

ISO/IEC JTC1/SC2/WG2
Coded Character Set
Secretariat: Japan (JISC)

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Title: Proposal to add Wingdings and Webdings Symbols

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Medium:

The following document is a proposal for adding into Unicode/ISO 10646 the repertoire of four popular symbol sets which is not yet encoded, these symbols sets are:

- Webdings
- Wingdings
- Wingdings 2
- Wingdings 3

The document contains a description of these sets, referenced under the name 'Wingdings', followed by a proposal summary form (page 51-52) and UCS charts and name lists for the proposed new 506 characters out of a total of 867 glyphs in the 4 sets. The remaining characters are either unified, or are to be further investigated. See below for details.

These symbols have been used in text in major system platforms such as Microsoft Windows and Mac OS for many years. The original Windings fonts first appeared in 1992 in Windows 3.1 and have been expanded in following versions of Windows to the four fonts we know today. Wingdings and Webdings have also appeared in early version of Mac OS such as version 9 (1999) but typically as an optional install or related to some application install. However, recent versions after 10.5 (Leopard) show these 4 fonts as being part of the essential set. In total, as of today, the number of computers where these fonts are available to users and applications is in the hundreds of millions. As such, symbols from these fonts can be found in an extremely large number of documents.

Unfortunately, these symbols have been available to application through either Unicode Private Use Area (U+F020-U+F0FF) or special menu command (like Insert Symbols in Microsoft Word). This is not optimal for interchange, and it would be preferable to dedicate actual encoding values for these symbols. It would also make them searchable, and offer a migration mechanism for applications and system which want to preserve their use of these symbols while using an encoding compatible with general purpose usage. It would also make them fully interoperable and searchable among all platforms and remove a major caveat for use in web

applications. Finally, adding them would complement the work that was recently done for the Japanese ARIB set and the Emoji set. Major software vendors have expressed their willingness to adopt the new encodings as soon as they are adopted.

Any proposal to encode the Webdings/Wingdings set has to address peculiarities of that set:

- Because the sets are installed and used in hundreds of millions of computing devices, unification with existing similar but slightly different glyphs is difficult. In some cases it may be possible to change the current encoded glyph. In others, when the encoded glyph has also a strong presence (such as the Dingbats collection), it is important to leave the current encoded glyph unchanged.
- The characters from the Webdings/Wingdings set do not have official name. The closest thing to identification is their Postscript name in the fonts.
- Therefore, unification based on semantic usage should be avoided.

Status

This document is an addition proposal. It separates the characters in the following categories:

- Candidates for unification with no glyph change for the already encoded character
- Candidates for unification with glyph change for the already encoded character
- Characters that are candidate for addition. The cases for inclusion may be more or less strong, depending on similarities with existing encoded characters.

To facilitate identification, the 4 sets have been identified as such:

- Webdings (w-0033..w-00255),
- Wingdings (w-1033..w-1255),
- Windings2 (w-2033-w-2255), and
- Wingdings3 (w-3033..w-3255).

These identifiers are used in all column headed by 'Glyph ID' with the 'w-' prefix removed; for example '3153' represents 'w-3153'.

Table format

The tables provide the ID as determined above, the original glyph as represented in the Webdings/Windings collection, UCS code point and UCS current glyph when unification is possible, character name, and comments. When the character is not unified, the cells corresponding to UCS code point contain the following:

- A provisional UCS code point shown with underline,
- A blank cell when further study is necessary, it is expected that these cases will be clarified during the amendment process.

In those cases, the second glyph column is typically empty. However, in few instances a second UCS glyph is shown followed in the same cell by the UCS code point. Those cases typically correspond to case where the dis-unification is debatable and showing the 2 glyphs at the same large size is useful.

Source separation

The set is not currently subject to source separation. When 2 glyphs are the same across these 4 symbol set, they are assigned to the same character. There are currently three cases of such unification:

- 1F584 (proposed) for w-0155 and w-1043,
- 272F (existing) for w-0152 and w-2243,
- 29B8 (existing) for w-0120 and w-2088.

Dis-unification between Zapf dingbats and Wingdings

There are many intersections between the two sets, where Zapf would have one element of a larger set more completely represented in Wingdings. However their shapes are typically different. It is not clear

whether we should totally dis-unify those cases and re-encode the whole set part of Wingdings. The current mapping generally dis-unifies between these two groups.

