |
| 18 | 17 | 1 | Media length (lower order bytes) | Refer to " 3.1 Print area " on page 10. |
| 19 | 18 | 1 | Status type | Refer to table (4) below. |
| 20 | 19 | 1 | Phase type | Fixed at 00h |
| 21 | 20 | 1 | Phase number (higher order bytes) | Fixed at 00h |
| 22 | 21 | 1 | Phase number (lower order bytes) | Fixed at 00h |
| 23 | 22 | 1 | Notification number | Not used |
| 24 | 23 | 1 | Expansion area (number of bytes) | Fixed at 00h |
| 25 | 24 | 8 | Reserved | Fixed at 00h |

(1) Error information 1

| Flag | Mask | Meaning |
|-------|------|----------------------|
| Bit 0 | 01h | “No media” error |
| Bit 1 | 02h | “End of media” error |
| Bit 2 | 04h | “Cutter jam” error |
| Bit 3 | 08h | Not used |
| Bit 4 | 10h | Printer in use |
| Bit 5 | 20h | Printer turned off |
| Bit 6 | 40h | Not used |
| Bit 7 | 80h | Fan motor error |

(2) Error information 2

| Flag | Mask | Meaning |
|-------|------|-------------------------------|
| Bit 0 | 01h | “Replace media” error |
| Bit 1 | 02h | “Expansion buffer full” error |
| Bit 2 | 04h | Communication error |
| Bit 3 | 08h | Image error occurred |
| Bit 4 | 10h | “Cover open” error |
| Bit 5 | 20h | Not used |
| Bit 6 | 40h | Leading edge detection error |
| Bit 7 | 80h | System error |

(3) Media type

| Media Type | Value | Remarks |
|------------------------|-------|----------|
| None | 00h | No media |
| Continuous length tape | 0Ah | |
| Die-cut label | 0Bh | |

(4) Status type

| Status Type | Value | Remarks |
|-------------------------|-----------|---------|
| Reply to status request | 00h | |
| (Not used) | 01h | |
| Error occurred | 02h | |
| (Not used) | 03h - FFh | |

ESC i L Specify landscape orientation

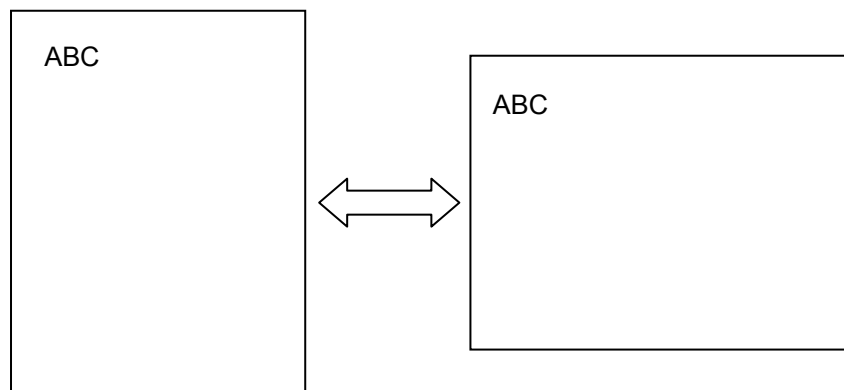
| | | | | |
|--------------|-----|-----|----|---|
| ASCII: | ESC | i | L | n |
| Decimal: | 27 | 105 | 76 | n |
| Hexadecimal: | 1B | 69 | 4C | n |

Parameters

n=0, 1 or 48, 49

Description

- Applies or cancels the landscape orientation
 - n=1 or 49 ("1"): Applies the landscape orientation.
 - n=0 or 48 ("0"): Cancels the landscape orientation.
- Using this command clears all text.
- Before entering text, specify the paper orientation with this command.
- When the printer is turned on, the landscape orientation is canceled.



ESC i C Specify cutting

| | | | | |
|--------------|-----|-----|----|---|
| ASCII: | ESC | i | C | n |
| Decimal: | 27 | 105 | 67 | n |
| Hexadecimal: | 1B | 69 | 43 | n |

Parameters

n=0, 1 or 48, 49

Description

- Specifies cutting after printing.
 - n=1 or 49 ("1"): Specifies cutting.
 - n=0 or 48 ("0"): Cancels cutting.
- The default auto cut setting can be changed with the P-touch Template Settings Tool (P-touch Template Settings.exe).
- The number of auto cut copies can be specified with the P-touch Template Settings Tool (P-touch Template Settings.exe).
- Manufacturer's default auto cut setting: ON (auto cut)
 Manufacturer's default auto cut copies: 1

5.11 Advanced static commands

ESC iXQ2 Select default character style

| | | | | | | | | |
|--------------|-----|-----|----|----|----|----|----|----|
| ASCII: | ESC | i | X | Q | 2 | n1 | n2 | n3 |
| Decimal: | 27 | 105 | 88 | 81 | 50 | n1 | n2 | n3 |
| Hexadecimal: | 1B | 69 | 58 | 51 | 32 | n1 | n2 | n3 |

Parameters

n1: 01h (Fixed)

n2: 00h (Fixed)

00h≤n3≤04h

Description

- Selects the default character style.
 - n3=00h: None (normal characters) (*Manufacturer's default)
 - n3=01h: Bold
 - n3=02h: Outline
 - n3=03h: Shadow
 - n3=04h: Shadow and outline
- This command is a static command.

Remarks

- Invalid if n3 is a value other than 00h through 04h

ESC iXQ1 Retrieve default character style

| | | | | | | | |
|--------------|-----|-----|----|----|----|----|----|
| ASCII: | ESC | i | X | Q | 1 | n1 | n2 |
| Decimal: | 27 | 105 | 88 | 81 | 49 | n1 | n2 |
| Hexadecimal: | 1B | 69 | 58 | 51 | 31 | n1 | n2 |

Parameters

n1: 00h (Fixed)

n2: 00h (Fixed)

Description

- The default character style setting is returned as 3-byte data.

| | |
|-----|---|
| [1] | 01h (Fixed) |
| [2] | 00h (Fixed) |
| [3] | Setting 00h: None (normal characters) 01h: Bold 02h: Outline 03h: Shadow 04h: Shadow and outline |

- The retrieved value is a value specified by a static command.

ESC iXX2 Specify default ANK character size

| | | | | | | | | | |
|--------------|-----|-----|----|----|----|----|----|----|----|
| ASCII: | ESC | i | X | X | 2 | n1 | n2 | n3 | n4 |
| Decimal: | 27 | 105 | 88 | 88 | 50 | n1 | n2 | n3 | n4 |
| Hexadecimal: | 1B | 69 | 58 | 58 | 32 | n1 | n2 | n3 | n4 |

Parameters

n1: 02h (Fixed)

n2: 00h (Fixed)

00h≤n3≤FFh, 00h≤n4≤01h

Description

- Specifies the default character size.
n3+(n4*256): Default character size (dots)
- The following settings (dots) are valid.
16, 24, 32, 48, 64, 96, 128, 144, 192, 240, 256, 288, 320, 336, 384
The manufacturer's default is 32.
- This command is a static command.

Remarks

- Invalid if the setting is a value outside of the allowable range

ESC iXX1 Retrieve default ANK character size

| | | | | | | | |
|--------------|-----|-----|----|----|----|----|----|
| ASCII: | ESC | i | X | X | 1 | n1 | n2 |
| Decimal: | 27 | 105 | 88 | 88 | 49 | n1 | n2 |
| Hexadecimal: | 1B | 69 | 58 | 58 | 31 | n1 | n2 |

Parameters

n1: 00h (Fixed)

n2: 00h (Fixed)

Description

- The default character size setting is returned as 4-byte data.

| | |
|--------|--|
| [1] | 02h (Fixed) |
| [2] | 00h (Fixed) |
| [3, 4] | n3 n4 settings n3+(n4*256): Default ANK character size (dots) |

- The retrieved value is a value specified by a static command.

ESC iX32 Specify default line feed

| | | | | | | | | | |
|--------------|-----|-----|----|----|----|----|----|----|----|
| ASCII: | ESC | i | X | 3 | 2 | n1 | n2 | n3 | n4 |
| Decimal: | 27 | 105 | 88 | 51 | 50 | n1 | n2 | n3 | n4 |
| Hexadecimal: | 1B | 69 | 58 | 33 | 32 | n1 | n2 | n3 | n4 |

Parameters

n1: 02h (Fixed)

n2: 00h (Fixed)

00h≤n3≤FFh, 00h≤n4≤04h

Description

- Specifies the default line feed.
n3+(n4*256): Default line feed (dots) (0 through 1275)
*The manufacturer's default is 48.
- This command is a static command.

Remarks

- Invalid if the setting is a value outside of the allowable range

ESC iX31 Retrieve default line feed

| | | | | | | | |
|--------------|-----|-----|----|----|----|----|----|
| ASCII: | ESC | i | X | 3 | 1 | n1 | n2 |
| Decimal: | 27 | 105 | 88 | 51 | 49 | n1 | n2 |
| Hexadecimal: | 1B | 69 | 58 | 33 | 31 | n1 | n2 |

Parameters

n1: 00h (Fixed)

n2: 00h (Fixed)

Description

- The default line feed setting is returned as 4-byte data.

| | |
|--------|---|
| [1] | 02h (Fixed) |
| [2] | 00h (Fixed) |
| [3, 4] | n3 n4 settings n3+(n4*256): Default line feed (dots) |

- The retrieved value is a value specified by a static command.

ESC iXA2 Select default alignment

| | | | | | | | | |
|--------------|-----|-----|----|----|----|----|----|----|
| ASCII: | ESC | i | X | A | 2 | n1 | n2 | n3 |
| Decimal: | 27 | 105 | 88 | 65 | 50 | n1 | n2 | n3 |
| Hexadecimal: | 1B | 69 | 58 | 41 | 32 | n1 | n2 | n3 |

Parameters

n1: 01h (Fixed)

n2: 00h (Fixed)

00h≤n3≤02h

Description

- Selects the default alignment.
 - n3=00h: Left alignment (Manufacturer's default)
 - n3=01h: Center alignment
 - n3=02h: Right alignment
- This command is a static command.

Remarks

- Invalid if n3 is a value outside of the allowable range
- If the print media is continuous length tape, the printing orientation is landscape and the page length is not specified, commands specifying the alignment are ignored.

ESC iXA1 Retrieve default alignment

| | | | | | | | |
|--------------|-----|-----|----|----|----|----|----|
| ASCII: | ESC | i | X | A | 1 | n1 | n2 |
| Decimal: | 27 | 105 | 88 | 65 | 49 | n1 | n2 |
| Hexadecimal: | 1B | 69 | 58 | 41 | 31 | n1 | n2 |

Parameters

n1: 00h (Fixed)

n2: 00h (Fixed)

Description

- The default alignment setting is returned as 3-byte data.

| | |
|-----|---|
| [1] | 01h (Fixed) |
| [2] | 00h (Fixed) |
| [3] | Setting 00h: Left alignment 01h: Center alignment 02h: Right alignment |

- The retrieved value is a value specified by a static command.

ESC iX(2) Specify default page length

| | | | | | | | | | |
|--------------|-----|-----|----|----|----|----|----|----|----|
| ASCII: | ESC | i | X | (| 2 | n1 | n2 | n3 | n4 |
| Decimal: | 27 | 105 | 88 | 40 | 50 | n1 | n2 | n3 | n4 |
| Hexadecimal: | 1B | 69 | 58 | 28 | 32 | n1 | n2 | n3 | n4 |

Parameters

n1: 02h (Fixed)

n2: 00h (Fixed)

00h≤n3≤FFh, 00h≤n4≤2Eh

Description

- Specifies the default page length.
n3+(n4*256): Default page length (dots) (0, 229 through 11999)
*A default page length of 0 indicates the Auto setting.
*The manufacturer's default is 0.
- This command is a static command.

Remarks

- Invalid if the setting is a value outside of the allowable range

ESC iX(1) Retrieve default page length

| | | | | | | | |
|--------------|-----|-----|----|----|----|----|----|
| ASCII: | ESC | i | X | (| 1 | n1 | n2 |
| Decimal: | 27 | 105 | 88 | 40 | 49 | n1 | n2 |
| Hexadecimal: | 1B | 69 | 58 | 28 | 31 | n1 | n2 |

Parameters

n1: 00h (Fixed)

n2: 00h (Fixed)

Description

- The default page length setting is returned as 4-byte data.

| | |
|--------|--|
| [1] | 02h (Fixed) |
| [2] | 00h (Fixed) |
| [3, 4] | n3 n4 settings n3+(n4*256): Default page length (dots) *A default page length of 0 indicates the Auto setting. |

- The retrieved value is a value specified by a static command.

ESC iXL2 Select default landscape orientation

| | | | | | | | | |
|--------------|-----|-----|----|----|----|----|----|----|
| ASCII: | ESC | i | X | L | 2 | n1 | n2 | n3 |
| Decimal: | 27 | 105 | 88 | 76 | 50 | n1 | n2 | n3 |
| Hexadecimal: | 1B | 69 | 58 | 4C | 32 | n1 | n2 | n3 |

Parameters

n1: 01h (Fixed)

n2: 00h (Fixed)

00h≤n3≤01h

Description

- Selects the default landscape orientation setting.
 - n3=00h: Cancel landscape orientation (*Manufacturer's default)
 - n3=01h: Apply landscape orientation
- This command is a static command.

Remarks

- Invalid if n3 is a value outside of the allowable range

ESC iXL1 Retrieve default landscape orientation

| | | | | | | | |
|--------------|-----|-----|----|----|----|----|----|
| ASCII: | ESC | i | X | L | 1 | n1 | n2 |
| Decimal: | 27 | 105 | 88 | 76 | 49 | n1 | n2 |
| Hexadecimal: | 1B | 69 | 58 | 4C | 31 | n1 | n2 |

Parameters

n1: 00h (Fixed)

n2: 00h (Fixed)

Description

- The default landscape orientation setting is returned as 3-byte data.

| | |
|-----|--|
| [1] | 01h (Fixed) |
| [2] | 00h (Fixed) |
| [3] | Setting 00h: Cancel landscape orientation 01h: Apply landscape orientation |

- The retrieved value is a value specified by a static command.

ESC iXj2 Select default international character set

| | | | | | | | | |
|--------------|-----|-----|----|-----|----|----|----|----|
| ASCII: | ESC | i | X | j | 2 | n1 | n2 | n3 |
| Decimal: | 27 | 105 | 88 | 106 | 50 | n1 | n2 | n3 |
| Hexadecimal: | 1B | 69 | 58 | 6A | 32 | n1 | n2 | n3 |

Parameters

- n1: 01h (Fixed)
- n2: 00h (Fixed)
- 00h≤n3≤0Dh, 40h

Description

- Selects the default international character set.
 - n3=00h: U.S.A. (*Manufacturer's default)
 - n3=01h: France
 - n3=02h: Germany
 - n3=03h: U.K.
 - n3=04h: Denmark I
 - n3=05h: Sweden
 - n3=06h: Italy
 - n3=07h: Spain I
 - n3=08h: Japan
 - n3=09h: Norway
 - n3=0Ah: Denmark II
 - n3=0Bh: Spain II
 - n3=0Ch: Latin America
 - n3=0Dh: South Korea
 - n3=40h: Legal
- This command is a static command.

Remarks

- Invalid if n3 is a value outside of the allowable range

ESC iXj1 Retrieve default international character set

| | | | | | | | |
|--------------|-----|-----|----|-----|----|----|----|
| ASCII: | ESC | i | X | j | 1 | n1 | n2 |
| Decimal: | 27 | 105 | 88 | 106 | 49 | n1 | n2 |
| Hexadecimal: | 1B | 69 | 58 | 6A | 31 | n1 | n2 |

Parameters

n1: 00h (Fixed)

n2: 00h (Fixed)

Description

- The default international character set setting is returned as 3-byte data.

| | |
|-----|--|
| [1] | 01h (Fixed) |
| [2] | 00h (Fixed) |
| [3] | Setting 00h: U.S.A. 01h: France 02h: Germany 03h: U.K. 04h: Denmark I 05h: Sweden 06h: Italy 07h: Spain I 08h: Japan 09h: Norway 0Ah: Denmark II 0Bh: Spain II 0Ch: Latin America 0Dh: South Korea 40h: Legal |

- The retrieved value is a value specified by a static command.

ESC iXU2 Specify default minimum margin

| | | | | | | | | |
|--------------|-----|-----|----|----|----|----|----|----|
| ASCII: | ESC | i | X | U | 2 | n1 | n2 | n3 |
| Decimal: | 27 | 105 | 88 | 85 | 50 | n1 | n2 | n3 |
| Hexadecimal: | 1B | 69 | 58 | 55 | 32 | n1 | n2 | n3 |

Parameters

- n1: 01h (Fixed)
- n2: 00h (Fixed)
- 02h≤n3≤03h

Description

- Selects the default minimum margin amount.
 - nh3=02h: Specifies a minimum margin of 2 mm.
 - nh3=03h: Specifies a minimum margin of 3 mm. (Manufacturer's default)
- This command is a static command.

Remarks

- Invalid if n3 is a value outside of the allowable range

ESC iXU1 Retrieve default minimum margin

| | | | | | | | |
|--------------|-----|-----|----|----|----|----|----|
| ASCII: | ESC | i | X | U | 1 | n1 | n2 |
| Decimal: | 27 | 105 | 88 | 85 | 49 | n1 | n2 |
| Hexadecimal: | 1B | 69 | 58 | 55 | 31 | n1 | n2 |

Parameters

- n1: 00h (Fixed)
- n2: 00h (Fixed)

Description

- The default minimum margin setting is returned as 3-byte data.

| | |
|-----|---------------------------------------|
| [1] | 01h (Fixed) |
| [2] | 00h (Fixed) |
| [3] | Setting value 02h: 2mm 03h: 3mm |

- The retrieved value is a value specified by a static command.

Appendix A: Specifications

BROTHER QL-720NW P-touch Template specifications

| | | | |
|--------------|----------------------|--|---|
| Printing | Printing method | Raster printing (PTCBP mode) <u>ESC/P printing</u> P-touch Template printing | |
| | Maximum print length | 1 m | |
| | Resolution (dpi) | 300 dpi × 300 dpi | |
| | Text | Font | Bitmap fonts: Helsinki, Simhei |
| | | Size (dots) | Bitmap fonts: 16 × 16, 24 × 24, 32 × 32, 48 × 48, 64 × 64, 96 × 96, 128 × 128, 144 × 144, 192 × 192, 240 × 240, 256 × 256, 288 × 288, 320 × 320, 336 × 336, 384 × 384 dots |
| | | Character style | None, Bold, Italics, Outline, Shadow, Shadow + Outline |
| | | Underline | Off, On |
| | | Character width | Half width, <u>Normal</u> , Double width |
| | | Horizontal alignment | Left, Center, Right |
| | | Rotate | Portrait, landscape |
| Bar-code | Protocols | <u>CODE39</u> , ITF (I-2/5), EAN-13, EAN-8, UPC-A, UPC-E, UPC/EAN EXTENSION, CODE93, POSTNET, CODABAR, CODE128, GS1-128 (UCC/EAN-128), QR Code, PDF417, Data Matrix, MaxiCode, RSS-14(Standard, Truncated, Stacked, Stacked Omni), RSS-Limited, RSS Expanded(Standard, Stacked) | |
| | Width | Large, Medium, Small, Extra Small, Extra Extra Small | |
| Transmission | RS | Baud rate (bps) | 115.2k, 57.6k, <u>9600</u> |
| | | Busy | <u>DTR</u> , Xon/Xoff |
| | | Bit length | <u>8</u> , 7 |
| | | Parity | <u>NONE</u> , ODD, EVEN |
| | | Stop bit | 1 bit |

Settings that appear in **bold** and underlined are the default settings.