Geometric shapes sizes

The set of four fonts are designed in a consistent manner with shapes that obey strict rules concerning vertical alignment and sizes. While it is not expected that these constraints would be imposed on every implementation of these characters, it is important to document them. The following is a list of these design rules:

- All fonts use a design square EM box of 2048 space unit,
- Many geometric shapes are contained in a 1480x1480 unit box based on the default baseline (0 based) and centered in the middle (740),
- For shapes that are sized vertically (such as squares and circles), a maximum of 8 sizes are defined in vertical size unit; these values are related to the values defined in TR25 Unicode Support for Mathematics as follows (first value design unit, second value: TR25 names):
 1. 198, tiny
 2. 296, very small
 3. 394, slightly small (new, see below)
 4. 592, small
 5. 790, medium small
 6. 1184, medium
 7. 1480, regular
 8. 2048, large (see below)

The alignment with sizes defined in TR25 is reasonably accurate for all values, except for 'very small' which is implemented very inconsistently in the current UCS charts (values vary from 250 to 375 units), and the new value 'slightly small' which does not exist in TR25. The large size corresponds to a shape using the full design box (2048 unit) and it is not aligned with the previous shapes (center is at 614) in the Wingdings context.

- A 9th sized shape is defined to be 'centered' in the 1480 square and consequently the ink size is determined by that shape. For example, the size of the sides of the centered square is 1046 corresponding to a diagonal of 1480 which allows the diamond with the same side size to fit in the 1480 square.
- Diamonds and lozenges use a different scale (1 to 6) in Wingdings, with 'large' not being represented. These values in design unit are related to the terminology used in TR25 as follows:
 1. 280, tiny
 2. 418, very small
 3. 558, small
 4. 838, medium small
 5. 1184, medium
 6. 1675, regular

According to that scale, the already encoded character 2B29 BLACK SMALL DIAMOND should be slightly reduced in size to fit the 'small' pattern.

- More generally, scaling of the geometric shapes should be harmonized with rules used in TR25, with the understanding that some existing characters may be resized to better align with Wingdings sizing rules, especially concerning the existing 'very small glyphs' such as 2219 BULLET OPERATOR ('black very small circle) and 2B1D BLACK VERY SMALL SQUARE.
- Two sets of shapes commonly specified in TR25 as 'circled circles' are defined here as 'rings' for 'circled white circles' and 'ring buttons' for 'circled black circles' respectively because they better represent the shapes when multiple sizes are used. This is also consistent with the box and box button terms used for square based shapes.
- The proposal has kept numeric values to size rings, ring buttons, boxes, box buttons, and many other shapes (range 1 to 7) in proposed character names for lack of better terminology. This is subject to change. For example, the simple black shapes such as cross, x form, spoked asterisks, etc... could use the TR25 size terminology.
- In sets with full 7 sizes representation (excluding the atypical 'large'), the current proposal maintains holes with cross references for already encoded character to facilitate research


























and verification of these cross references. Future versions of this proposal may compact these lists. In this context, cross references on empty cells imply mapping (as what was done for set such as Dingbats).



- It is intended that the shapes of the current UCS characters that are unified with geometric shapes from Wingdings will be altered to be closer to the Wingdings variant (size and position). However, this should be done with great caution because of additional hidden design relationships between various shapes.
- The case of 26AB ● MEDIUM BLACK CIRCLE is a bit problematic because it unifies geometric usage and UI usage (record). These two usages are differentiated in Wingdings (cell size, vertical position, ink size). The proposal preserves the geometric usage (to keep consistency with TR25) and creates a new variant for UI as 23FA BLACK CIRCLE FOR RECORD.
- Similar situation for 25FC ■ BLACK MEDIUM SQUARE, with the proposed creation for a new variant for UI as 23F9 BLACK SQUARE FOR RECORD.
- The 'large' size appears larger than the already encoded 'large' glyph for reasons having to do with design decision taken for the fonts used in the UCS charts (large ascenders/ descenders). However their design unit sizes (full EM square) are identical to the equivalent Wingdings set. Therefore they have been unified.

Glyph changes

The following characters have glyphs which are close to already encoded characters which could be unified. If they were unified, it may be preferable to change the representative glyph to be (or be close to) the Wingding glyph. The preliminary glyph used to represent Emoji before encoding in Unicode/ISO 10646 is also sometimes shown because it represents a glyph which is closer to the original glyph used in phones (albeit much more detailed). The proposal is to consider replacing the UCS glyph by the Wingdings glyph. Note that none of these glyph changes affect the Dingbat block for reasons exposed above.