Appendix B: Character Code Tables

Character code tables

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | A | B | C | D | E | F |
|---|---|---|----|---|---|---|---|-----|---|---|---|---|---|---|---|---|
| 0 | | | SP | 0 | @ | P | ` | p | | | | | | | | |
| 1 | | | ! | 1 | A | Q | a | q | | | | | | | | |
| 2 | | | " | 2 | B | R | b | r | | | | | | | | |
| 3 | | | # | 3 | C | S | c | s | | | | | | | | |
| 4 | | | \$ | 4 | D | T | d | t | | | | | | | | |
| 5 | | | % | 5 | E | U | e | u | | | | | | | | |
| 6 | | | & | 6 | F | V | f | v | | | | | | | | |
| 7 | | | ' | 7 | G | W | g | w | | | | | | | | |
| 8 | | | (| 8 | H | X | h | x | | | | | | | | |
| 9 | | |) | 9 | I | Y | i | y | | | | | | | | |
| A | | | * | : | J | Z | j | z | | | | | | | | |
| B | | | + | ; | K | [| k | { | | | | | | | | |
| C | | | , | < | L | \ | l | ! | | | | | | | | |
| D | | | - | = | M |] | m | } | | | | | | | | |
| E | | | . | > | N | ^ | n | ~ | | | | | | | | |
| F | | | / | ? | O | _ | o | DEL | | | | | | | | |

Note

" ■ " indicates that the character will switch when the international character set is changed.

International character set table

Corresponding characters that switch in each language when the international character set is changed

| n | | 23 | 24 | 40 | 5B | 5C | 5D | 5E | 60 | 7B | 7C | 7D | 7E |
|----|-----------------------|----|----|----|----|----|----|----|----|----|----|----|----|
| 0 | United States (U.S.A) | # | \$ | @ | [| \ |] | ^ | ` | { | | } | ~ |
| 1 | France | # | \$ | à | ° | ç | § | ^ | ` | é | ù | è | ¨ |
| 2 | Germany | # | \$ | § | Ä | Ö | Ü | ^ | ` | ä | ö | ü | ß |
| 3 | Britain (U.K.) | £ | \$ | @ | [| \ |] | ^ | ` | { | | } | ~ |
| 4 | Denmark I | # | \$ | @ | Æ | Ø | Å | ^ | ` | æ | ø | å | ~ |
| 5 | Sweden | # | ¤ | É | Ä | Ö | Å | Ü | é | ä | ö | å | ü |
| 6 | Italy | # | \$ | @ | ° | \ | é | ^ | ù | à | ò | è | ì |
| 7 | Spain I | Pt | \$ | @ | ı | Ñ | ı | ^ | ` | ¨ | ñ | } | ~ |
| 8 | Japan | # | \$ | @ | [| ¥ |] | ^ | ` | { | | } | ~ |
| 9 | Norway | # | ¤ | É | Æ | Ø | Å | Ü | é | æ | ø | å | ü |
| 10 | Denmark II | # | \$ | É | Æ | Ø | Å | Ü | é | æ | ø | å | ü |
| 11 | Spain II | # | \$ | á | ı | Ñ | ı | é | ` | ı | ñ | ó | ú |
| 12 | Latin America | # | \$ | á | ı | Ñ | ı | é | ü | ı | ñ | ó | ú |
| 13 | South Korea | # | \$ | @ | [| ₩ |] | ^ | ` | { | | } | ~ |
| 64 | Legal | # | \$ | § | ° | ' | " | ¶ | ` | © | ® | † | ™ |

Chinese character catalog (based on GB18030)

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | a | b | c | d | e | f |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8140 | 𠂇 | 𠂈 | 𠂉 | 𠂊 | 𠂋 | 𠂌 | 𠂍 | 𠂎 | 𠂏 | 𠂐 | 𠂑 | 𠂒 | 𠂓 | 𠂔 | 𠂕 | 𠂖 |
| 8150 | 𠂗 | 𠂘 | 𠂙 | 𠂚 | 𠂛 | 𠂜 | 𠂝 | 𠂞 | 𠂟 | 𠂠 | 𠂡 | 𠂢 | 𠂣 | 𠂤 | 𠂥 | 𠂦 |
| 8160 | 𠂧 | 𠂨 | 𠂩 | 𠂪 | 𠂫 | 𠂬 | 𠂭 | 𠂮 | 𠂯 | 𠂰 | 𠂱 | 𠂲 | 𠂳 | 𠂴 | 𠂵 | 𠂶 |
| 8170 | 𠂷 | 𠂸 | 𠂹 | 𠂺 | 𠂻 | 𠂼 | 𠂽 | 𠂾 | 𠂿 | 𠃀 | 𠃁 | 𠃂 | 𠃃 | 𠃄 | 𠃅 | 𠃆 |
| 8180 | 𠃇 | 𠃈 | 𠃉 | 𠃊 | 𠃋 | 𠃌 | 𠃍 | 𠃎 | 𠃏 | 𠃐 | 𠃑 | 𠃒 | 𠃓 | 𠃔 | 𠃕 | 𠃖 |
| 8190 | 𠃗 | 𠃘 | 𠃙 | 𠃚 | 𠃛 | 𠃜 | 𠃝 | 𠃞 | 𠃟 | 𠃠 | 𠃡 | 𠃢 | 𠃣 | 𠃤 | 𠃥 | 𠃦 |
| 81A0 | 𠃧 | 𠃨 | 𠃩 | 𠃪 | 𠃫 | 𠃬 | 𠃭 | 𠃮 | 𠃯 | 𠃰 | 𠃱 | 𠃲 | 𠃳 | 𠃴 | 𠃵 | 𠃶 |
| 81B0 | 𠃷 | 𠃸 | 𠃹 | 𠃺 | 𠃻 | 𠃼 | 𠃽 | 𠃾 | 𠃿 | 𠄀 | 𠄁 | 𠄂 | 𠄃 | 𠄄 | 𠄅 | 𠄆 |
| 81C0 | 𠄇 | 𠄈 | 𠄉 | 𠄊 | 𠄋 | 𠄌 | 𠄍 | 𠄎 | 𠄏 | 𠄐 | 𠄑 | 𠄒 | 𠄓 | 𠄔 | 𠄕 | 𠄖 |
| 81D0 | 𠄗 | 𠄘 | 𠄙 | 𠄚 | 𠄛 | 𠄜 | 𠄝 | 𠄞 | 𠄟 | 𠄠 | 𠄡 | 𠄢 | 𠄣 | 𠄤 | 𠄥 | 𠄦 |
| 81E0 | 𠄧 | 𠄨 | 𠄩 | 𠄪 | 𠄫 | 𠄬 | 𠄭 | 𠄮 | 𠄯 | 𠄰 | 𠄱 | 𠄲 | 𠄳 | 𠄴 | 𠄵 | 𠄶 |
| 81F0 | 𠄷 | 𠄸 | 𠄹 | 𠄺 | 𠄻 | 𠄼 | 𠄽 | 𠄾 | 𠄿 | 𠅀 | 𠅁 | 𠅂 | 𠅃 | 𠅄 | 𠅅 | 𠅆 |
| 8240 | 𠅇 | 𠅈 | 𠅉 | 𠅊 | 𠅋 | 𠅌 | 𠅍 | 𠅎 | 𠅏 | 𠅐 | 𠅑 | 𠅒 | 𠅓 | 𠅔 | 𠅕 | 𠅖 |
| 8250 | 𠅗 | 𠅘 | 𠅙 | 𠅚 | 𠅛 | 𠅜 | 𠅝 | 𠅞 | 𠅟 | 𠅠 | 𠅡 | 𠅢 | 𠅣 | 𠅤 | 𠅥 | 𠅦 |
| 8260 | 𠅧 | 𠅨 | 𠅩 | 𠅪 | 𠅫 | 𠅬 | 𠅭 | 𠅮 | 𠅯 | 𠅰 | 𠅱 | 𠅲 | 𠅳 | 𠅴 | 𠅵 | 𠅶 |
| 8270 | 𠅷 | 𠅸 | 𠅹 | 𠅺 | 𠅻 | 𠅼 | 𠅽 | 𠅾 | 𠅿 | 𠆀 | 𠆁 | 𠆂 | 𠆃 | 𠆄 | 𠆅 | 𠆆 |
| 8280 | 𠆇 | 𠆈 | 𠆉 | 𠆊 | 𠆋 | 𠆌 | 𠆍 | 𠆎 | 𠆏 | 𠆐 | 𠆑 | 𠆒 | 𠆓 | 𠆔 | 𠆕 | 𠆖 |
| 8290 | 𠆗 | 𠆘 | 𠆙 | 𠆚 | 𠆛 | 𠆜 | 𠆝 | 𠆞 | 𠆟 | 𠆠 | 𠆡 | 𠆢 | 𠆣 | 𠆤 | 𠆥 | 𠆦 |
| 82A0 | 𠆧 | 𠆨 | 𠆩 | 𠆪 | 𠆫 | 𠆬 | 𠆭 | 𠆮 | 𠆯 | 𠆰 | 𠆱 | 𠆲 | 𠆳 | 𠆴 | 𠆵 | 𠆶 |
| 82B0 | 𠆷 | 𠆸 | 𠆹 | 𠆺 | 𠆻 | 𠆼 | 𠆽 | 𠆾 | 𠆿 | 𠇀 | 𠇁 | 𠇂 | 𠇃 | 𠇄 | 𠇅 | 𠇆 |
| 82C0 | 𠇇 | 𠇈 | 𠇉 | 𠇊 | 𠇋 | 𠇌 | 𠇍 | 𠇎 | 𠇏 | 𠇐 | 𠇑 | 𠇒 | 𠇓 | 𠇔 | 𠇕 | 𠇖 |
| 82D0 | 𠇗 | 𠇘 | 𠇙 | 𠇚 | 𠇛 | 𠇜 | 𠇝 | 𠇞 | 𠇟 | 𠇠 | 𠇡 | 𠇢 | 𠇣 | 𠇤 | 𠇥 | 𠇦 |
| 82E0 | 𠇧 | 𠇨 | 𠇩 | 𠇪 | 𠇫 | 𠇬 | 𠇭 | 𠇮 | 𠇯 | 𠇰 | 𠇱 | 𠇲 | 𠇳 | 𠇴 | 𠇵 | 𠇶 |
| 82F0 | 𠇷 | 𠇸 | 𠇹 | 𠇺 | 𠇻 | 𠇼 | 𠇽 | 𠇾 | 𠇿 | 𠈀 | 𠈁 | 𠈂 | 𠈃 | 𠈄 | 𠈅 | 𠈆 |
| 8340 | 𠈇 | 𠈈 | 𠈉 | 𠈊 | 𠈋 | 𠈌 | 𠈍 | 𠈎 | 𠈏 | 𠈐 | 𠈑 | 𠈒 | 𠈓 | 𠈔 | 𠈕 | 𠈖 |
| 8350 | 𠈗 | 𠈘 | 𠈙 | 𠈚 | 𠈛 | 𠈜 | 𠈝 | 𠈞 | 𠈟 | 𠈠 | 𠈡 | 𠈢 | 𠈣 | 𠈤 | 𠈥 | 𠈦 |
| 8360 | 𠈧 | 𠈨 | 𠈩 | 𠈪 | 𠈫 | 𠈬 | 𠈭 | 𠈮 | 𠈯 | 𠈰 | 𠈱 | 𠈲 | 𠈳 | 𠈴 | 𠈵 | 𠈶 |
| 8370 | 𠈷 | 𠈸 | 𠈹 | 𠈺 | 𠈻 | 𠈼 | 𠈽 | 𠈾 | 𠈿 | 𠉀 | 𠉁 | 𠉂 | 𠉃 | 𠉄 | 𠉅 | 𠉆 |
| 8380 | 𠉇 | 𠉈 | 𠉉 | 𠉊 | 𠉋 | 𠉌 | 𠉍 | 𠉎 | 𠉏 | 𠉐 | 𠉑 | 𠉒 | 𠉓 | 𠉔 | 𠉕 | 𠉖 |
| 8390 | 𠉗 | 𠉘 | 𠉙 | 𠉚 | 𠉛 | 𠉜 | 𠉝 | 𠉞 | 𠉟 | 𠉠 | 𠉡 | 𠉢 | 𠉣 | 𠉤 | 𠉥 | 𠉦 |
| 83A0 | 𠉧 | 𠉨 | 𠉩 | 𠉪 | 𠉫 | 𠉬 | 𠉭 | 𠉮 | 𠉯 | 𠉰 | 𠉱 | 𠉲 | 𠉳 | 𠉴 | 𠉵 | 𠉶 |
| 83B0 | 𠉷 | 𠉸 | 𠉹 | 𠉺 | 𠉻 | 𠉼 | 𠉽 | 𠉾 | 𠉿 | 𠊀 | 𠊁 | 𠊂 | 𠊃 | 𠊄 | 𠊅 | 𠊆 |
| 83C0 | 𠊇 | 𠊈 | 𠊉 | 𠊊 | 𠊋 | 𠊌 | 𠊍 | 𠊎 | 𠊏 | 𠊐 | 𠊑 | 𠊒 | 𠊓 | 𠊔 | 𠊕 | 𠊖 |
| 83D0 | 𠊗 | 𠊘 | 𠊙 | 𠊚 | 𠊛 | 𠊜 | 𠊝 | 𠊞 | 𠊟 | 𠊠 | 𠊡 | 𠊢 | 𠊣 | 𠊤 | 𠊥 | 𠊦 |
| 83E0 | 𠊧 | 𠊨 | 𠊩 | 𠊪 | 𠊫 | 𠊬 | 𠊭 | 𠊮 | 𠊯 | 𠊰 | 𠊱 | 𠊲 | 𠊳 | 𠊴 | 𠊵 | 𠊶 |
| 83F0 | 𠊷 | 𠊸 | 𠊹 | 𠊺 | 𠊻 | 𠊼 | 𠊽 | 𠊾 | 𠊿 | 𠋀 | 𠋁 | 𠋂 | 𠋃 | 𠋄 | 𠋅 | 𠋆 |
| 8440 | 𠋇 | 𠋈 | 𠋉 | 𠋊 | 𠋋 | 𠋌 | 𠋍 | 𠋎 | 𠋏 | 𠋐 | 𠋑 | 𠋒 | 𠋓 | 𠋔 | 𠋕 | 𠋖 |
| 8450 | 𠋗 | 𠋘 | 𠋙 | 𠋚 | 𠋛 | 𠋜 | 𠋝 | 𠋞 | 𠋟 | 𠋠 | 𠋡 | 𠋢 | 𠋣 | 𠋤 | 𠋥 | 𠋦 |
| 8460 | 𠋧 | 𠋨 | 𠋩 | 𠋪 | 𠋫 | 𠋬 | 𠋭 | 𠋮 | 𠋯 | 𠋰 | 𠋱 | 𠋲 | 𠋳 | 𠋴 | 𠋵 | 𠋶 |
| 8470 | 𠋷 | 𠋸 | 𠋹 | 𠋺 | 𠋻 | 𠋼 | 𠋽 | 𠋾 | 𠋿 | 𠌀 | 𠌁 | 𠌂 | 𠌃 | 𠌄 | 𠌅 | 𠌆 |
| 8480 | 𠌇 | 𠌈 | 𠌉 | 𠌊 | 𠌋 | 𠌌 | 𠌍 | 𠌎 | 𠌏 | 𠌐 | 𠌑 | 𠌒 | 𠌓 | 𠌔 | 𠌕 | 𠌖 |
| 8490 | 𠌗 | 𠌘 | 𠌙 | 𠌚 | 𠌛 | 𠌜 | 𠌝 | 𠌞 | 𠌟 | 𠌠 | 𠌡 | 𠌢 | 𠌣 | 𠌤 | 𠌥 | 𠌦 |
| 84A0 | 𠌧 | 𠌨 | 𠌩 | 𠌪 | 𠌫 | 𠌬 | 𠌭 | 𠌮 | 𠌯 | 𠌰 | 𠌱 | 𠌲 | 𠌳 | 𠌴 | 𠌵 | 𠌶 |
| 84B0 | 𠌷 | 𠌸 | 𠌹 | 𠌺 | 𠌻 | 𠌼 | 𠌽 | 𠌾 | 𠌿 | 𠍀 | 𠍁 | 𠍂 | 𠍃 | 𠍄 | 𠍅 | 𠍆 |
| 84C0 | 𠍇 | 𠍈 | 𠍉 | 𠍊 | 𠍋 | 𠍌 | 𠍍 | 𠍎 | 𠍏 | 𠍐 | 𠍑 | 𠍒 | 𠍓 | 𠍔 | 𠍕 | 𠍖 |
| 84D0 | 𠍗 | 𠍘 | 𠍙 | 𠍚 | 𠍛 | 𠍜 | 𠍝 | 𠍞 | 𠍟 | 𠍠 | 𠍡 | 𠍢 | 𠍣 | 𠍤 | 𠍥 | 𠍦 |
| 84E0 | 𠍧 | 𠍨 | 𠍩 | 𠍪 | 𠍫 | 𠍬 | 𠍭 | 𠍮 | 𠍯 | 𠍰 | 𠍱 | 𠍲 | 𠍳 | 𠍴 | 𠍵 | 𠍶 |
| 84F0 | 𠍷 | 𠍸 | 𠍹 | 𠍺 | 𠍻 | 𠍼 | 𠍽 | 𠍾 | 𠍿 | 𠎀 | 𠎁 | 𠎂 | 𠎃 | 𠎄 | 𠎅 | 𠎆 |
| 8540 | 𠎇 | 𠎈 | 𠎉 | 𠎊 | 𠎋 | 𠎌 | 𠎍 | 𠎎 | 𠎏 | 𠎐 | 𠎑 | 𠎒 | 𠎓 | 𠎔 | 𠎕 | 𠎖 |
| 8550 | 𠎗 | 𠎘 | 𠎙 | 𠎚 | 𠎛 | 𠎜 | 𠎝 | 𠎞 | 𠎟 | 𠎠 | 𠎡 | 𠎢 | 𠎣 | 𠎤 | 𠎥 | 𠎦 |
| 8560 | 𠎧 | 𠎨 | 𠎩 | 𠎪 | 𠎫 | 𠎬 | 𠎭 | 𠎮 | 𠎯 | 𠎰 | 𠎱 | 𠎲 | 𠎳 | 𠎴 | 𠎵 | 𠎶 |
| 8570 | 𠎷 | 𠎸 | 𠎹 | 𠎺 | 𠎻 | 𠎼 | 𠎽 | 𠎾 | 𠎿 | 𠏀 | 𠏁 | 𠏂 | 𠏃 | 𠏄 | 𠏅 | 𠏆 |