The status column contains a 'x' for the changes (total of 13) that are initially requested along with the additions and will be implemented in the amendment document. Others should be considered by experts when commenting during the ballot period.

Wing dings ID	Wing dings glyph	UCS	UCS glyph	Apple Emoji glyph	Status	Name and comment
3087		237D				SHOULDERED OPEN BOX
1054		23F3				HOURGLASS WITH FLOWING SAND
2116		24FF			x	NEGATIVE CIRCLED DIGIT ZERO
0236		1F393				GRADUATION CAP
0183		1F3AC			x	CLAPPER BOARD, details in UCS glyphs are too small
0174		1F3AD			x	PERFORMING ARTS, original glyph Emoji forms closer to Wingdings glyph
0037		1F3C6				TROPHY
0147		1F4B3			x	CREDIT CARD, both designs are OK, Wingdings has more usage
0199		1F4DF			x	PAGER, current glyph looks like an old radio

Wing dings ID	Wing dings glyph	UCS	UCS glyph	Apple Emoji glyph	Status	Name and comment
1044		1F4EA				CLOSED MAILBOX WITH LOWERED FLAG, preliminary font incorrect
1045		1F4EB				CLOSED MAILBOX WITH RAISED FLAG
1046		1F4EC				OPEN MAILBOX WITH RAISED FLAG, not an Emoji character
1047		1F4ED				OPEN MAILBOX WITH LOWERED FLAG, not an Emoji character
1036		1F453			x	EYEGASSES
1038		1F4D6				OPEN BOOK
1120		2327			x	X IN A RECTANGLE BOX
0143		1F4C8				CHART WITH UPWARDS TREND
1213		232B			x	ERASE TO THE LEFT
1214		2326			x	ERASE TO THE RIGHT
1177		2316			x	POSITION INDICATOR
3082		2B8B			x	BROKEN CIRCLE WITH NORTHWEST ARROW
3083		2324			x	UP ARROWHEAD BETWEEN TWO HORIZONTAL BARS
3084		2303			x	UP ARROWHEAD
3085		2325				OPTION KEY
3086		2423				OPEN BOX
3087		237D				SHOULDERED OPEN BOX
		1F507				SPEAKER WITH CANCELLATION STROKE, need to resized, see 1F508
0088		1F508				SPEAKER, current glyph is too small, size needs to be increased for all in range 1F507-1F50A for consistency
		1F509				SPEAKER WITH ONE SOUND WAVE
		1F50A				SPEAKER WITH THREE SOUND WAVES
0122		1F6AD				NO SMOKING SYMBOL

Note 1: New glyphs for 21E6, 21E7, 21E8, 21E9, and 21F3 are part of the charts for FCD 10646 3rd edition. The table above shows the prior shapes of these glyphs. The 3rd edition charts increase the discrepancy among white arrows between the 21xx and the 2Bxx block. The glyph changes suggested in this document harmonizes the white arrows used in these two blocks. Because of chart production

limitation, the glyphs shown for these characters in the charts and name lists at the end of this document are the same as the FCD 10646 3rd edition.

Note 2: These new glyphs are not used in the charts and name lists which appeared at the end of this document. If approved, they would be used in a revision of this proposal..

Geometric shapes Arrows

These sets contain a large number of arrow styles. These have been classified as following (style name is the Postscript glyph name, glyph ID as documented above):

Style name	Glyph ID	glyph
A1	3153	←
A2	3033	←
A3	3157	←
A4	3161	←
B2	3102	←
Barb1	3209	←
Barb2	1223	←
Barb3	3217	←
Barb4	1231	←
Barb5	3225	←
C1	3137	←
C2	3141	←
C3	3145	←

Style name	Glyph ID	glyph
C4	3149	←
D1	3165	←
E3	3167	←
F4	3169	←
G5	3171	←
H6	3177	←
I8	3179	←
J6	3181	←
K6	3185	←
L7	3189	←
M9	3193	←
N7	3197	←

The literal part of the Style name indicates style (A to N and Barb); the numeral part indicates the thickness of the arrow. This naming convention is sometimes used as suffix in the proposed character names. These style names are documented in relevant parts of the following tables.









Acknowledgements

This work would not have been possible without the earlier work by Asmus Freytag, Michael Everson, and Debbie Anderson who contributed extensively to the analysis of these symbols.