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | a | b | c | d | e | f |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9840 | 榆 | 梢 | 榎 | 榑 | 榘 | 榚 | 榛 | 榜 | 榝 | 業 | 楮 | 楛 | 楛 | 楛 | 楛 | 楛 |
| 9850 | 榖 | 榗 | 榘 | 榙 | 榚 | 榛 | 榜 | 榝 | 榞 | 榟 | 楛 | 楛 | 楛 | 楛 | 楛 | 楛 |
| 9860 | 榠 | 榡 | 榢 | 榣 | 榤 | 榥 | 榦 | 榧 | 榨 | 榩 | 楛 | 楛 | 楛 | 楛 | 楛 | 楛 |
| 9870 | 榪 | 榫 | 榬 | 榭 | 榮 | 榯 | 榰 | 榱 | 榲 | 榳 | 楛 | 楛 | 楛 | 楛 | 楛 | 楛 |
| 9880 | 榴 | 榵 | 榶 | 榷 | 榸 | 榹 | 榺 | 榻 | 榼 | 榽 | 楛 | 楛 | 楛 | 楛 | 楛 | 楛 |
| 9890 | 榾 | 榿 | 榾 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 楛 | 楛 | 楛 | 楛 | 楛 | 楛 |
| 98A0 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 楛 | 楛 | 楛 | 楛 | 楛 | 楛 |
| 98B0 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 楛 | 楛 | 楛 | 楛 | 楛 | 楛 |
| 98C0 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 楛 | 楛 | 楛 | 楛 | 楛 | 楛 |
| 98D0 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 楛 | 楛 | 楛 | 楛 | 楛 | 楛 |
| 98E0 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 楛 | 楛 | 楛 | 楛 | 楛 | 楛 |
| 98F0 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 楛 | 楛 | 楛 | 楛 | 楛 | 楛 |
| 9940 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 楛 | 楛 | 楛 | 楛 | 楛 | 楛 |
| 9950 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 楛 | 楛 | 楛 | 楛 | 楛 | 楛 |
| 9960 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 楛 | 楛 | 楛 | 楛 | 楛 | 楛 |
| 9970 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 楛 | 楛 | 楛 | 楛 | 楛 | 楛 |
| 9980 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 楛 | 楛 | 楛 | 楛 | 楛 | 楛 |
| 9990 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 楛 | 楛 | 楛 | 楛 | 楛 | 楛 |
| 99A0 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 楛 | 楛 | 楛 | 楛 | 楛 | 楛 |
| 99B0 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 楛 | 楛 | 楛 | 楛 | 楛 | 楛 |
| 99C0 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 楛 | 楛 | 楛 | 楛 | 楛 | 楛 |
| 99D0 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 楛 | 楛 | 楛 | 楛 | 楛 | 楛 |
| 99E0 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 楛 | 楛 | 楛 | 楛 | 楛 | 楛 |
| 99F0 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 榿 | 楛 | 楛 | 楛 | 楛 | 楛 | 楛 |
| 9A40 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 |
| 9A50 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 |
| 9A60 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 |
| 9A70 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 |
| 9A80 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 |
| 9A90 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 |
| 9AA0 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 | 歃 |
| 9AB0 | 每 | 每 | 每 | 每 | 每 | 每 | 每 | 每 | 每 | 每 | 每 | 每 | 每 | 每 | 每 | 每 |
| 9AC0 | 毳 | 毳 | 毳 | 毳 | 毳 | 毳 | 毳 | 毳 | 毳 | 毳 | 毳 | 毳 | 毳 | 毳 | 毳 | 毳 |
| 9AD0 | 毳 | 毳 | 毳 | 毳 | 毳 | 毳 | 毳 | 毳 | 毳 | 毳 | 毳 | 毳 | 毳 | 毳 | 毳 | 毳 |
| 9AE0 | 氦 | 氦 | 氦 | 氦 | 氦 | 氦 | 氦 | 氦 | 氦 | 氦 | 氦 | 氦 | 氦 | 氦 | 氦 | 氦 |
| 9AF0 | 汎 | 汎 | 汎 | 汎 | 汎 | 汎 | 汎 | 汎 | 汎 | 汎 | 汎 | 汎 | 汎 | 汎 | 汎 | 汎 |
| 9B40 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 |
| 9B50 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 |
| 9B60 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 |
| 9B70 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 |
| 9B80 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 |
| 9B90 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 |
| 9BA0 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 |
| 9BB0 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 |
| 9BC0 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 |
| 9BD0 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 |
| 9BE0 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 |
| 9BF0 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 | 汙 |
| 9C40 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 |
| 9C50 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 |
| 9C60 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 |
| 9C70 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 |
| 9C80 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 |
| 9C90 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 |
| 9CA0 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 |
| 9CB0 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 |

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | a | b | c | d | e | f |
|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|----------------|------|----------------|
| A1E0 | ∴ | ♁ | ♀ | ° | ' | " | °C | \$ | ⊘ | ♀ | £ | ‰ | § | N ₂ | ☆ | ★ |
| A1F0 | ○ | ● | ◎ | ◇ | ◆ | □ | ■ | △ | ▲ | ※ | → | ← | ↑ | ↓ | ▬ | |
| A2A0 | | i | ii | iii | iv | v | vi | vii | viii | ix | x | | | | | |
| A2B0 | | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. |
| A2C0 | 16. | 17. | 18. | 19. | 20. | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| A2D0 | (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) | (20) | ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ |
| A2E0 | ⑧ | ⑨ | ⑩ | ㉑ | | (一) | (二) | (三) | (四) | (五) | (六) | (七) | (八) | (九) | (十) | |
| A2F0 | | I | II | III | IV | V | VI | VII | VIII | IX | X | XI | XII | | | |
| A3A0 | | ! | " | # | ¥ | % | & | ' | (|) | * | + | , | - | . | / |
| A3B0 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | : | : | < | = | > | ? |
| A3C0 | @ | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
| A3D0 | P | Q | R | S | T | U | V | W | X | Y | Z | [| \ |] | ^ | _ |
| A3E0 | ` | a | b | c | d | e | f | g | h | i | j | k | l | m | n | o |
| A3F0 | p | q | r | s | t | u | v | w | x | y | z | { | | } | ~ | |
| A4A0 | | あ | あ | い | い | う | う | え | え | お | お | か | が | き | ぎ | く |
| A4B0 | ぐ | け | げ | こ | こ | さ | ざ | し | じ | す | ず | せ | ぜ | そ | ぞ | た |
| A4C0 | だ | ち | ち | っ | っ | づ | て | で | と | ど | な | に | ぬ | ね | の | は |
| A4D0 | ば | ば | ひ | び | び | ふ | ぶ | ふ | へ | べ | べ | ほ | ぼ | ぼ | ま | み |
| A4E0 | む | め | も | や | や | ゆ | ゆ | よ | よ | ら | り | る | れ | ろ | わ | わ |
| A4F0 | ゐ | ゑ | を | ん | | | | | | | | | | | | |
| A5A0 | | ァ | ア | ィ | イ | ゥ | ウ | ェ | エ | ォ | オ | カ | ガ | キ | ギ | ク |
| A5B0 | グ | ケ | ゲ | コ | ゴ | サ | ザ | シ | ジ | ス | ズ | セ | ゼ | ソ | ゾ | タ |
| A5C0 | ダ | チ | ヂ | ツ | ツ | ヅ | テ | デ | ト | ド | ナ | ニ | ヌ | ネ | ノ | ハ |
| A5D0 | バ | バ | ヒ | ビ | ビ | フ | ブ | ブ | ヘ | ベ | ベ | ホ | ボ | ボ | マ | ミ |
| A5E0 | ム | メ | モ | ヤ | ヤ | ユ | ユ | ヨ | ヨ | ラ | リ | ル | レ | ロ | ワ | ワ |
| A5F0 | ヰ | ヱ | ヲ | ン | ヴ | カ | ケ | | | | | | | | | |
| A6A0 | | A | B | Γ | Δ | E | Z | H | Θ | I | K | Λ | M | N | Ξ | O |
| A6B0 | Π | P | Σ | T | Τ | Φ | X | Ψ | Ω | | | | | | | |
| A6C0 | | α | β | γ | δ | ε | ζ | η | θ | ι | κ | λ | μ | ν | ξ | ο |
| A6D0 | π | ρ | σ | τ | υ | φ | χ | ψ | ω | Ϸ | ϸ | Ϲ | Ϻ | ϻ | ϼ | Ͻ |
| A6E0 | （ | ） | 〔 | 〕 | ＜ | ＞ | ≧ | ≦ | ≡ | ≡ | ≡ | ≡ | ≡ | ≡ | ≡ | ≡ |
| A6F0 | （ | ） | | ≡ | | | | | | | | | | | | |
| A7A0 | | A | B | B | Г | Д | E | È | Ж | З | И | Й | К | Л | М | Н |
| A7B0 | О | П | Р | С | Т | У | Ф | Х | Ц | Ч | Ш | Щ | Ъ | Ы | Ь | Э |
| A7C0 | Ю | Я | | | | | | | | | | | | | | |
| A7D0 | | a | б | в | г | д | e | è | ж | з | и | й | к | л | м | н |
| A7E0 | о | п | р | с | т | у | ф | х | ц | ч | ш | щ | ъ | ы | ь | э |
| A7F0 | ю | я | | | | | | | | | | | | | | |
| A840 | ' | ` | · | - | — | .. | ' | % | °F | ↖ | ↗ | ↘ | ↙ | / | ┌ | |
| A850 | ≡ | ≡ | ≡ | △ | ≡ | | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ |
| A860 | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ |
| A870 | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ | ┌ |
| A880 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| A890 | ▼ | ○ | ⊕ | 〒 | " | " | | | | | | | | | | |
| A8A0 | | ā | á | ǎ | à | ē | é | ě | è | ī | í | ï | ì | ō | ó | ö |
| A8B0 | ò | ū | ú | ÿ | ù | û | ú | ÿ | ù | ü | ê | α | Ϸ | ñ | ñ | Ϸ |
| A8C0 | g | | | | | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ |
| A8D0 | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ |
| A8E0 | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ |
| A940 | | | | メ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | ㄣ | mg | kg | mm | cm | km | m ² |
| A950 | cc | KM | ln | log | mil | : | ┌ | | --- | --- | (株) | | - | | | |
| A960 | 一 | ゝ | ° | ゝ | ゝ | ゝ | ゝ | ゝ | --- | --- | --- | --- | --- | --- | --- | , |
| A970 | , | . | : | : | ? | ! | (|) | { | } | (|) | # | & | * | |
| A980 | + | - | < | > | = | \ | \$ | % | @ | ㅃ | ㅃ | ㅃ | ㅃ | ㅃ | ㅃ | ㅃ |
| A990 | ㅃ | ㅃ | ㅃ | ㅃ | ㅃ | ㅃ | ○ | | | | | | | | | |
| A9A0 | | | | | — | — | | | --- | --- | --- | --- | --- | --- | --- | --- |

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | a | b | c | d | e | f |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B0E0 | 班 | 搬 | 扳 | 般 | 颁 | 板 | 版 | 扮 | 拌 | 伴 | 瓣 | 半 | 办 | 絆 | 邦 | 帮 |
| B0F0 | 梆 | 榜 | 膀 | 绑 | 棒 | 磅 | 蚌 | 镑 | 傍 | 谤 | 苞 | 胞 | 包 | 褒 | 剥 | |
| B140 | 盃 | 盍 | 盍 | 盍 | 盃 | 盪 | 盪 | 盪 | 盪 | 盜 | 盪 | 盪 | 盪 | 盪 | 盪 | 盪 |
| B150 | 盤 | 盒 | 盧 | 盪 | 盪 | 盪 | 盪 | 盪 | 盪 | 盪 | 盪 | 盪 | 盪 | 盪 | 盪 | 盪 |
| B160 | 眈 | 眈 | 明 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 |
| B170 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 |
| B180 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 |
| B190 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 | 眈 |
| B1A0 | 暉 | 薄 | 雹 | 保 | 堡 | 饱 | 宝 | 抱 | 报 | 暴 | 豹 | 鲍 | 爆 | 杯 | 碑 | 悲 |
| B1B0 | 卑 | 北 | 辈 | 背 | 贝 | 钡 | 倍 | 狈 | 备 | 惫 | 焙 | 被 | 奔 | 笨 | 本 | 笨 |
| B1C0 | 崩 | 绷 | 甬 | 泵 | 蹦 | 迸 | 逼 | 鼻 | 比 | 鄙 | 笔 | 彼 | 碧 | 蓖 | 蔽 | 毕 |
| B1D0 | 毙 | 毖 | 币 | 庇 | 痹 | 闭 | 敝 | 弊 | 必 | 辟 | 壁 | 臂 | 避 | 陛 | 鞭 | 边 |
| B1E0 | 编 | 贬 | 扁 | 便 | 变 | 卞 | 辨 | 辩 | 辨 | 遍 | 标 | 彪 | 膘 | 表 | 鳖 | 憋 |
| B1F0 | 别 | 瘕 | 彬 | 斌 | 濒 | 滨 | 宾 | 摈 | 兵 | 冰 | 柄 | 丙 | 秉 | 饼 | 炳 | |
| B240 | 晷 | 睐 | 睽 | 睽 | 睽 | 昏 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 |
| B250 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 |
| B260 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 |
| B270 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 |
| B280 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 |
| B290 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 | 眛 |
| B2A0 | 攷 | 病 | 并 | 玻 | 菠 | 播 | 拔 | 钵 | 波 | 博 | 勃 | 搏 | 铂 | 箔 | 伯 | 帛 |
| B2B0 | 舶 | 脖 | 膊 | 渤 | 泊 | 驳 | 捕 | 卜 | 哺 | 补 | 埠 | 不 | 布 | 步 | 簿 | 部 |
| B2C0 | 怖 | 擦 | 猜 | 裁 | 材 | 才 | 财 | 睬 | 踩 | 采 | 彩 | 菜 | 蔡 | 餐 | 参 | 蚕 |
| B2D0 | 残 | 惭 | 惨 | 灿 | 苍 | 舱 | 仓 | 沧 | 藏 | 操 | 糙 | 槽 | 曹 | 草 | 厕 | 策 |
| B2E0 | 侧 | 册 | 测 | 层 | 蹭 | 插 | 叉 | 茬 | 茶 | 查 | 碴 | 搽 | 察 | 岔 | 差 | 诧 |
| B2F0 | 拆 | 柴 | 豺 | 挨 | 掺 | 蝉 | 馋 | 谗 | 缠 | 铲 | 产 | 阐 | 颤 | 昌 | 猖 | |
| B340 | 俟 | 夭 | 舛 | 矯 | 矐 | 矐 | 矐 | 矐 | 矐 | 矐 | 矐 | 矐 | 矐 | 矐 | 矐 | 矐 |
| B350 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 |
| B360 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 |
| B370 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 |
| B380 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 |
| B390 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 |
| B3A0 | 碇 | 场 | 尝 | 常 | 长 | 偿 | 肠 | 厂 | 敞 | 畅 | 唱 | 倡 | 超 | 抄 | 钞 | 朝 |
| B3B0 | 嘲 | 潮 | 巢 | 吵 | 炒 | 车 | 扯 | 撤 | 掣 | 彻 | 澈 | 郴 | 臣 | 辰 | 尘 | 晨 |
| B3C0 | 忱 | 沉 | 陈 | 趁 | 衬 | 撑 | 称 | 城 | 橙 | 成 | 呈 | 乘 | 程 | 惩 | 澄 | 诚 |
| B3D0 | 承 | 逞 | 骋 | 秤 | 吃 | 痴 | 持 | 匙 | 池 | 迟 | 弛 | 驰 | 耻 | 齿 | 侈 | 尺 |
| B3E0 | 赤 | 翅 | 斥 | 炽 | 充 | 冲 | 虫 | 崇 | 宠 | 抽 | 酬 | 畴 | 踌 | 稠 | 愁 | 筹 |
| B3F0 | 仇 | 绸 | 瞅 | 丑 | 臭 | 初 | 出 | 橱 | 厨 | 躇 | 锄 | 雏 | 滁 | 除 | 楚 | |
| B440 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 |
| B450 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 |
| B460 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 |
| B470 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 |
| B480 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 |
| B490 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 |
| B4A0 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 | 砵 |
| B4B0 | 窗 | 幢 | 床 | 闯 | 创 | 吹 | 炊 | 捶 | 川 | 穿 | 椽 | 椿 | 醇 | 唇 | 串 | 纯 |
| B4C0 | 蠢 | 戳 | 绰 | 疵 | 茨 | 磁 | 雌 | 辞 | 慈 | 瓷 | 词 | 此 | 刺 | 赐 | 次 | 聪 |
| B4D0 | 葱 | 囱 | 匆 | 从 | 丛 | 凑 | 粗 | 醋 | 簇 | 促 | 蹕 | 篡 | 窜 | 摧 | 崔 | 催 |
| B4E0 | 脆 | 瘁 | 粹 | 淬 | 翠 | 村 | 存 | 寸 | 磋 | 撮 | 搓 | 措 | 挫 | 错 | 搭 | 达 |
| B4F0 | 答 | 瘩 | 打 | 大 | 呆 | 歹 | 傣 | 戴 | 带 | 殆 | 代 | 贷 | 袋 | 待 | 逮 | |
| B540 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 |
| B550 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 |
| B560 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 | 礞 |
| B570 | 袂 | 袂 | 袂 | 袂 | 袂 | 袂 | 袂 | 袂 | 袂 | 袂 | 袂 | 袂 | 袂 | 袂 | 袂 | 袂 |
| B580 | 袂 | 袂 | 袂 | 袂 | 袂 | 袂 | 袂 | 袂 | 袂 | 袂 | 袂 | 袂 | 袂 | 袂 | 袂 | 袂 |
| B590 | 裸 | 粹 | 稜 | 祿 | 禡 | 禡 | 禡 | 禡 | 禡 | 禡 | 禡 | 禡 | 禡 | 禡 | 禡 | 禡 |

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | a | b | c | d | e | f |
|------|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|---|
| B5A0 | 谿 | 怠 | 耽 | 担 | 丹 | 单 | 郸 | 掸 | 胆 | 旦 | 氮 | 但 | 惮 | 淡 | 诞 | 弹 |
| B5B0 | 蛋 | 当 | 挡 | 党 | 荡 | 档 | 刀 | 捣 | 蹈 | 倒 | 岛 | 祷 | 导 | 到 | 稻 | 悼 |
| B5C0 | 道 | 盗 | 德 | 得 | 的 | 蹬 | 灯 | 登 | 等 | 瞪 | 凳 | 邓 | 堤 | 低 | 滴 | 迪 |
| B5D0 | 敌 | 笛 | 狄 | 涤 | 翟 | 嫡 | 抵 | 底 | 地 | 蒂 | 第 | 帝 | 弟 | 递 | 缔 | 颠 |
| B5E0 | 掂 | 滇 | 碘 | 点 | 典 | 靛 | 垫 | 电 | 佃 | 甸 | 店 | 惦 | 奠 | 淀 | 殿 | 碉 |
| B5F0 | 叼 | 雕 | 凋 | 刁 | 掉 | 吊 | 钓 | 调 | 跌 | 爹 | 碟 | 蝶 | 迭 | 谍 | 叠 | |
| B640 | 裼 | 提 | 裨 | 裨 | 裨 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 |
| B650 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 |
| B660 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 |
| B670 | 稂 | 稂 | 稂 | 稂 | 稂 | 稂 | 稂 | 稂 | 稂 | 稂 | 稂 | 稂 | 稂 | 稂 | 稂 | 稂 |
| B680 | 秬 | 秬 | 秬 | 秬 | 秬 | 秬 | 秬 | 秬 | 秬 | 秬 | 秬 | 秬 | 秬 | 秬 | 秬 | 秬 |
| B690 | 税 | 秬 | 秬 | 秬 | 秬 | 秬 | 秬 | 秬 | 秬 | 秬 | 秬 | 秬 | 秬 | 秬 | 秬 | 秬 |
| B6A0 | 稜 | 丁 | 叮 | 叮 | 叮 | 顶 | 鼎 | 锭 | 定 | 订 | 丢 | 东 | 冬 | 董 | 懂 | 动 |
| B6B0 | 栋 | 侗 | 恫 | 冻 | 洞 | 兜 | 抖 | 斗 | 陡 | 豆 | 逗 | 痘 | 都 | 督 | 毒 | 犊 |
| B6C0 | 独 | 读 | 堵 | 睹 | 赌 | 杜 | 镀 | 肚 | 度 | 渡 | 妒 | 端 | 短 | 锻 | 段 | 断 |
| B6D0 | 缎 | 堆 | 兑 | 队 | 对 | 墩 | 吨 | 蹲 | 敦 | 顿 | 囤 | 钝 | 盾 | 遁 | 掇 | 哆 |
| B6E0 | 多 | 夺 | 垛 | 躲 | 朵 | 跺 | 舵 | 刳 | 惰 | 堕 | 蛾 | 峨 | 鹅 | 俄 | 额 | 讹 |
| B6F0 | 娥 | 恶 | 厄 | 扼 | 遏 | 鄂 | 饿 | 恩 | 而 | 儿 | 耳 | 尔 | 饵 | 洱 | 二 | |
| B740 | 棚 | 稟 | 稗 | 穰 | 稂 | 香 | 稗 | 稗 | 稗 | 稗 | 稗 | 稗 | 稗 | 稗 | 稗 | 稗 |
| B750 | 稍 | 稱 | 稻 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 |
| B760 | 糜 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 |
| B770 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 |
| B780 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 | 穰 |
| B790 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 |
| B7A0 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 |
| B7B0 | 钏 | 繁 | 凡 | 烦 | 反 | 返 | 范 | 贩 | 犯 | 饭 | 泛 | 坊 | 芳 | 方 | 肪 | 房 |
| B7C0 | 防 | 妨 | 仿 | 访 | 纺 | 放 | 菲 | 非 | 啡 | 飞 | 肥 | 匪 | 非 | 吠 | 肺 | 废 |
| B7D0 | 沸 | 费 | 芬 | 酚 | 吩 | 氛 | 分 | 纷 | 坟 | 焚 | 汾 | 粉 | 奋 | 份 | 忿 | 愤 |
| B7E0 | 粪 | 丰 | 封 | 枫 | 蜂 | 峰 | 锋 | 风 | 疯 | 烽 | 逢 | 冯 | 缝 | 讽 | 奉 | 凤 |
| B7F0 | 佛 | 否 | 夫 | 敷 | 肤 | 孵 | 扶 | 拂 | 辐 | 幅 | 氟 | 符 | 伏 | 俘 | 服 | |
| B840 | 罕 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 |
| B850 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 | 窳 |
| B860 | 竊 | 玁 | 汁 | 弁 | 汧 | 设 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 |
| B870 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 |
| B880 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 | 竝 |
| B890 | 筧 | 筧 | 筧 | 筧 | 筧 | 筧 | 筧 | 筧 | 筧 | 筧 | 筧 | 筧 | 筧 | 筧 | 筧 | 筧 |
| B8A0 | 筧 | 浮 | 涪 | 福 | 袱 | 弗 | 甫 | 抚 | 辅 | 俯 | 釜 | 斧 | 脯 | 腑 | 府 | 腐 |
| B8B0 | 赴 | 副 | 覆 | 赋 | 复 | 傅 | 付 | 阜 | 父 | 腹 | 负 | 富 | 讣 | 附 | 妇 | 缚 |
| B8C0 | 咐 | 噶 | 嘎 | 该 | 改 | 概 | 钙 | 盖 | 溉 | 干 | 甘 | 杆 | 柑 | 竿 | 肝 | 赶 |
| B8D0 | 感 | 秆 | 敢 | 赣 | 冈 | 刚 | 钢 | 缸 | 肛 | 纲 | 岗 | 港 | 杠 | 篙 | 皋 | 高 |
| B8E0 | 膏 | 羔 | 糕 | 搞 | 搞 | 稿 | 告 | 哥 | 歌 | 搁 | 戈 | 鸽 | 胳膊 | 疙 | 割 | 革 |
| B8F0 | 葛 | 格 | 蛤 | 阁 | 隔 | 铬 | 个 | 各 | 给 | 根 | 跟 | 耕 | 更 | 庚 | 羹 | |
| B940 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 |
| B950 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 |
| B960 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 |
| B970 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 |
| B980 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 |
| B990 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 |
| B9A0 | 箴 | 埂 | 耿 | 梗 | 工 | 攻 | 功 | 苟 | 狗 | 垢 | 构 | 购 | 够 | 辜 | 咕 | 乖 |
| B9B0 | 拱 | 贡 | 共 | 钩 | 勾 | 沟 | 苟 | 狗 | 垢 | 构 | 购 | 够 | 辜 | 咕 | 乖 | 乖 |
| B9C0 | 估 | 沽 | 孤 | 姑 | 鼓 | 古 | 蛊 | 骨 | 谷 | 股 | 故 | 顾 | 固 | 雇 | 刮 | 瓜 |
| B9D0 | 刚 | 寡 | 挂 | 褂 | 乖 | 拐 | 怪 | 棺 | 关 | 官 | 冠 | 观 | 管 | 馆 | 罐 | 惯 |
| B9E0 | 灌 | 贯 | 光 | 广 | 逛 | 瑰 | 规 | 圭 | 硅 | 归 | 龟 | 闺 | 轨 | 鬼 | 诡 | 癸 |
| B9F0 | 桂 | 柜 | 跪 | 贵 | 刽 | 辊 | 滚 | 棍 | 锅 | 郭 | 国 | 果 | 裹 | 过 | 哈 | |
| BA40 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 |
| BA50 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 | 箴 |

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | a | b | c | d | e | f |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BA60 | 簞 | 筵 | 筵 | 筵 | 簞 | 筵 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 |
| BA70 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 |
| BA80 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 |
| BA90 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 |
| BAA0 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 | 筵 |
| BAB0 | 喊 | 罕 | 翰 | 撼 | 捍 | 旱 | 憾 | 悍 | 焊 | 汗 | 汉 | 夯 | 杭 | 航 | 壕 | 嚎 |
| BAC0 | 豪 | 毫 | 郝 | 好 | 耗 | 号 | 浩 | 呵 | 喝 | 荷 | 荷 | 核 | 禾 | 和 | 何 | 合 |
| BAD0 | 盒 | 貉 | 阍 | 河 | 涸 | 赫 | 褐 | 鹤 | 贺 | 嘿 | 黑 | 痕 | 很 | 狠 | 恨 | 哼 |
| BAE0 | 亨 | 横 | 衡 | 恒 | 轰 | 哄 | 烘 | 虹 | 鸿 | 洪 | 宏 | 弘 | 红 | 喉 | 侯 | 猴 |
| BAF0 | 吼 | 厚 | 候 | 后 | 呼 | 乎 | 忽 | 瑚 | 壶 | 葫 | 胡 | 蝴 | 狐 | 糊 | 湖 | |
| BB40 | 籃 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 |
| BB50 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 |
| BB60 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 | 簞 |
| BB70 | 机 | 耗 | 机 | 机 | 机 | 机 | 机 | 机 | 机 | 机 | 机 | 机 | 机 | 机 | 机 | 机 |
| BB80 | 粗 | 柴 | 粹 | 粗 | 耗 | 积 | 粗 | 粗 | 粗 | 粗 | 粗 | 粗 | 粗 | 粗 | 粗 | 粗 |
| BB90 | 棚 | 莽 | 桩 | 栢 | 栲 | 栲 | 粗 | 粗 | 粗 | 粗 | 粗 | 粗 | 粗 | 粗 | 粗 | 粗 |
| BBA0 | 糗 | 弧 | 虎 | 唬 | 护 | 互 | 沪 | 户 | 花 | 哗 | 华 | 猾 | 滑 | 画 | 划 | 化 |
| BBB0 | 话 | 槐 | 徊 | 怀 | 淮 | 坏 | 欢 | 环 | 桓 | 还 | 缓 | 换 | 患 | 唤 | 痪 | 豢 |
| BBC0 | 焕 | 涣 | 宦 | 幻 | 荒 | 慌 | 黄 | 磺 | 蝗 | 簧 | 皇 | 凰 | 惶 | 煌 | 晃 | 幌 |
| BBD0 | 恍 | 谎 | 灰 | 挥 | 辉 | 徽 | 恢 | 蛔 | 回 | 毁 | 悔 | 慧 | 卉 | 惠 | 晦 | 贿 |
| BBE0 | 秒 | 会 | 烩 | 汇 | 讳 | 悔 | 绘 | 荤 | 昏 | 婚 | 魂 | 浑 | 混 | 豁 | 活 | 伙 |
| BBF0 | 火 | 获 | 或 | 惑 | 霍 | 货 | 祸 | 击 | 圾 | 基 | 机 | 畸 | 稽 | 积 | 箕 | |
| BC40 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 |
| BC50 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 |
| BC60 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 | 糗 |
| BC70 | 叙 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 |
| BC80 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 |
| BC90 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 |
| BCA0 | 紂 | 肌 | 饥 | 迹 | 激 | 讥 | 鸡 | 姬 | 绩 | 缉 | 吉 | 极 | 棘 | 辑 | 籍 | 集 |
| BCB0 | 及 | 急 | 疾 | 汲 | 即 | 嫉 | 级 | 挤 | 几 | 脊 | 己 | 薊 | 技 | 冀 | 季 | 伎 |
| BCC0 | 祭 | 剂 | 悸 | 济 | 寄 | 寂 | 计 | 记 | 既 | 忌 | 际 | 妓 | 继 | 纪 | 嘉 | 枷 |
| BCD0 | 夹 | 佳 | 家 | 加 | 荚 | 颊 | 贾 | 甲 | 钾 | 假 | 稼 | 价 | 架 | 驾 | 嫁 | 歼 |
| BCE0 | 监 | 坚 | 尖 | 笈 | 间 | 煎 | 兼 | 肩 | 艰 | 奸 | 缄 | 茧 | 检 | 柬 | 碱 | 硷 |
| BCF0 | 拣 | 捡 | 简 | 俭 | 剪 | 减 | 荐 | 槛 | 鉴 | 践 | 贱 | 见 | 健 | 箭 | 件 | |
| BD40 | 纒 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 |
| BD50 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 |
| BD60 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 |
| BD70 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 |
| BD80 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 |
| BD90 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 |
| BDA0 | 絳 | 健 | 舰 | 剑 | 钱 | 渐 | 溅 | 涧 | 建 | 僵 | 姜 | 将 | 浆 | 江 | 疆 | 蒋 |
| BDB0 | 浆 | 奖 | 讲 | 匠 | 酱 | 降 | 蕉 | 椒 | 礁 | 焦 | 胶 | 交 | 郊 | 浇 | 骄 | 娇 |
| BDC0 | 嚼 | 搅 | 较 | 矫 | 侥 | 脚 | 狡 | 角 | 皎 | 缴 | 绞 | 剿 | 教 | 酵 | 轿 | 较 |
| BDD0 | 叫 | 窖 | 揭 | 接 | 皆 | 秸 | 街 | 阶 | 截 | 劫 | 芥 | 桔 | 杰 | 捷 | 睫 | 竭 |
| BDE0 | 洁 | 结 | 解 | 姐 | 戒 | 藉 | 芥 | 界 | 借 | 介 | 疥 | 诫 | 届 | 巾 | 筋 | 斤 |
| BDF0 | 金 | 今 | 津 | 襟 | 紧 | 锦 | 仅 | 谨 | 进 | 靳 | 晋 | 禁 | 近 | 烬 | 浸 | |
| BE40 | 繼 | 統 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 |
| BE50 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 |
| BE60 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 |
| BE70 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 |
| BE80 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 |
| BE90 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 | 紂 |
| BEA0 | 綱 | 尽 | 劲 | 荆 | 兢 | 茎 | 睛 | 晶 | 鲸 | 京 | 惊 | 精 | 梗 | 经 | 井 | 警 |
| BEB0 | 景 | 颈 | 静 | 境 | 敬 | 镜 | 径 | 痉 | 靖 | 竟 | 竞 | 净 | 炯 | 窘 | 揪 | 究 |
| BEC0 | 纠 | 玖 | 韭 | 久 | 灸 | 九 | 酒 | 厥 | 救 | 旧 | 臼 | 舅 | 咎 | 就 | 疚 | 鞠 |
| BED0 | 拘 | 狙 | 疽 | 居 | 驹 | 菊 | 局 | 咀 | 矩 | 举 | 沮 | 聚 | 拒 | 据 | 巨 | 具 |

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | a | b | c | d | e | f |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BEE0 | 距 | 踞 | 锯 | 俱 | 句 | 惧 | 炬 | 剧 | 捐 | 鹃 | 娟 | 倦 | 眷 | 卷 | 绢 | 掬 |
| BEF0 | 攫 | 抉 | 掘 | 倔 | 爵 | 觉 | 决 | 诀 | 绝 | 均 | 菌 | 钧 | 军 | 君 | 峻 | |
| BF40 | 緻 | 缁 | 績 | 纏 | 總 | 緞 | 綠 | 總 | 縉 | 繩 | 緘 | 緹 | 緝 | 縈 | 縉 | 縊 |
| BF50 | 絕 | 縲 | 縉 | 縉 | 縉 | 縉 | 縉 | 縉 | 縉 | 縉 | 縉 | 縉 | 縉 | 縉 | 縉 | 縉 |
| BF60 | 縛 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 |
| BF70 | 縫 | 緘 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 |
| BF80 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 |
| BF90 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 |
| BFA0 | 縲 | 俊 | 竣 | 浚 | 郡 | 駿 | 喀 | 咖 | 卡 | 咯 | 开 | 措 | 楷 | 凯 | 慨 | 刊 |
| BFB0 | 堪 | 勘 | 坎 | 砍 | 看 | 康 | 慷 | 糠 | 扛 | 抗 | 亢 | 炕 | 考 | 拷 | 烤 | 靠 |
| BFC0 | 珂 | 苛 | 柯 | 棵 | 磕 | 颗 | 科 | 壳 | 咳 | 可 | 渴 | 克 | 刻 | 客 | 课 | 肯 |
| BFD0 | 啃 | 垦 | 恳 | 坑 | 吭 | 空 | 恐 | 孔 | 控 | 扼 | 口 | 扣 | 寇 | 枯 | 哭 | 窟 |
| BFE0 | 苦 | 酷 | 库 | 裤 | 夸 | 垮 | 垮 | 跨 | 跨 | 块 | 筷 | 佻 | 快 | 宽 | 款 | 匡 |
| BFF0 | 筐 | 狂 | 框 | 矿 | 眶 | 旷 | 况 | 亏 | 盔 | 岢 | 窺 | 葵 | 奎 | 魁 | 傀 | |
| C040 | 繞 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 |
| C050 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 |
| C060 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 |
| C070 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 | 縲 |
| C080 | 纒 | 纒 | 纒 | 纒 | 纒 | 纒 | 纒 | 纒 | 纒 | 纒 | 纒 | 纒 | 纒 | 纒 | 纒 | 纒 |
| C090 | 餅 | 餈 | 餈 | 餈 | 餈 | 餈 | 餈 | 餈 | 餈 | 餈 | 餈 | 餈 | 餈 | 餈 | 餈 | 餈 |
| COA0 | 𠂇 | 饋 | 愧 | 潰 | 坤 | 昆 | 捆 | 困 | 括 | 扩 | 廓 | 阔 | 垃 | 拉 | 喇 | 蜡 |
| COB0 | 腊 | 辣 | 啦 | 莱 | 来 | 赖 | 蓝 | 婪 | 栏 | 拦 | 篮 | 阑 | 兰 | 澜 | 澜 | 揽 |
| COC0 | 览 | 懒 | 缆 | 烂 | 滥 | 琅 | 榔 | 狼 | 廊 | 郎 | 朗 | 浪 | 捞 | 劳 | 牢 | 老 |
| COD0 | 佬 | 姥 | 酪 | 烙 | 涝 | 勒 | 乐 | 雷 | 镭 | 蕾 | 磊 | 累 | 儡 | 垒 | 擂 | 肋 |
| COE0 | 类 | 泪 | 棱 | 楞 | 冷 | 厘 | 梨 | 犁 | 黎 | 篱 | 狸 | 离 | 漓 | 理 | 李 | 里 |
| COF0 | 鲤 | 礼 | 莉 | 荔 | 吏 | 栗 | 丽 | 厉 | 励 | 砾 | 历 | 利 | 栗 | 例 | 俐 | |
| C140 | 罨 | 罨 | 罨 | 罨 | 罨 | 罨 | 罨 | 罨 | 罨 | 罨 | 罨 | 罨 | 罨 | 罨 | 罨 | 罨 |
| C150 | 罨 | 罨 | 罨 | 罨 | 罨 | 罨 | 罨 | 罨 | 罨 | 罨 | 罨 | 罨 | 罨 | 罨 | 罨 | 罨 |
| C160 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 |
| C170 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 |
| C180 | 播 | 弄 | 殖 | 殖 | 殖 | 殖 | 殖 | 殖 | 殖 | 殖 | 殖 | 殖 | 殖 | 殖 | 殖 | 殖 |
| C190 | 粒 | 剥 | 剥 | 剥 | 剥 | 剥 | 剥 | 剥 | 剥 | 剥 | 剥 | 剥 | 剥 | 剥 | 剥 | 剥 |
| C1A0 | 婁 | 痢 | 立 | 粒 | 沥 | 隶 | 力 | 璃 | 哩 | 俩 | 联 | 莲 | 连 | 镰 | 廉 | 怜 |
| C1B0 | 涟 | 帘 | 敛 | 脸 | 链 | 恋 | 炼 | 练 | 粮 | 凉 | 梁 | 梁 | 良 | 两 | 辆 | 量 |
| C1C0 | 晾 | 亮 | 凉 | 撩 | 聊 | 僚 | 疗 | 燎 | 寥 | 辽 | 潦 | 了 | 撷 | 僚 | 廖 | 料 |
| C1D0 | 列 | 裂 | 烈 | 劣 | 猎 | 琳 | 林 | 磷 | 霖 | 临 | 邻 | 鳞 | 淋 | 凛 | 赁 | 吝 |
| C1E0 | 拎 | 玲 | 菱 | 零 | 龄 | 铃 | 伶 | 玲 | 凌 | 灵 | 陵 | 岭 | 领 | 另 | 令 | 溜 |
| C1F0 | 琉 | 榴 | 硫 | 溜 | 留 | 刘 | 瘤 | 流 | 柳 | 六 | 龙 | 聋 | 咙 | 笼 | 窿 | |
| C240 | 翩 | 翩 | 翾 | 翾 | 翾 | 翾 | 翾 | 翾 | 翾 | 翾 | 翾 | 翾 | 翾 | 翾 | 翾 | 翾 |
| C250 | 翩 | 翩 | 翩 | 翩 | 翩 | 翩 | 翩 | 翩 | 翩 | 翩 | 翩 | 翩 | 翩 | 翩 | 翩 | 翩 |
| C260 | 柜 | 勑 | 綸 | 藉 | 積 | 糶 | 機 | 榜 | 獲 | 擾 | 穰 | 聃 | 聆 | 聃 | 聃 | 聃 |
| C270 | 聃 | 盼 | 聆 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 |
| C280 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 |
| C290 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 |
| C2A0 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 |
| C2B0 | 擄 | 卤 | 虏 | 鲁 | 麓 | 碌 | 露 | 路 | 赂 | 鹿 | 率 | 禄 | 录 | 陆 | 戮 | 驴 |
| C2C0 | 吕 | 铝 | 侣 | 旅 | 履 | 屡 | 缕 | 虑 | 氯 | 律 | 率 | 滤 | 绿 | 峦 | 李 | 李 |
| C2D0 | 滦 | 卵 | 乱 | 掠 | 略 | 抡 | 轮 | 伦 | 仑 | 沦 | 纶 | 论 | 萝 | 螺 | 罗 | 罗 |
| C2E0 | 锣 | 箩 | 骡 | 裸 | 落 | 洛 | 骆 | 络 | 妈 | 麻 | 玛 | 码 | 蚂 | 马 | 骂 | 嘛 |
| C2F0 | 吗 | 埋 | 买 | 麦 | 卖 | 迈 | 脉 | 瞒 | 馒 | 蛮 | 满 | 蔓 | 曼 | 慢 | 漫 | |
| C340 | 聃 | 庠 | 肄 | 肅 | 肇 | 肱 | 肌 | 冑 | 禽 | 肱 | 肱 | 肱 | 肱 | 肱 | 肱 | 肱 |
| C350 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 | 聃 |
| C360 | 胎 | 胸 | 腧 | 肺 | 肱 | 臍 | 臍 | 臍 | 臍 | 臍 | 臍 | 臍 | 臍 | 臍 | 臍 | 臍 |
| C370 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 |
| C380 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 |
| C390 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 | 脰 |