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Webdings






Miscellaneous symbols

ID	glyph	UCS	glyph	Name	Comments
0033		<u>1F570</u>		SPIDER	
0034		<u>1F571</u>		SPIDER WEB	
0035				NO PIRACY	
0036				DARK SUNGLASSES = cool	See also w-1036
0037		<u>1F3C6</u>		TROPHY Variant → 1F3C6 ☞ trophy	Best solution to change 1F3C6 glyph?
0038				MEDAL = award	
0039		<u>1F5D7</u>		LINKED PAPERCLIPS = links → 1F4CE ☞ paperclip	






Bubble symbols

ID	glyph	UCS	glyph	Name	Comments
0040				LEFT SPEECH BUBBLE	
0041				RIGHT SPEECH BUBBLE	
0042				MOOD BUBBLE = new → 1F4A5 ☞ collision symbol	
0043				LIGHTNING MOOD BUBBLE = updated → 26A1 ☞ high voltage	

Miscellaneous symbols



ID	glyph	UCS	glyph	Name	Comments
0044		<u>1F336</u>		HOT PEPPER = hot	
0045		<u>1F3F5</u>		REMINDER RIBBON	
0046				CHECKER BOARD → 259E ◼ quadrant upper right and lower left	259E is smaller
0047		<u>2BBE</u>		VERY HEAVY SOLIDUS	

User Interface symbols








ID	glyph	UCS	glyph	Name	Comments
0048		<u>1F5EC</u>		MINIMIZE	
0049		<u>1F5ED</u>		MAXIMIZE	
0050		<u>1F5EE</u>		OVERLAP = tile windows	
0051		<u>23F4</u>	 25C0	BLACK MEDIUM LEFT-POINTING TRIANGLE = reverse, back * preferred to 25C0 ◀ black left-pointing triangle	This may impact ARIB mapping. Most fonts implement the smaller Webdings shape for 25C0.





ID	glyph	UCS	glyph	Name	Comments
0052	▶	<u>23F5</u>	▶ 25B6	BLACK MEDIUM RIGHT-POINTING TRIANGLE = forward * preferred to 25B6 ▶ black right-pointing triangle	Similar to above
0053	▲	<u>23F6</u>	▲ 25B2	BLACK MEDIUM UP-POINTING TRIANGLE = increase * preferred to 25B2 ▲ black up-pointing triangle	No mapping issue here, unlike the two above
0054	▼	<u>23F7</u>	▼ 25BC	BLACK MEDIUM DOWN-POINTING TRIANGLE = decrease * preferred to 25BC black ▼ down-pointing triangle	Similar to w-0053
0055	◀◀	23EA	◀◀	BLACK LEFT-POINTING DOUBLE TRIANGLE = fast backward	Smaller glyph
0056	▶▶	23E9	▶▶	BLACK RIGHT-POINTING DOUBLE TRIANGLE = fast forward	Smaller glyph
0057	◀◀	23EE	◀◀	BLACK LEFT-POINTING DOUBLE TRIANGLE WITH VERTICAL BAR = begin	Smaller glyph
0058	▶▶	23ED	▶▶	BLACK RIGHT-POINTING DOUBLE TRIANGLE WITH VERTICAL BAR = end	Smaller glyph
0059		<u>23F8</u>		DOUBLE VERTICAL BAR = pause	
0060	■	<u>23F9</u>	■	BLACK SQUARE FOR STOP = stop → 25FC ■ black medium square	25A0 is too big, 25FC is too small
0061	●	<u>23FA</u>	●	BLACK CIRCLE FOR RECORD = record → 26AB ● medium black circle	Remove record annotation for 26AB
0062	AA	<u>1F5EF</u>		FONT SIZE SIGN	

Miscellaneous symbols



ID	glyph	UCS	glyph	Name	Comments
0063				BALLOT BOX WITH BALLOT = vote → 2612 ☑ ballot box with x	
0064		<u>1F3F6</u>		CROSSED TOOLS = tools, repair facility → 2692 ⚒ hammer and pick	

Building and map symbols


ID	glyph	UCS	glyph	Name	Comments
0065				BUILDING CONSTRUCTION SIGN = under construction → 1F6A7 🚧 construction sign	
0066				WHITE HOUSES WITH TERRAIN = town → 1F3E1 🏡 house with garden	
0067				CITYSCAPE = skyline, city → 1F306 🌃 cityscape at dusk	
0068				CONDEMNED HOUSE WITH TERRAIN = derelict site → 1F3E0 🏚 house building	
0069				DESERT TERRAIN = desert → 1F335 🌵 cactus	
0070				FACTORY WITH TERRAIN = factory → 1F3ED 🏭 factory	
0071				CLASSICAL FACADE WITH TERRAIN = public building	