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | a | b | c | d | e | f |
|------|---|---|---|---|---|---|---|----|---|---|---|---|---|----|---|---|
| C3A0 | 脍 | 漫 | 芒 | 茫 | 盲 | 氓 | 忙 | 莽 | 猫 | 茅 | 锚 | 毛 | 矛 | 柳 | 卯 | 茂 |
| C3B0 | 冒 | 帽 | 貌 | 贸 | 么 | 玫 | 枚 | 梅 | 酶 | 霉 | 煤 | 没 | 眉 | 媒 | 镁 | 每 |
| C3C0 | 美 | 昧 | 寐 | 妹 | 媚 | 门 | 闷 | 们 | 萌 | 蒙 | 檬 | 盟 | 锰 | 猛 | 梦 | 孟 |
| C3D0 | 眯 | 魅 | 靡 | 糜 | 迷 | 谜 | 弥 | 米 | 秘 | 觅 | 泌 | 蜜 | 密 | 冪 | 棉 | 眠 |
| C3E0 | 绵 | 冕 | 免 | 勉 | 婉 | 缅 | 面 | 苗 | 描 | 瞄 | 藐 | 秒 | 渺 | 庙 | 妙 | 蔑 |
| C3F0 | 灭 | 民 | 扞 | 皿 | 敏 | 悯 | 闽 | 明 | 螟 | 鸣 | 铭 | 名 | 命 | 谬 | 摸 | |
| C440 | 脞 | 胼 | 腓 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 |
| C450 | 腓 | 腓 | 腓 | 腓 | 腓 | 腓 | 腓 | 腓 | 腓 | 腓 | 腓 | 腓 | 腓 | 腓 | 腓 | 腓 |
| C460 | 腓 | 腓 | 腓 | 腓 | 腓 | 腓 | 腓 | 腓 | 腓 | 腓 | 腓 | 腓 | 腓 | 腓 | 腓 | 腓 |
| C470 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 |
| C480 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 |
| C490 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 | 脞 |
| C4A0 | 臆 | 募 | 蘑 | 模 | 膜 | 磨 | 摩 | 魔 | 抹 | 末 | 莫 | 墨 | 默 | 沫 | 漠 | 寞 |
| C4B0 | 陌 | 谋 | 牟 | 某 | 拇 | 牡 | 亩 | 姆 | 母 | 墓 | 暮 | 幕 | 募 | 慕 | 木 | 目 |
| C4C0 | 睦 | 牧 | 穆 | 拿 | 哪 | 呐 | 钠 | 那 | 娜 | 纳 | 氛 | 乃 | 奶 | 耐 | 奈 | 南 |
| C4D0 | 男 | 难 | 囊 | 挠 | 脑 | 恼 | 闹 | 淖 | 呢 | 馁 | 内 | 嫩 | 能 | 妮 | 霓 | 倪 |
| C4E0 | 泥 | 尼 | 拟 | 你 | 匿 | 膩 | 逆 | 溺 | 蔫 | 拈 | 年 | 碾 | 撵 | 捻 | 念 | 娘 |
| C4F0 | 酿 | 鸟 | 尿 | 捏 | 聂 | 孽 | 啮 | 镊 | 镍 | 涅 | 您 | 柠 | 狞 | 凝 | 宁 | |
| C540 | 贖 | 臆 | 譽 | 臆 | 臘 | 膳 | 臆 | 臆 | 臆 | 臆 | 臆 | 臆 | 臆 | 臆 | 臆 | 臆 |
| C550 | 臥 | 亞 | 臨 | 驛 | 乚 | 泉 | 臆 | 臆 | 臆 | 臆 | 臆 | 臆 | 臆 | 臆 | 臆 | 臆 |
| C560 | 白 | 舌 | 舄 | 與 | 興 | 舉 | 舊 | 豐 | 舍 | 刮 | 舄 | 舄 | 舄 | 舄 | 舄 | 舄 |
| C570 | 蠱 | 醴 | 羣 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 |
| C580 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 |
| C590 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 |
| C5A0 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 | 舳 |
| C5B0 | 虐 | 疔 | 挪 | 懦 | 糯 | 诺 | 哦 | 欧 | 鸥 | 殴 | 藕 | 呕 | 偶 | 沕 | 啪 | 趴 |
| C5C0 | 爬 | 帕 | 怕 | 琶 | 拍 | 排 | 牌 | 徘徊 | 湃 | 派 | 攀 | 潘 | 盘 | 磐 | 盼 | 畔 |
| C5D0 | 判 | 叛 | 乓 | 庞 | 旁 | 榜 | 胖 | 抛 | 咆 | 刨 | 炮 | 袍 | 跑 | 泡 | 吓 | 胚 |
| C5E0 | 培 | 裴 | 贻 | 陪 | 配 | 佩 | 沛 | 喷 | 盆 | 砰 | 抨 | 烹 | 澎 | 彭 | 蓬 | 棚 |
| C5F0 | 棚 | 篷 | 膨 | 朋 | 鹏 | 捧 | 碰 | 坯 | 砒 | 霹 | 批 | 披 | 劈 | 琵琶 | 毗 | |
| C640 | 臆 | 臆 | 臆 | 臆 | 臆 | 臆 | 臆 | 臆 | 臆 | 臆 | 臆 | 臆 | 臆 | 臆 | 臆 | 臆 |
| C650 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 |
| C660 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 |
| C670 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 |
| C680 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 |
| C690 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 |
| C6A0 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 |
| C6B0 | 瓢 | 票 | 撇 | 瞥 | 拼 | 频 | 贫 | 品 | 聘 | 乒 | 坪 | 苹 | 萍 | 平 | 凭 | 瓶 |
| C6C0 | 评 | 屏 | 坡 | 泼 | 颇 | 婆 | 破 | 魄 | 迫 | 柏 | 剖 | 扑 | 铺 | 仆 | 莆 | 葡 |
| C6D0 | 菩 | 蒲 | 埔 | 朴 | 圃 | 普 | 浦 | 谱 | 曝 | 瀑 | 期 | 欺 | 栖 | 戚 | 妻 | 七 |
| C6E0 | 凄 | 漆 | 柒 | 沏 | 其 | 棋 | 奇 | 歧 | 畦 | 崎 | 脐 | 齐 | 旗 | 祈 | 祁 | 骑 |
| C6F0 | 起 | 岂 | 乞 | 企 | 启 | 契 | 砌 | 器 | 气 | 迄 | 弃 | 汽 | 泣 | 乞 | 掐 | |
| C740 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 |
| C750 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 |
| C760 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 |
| C770 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 |
| C780 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 |
| C790 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 |
| C7A0 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 |
| C7B0 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 |
| C7C0 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 |
| C7D0 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 |
| C7E0 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 |
| C7F0 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 |
| C840 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 |
| C850 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 | 苜 |

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | a | b | c | d | e | f |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CCE0 | 梯 | 提 | 题 | 蹄 | 啼 | 体 | 替 | 嚏 | 惕 | 涕 | 剃 | 雇 | 天 | 添 | 填 | 田 |
| CCF0 | 甜 | 恬 | 舔 | 腆 | 挑 | 条 | 迢 | 眺 | 跳 | 贴 | 铁 | 帖 | 厅 | 听 | 炅 | |
| CD40 | 蚋 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 |
| CD50 | 蚤 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 |
| CD60 | 蚋 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 |
| CD70 | 蚋 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 |
| CD80 | 蚋 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 |
| CD90 | 蚋 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 |
| CDA0 | 蚋 | 汀 | 廷 | 停 | 亭 | 庭 | 挺 | 艇 | 通 | 桐 | 酮 | 瞳 | 同 | 铜 | 彤 | 童 |
| CDB0 | 桶 | 捅 | 筒 | 统 | 痛 | 偷 | 投 | 头 | 透 | 凸 | 秃 | 突 | 图 | 徒 | 途 | 涂 |
| CDC0 | 屠 | 土 | 吐 | 兔 | 湍 | 团 | 推 | 颓 | 腿 | 蜕 | 褪 | 退 | 吞 | 屯 | 臀 | 拖 |
| CDD0 | 托 | 脱 | 鸵 | 陀 | 驮 | 驼 | 椭 | 妥 | 拓 | 唾 | 挖 | 哇 | 蛙 | 洼 | 娃 | 瓦 |
| CDE0 | 袜 | 歪 | 外 | 腕 | 弯 | 湾 | 玩 | 顽 | 丸 | 烷 | 完 | 碗 | 挽 | 晚 | 皖 | 惋 |
| CDF0 | 宛 | 婉 | 万 | 腕 | 汪 | 王 | 亡 | 枉 | 网 | 往 | 旺 | 望 | 忘 | 妄 | 威 | |
| CE40 | 蚋 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 |
| CE50 | 蚋 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 |
| CE60 | 蚋 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 |
| CE70 | 蚋 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 |
| CE80 | 蚋 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 |
| CE90 | 蚋 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 | 蚪 |
| CEA0 | 缺 | 巍 | 微 | 危 | 韦 | 违 | 桅 | 围 | 唯 | 惟 | 为 | 淮 | 维 | 苇 | 萎 | 委 |
| CEB0 | 伟 | 伪 | 尾 | 纬 | 未 | 蔚 | 味 | 畏 | 胃 | 喂 | 魏 | 位 | 渭 | 谓 | 尉 | 慰 |
| CEC0 | 卫 | 瘟 | 温 | 蚊 | 文 | 闻 | 纹 | 吻 | 稳 | 紊 | 问 | 喻 | 翁 | 瓮 | 挝 | 蜗 |
| CED0 | 涡 | 窝 | 我 | 斡 | 卧 | 握 | 沃 | 巫 | 呜 | 鸪 | 乌 | 污 | 诬 | 屋 | 无 | 芜 |
| CEE0 | 梧 | 吾 | 吴 | 毋 | 武 | 五 | 梧 | 午 | 舞 | 伍 | 侮 | 坞 | 戊 | 雾 | 晤 | 物 |
| CEF0 | 勿 | 务 | 悟 | 误 | 昔 | 熙 | 析 | 西 | 晒 | 矽 | 晰 | 嘻 | 吸 | 锡 | 牺 | |
| CF40 | 蝗 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 |
| CF50 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 |
| CF60 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 |
| CF70 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 |
| CF80 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 |
| CF90 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 | 螭 |
| CFA0 | 螭 | 稀 | 息 | 希 | 悉 | 膝 | 夕 | 惜 | 熄 | 烯 | 溪 | 汐 | 犀 | 檄 | 袭 | 席 |
| CFB0 | 刁 | 媳 | 喜 | 铣 | 洗 | 系 | 隙 | 戏 | 细 | 瞎 | 虾 | 匣 | 霞 | 辖 | 暇 | 峡 |
| CFC0 | 侠 | 狭 | 下 | 厦 | 夏 | 吓 | 掀 | 掀 | 先 | 仙 | 鲜 | 纤 | 咸 | 贤 | 衔 | 舷 |
| CFD0 | 闲 | 涎 | 弦 | 嫌 | 显 | 险 | 现 | 献 | 县 | 腺 | 馅 | 羨 | 宪 | 陷 | 限 | 线 |
| CFE0 | 相 | 厢 | 饷 | 香 | 箱 | 襄 | 湘 | 乡 | 翔 | 祥 | 洋 | 想 | 响 | 享 | 项 | 巷 |
| CFF0 | 橡 | 像 | 向 | 象 | 萧 | 硝 | 霄 | 削 | 哮 | 器 | 销 | 消 | 宵 | 淆 | 晓 | |
| D040 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 |
| D050 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 |
| D060 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 | 蠹 |
| D070 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 |
| D080 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 |
| D090 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 | 衿 |
| DOA0 | 祛 | 小 | 孝 | 校 | 肖 | 啸 | 笑 | 效 | 楔 | 些 | 歇 | 蝎 | 鞋 | 协 | 挟 | 携 |
| DOB0 | 邪 | 斜 | 肋 | 谐 | 写 | 械 | 卸 | 蟹 | 懈 | 泄 | 泻 | 谢 | 屑 | 薪 | 芯 | 铤 |
| DOC0 | 欣 | 辛 | 新 | 忻 | 心 | 信 | 衅 | 星 | 腥 | 猩 | 惺 | 兴 | 刑 | 型 | 形 | 邢 |
| DOD0 | 行 | 醒 | 幸 | 杏 | 性 | 姓 | 兄 | 凶 | 胸 | 匈 | 汹 | 雄 | 熊 | 休 | 修 | 羞 |
| DOE0 | 朽 | 嗅 | 锈 | 秀 | 袖 | 绣 | 墟 | 戊 | 需 | 虚 | 嘘 | 须 | 徐 | 许 | 蓄 | 酗 |
| DOF0 | 叙 | 旭 | 序 | 畜 | 恤 | 絮 | 婿 | 绪 | 续 | 轩 | 喧 | 宣 | 悬 | 旋 | 玄 | |
| D140 | 衰 | 裌 | 被 | 裴 | 裘 | 侈 | 袴 | 袪 | 袪 | 袴 | 袪 | 袪 | 袪 | 袪 | 袪 | 袪 |
| D150 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 |
| D160 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 |
| D170 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 |
| D180 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 |
| D190 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 | 裌 |

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | a | b | c | d | e | f |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D1A0 | 襪 | 选 | 癖 | 眩 | 绚 | 靴 | 薛 | 学 | 穴 | 雪 | 血 | 勋 | 熏 | 循 | 旬 | 询 |
| D1B0 | 寻 | 驯 | 巡 | 殉 | 汛 | 训 | 讯 | 逊 | 迅 | 压 | 押 | 鸦 | 鸭 | 呀 | 丫 | 芽 |
| D1C0 | 牙 | 蚜 | 崖 | 衙 | 涯 | 雅 | 哑 | 亚 | 讶 | 焉 | 咽 | 阉 | 烟 | 淹 | 盐 | 严 |
| D1D0 | 研 | 蜒 | 岩 | 延 | 言 | 颜 | 阎 | 炎 | 沿 | 奄 | 掩 | 眼 | 衍 | 演 | 艳 | 堰 |
| D1E0 | 燕 | 厌 | 砚 | 雁 | 唁 | 彦 | 焰 | 宴 | 谚 | 验 | 殃 | 央 | 鸯 | 秧 | 杨 | 扬 |
| D1F0 | 佯 | 疡 | 羊 | 洋 | 阳 | 氧 | 仰 | 痒 | 养 | 样 | 漾 | 邀 | 腰 | 妖 | 瑶 | |
| D240 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 |
| D250 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 |
| D260 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 |
| D270 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 |
| D280 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 |
| D290 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 |
| D2A0 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 |
| D2B0 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 |
| D2C0 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 |
| D2D0 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 |
| D2E0 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 |
| D2F0 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 | 褙 |
| D340 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 |
| D350 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 |
| D360 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 |
| D370 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 |
| D380 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 |
| D390 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 |
| D3A0 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 |
| D3B0 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 |
| D3C0 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 |
| D3D0 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 |
| D3E0 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 |
| D3F0 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 | 覷 |
| D440 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |
| D450 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |
| D460 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |
| D470 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |
| D480 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |
| D490 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |
| D4A0 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |
| D4B0 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |
| D4C0 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |
| D4D0 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |
| D4E0 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |
| D4F0 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |
| D540 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |
| D550 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |
| D560 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |
| D570 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |
| D580 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |
| D590 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |
| D5A0 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |
| D5B0 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |
| D5C0 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |
| D5D0 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |
| D5E0 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |
| D5F0 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |
| D640 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |
| D650 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 | 詵 |