ID	glyph	UCS	glyph	Name	Comments
0072				SINGLE HOUSE WITH TERRAIN = home → 1F3E1 🏡 house with garden	
0073				BEACH WITH UMBRELLA = beach → 26F1 ☂ umbrella on ground	
0074				DESERT ISLAND = island → 1F334 🌴 palm tree	
0075				HIGHWAY WITH BILLBOARD = motorway	




User Interface symbol

ID	glyph	UCS	glyph	Name	Comments
0076		1F50D		LEFT-POINTING MAGNIFYING GLASS = search	Different glyph?






Map symbol

ID	glyph	UCS	glyph	Name	Comments
0077				MOUNTAIN OR VOLCANO = mountain → 1F30B 🌋 volcano → 1F5FB 🗻 mount fuji → 26F0 ⛰ mountain	



Facial parts symbols

ID	glyph	UCS	glyph	Name	Comments
0078		1F441		EYE = sight → 1F440 👁 eyes	Should be encoded at 1F441
0079		1F442		EAR = hearing	




Building and map symbols

ID	glyph	UCS	glyph	Name	Comments
0080				TRAIL = park → 1F332 🌲 evergreen tree	
0081				CAMPING → 26FA 🏕 tent	
0082				TRAIN TRACKS WITH TERRAIN = railroad	
0083				SPORTS ARENA WITH TERRAIN = stadium	
0084				SHIP AND OCEAN = ship = cruise line vacation → 1F6A2 🚢 ship	




Communication symbols

ID	glyph	UCS	glyph	Name	Comments
0085				BULLHORN WITH SOUND WAVES = sound on → 1F4E3 📣 cheering megaphone → 1F50A 🔊 speaker with three sound waves	
0086				BULLHORN = sound off → 1F508 🔊 speaker	


Communication symbols

ID	glyph	UCS	glyph	Name	Comments
0087		<u>1F57C</u>		RIGHT SPEAKER = sound left	
0088		1F508		SPEAKER = sound right	1F508 glyph too small, add annotation to 1F508 as left speaker


Celebration symbols

ID	glyph	UCS	glyph	Name	Comments
0089		<u>1F394</u>		HEART WITH TIP ON THE LEFT = favorite → 2665 ♥ black heart suit	Anything to do with bubble?
0090				BOUQUET OF FLOWERS = occasion → 1F490 🌸 bouquet	




Bubble symbol

ID	glyph	UCS	glyph	Name	Comments
0091				LEFT THOUGHT BUBBLE	Add reference to w-0040







Miscellaneous symbol

ID	glyph	UCS	glyph	Name	Comments
0092		<u>2BBF</u>		VERY HEAVY REVERSE SOLIDUS	Add reference to w-0047



Bubble symbols

ID	glyph	UCS	glyph	Name	Comments
0093				RIGHT THOUGHT BUBBLE → 1F4AD 🗨️ thought balloon	Add reference to w-004 and 1F4AD
0094				TWO SPEECH BUBBLES = chat	
0095				THREE SPEECH BUBBLES = conference	







Miscellaneous symbols

ID	glyph	UCS	glyph	Name	Comments
0096		2BA2		FOUR CORNER ARROWS CIRCLING ANTICLOCKWISE = loop	
0097		2714		HEAVY CHECK MARK	Glyph is sans-serif in webdings, PS name is 'UICheck'
0098				RIGHTWARDS BICYCLE → 1F6B2  bicycle	Glyph is on other direction



Geometric shape

ID	glyph	UCS	glyph	Name	Comments
0099		2B1C		WHITE LARGE SQUARE = box open	Appears smaller due to font design









Miscellaneous symbols

ID	glyph	UCS	glyph	Name	Comments
0100				SHIELD = US road sign interstate highway	
0101				BLACK PACKAGE → 1F381  wrapped present → 1F4E6  package	
0102				ONCOMING FIRE ENGINE = fire → 1F692  fire engine	



Geometric shape

ID	glyph	UCS	glyph	Name	Comments
0103		2B1B		BLACK LARGE SQUARE = box solid	Here 2B1B is smaller than w-0103, due to font design