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|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D660 | 膳 | 謫 | 謫 | 譽 | 諛 | 謊 | 誑 | 譎 | 警 | 謎 | 謾 | 謔 | 謔 | 諗 | 諗 | |
| D670 | 讒 | 謾 | 謗 | 諱 | 謙 | 謚 | 講 | 譎 | 謝 | 謫 | 謔 | 謔 | 謔 | 謔 | 謔 | |
| D680 | 諛 | 謔 | 謔 | 謔 | 謔 | 謔 | 謔 | 謔 | 謔 | 謔 | 謔 | 謔 | 謔 | 謔 | 謔 | 謔 |
| D690 | 謔 | 謔 | 謔 | 謔 | 謔 | 謔 | 謔 | 謔 | 謔 | 謔 | 謔 | 謔 | 謔 | 謔 | 謔 | 謔 |
| D6A0 | 謔 | 幀 | 症 | 郑 | 证 | 芝 | 枝 | 支 | 吱 | 蚰 | 知 | 肢 | 脂 | 汁 | 之 | 织 |
| D6B0 | 职 | 直 | 植 | 殖 | 执 | 值 | 侄 | 址 | 指 | 止 | 趾 | 只 | 旨 | 纸 | 志 | 摯 |
| D6C0 | 掷 | 至 | 致 | 置 | 帜 | 峙 | 制 | 智 | 秩 | 稚 | 质 | 炙 | 痔 | 滞 | 治 | 窒 |
| D6D0 | 中 | 盅 | 忠 | 钟 | 衷 | 终 | 种 | 肿 | 重 | 仲 | 众 | 舟 | 周 | 州 | 洲 | 洵 |
| D6E0 | 粥 | 轴 | 肘 | 帚 | 咒 | 皱 | 宙 | 昼 | 骤 | 珠 | 株 | 蛛 | 朱 | 猪 | 诸 | 洵 |
| D6F0 | 逐 | 竹 | 烛 | 煮 | 拄 | 瞩 | 嘱 | 主 | 著 | 柱 | 助 | 蛀 | 贮 | 铸 | 筑 | |
| D740 | 諛 | 諛 | 諛 | 證 | 諛 | 調 | 諛 | 謔 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 |
| D750 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 |
| D760 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 |
| D770 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 |
| D780 | 調 | 譎 | 譎 | 變 | 誓 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 |
| D790 | 講 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 | 譎 |
| D7A0 | 諛 | 住 | 注 | 祝 | 駐 | 抓 | 爪 | 拽 | 专 | 砖 | 转 | 撰 | 赚 | 篆 | 桩 | 庄 |
| D7B0 | 装 | 妆 | 撞 | 壮 | 状 | 椎 | 锥 | 追 | 赘 | 坠 | 缀 | 淳 | 准 | 捉 | 拙 | 卓 |
| D7C0 | 桌 | 琢 | 茁 | 酌 | 啄 | 着 | 灼 | 浊 | 兹 | 咨 | 资 | 姿 | 滋 | 淄 | 孜 | 紫 |
| D7D0 | 仔 | 籽 | 滓 | 子 | 自 | 渍 | 字 | 髻 | 棕 | 踪 | 宗 | 综 | 总 | 纵 | 邹 | 走 |
| D7E0 | 奏 | 揍 | 租 | 足 | 卒 | 族 | 祖 | 沮 | 阻 | 组 | 钻 | 纂 | 嘴 | 醉 | 最 | 罪 |
| D7F0 | 尊 | 遵 | 昨 | 左 | 佐 | 柞 | 做 | 作 | 坐 | 座 | | | | | | |
| D840 | 裕 | 徂 | 苻 | 飢 | 饬 | 飢 | 飢 | 飢 | 饬 | 饬 | 徂 | 徂 | 徂 | 豈 | 豈 | 豈 |
| D850 | 啤 | 豎 | 賺 | 豐 | 豎 | 豎 | 豎 | 豎 | 豎 | 豎 | 豎 | 豎 | 豎 | 豎 | 豎 | 豎 |
| D860 | 貌 | 狙 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 |
| D870 | 猶 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 |
| D880 | 豹 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 | 豕 |
| D890 | 貝 | 貞 | 貞 | 負 | 財 | 貢 | 貢 | 馳 | 航 | 航 | 貧 | 貨 | 販 | 貪 | 貫 | 賁 |
| D8A0 | 賁 | 丁 | 丁 | 兀 | 丐 | 廿 | 卅 | 丕 | 亘 | 丞 | 昂 | 奢 | 盟 | 丨 | 禺 | 丿 |
| D8B0 | 匕 | 匕 | 天 | 爻 | 卮 | 氏 | 凶 | 胤 | 旭 | 毓 | 辜 | 戮 | 、 | 亟 | 鼎 | 乚 |
| D8C0 | 乚 | 亅 | 半 | 孛 | 嵩 | 嘏 | 仄 | 厓 | 厓 | 厓 | 厥 | 斯 | 厓 | 厓 | 厓 | 厓 |
| D8D0 | 匱 | 匱 | 匱 | 匱 | 卦 | 占 | 司 | 刈 | 勿 | 到 | 到 | 到 | 到 | 到 | 到 | 到 |
| D8E0 | 剗 | 剗 | 剗 | 剗 | 剗 | 剗 | 剗 | 剗 | 剗 | 剗 | 剗 | 剗 | 剗 | 剗 | 剗 | 剗 |
| D8F0 | 仞 | 仞 | 仞 | 仞 | 仞 | 仞 | 仞 | 仞 | 仞 | 仞 | 仞 | 仞 | 仞 | 仞 | 仞 | 仞 |
| D940 | 貳 | 貯 | 貫 | 賁 | 賁 | 貳 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 |
| D950 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 |
| D960 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 |
| D970 | 賞 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 |
| D980 | 賭 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 |
| D990 | 賽 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 | 賁 |
| D9A0 | 贍 | 侏 | 侏 | 侏 | 伽 | 佶 | 佶 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 |
| D9B0 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 |
| D9C0 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 |
| D9D0 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 |
| D9E0 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 | 侏 |
| D9F0 | 充 | 毫 | 衮 | 異 | 黃 | 馘 | 馘 | 馘 | 馘 | 馘 | 馘 | 馘 | 馘 | 馘 | 馘 | 馘 |
| DA40 | 購 | 贏 | 贖 | 贖 | 贖 | 贖 | 贖 | 贖 | 贖 | 贖 | 贖 | 贖 | 贖 | 贖 | 贖 | 贖 |
| DA50 | 蝨 | 媯 | 媯 | 媯 | 媯 | 媯 | 媯 | 媯 | 媯 | 媯 | 媯 | 媯 | 媯 | 媯 | 媯 | 媯 |
| DA60 | 趁 | 趁 | 趁 | 趁 | 趁 | 趁 | 趁 | 趁 | 趁 | 趁 | 趁 | 趁 | 趁 | 趁 | 趁 | 趁 |
| DA70 | 趨 | 趨 | 趨 | 趨 | 趨 | 趨 | 趨 | 趨 | 趨 | 趨 | 趨 | 趨 | 趨 | 趨 | 趨 | 趨 |
| DA80 | 趨 | 趨 | 趨 | 趨 | 趨 | 趨 | 趨 | 趨 | 趨 | 趨 | 趨 | 趨 | 趨 | 趨 | 趨 | 趨 |
| DA90 | 跂 | 跌 | 跨 | 跂 | 明 | 跂 | 跂 | 跂 | 跂 | 跂 | 跂 | 跂 | 跂 | 跂 | 跂 | 跂 |
| DAA0 | 跂 | 淞 | 冢 | 冥 | 讪 | 讪 | 讪 | 讪 | 讪 | 讪 | 讪 | 讪 | 讪 | 讪 | 讪 | 讪 |
| DAB0 | 拙 | 治 | 詭 | 誑 | 誑 | 誑 | 誑 | 誑 | 誑 | 誑 | 誑 | 誑 | 誑 | 誑 | 誑 | 誑 |
| DAC0 | 諛 | 詭 | 詭 | 諛 | 諛 | 諛 | 諛 | 諛 | 諛 | 諛 | 諛 | 諛 | 諛 | 諛 | 諛 | 諛 |
| DAD0 | 諦 | 詭 | 諛 | 諛 | 諛 | 諛 | 諛 | 諛 | 諛 | 諛 | 諛 | 諛 | 諛 | 諛 | 諛 | 諛 |

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | a | b | c | d | e | f |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAE0 | 𠃉 | 𠃊 | 𠃋 | 𠃌 | 𠃍 | 𠃎 | 𠃏 | 𠃐 | 𠃑 | 𠃒 | 𠃓 | 𠃔 | 𠃕 | 𠃖 | 𠃗 | 𠃘 |
| DAF0 | 𠃙 | 𠃚 | 𠃛 | 𠃜 | 𠃝 | 𠃞 | 𠃟 | 𠃠 | 𠃡 | 𠃢 | 𠃣 | 𠃤 | 𠃥 | 𠃦 | 𠃧 | 𠃨 |
| DB40 | 𠃩 | 𠃪 | 𠃫 | 𠃬 | 𠃭 | 𠃮 | 𠃯 | 𠃰 | 𠃱 | 𠃲 | 𠃳 | 𠃴 | 𠃵 | 𠃶 | 𠃷 | 𠃸 |
| DB50 | 𠃹 | 𠃺 | 𠃻 | 𠃼 | 𠃽 | 𠃾 | 𠃿 | 𠄀 | 𠄁 | 𠄂 | 𠄃 | 𠄄 | 𠄅 | 𠄆 | 𠄇 | 𠄈 |
| DB60 | 𠄉 | 𠄊 | 𠄋 | 𠄌 | 𠄍 | 𠄎 | 𠄏 | 𠄐 | 𠄑 | 𠄒 | 𠄓 | 𠄔 | 𠄕 | 𠄖 | 𠄗 | 𠄘 |
| DB70 | 𠄙 | 𠄚 | 𠄛 | 𠄜 | 𠄝 | 𠄞 | 𠄟 | 𠄠 | 𠄡 | 𠄢 | 𠄣 | 𠄤 | 𠄥 | 𠄦 | 𠄧 | 𠄨 |
| DB80 | 𠄩 | 𠄪 | 𠄫 | 𠄬 | 𠄭 | 𠄮 | 𠄯 | 𠄰 | 𠄱 | 𠄲 | 𠄳 | 𠄴 | 𠄵 | 𠄶 | 𠄷 | 𠄸 |
| DB90 | 𠄹 | 𠄺 | 𠄻 | 𠄼 | 𠄽 | 𠄾 | 𠄿 | 𠅀 | 𠅁 | 𠅂 | 𠅃 | 𠅄 | 𠅅 | 𠅆 | 𠅇 | 𠅈 |
| DBA0 | 𠅉 | 𠅊 | 𠅋 | 𠅌 | 𠅍 | 𠅎 | 𠅏 | 𠅐 | 𠅑 | 𠅒 | 𠅓 | 𠅔 | 𠅕 | 𠅖 | 𠅗 | 𠅘 |
| DBB0 | 𠅙 | 𠅚 | 𠅛 | 𠅜 | 𠅝 | 𠅞 | 𠅟 | 𠅠 | 𠅡 | 𠅢 | 𠅣 | 𠅤 | 𠅥 | 𠅦 | 𠅧 | 𠅨 |
| DBC0 | 𠅩 | 𠅪 | 𠅫 | 𠅬 | 𠅭 | 𠅮 | 𠅯 | 𠅰 | 𠅱 | 𠅲 | 𠅳 | 𠅴 | 𠅵 | 𠅶 | 𠅷 | 𠅸 |
| DBD0 | 𠅹 | 𠅺 | 𠅻 | 𠅼 | 𠅽 | 𠅾 | 𠅿 | 𠆀 | 𠆁 | 𠆂 | 𠆃 | 𠆄 | 𠆅 | 𠆆 | 𠆇 | 𠆈 |
| DBE0 | 𠆉 | 𠆊 | 𠆋 | 𠆌 | 𠆍 | 𠆎 | 𠆏 | 𠆐 | 𠆑 | 𠆒 | 𠆓 | 𠆔 | 𠆕 | 𠆖 | 𠆗 | 𠆘 |
| DBF0 | 𠆙 | 𠆚 | 𠆛 | 𠆜 | 𠆝 | 𠆞 | 𠆟 | 𠆠 | 𠆡 | 𠆢 | 𠆣 | 𠆤 | 𠆥 | 𠆦 | 𠆧 | 𠆨 |
| DC40 | 𠆩 | 𠆪 | 𠆫 | 𠆬 | 𠆭 | 𠆮 | 𠆯 | 𠆰 | 𠆱 | 𠆲 | 𠆳 | 𠆴 | 𠆵 | 𠆶 | 𠆷 | 𠆸 |
| DC50 | 𠆹 | 𠆺 | 𠆻 | 𠆼 | 𠆽 | 𠆾 | 𠆿 | 𠇀 | 𠇁 | 𠇂 | 𠇃 | 𠇄 | 𠇅 | 𠇆 | 𠇇 | 𠇈 |
| DC60 | 𠇉 | 𠇊 | 𠇋 | 𠇌 | 𠇍 | 𠇎 | 𠇏 | 𠇐 | 𠇑 | 𠇒 | 𠇓 | 𠇔 | 𠇕 | 𠇖 | 𠇗 | 𠇘 |
| DC70 | 𠇙 | 𠇚 | 𠇛 | 𠇜 | 𠇝 | 𠇞 | 𠇟 | 𠇠 | 𠇡 | 𠇢 | 𠇣 | 𠇤 | 𠇥 | 𠇦 | 𠇧 | 𠇨 |
| DC80 | 𠇩 | 𠇪 | 𠇫 | 𠇬 | 𠇭 | 𠇮 | 𠇯 | 𠇰 | 𠇱 | 𠇲 | 𠇳 | 𠇴 | 𠇵 | 𠇶 | 𠇷 | 𠇸 |
| DC90 | 𠇹 | 𠇺 | 𠇻 | 𠇼 | 𠇽 | 𠇾 | 𠇿 | 𠈀 | 𠈁 | 𠈂 | 𠈃 | 𠈄 | 𠈅 | 𠈆 | 𠈇 | 𠈈 |
| DCA0 | 𠈉 | 𠈊 | 𠈋 | 𠈌 | 𠈍 | 𠈎 | 𠈏 | 𠈐 | 𠈑 | 𠈒 | 𠈓 | 𠈔 | 𠈕 | 𠈖 | 𠈗 | 𠈘 |
| DCB0 | 𠈙 | 𠈚 | 𠈛 | 𠈜 | 𠈝 | 𠈞 | 𠈟 | 𠈠 | 𠈡 | 𠈢 | 𠈣 | 𠈤 | 𠈥 | 𠈦 | 𠈧 | 𠈨 |
| DCC0 | 𠈩 | 𠈪 | 𠈫 | 𠈬 | 𠈭 | 𠈮 | 𠈯 | 𠈰 | 𠈱 | 𠈲 | 𠈳 | 𠈴 | 𠈵 | 𠈶 | 𠈷 | 𠈸 |
| DCD0 | 𠈹 | 𠈺 | 𠈻 | 𠈼 | 𠈽 | 𠈾 | 𠈿 | 𠉀 | 𠉁 | 𠉂 | 𠉃 | 𠉄 | 𠉅 | 𠉆 | 𠉇 | 𠉈 |
| DCE0 | 𠉉 | 𠉊 | 𠉋 | 𠉌 | 𠉍 | 𠉎 | 𠉏 | 𠉐 | 𠉑 | 𠉒 | 𠉓 | 𠉔 | 𠉕 | 𠉖 | 𠉗 | 𠉘 |
| DCF0 | 𠉙 | 𠉚 | 𠉛 | 𠉜 | 𠉝 | 𠉞 | 𠉟 | 𠉠 | 𠉡 | 𠉢 | 𠉣 | 𠉤 | 𠉥 | 𠉦 | 𠉧 | 𠉨 |
| DD40 | 𠉩 | 𠉪 | 𠉫 | 𠉬 | 𠉭 | 𠉮 | 𠉯 | 𠉰 | 𠉱 | 𠉲 | 𠉳 | 𠉴 | 𠉵 | 𠉶 | 𠉷 | 𠉸 |
| DD50 | 𠉹 | 𠉺 | 𠉻 | 𠉼 | 𠉽 | 𠉾 | 𠉿 | 𠊀 | 𠊁 | 𠊂 | 𠊃 | 𠊄 | 𠊅 | 𠊆 | 𠊇 | 𠊈 |
| DD60 | 𠊉 | 𠊊 | 𠊋 | 𠊌 | 𠊍 | 𠊎 | 𠊏 | 𠊐 | 𠊑 | 𠊒 | 𠊓 | 𠊔 | 𠊕 | 𠊖 | 𠊗 | 𠊘 |
| DD70 | 𠊙 | 𠊚 | 𠊛 | 𠊜 | 𠊝 | 𠊞 | 𠊟 | 𠊠 | 𠊡 | 𠊢 | 𠊣 | 𠊤 | 𠊥 | 𠊦 | 𠊧 | 𠊨 |
| DD80 | 𠊩 | 𠊪 | 𠊫 | 𠊬 | 𠊭 | 𠊮 | 𠊯 | 𠊰 | 𠊱 | 𠊲 | 𠊳 | 𠊴 | 𠊵 | 𠊶 | 𠊷 | 𠊸 |
| DD90 | 𠊹 | 𠊺 | 𠊻 | 𠊼 | 𠊽 | 𠊾 | 𠊿 | 𠋀 | 𠋁 | 𠋂 | 𠋃 | 𠋄 | 𠋅 | 𠋆 | 𠋇 | 𠋈 |
| DDA0 | 𠋉 | 𠋊 | 𠋋 | 𠋌 | 𠋍 | 𠋎 | 𠋏 | 𠋐 | 𠋑 | 𠋒 | 𠋓 | 𠋔 | 𠋕 | 𠋖 | 𠋗 | 𠋘 |
| DDB0 | 𠋙 | 𠋚 | 𠋛 | 𠋜 | 𠋝 | 𠋞 | 𠋟 | 𠋠 | 𠋡 | 𠋢 | 𠋣 | 𠋤 | 𠋥 | 𠋦 | 𠋧 | 𠋨 |
| DDC0 | 𠋩 | 𠋪 | 𠋫 | 𠋬 | 𠋭 | 𠋮 | 𠋯 | 𠋰 | 𠋱 | 𠋲 | 𠋳 | 𠋴 | 𠋵 | 𠋶 | 𠋷 | 𠋸 |
| DDD0 | 𠋹 | 𠋺 | 𠋻 | 𠋼 | 𠋽 | 𠋾 | 𠋿 | 𠌀 | 𠌁 | 𠌂 | 𠌃 | 𠌄 | 𠌅 | 𠌆 | 𠌇 | 𠌈 |
| DDE0 | 𠌉 | 𠌊 | 𠌋 | 𠌌 | 𠌍 | 𠌎 | 𠌏 | 𠌐 | 𠌑 | 𠌒 | 𠌓 | 𠌔 | 𠌕 | 𠌖 | 𠌗 | 𠌘 |
| DDF0 | 𠌙 | 𠌚 | 𠌛 | 𠌜 | 𠌝 | 𠌞 | 𠌟 | 𠌠 | 𠌡 | 𠌢 | 𠌣 | 𠌤 | 𠌥 | 𠌦 | 𠌧 | 𠌨 |
| DE40 | 𠌩 | 𠌪 | 𠌫 | 𠌬 | 𠌭 | 𠌮 | 𠌯 | 𠌰 | 𠌱 | 𠌲 | 𠌳 | 𠌴 | 𠌵 | 𠌶 | 𠌷 | 𠌸 |
| DE50 | 𠌹 | 𠌺 | 𠌻 | 𠌼 | 𠌽 | 𠌾 | 𠌿 | 𠍀 | 𠍁 | 𠍂 | 𠍃 | 𠍄 | 𠍅 | 𠍆 | 𠍇 | 𠍈 |
| DE60 | 𠍉 | 𠍊 | 𠍋 | 𠍌 | 𠍍 | 𠍎 | 𠍏 | 𠍐 | 𠍑 | 𠍒 | 𠍓 | 𠍔 | 𠍕 | 𠍖 | 𠍗 | 𠍘 |
| DE70 | 𠍙 | 𠍚 | 𠍛 | 𠍜 | 𠍝 | 𠍞 | 𠍟 | 𠍠 | 𠍡 | 𠍢 | 𠍣 | 𠍤 | 𠍥 | 𠍦 | 𠍧 | 𠍨 |
| DE80 | 𠍩 | 𠍪 | 𠍫 | 𠍬 | 𠍭 | 𠍮 | 𠍯 | 𠍰 | 𠍱 | 𠍲 | 𠍳 | 𠍴 | 𠍵 | 𠍶 | 𠍷 | 𠍸 |
| DE90 | 𠍹 | 𠍺 | 𠍻 | 𠍼 | 𠍽 | 𠍾 | 𠍿 | 𠎀 | 𠎁 | 𠎂 | 𠎃 | 𠎄 | 𠎅 | 𠎆 | 𠎇 | 𠎈 |
| DEA0 | 𠎉 | 𠎊 | 𠎋 | 𠎌 | 𠎍 | 𠎎 | 𠎏 | 𠎐 | 𠎑 | 𠎒 | 𠎓 | 𠎔 | 𠎕 | 𠎖 | 𠎗 | 𠎘 |
| DEB0 | 𠎙 | 𠎚 | 𠎛 | 𠎜 | 𠎝 | 𠎞 | 𠎟 | 𠎠 | 𠎡 | 𠎢 | 𠎣 | 𠎤 | 𠎥 | 𠎦 | 𠎧 | 𠎨 |
| DEC0 | 𠎩 | 𠎪 | 𠎫 | 𠎬 | 𠎭 | 𠎮 | 𠎯 | 𠎰 | 𠎱 | 𠎲 | 𠎳 | 𠎴 | 𠎵 | 𠎶 | 𠎷 | 𠎸 |
| DED0 | 𠎹 | 𠎺 | 𠎻 | 𠎼 | 𠎽 | 𠎾 | 𠎿 | 𠏀 | 𠏁 | 𠏂 | 𠏃 | 𠏄 | 𠏅 | 𠏆 | 𠏇 | 𠏈 |
| DEE0 | 𠏉 | 𠏊 | 𠏋 | 𠏌 | 𠏍 | 𠏎 | 𠏏 | 𠏐 | 𠏑 | 𠏒 | 𠏓 | 𠏔 | 𠏕 | 𠏖 | 𠏗 | 𠏘 |
| DEF0 | 𠏙 | 𠏚 | 𠏛 | 𠏜 | 𠏝 | 𠏞 | 𠏟 | 𠏠 | 𠏡 | 𠏢 | 𠏣 | 𠏤 | 𠏥 | 𠏦 | 𠏧 | 𠏨 |
| DF40 | 𠏩 | 𠏪 | 𠏫 | 𠏬 | 𠏭 | 𠏮 | 𠏯 | 𠏰 | 𠏱 | 𠏲 | 𠏳 | 𠏴 | 𠏵 | 𠏶 | 𠏷 | 𠏸 |
| DF50 | 𠏹 | 𠏺 | 𠏻 | 𠏼 | 𠏽 | 𠏾 | 𠏿 | 𠐀 | 𠐁 | 𠐂 | 𠐃 | 𠐄 | 𠐅 | 𠐆 | 𠐇 | 𠐈 |
| DF60 | 𠐉 | 𠐊 | 𠐋 | 𠐌 | 𠐍 | 𠐎 | 𠐏 | 𠐐 | 𠐑 | 𠐒 | 𠐓 | 𠐔 | 𠐕 | 𠐖 | 𠐗 | 𠐘 |
| DF70 | 𠐙 | 𠐚 | 𠐛 | 𠐜 | 𠐝 | 𠐞 | 𠐟 | 𠐠 | 𠐡 | 𠐢 | 𠐣 | 𠐤 | 𠐥 | 𠐦 | 𠐧 | 𠐨 |
| DF80 | 𠐩 | 𠐪 | 𠐫 | 𠐬 | 𠐭 | 𠐮 | 𠐯 | 𠐰 | 𠐱 | 𠐲 | 𠐳 | 𠐴 | 𠐵 | 𠐶 | 𠐷 | 𠐸 |
| DF90 | 𠐹 | 𠐺 | 𠐻 | 𠐼 | 𠐽 | 𠐾 | 𠐿 | 𠑀 | 𠑁 | 𠑂 | 𠑃 | 𠑄 | 𠑅 | 𠑆 | 𠑇 | 𠑈 |

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | a | b | c | d | e | f |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EDA0 | 頤 | 忒 | 惹 | 恚 | 恧 | 恧 | 恙 | 恣 | 恣 | 愆 | 愆 | 愆 | 愆 | 愆 | 愆 | 愆 |
| EDB0 | 戇 | 聿 | 聿 | 查 | 棠 | 森 | 矾 | 矸 | 矸 | 砉 | 砉 | 砉 | 砉 | 砉 | 砉 | 砉 |
| EDC0 | 砧 | 砧 | 砧 | 砧 | 砧 | 砧 | 砧 | 砧 | 砧 | 砧 | 砧 | 砧 | 砧 | 砧 | 砧 | 砧 |
| EDD0 | 砧 | 砧 | 砧 | 砧 | 砧 | 砧 | 砧 | 砧 | 砧 | 砧 | 砧 | 砧 | 砧 | 砧 | 砧 | 砧 |
| EDE0 | 磬 | 磬 | 磬 | 磬 | 磬 | 磬 | 磬 | 磬 | 磬 | 磬 | 磬 | 磬 | 磬 | 磬 | 磬 | 磬 |
| EDF0 | 眇 | 眇 | 眇 | 眇 | 眇 | 眇 | 眇 | 眇 | 眇 | 眇 | 眇 | 眇 | 眇 | 眇 | 眇 | 眇 |
| EE40 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 |
| EE50 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 |
| EE60 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 |
| EE70 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 |
| EE80 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 |
| EE90 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 |
| EEA0 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 | 頰 |
| EEB0 | 吠 | 吠 | 吠 | 吠 | 吠 | 吠 | 吠 | 吠 | 吠 | 吠 | 吠 | 吠 | 吠 | 吠 | 吠 | 吠 |
| EEC0 | 晉 | 盍 | 盍 | 盍 | 盍 | 盍 | 盍 | 盍 | 盍 | 盍 | 盍 | 盍 | 盍 | 盍 | 盍 | 盍 |
| EED0 | 杯 | 鈇 | 鉅 | 鉅 | 鉅 | 鉅 | 鉅 | 鉅 | 鉅 | 鉅 | 鉅 | 鉅 | 鉅 | 鉅 | 鉅 | 鉅 |
| EEE0 | 鉞 | 鉞 | 鉞 | 鉞 | 鉞 | 鉞 | 鉞 | 鉞 | 鉞 | 鉞 | 鉞 | 鉞 | 鉞 | 鉞 | 鉞 | 鉞 |
| EEF0 | 鉞 | 鉞 | 鉞 | 鉞 | 鉞 | 鉞 | 鉞 | 鉞 | 鉞 | 鉞 | 鉞 | 鉞 | 鉞 | 鉞 | 鉞 | 鉞 |
| EF40 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 |
| EF50 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 |
| EF60 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 |
| EF70 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 | 颯 |
| EF80 | 飪 | 飪 | 飪 | 飪 | 飪 | 飪 | 飪 | 飪 | 飪 | 飪 | 飪 | 飪 | 飪 | 飪 | 飪 | 飪 |
| EF90 | 飪 | 飪 | 飪 | 飪 | 飪 | 飪 | 飪 | 飪 | 飪 | 飪 | 飪 | 飪 | 飪 | 飪 | 飪 | 飪 |
| EFA0 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 |
| EFB0 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 |
| EFC0 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 |
| EFD0 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 |
| EFE0 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 |
| EFF0 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 |
| F040 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 |
| F050 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 |
| F060 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 |
| F070 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 |
| F080 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 |
| F090 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 |
| FOA0 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 | 餉 |
| FOB0 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 |
| F0C0 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 |
| F0D0 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 | 鸢 |
| F0E0 | 疔 | 疔 | 疔 | 疔 | 疔 | 疔 | 疔 | 疔 | 疔 | 疔 | 疔 | 疔 | 疔 | 疔 | 疔 | 疔 |
| F0F0 | 痧 | 痧 | 痧 | 痧 | 痧 | 痧 | 痧 | 痧 | 痧 | 痧 | 痧 | 痧 | 痧 | 痧 | 痧 | 痧 |
| F140 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 |
| F150 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 |
| F160 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 |
| F170 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 |
| F180 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 |
| F190 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 |
| F1A0 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 | 馱 |
| F1B0 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 |
| F1C0 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 |
| F1D0 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 |
| F1E0 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 |
| F1F0 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 | 癩 |
| F240 | 駟 | 駟 | 駟 | 駟 | 駟 | 駟 | 駟 | 駟 | 駟 | 駟 | 駟 | 駟 | 駟 | 駟 | 駟 | 駟 |
| F250 | 駟 | 駟 | 駟 | 駟 | 駟 | 駟 | 駟 | 駟 | 駟 | 駟 | 駟 | 駟 | 駟 | 駟 | 駟 | 駟 |

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | a | b | c | d | e | f |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F260 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 |
| F270 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 |
| F280 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 |
| F290 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 |
| F2A0 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 |
| F2B0 | 虬 | 虬 | 虬 | 虬 | 虬 | 虬 | 虬 | 虬 | 虬 | 虬 | 虬 | 虬 | 虬 | 虬 | 虬 | 虬 |
| F2C0 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 |
| F2D0 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 |
| F2E0 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 | 蚘 |
| F2F0 | 蝠 | 蝠 | 蝠 | 蝠 | 蝠 | 蝠 | 蝠 | 蝠 | 蝠 | 蝠 | 蝠 | 蝠 | 蝠 | 蝠 | 蝠 | 蝠 |
| F340 | 驚 | 驛 | 驛 | 驛 | 驛 | 驛 | 驛 | 驛 | 驛 | 驛 | 驛 | 驛 | 驛 | 驛 | 驛 | 驛 |
| F350 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 | 驢 |
| F360 | 骹 | 骹 | 骹 | 骹 | 骹 | 骹 | 骹 | 骹 | 骹 | 骹 | 骹 | 骹 | 骹 | 骹 | 骹 | 骹 |
| F370 | 骹 | 骹 | 骹 | 骹 | 骹 | 骹 | 骹 | 骹 | 骹 | 骹 | 骹 | 骹 | 骹 | 骹 | 骹 | 骹 |
| F380 | 髻 | 髻 | 髻 | 髻 | 髻 | 髻 | 髻 | 髻 | 髻 | 髻 | 髻 | 髻 | 髻 | 髻 | 髻 | 髻 |
| F390 | 髻 | 髻 | 髻 | 髻 | 髻 | 髻 | 髻 | 髻 | 髻 | 髻 | 髻 | 髻 | 髻 | 髻 | 髻 | 髻 |
| F3A0 | 鬆 | 蟻 | 蟻 | 蟻 | 蟻 | 蟻 | 蟻 | 蟻 | 蟻 | 蟻 | 蟻 | 蟻 | 蟻 | 蟻 | 蟻 | 蟻 |
| F3B0 | 蟀 | 蟲 | 蟲 | 蟲 | 蟲 | 蟲 | 蟲 | 蟲 | 蟲 | 蟲 | 蟲 | 蟲 | 蟲 | 蟲 | 蟲 | 蟲 |
| F3C0 | 罄 | 罇 | 罇 | 罇 | 罇 | 罇 | 罇 | 罇 | 罇 | 罇 | 罇 | 罇 | 罇 | 罇 | 罇 | 罇 |
| F3D0 | 笮 | 笮 | 笮 | 笮 | 笮 | 笮 | 笮 | 笮 | 笮 | 笮 | 笮 | 笮 | 笮 | 笮 | 笮 | 笮 |
| F3E0 | 箨 | 箨 | 箨 | 箨 | 箨 | 箨 | 箨 | 箨 | 箨 | 箨 | 箨 | 箨 | 箨 | 箨 | 箨 | 箨 |
| F3F0 | 箨 | 箨 | 箨 | 箨 | 箨 | 箨 | 箨 | 箨 | 箨 | 箨 | 箨 | 箨 | 箨 | 箨 | 箨 | 箨 |
| F440 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 |
| F450 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 |
| F460 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 | 鬚 |
| F470 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 |
| F480 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 |
| F490 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 |
| F4A0 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 |
| F4B0 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 |
| F4C0 | 衾 | 衾 | 衾 | 衾 | 衾 | 衾 | 衾 | 衾 | 衾 | 衾 | 衾 | 衾 | 衾 | 衾 | 衾 | 衾 |
| F4D0 | 棗 | 栖 | 棗 | 棗 | 棗 | 棗 | 棗 | 棗 | 棗 | 棗 | 棗 | 棗 | 棗 | 棗 | 棗 | 棗 |
| F4E0 | 羿 | 翽 | 翽 | 翽 | 翽 | 翽 | 翽 | 翽 | 翽 | 翽 | 翽 | 翽 | 翽 | 翽 | 翽 | 翽 |
| F4F0 | 麴 | 麴 | 麴 | 麴 | 麴 | 麴 | 麴 | 麴 | 麴 | 麴 | 麴 | 麴 | 麴 | 麴 | 麴 | 麴 |
| F540 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 |
| F550 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 |
| F560 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 |
| F570 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 |
| F580 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 |
| F590 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 |
| F5A0 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 | 魃 |
| F5B0 | 醢 | 醢 | 醢 | 醢 | 醢 | 醢 | 醢 | 醢 | 醢 | 醢 | 醢 | 醢 | 醢 | 醢 | 醢 | 醢 |
| F5C0 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 |
| F5D0 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 |
| F5E0 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 |
| F5F0 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 | 躄 |
| F640 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 |
| F650 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 |
| F660 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 |
| F670 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 |
| F680 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 |
| F690 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 |
| F6A0 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 |
| F6B0 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 |
| F6C0 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 |
| F6D0 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 | 鯨 |

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | a | b | c | d | e | f |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F6E0 | 𩚑 | 𩚒 | 𩚓 | 𩚔 | 𩚕 | 𩚖 | 𩚗 | 𩚘 | 𩚙 | 𩚚 | 𩚛 | 𩚜 | 𩚝 | 𩚞 | 𩚟 | 𩚠 |
| F6F0 | 𩚡 | 𩚢 | 𩚣 | 𩚤 | 𩚥 | 𩚦 | 𩚧 | 𩚨 | 𩚩 | 𩚪 | 𩚫 | 𩚬 | 𩚭 | 𩚮 | 𩚯 | |
| F740 | 𩚰 | 𩚱 | 𩚲 | 𩚳 | 𩚴 | 𩚵 | 𩚶 | 𩚷 | 𩚸 | 𩚹 | 𩚺 | 𩚻 | 𩚼 | 𩚽 | 𩚾 | 𩚿 |
| F750 | 𩚿 | 𩛀 | 𩛁 | 𩛂 | 𩛃 | 𩛄 | 𩛅 | 𩛆 | 𩛇 | 𩛈 | 𩛉 | 𩛊 | 𩛋 | 𩛌 | 𩛍 | 𩛎 |
| F760 | 𩛏 | 𩛐 | 𩛑 | 𩛒 | 𩛓 | 𩛔 | 𩛕 | 𩛖 | 𩛗 | 𩛘 | 𩛙 | 𩛚 | 𩛛 | 𩛜 | 𩛝 | 𩛞 |
| F770 | 𩛟 | 𩛠 | 𩛡 | 𩛢 | 𩛣 | 𩛤 | 𩛥 | 𩛦 | 𩛧 | 𩛨 | 𩛩 | 𩛪 | 𩛫 | 𩛬 | 𩛭 | 𩛮 |
| F780 | 𩛯 | 𩛰 | 𩛱 | 𩛲 | 𩛳 | 𩛴 | 𩛵 | 𩛶 | 𩛷 | 𩛸 | 𩛹 | 𩛺 | 𩛻 | 𩛼 | 𩛽 | 𩛾 |
| F790 | 𩛿 | 𩜀 | 𩜁 | 𩜂 | 𩜃 | 𩜄 | 𩜅 | 𩜆 | 𩜇 | 𩜈 | 𩜉 | 𩜊 | 𩜋 | 𩜌 | 𩜍 | 𩜎 |
| F7A0 | 𩜏 | 𩜐 | 𩜑 | 𩜒 | 𩜓 | 𩜔 | 𩜕 | 𩜖 | 𩜗 | 𩜘 | 𩜙 | 𩜚 | 𩜛 | 𩜜 | 𩜝 | 𩜞 |
| F7B0 | 𩜟 | 𩜠 | 𩜡 | 𩜢 | 𩜣 | 𩜤 | 𩜥 | 𩜦 | 𩜧 | 𩜨 | 𩜩 | 𩜪 | 𩜫 | 𩜬 | 𩜭 | 𩜮 |
| F7C0 | 𩜯 | 𩜰 | 𩜱 | 𩜲 | 𩜳 | 𩜴 | 𩜵 | 𩜶 | 𩜷 | 𩜸 | 𩜹 | 𩜺 | 𩜻 | 𩜼 | 𩜽 | 𩜾 |
| F7D0 | 𩜿 | 𩜀 | 𩜁 | 𩜂 | 𩜃 | 𩜄 | 𩜅 | 𩜆 | 𩜇 | 𩜈 | 𩜉 | 𩜊 | 𩜋 | 𩜌 | 𩜍 | 𩜎 |
| F7E0 | 𩜏 | 𩜐 | 𩜑 | 𩜒 | 𩜓 | 𩜔 | 𩜕 | 𩜖 | 𩜗 | 𩜘 | 𩜙 | 𩜚 | 𩜛 | 𩜜 | 𩜝 | 𩜞 |
| F7F0 | 𩜟 | 𩜠 | 𩜡 | 𩜢 | 𩜣 | 𩜤 | 𩜥 | 𩜦 | 𩜧 | 𩜨 | 𩜩 | 𩜪 | 𩜫 | 𩜬 | 𩜭 | 𩜮 |
| F840 | 𩜯 | 𩜰 | 𩜱 | 𩜲 | 𩜳 | 𩜴 | 𩜵 | 𩜶 | 𩜷 | 𩜸 | 𩜹 | 𩜺 | 𩜻 | 𩜼 | 𩜽 | 𩜾 |
| F850 | 𩜿 | 𩜀 | 𩜁 | 𩜂 | 𩜃 | 𩜄 | 𩜅 | 𩜆 | 𩜇 | 𩜈 | 𩜉 | 𩜊 | 𩜋 | 𩜌 | 𩜍 | 𩜎 |
| F860 | 𩜏 | 𩜐 | 𩜑 | 𩜒 | 𩜓 | 𩜔 | 𩜕 | 𩜖 | 𩜗 | 𩜘 | 𩜙 | 𩜚 | 𩜛 | 𩜜 | 𩜝 | 𩜞 |
| F870 | 𩜟 | 𩜠 | 𩜡 | 𩜢 | 𩜣 | 𩜤 | 𩜥 | 𩜦 | 𩜧 | 𩜨 | 𩜩 | 𩜪 | 𩜫 | 𩜬 | 𩜭 | 𩜮 |
| F880 | 𩜯 | 𩜰 | 𩜱 | 𩜲 | 𩜳 | 𩜴 | 𩜵 | 𩜶 | 𩜷 | 𩜸 | 𩜹 | 𩜺 | 𩜻 | 𩜼 | 𩜽 | 𩜾 |
| F890 | 𩜿 | 𩜀 | 𩜁 | 𩜂 | 𩜃 | 𩜄 | 𩜅 | 𩜆 | 𩜇 | 𩜈 | 𩜉 | 𩜊 | 𩜋 | 𩜌 | 𩜍 | 𩜎 |
| F8A0 | 𩜏 | | | | | | | | | | | | | | | |
| F940 | 𩜯 | 𩜰 | 𩜱 | 𩜲 | 𩜳 | 𩜴 | 𩜵 | 𩜶 | 𩜷 | 𩜸 | 𩜹 | 𩜺 | 𩜻 | 𩜼 | 𩜽 | 𩜾 |
| F950 | 𩜿 | 𩜀 | 𩜁 | 𩜂 | 𩜃 | 𩜄 | 𩜅 | 𩜆 | 𩜇 | 𩜈 | 𩜉 | 𩜊 | 𩜋 | 𩜌 | 𩜍 | 𩜎 |
| F960 | 𩜏 | 𩜐 | 𩜑 | 𩜒 | 𩜓 | 𩜔 | 𩜕 | 𩜖 | 𩜗 | 𩜘 | 𩜙 | 𩜚 | 𩜛 | 𩜜 | 𩜝 | 𩜞 |
| F970 | 𩜟 | 𩜠 | 𩜡 | 𩜢 | 𩜣 | 𩜤 | 𩜥 | 𩜦 | 𩜧 | 𩜨 | 𩜩 | 𩜪 | 𩜫 | 𩜬 | 𩜭 | 𩜮 |
| F980 | 𩜯 | 𩜰 | 𩜱 | 𩜲 | 𩜳 | 𩜴 | 𩜵 | 𩜶 | 𩜷 | 𩜸 | 𩜹 | 𩜺 | 𩜻 | 𩜼 | 𩜽 | 𩜾 |
| F990 | 𩜿 | 𩜀 | 𩜁 | 𩜂 | 𩜃 | 𩜄 | 𩜅 | 𩜆 | 𩜇 | 𩜈 | 𩜉 | 𩜊 | 𩜋 | 𩜌 | 𩜍 | 𩜎 |
| F9A0 | 𩜏 | | | | | | | | | | | | | | | |
| FA40 | 𩜯 | 𩜰 | 𩜱 | 𩜲 | 𩜳 | 𩜴 | 𩜵 | 𩜶 | 𩜷 | 𩜸 | 𩜹 | 𩜺 | 𩜻 | 𩜼 | 𩜽 | 𩜾 |
| FA50 | 𩜿 | 𩜀 | 𩜁 | 𩜂 | 𩜃 | 𩜄 | 𩜅 | 𩜆 | 𩜇 | 𩜈 | 𩜉 | 𩜊 | 𩜋 | 𩜌 | 𩜍 | 𩜎 |
| FA60 | 𩜏 | 𩜐 | 𩜑 | 𩜒 | 𩜓 | 𩜔 | 𩜕 | 𩜖 | 𩜗 | 𩜘 | 𩜙 | 𩜚 | 𩜛 | 𩜜 | 𩜝 | 𩜞 |
| FA70 | 𩜟 | 𩜠 | 𩜡 | 𩜢 | 𩜣 | 𩜤 | 𩜥 | 𩜦 | 𩜧 | 𩜨 | 𩜩 | 𩜪 | 𩜫 | 𩜬 | 𩜭 | 𩜮 |
| FA80 | 𩜯 | 𩜰 | 𩜱 | 𩜲 | 𩜳 | 𩜴 | 𩜵 | 𩜶 | 𩜷 | 𩜸 | 𩜹 | 𩜺 | 𩜻 | 𩜼 | 𩜽 | 𩜾 |
| FA90 | 𩜿 | 𩜀 | 𩜁 | 𩜂 | 𩜃 | 𩜄 | 𩜅 | 𩜆 | 𩜇 | 𩜈 | 𩜉 | 𩜊 | 𩜋 | 𩜌 | 𩜍 | 𩜎 |
| FAA0 | 𩜏 | | | | | | | | | | | | | | | |
| FB40 | 𩜯 | 𩜰 | 𩜱 | 𩜲 | 𩜳 | 𩜴 | 𩜵 | 𩜶 | 𩜷 | 𩜸 | 𩜹 | 𩜺 | 𩜻 | 𩜼 | 𩜽 | 𩜾 |
| FB50 | 𩜿 | 𩜀 | 𩜁 | 𩜂 | 𩜃 | 𩜄 | 𩜅 | 𩜆 | 𩜇 | 𩜈 | 𩜉 | 𩜊 | 𩜋 | 𩜌 | 𩜍 | 𩜎 |
| FB60 | 𩜏 | 𩜐 | 𩜑 | 𩜒 | 𩜓 | 𩜔 | 𩜕 | 𩜖 | 𩜗 | 𩜘 | 𩜙 | 𩜚 | 𩜛 | 𩜜 | 𩜝 | 𩜞 |
| FB70 | 𩜟 | 𩜠 | 𩜡 | 𩜢 | 𩜣 | 𩜤 | 𩜥 | 𩜦 | 𩜧 | 𩜨 | 𩜩 | 𩜪 | 𩜫 | 𩜬 | 𩜭 | 𩜮 |
| FB80 | 𩜯 | 𩜰 | 𩜱 | 𩜲 | 𩜳 | 𩜴 | 𩜵 | 𩜶 | 𩜷 | 𩜸 | 𩜹 | 𩜺 | 𩜻 | 𩜼 | 𩜽 | 𩜾 |
| FB90 | 𩜿 | 𩜀 | 𩜁 | 𩜂 | 𩜃 | 𩜄 | 𩜅 | 𩜆 | 𩜇 | 𩜈 | 𩜉 | 𩜊 | 𩜋 | 𩜌 | 𩜍 | 𩜎 |
| FBA0 | 𩜏 | | | | | | | | | | | | | | | |
| FC40 | 𩜯 | 𩜰 | 𩜱 | 𩜲 | 𩜳 | 𩜴 | 𩜵 | 𩜶 | 𩜷 | 𩜸 | 𩜹 | 𩜺 | 𩜻 | 𩜼 | 𩜽 | 𩜾 |
| FC50 | 𩜿 | 𩜀 | 𩜁 | 𩜂 | 𩜃 | 𩜄 | 𩜅 | 𩜆 | 𩜇 | 𩜈 | 𩜉 | 𩜊 | 𩜋 | 𩜌 | 𩜍 | 𩜎 |
| FC60 | 𩜏 | 𩜐 | 𩜑 | 𩜒 | 𩜓 | 𩜔 | 𩜕 | 𩜖 | 𩜗 | 𩜘 | 𩜙 | 𩜚 | 𩜛 | 𩜜 | 𩜝 | 𩜞 |
| FC70 | 𩜟 | 𩜠 | 𩜡 | 𩜢 | 𩜣 | 𩜤 | 𩜥 | 𩜦 | 𩜧 | 𩜨 | 𩜩 | 𩜪 | 𩜫 | 𩜬 | 𩜭 | 𩜮 |
| FC80 | 𩜯 | 𩜰 | 𩜱 | 𩜲 | 𩜳 | 𩜴 | 𩜵 | 𩜶 | 𩜷 | 𩜸 | 𩜹 | 𩜺 | 𩜻 | 𩜼 | 𩜽 | 𩜾 |
| FC90 | 𩜿 | 𩜀 | 𩜁 | 𩜂 | 𩜃 | 𩜄 | 𩜅 | 𩜆 | 𩜇 | 𩜈 | 𩜉 | 𩜊 | 𩜋 | 𩜌 | 𩜍 | 𩜎 |
| FCA0 | 𩜏 | | | | | | | | | | | | | | | |
| FD40 | 𩜯 | 𩜰 | 𩜱 | 𩜲 | 𩜳 | 𩜴 | 𩜵 | 𩜶 | 𩜷 | 𩜸 | 𩜹 | 𩜺 | 𩜻 | 𩜼 | 𩜽 | 𩜾 |
| FD50 | 𩜿 | 𩜀 | 𩜁 | 𩜂 | 𩜃 | 𩜄 | 𩜅 | 𩜆 | 𩜇 | 𩜈 | 𩜉 | 𩜊 | 𩜋 | 𩜌 | 𩜍 | 𩜎 |
| FD60 | 𩜏 | 𩜐 | 𩜑 | 𩜒 | 𩜓 | 𩜔 | 𩜕 | 𩜖 | 𩜗 | 𩜘 | 𩜙 | 𩜚 | 𩜛 | 𩜜 | 𩜝 | 𩜞 |
| FD70 | 𩜟 | 𩜠 | 𩜡 | 𩜢 | 𩜣 | 𩜤 | 𩜥 | 𩜦 | 𩜧 | 𩜨 | 𩜩 | 𩜪 | 𩜫 | 𩜬 | 𩜭 | 𩜮 |
| FD80 | 𩜯 | 𩜰 | 𩜱 | 𩜲 | 𩜳 | 𩜴 | 𩜵 | 𩜶 | 𩜷 | 𩜸 | 𩜹 | 𩜺 | 𩜻 | 𩜼 | 𩜽 | 𩜾 |
| FD90 | 𩜿 | 𩜀 | 𩜁 | 𩜂 | 𩜃 | 𩜄 | 𩜅 | 𩜆 | 𩜇 | 𩜈 | 𩜉 | 𩜊 | 𩜋 | 𩜌 | 𩜍 | 𩜎 |
| FDA0 | 𩜏 | | | | | | | | | | | | | | | |

| 8230 | | | | | | | | | | 8231 | | | | | | | | | | | |
|------|----|----|----|----|----|----|----|----|----|------|----|----|----|----|----|----|----|----|----|----|----|
| | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 |
| D0 | 𠂇 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | D0 | 氈 | 氈 | 氈 | 氈 | 氈 | 氈 | 氈 | 氈 | 氈 | 氈 |
| D1 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | D1 | 汜 | 汜 | 汜 | 汜 | 汜 | 汜 | 汜 | 汜 | 汜 | 汜 |
| D2 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | D2 | 次 | 次 | 次 | 次 | 次 | 次 | 次 | 次 | 次 | 次 |
| D3 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | D3 | 汜 | 汜 | 汜 | 汜 | 汜 | 汜 | 汜 | 汜 | 汜 | 汜 |
| D4 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | D4 | 洗 | 洗 | 洗 | 洗 | 洗 | 洗 | 洗 | 洗 | 洗 | 洗 |
| D5 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | D5 | 老 | 老 | 老 | 老 | 老 | 老 | 老 | 老 | 老 | 老 |
| D6 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | D6 | 深 | 深 | 深 | 深 | 深 | 深 | 深 | 深 | 深 | 深 |
| D7 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | D7 | 溜 | 溜 | 溜 | 溜 | 溜 | 溜 | 溜 | 溜 | 溜 | 溜 |
| D8 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | D8 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 |
| D9 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | D9 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 |
| DA | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | 岷 | DA | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 |
| DB | 王 | 王 | 王 | 王 | 王 | 王 | 王 | 王 | 王 | 王 | DB | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 | 涇 |
| DC | 切 | 切 | 切 | 切 | 切 | 切 | 切 | 切 | 切 | 切 | DC | 滄 | 滄 | 滄 | 滄 | 滄 | 滄 | 滄 | 滄 | 滄 | 滄 |
| DD | 咎 | 咎 | 咎 | 咎 | 咎 | 咎 | 咎 | 咎 | 咎 | 咎 | DD | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 |
| DE | 挽 | 挽 | 挽 | 挽 | 挽 | 挽 | 挽 | 挽 | 挽 | 挽 | DE | 悉 | 悉 | 悉 | 悉 | 悉 | 悉 | 悉 | 悉 | 悉 | 悉 |
| DF | 幅 | 幅 | 幅 | 幅 | 幅 | 幅 | 幅 | 幅 | 幅 | 幅 | DF | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 |
| E0 | 嶠 | 嶠 | 嶠 | 嶠 | 嶠 | 嶠 | 嶠 | 嶠 | 嶠 | 嶠 | E0 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 |
| E1 | 嶠 | 嶠 | 嶠 | 嶠 | 嶠 | 嶠 | 嶠 | 嶠 | 嶠 | 嶠 | E1 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 |
| E2 | 序 | 序 | 序 | 序 | 序 | 序 | 序 | 序 | 序 | 序 | E2 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 |
| E3 | 亘 | 亘 | 亘 | 亘 | 亘 | 亘 | 亘 | 亘 | 亘 | 亘 | E3 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 |
| E4 | 亘 | 亘 | 亘 | 亘 | 亘 | 亘 | 亘 | 亘 | 亘 | 亘 | E4 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 |
| E5 | 唐 | 唐 | 唐 | 唐 | 唐 | 唐 | 唐 | 唐 | 唐 | 唐 | E5 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 |
| E6 | 廉 | 廉 | 廉 | 廉 | 廉 | 廉 | 廉 | 廉 | 廉 | 廉 | E6 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 |
| E7 | 弊 | 弊 | 弊 | 弊 | 弊 | 弊 | 弊 | 弊 | 弊 | 弊 | E7 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 | 漈 |
| E8 | 弦 | 弦 | 弦 | 弦 | 弦 | 弦 | 弦 | 弦 | 弦 | 弦 | E8 | 風 | 風 | 風 | 風 | 風 | 風 | 風 | 風 | 風 | 風 |
| E9 | 弦 | 弦 | 弦 | 弦 | 弦 | 弦 | 弦 | 弦 | 弦 | 弦 | E9 | 交 | 交 | 交 | 交 | 交 | 交 | 交 | 交 | 交 | 交 |
| EA | 彊 | 彊 | 彊 | 彊 | 彊 | 彊 | 彊 | 彊 | 彊 | 彊 | EA | 任 | 任 | 任 | 任 | 任 | 任 | 任 | 任 | 任 | 任 |
| EB | 彊 | 彊 | 彊 | 彊 | 彊 | 彊 | 彊 | 彊 | 彊 | 彊 | EB | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 |
| EC | 行 | 行 | 行 | 行 | 行 | 行 | 行 | 行 | 行 | 行 | EC | 尉 | 尉 | 尉 | 尉 | 尉 | 尉 | 尉 | 尉 | 尉 | 尉 |
| ED | 徂 | 徂 | 徂 | 徂 | 徂 | 徂 | 徂 | 徂 | 徂 | 徂 | ED | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 |
| EE | 徂 | 徂 | 徂 | 徂 | 徂 | 徂 | 徂 | 徂 | 徂 | 徂 | EE | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 |
| EF | 徂 | 徂 | 徂 | 徂 | 徂 | 徂 | 徂 | 徂 | 徂 | 徂 | EF | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 |
| F0 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | F0 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 |
| F1 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | F1 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 |
| F2 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | F2 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 | 焯 |
| F3 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | F3 | 慶 | 慶 | 慶 | 慶 | 慶 | 慶 | 慶 | 慶 | 慶 | 慶 |
| F4 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | F4 | 善 | 善 | 善 | 善 | 善 | 善 | 善 | 善 | 善 | 善 |
| F5 | 憫 | 憫 | 憫 | 憫 | 憫 | 憫 | 憫 | 憫 | 憫 | 憫 | F5 | 牒 | 牒 | 牒 | 牒 | 牒 | 牒 | 牒 | 牒 | 牒 | 牒 |
| F6 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | 忒 | F6 | 把 | 把 | 把 | 把 | 把 | 把 | 把 | 把 | 把 | 把 |
| F7 | 們 | 們 | 們 | 們 | 們 | 們 | 們 | 們 | 們 | 們 | F7 | 挈 | 挈 | 挈 | 挈 | 挈 | 挈 | 挈 | 挈 | 挈 | 挈 |
| F8 | 憫 | 憫 | 憫 | 憫 | 憫 | 憫 | 憫 | 憫 | 憫 | 憫 | F8 | 犛 | 犛 | 犛 | 犛 | 犛 | 犛 | 犛 | 犛 | 犛 | 犛 |
| F9 | 慢 | 慢 | 慢 | 慢 | 慢 | 慢 | 慢 | 慢 | 慢 | 慢 | F9 | 慘 | 慘 | 慘 | 慘 | 慘 | 慘 | 慘 | 慘 | 慘 | 慘 |
| FA | 愠 | 愠 | 愠 | 愠 | 愠 | 愠 | 愠 | 愠 | 愠 | 愠 | FA | 羣 | 羣 | 羣 | 羣 | 羣 | 羣 | 羣 | 羣 | 羣 | 羣 |
| FB | 愠 | 愠 | 愠 | 愠 | 愠 | 愠 | 愠 | 愠 | 愠 | 愠 | FB | 狹 | 狹 | 狹 | 狹 | 狹 | 狹 | 狹 | 狹 | 狹 | 狹 |
| FC | 愠 | 愠 | 愠 | 愠 | 愠 | 愠 | 愠 | 愠 | 愠 | 愠 | FC | 狹 | 狹 | 狹 | 狹 | 狹 | 狹 | 狹 | 狹 | 狹 | 狹 |
| FD | 愠 | 愠 | 愠 | 愠 | 愠 | 愠 | 愠 | 愠 | 愠 | 愠 | FD | 狹 | 狹 | 狹 | 狹 | 狹 | 狹 | 狹 | 狹 | 狹 | 狹 |
| FE | 愠 | 愠 | 愠 | 愠 | 愠 | 愠 | 愠 | 愠 | 愠 | 愠 | FE | 狹 | 狹 | 狹 | 狹 | 狹 | 狹 | 狹 | 狹 | 狹 | 狹 |

| 8232 | | | | | | | | | | 8233 | | | | | | | | | | | |
|------|----|----|----|----|----|----|----|----|----|------|----|----|----|----|----|----|----|----|----|----|----|
| | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 |
| 81 | 猯 | 猯 | 猯 | 猯 | 猯 | 猯 | 猯 | 猯 | 猯 | 猯 | 81 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 |
| 82 | 猯 | 猯 | 猯 | 猯 | 猯 | 猯 | 猯 | 猯 | 猯 | 猯 | 82 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 |
| 83 | 猯 | 猯 | 猯 | 猯 | 猯 | 猯 | 猯 | 猯 | 猯 | 猯 | 83 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 |
| 84 | 猯 | 猯 | 猯 | 猯 | 猯 | 猯 | 猯 | 猯 | 猯 | 猯 | 84 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 | 羴 |

| 8234 | | | | | | | | | | | | | | | | | | | | | |
|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 |
| A8 | 稚 | 雒 | 雒 | 雜 | 糞 | 糞 | 雞 | 雒 | 雜 | 犖 | E7 | 鯉 | 鮪 | 鱒 | 鯽 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 |
| A9 | 雙 | 雒 | 雒 | 糞 | 糞 | 糞 | 糞 | 糞 | 糞 | 糞 | E8 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 |
| AA | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | E9 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 |
| AB | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | EA | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 |
| AC | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | EB | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 |
| AD | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | EC | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 |
| AE | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | ED | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 |
| AF | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | EE | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 |
| B0 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | EF | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 |
| B1 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | F0 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 |
| B2 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | F1 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 |
| B3 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | F2 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 |
| B4 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | F3 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 |
| B5 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | F4 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 |
| B6 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | F5 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 |
| B7 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | F6 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 |
| B8 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | F7 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 |
| B9 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | F8 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 |
| BA | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | F9 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 |
| BB | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | FA | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 |
| BC | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | FB | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 |
| BD | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | FC | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 |
| BE | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | FD | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 |
| BF | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | 霽 | FE | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 | 鯉 |

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| | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 |
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Appendix C: Introducing the Brother Developer Center

Useful information for developers, such as applications, tools, SDKs as well as FAQs, are provided in the Brother Developer Center.

<http://www.brother.com/product/dev/index.htm>

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