Miscellaneous symbols

ID	glyph	UCS	glyph	Name	Comments
0104				BLACK AMBULANCE = medical → 1F691  ambulance	
0105		1F6E6		CIRCLED INFORMATION SOURCE = information	
0106				SMALL AIRPLANE → 2708  airplane	
0107				SATELLITE	
0108		1F7E0		REVERSE LIGHT FOUR POINTED PINWHEEL STAR = navigate	
0109				MAN IN BUSINESS SUIT LEVITATING = jump	







Geometric shape

ID	glyph	UCS	glyph	Name	Comments
0110		2B24		BLACK LARGE CIRCLE = circle solid	2B24 slightly smaller than w-0110, due to font design


















Vehicles

ID	glyph	UCS	glyph	Name	Comments
0111				MOTOR BOAT SIDEWAYS = boat → 1F6A4  speedboat	Windings glyph
0112				ONCOMING POLICE CAR 1 = police → 1F694  oncoming police car	Windings glyph has a 'western' flavour.


User Interface symbols (browsers)

ID	glyph	UCS	glyph	Name	Comments
0113		<u>1F5D8</u>		CLOCKWISE RIGHT AND LEFT SEMICIRCLE ARROWS = refresh → 1F503  clockwise downwards and upwards open circle arrows	
0114		<u>1F5D9</u>		CANCELLATION-X = close → 274C  cross mark	
0115		2753		BLACK QUESTION MARK ORNAMENT = help-question	Glyphs are slightly different

Vehicles

ID	glyph	UCS	glyph	Name	Comments
0116				DIESEL LOCOMOTIVE WITH TERRAIN = train → 1F682  steam locomotive → 1F686  train	
0117				UNDERGROUND TRAIN = metro → 1F687  metro	
0118				ONCOMING BUS Variant = bus → 1F68D  oncoming bus	Split window is old fashioned
0119				GOLF PENNANT = flag → 1F6A9  triangular flag on post	Post is slanted
0120		29B8		CIRCLED REVERSED SOLIDUS = not	Reference glyph is smaller but commercial fonts are larger
0121		2296		CIRCLED MINUS = no entry	See w-0120
0122		1F6AD		NO SMOKING SYMBOL	Cigarette in opposite direction, change glyph?



Bubble symbol

ID	glyph	UCS	glyph	Name	Comments
0123				LEFT ANGER BUBBLE = shout left	




















Miscellaneous symbol

ID	glyph	UCS	glyph	Name	Comments
0124		23D0		VERTICAL LINE EXTENSION → 007C vertical line = bar	The line segment should occupy the full line height










Bubble symbols

ID	glyph	UCS	glyph	Name	Comments
0125				RIGHT ANGER BUBBLE = shout right	
0126				LIGHTNING MOOD = lightning bolt → 26A1 ⚡ high voltage sign	Orientation is different

Portrait and role symbols





ID	glyph	UCS	glyph	Name	Comments
0128				MENS SYMBOL = man	
0129			 1F6BA	WOMENS WITH MID LENGTH SKIRT SYMBOL = woman → 1F6BA 👤 baby symbol	Dress is different
0130				BOY SYMBOL = boy	
0131				GIRL SYMBOL = girl	
0132				SWADDLED BABY SYMBOL = baby → 1F6BC 👶 baby symbol	
0133				BLACK EXTRATERRESTRIAL ALIEN = scifi → 1F47D 👽 extraterrestrial alien	
0134				WEIGHT LIFTER = health	
0135				RIGHTWARDS SKIER DOWNHIL → 26F7 ⛷ skier	Opposite direction
0136				SNOWBOARDER Variant = hobby → 1F3C2 🏂 snowboarder	Different glyph, Webding glyph better
0137				GOLFER	
0138				RIGHTWARDS SWIMMER = pool → 1F3CA 🏊 swimmer	w-0138 glyph more realistic
0139				SURFER = surf → 1F3C4 🏄 surfer	Different glyph
0140				MOTORCYCLE RIDER = motorcycle	
0141				RACE CAR WITH RIDER = race car	

Miscellaneous symbols





























ID	glyph	UCS	glyph	Name	Comments
0142		1F698		ONCOMING AUTOMOBILE = auto	
0143		1F4C8		CHART WITH UPWARDS TREND = finance	Glyph change?
0144				OIL DRUM = commodities	
0145				BLACK MONEY BAG = money → 1F4B0 💰 money bag	
0146				PRICE TAG = price → 1F516 📌 bookmark	
0147		1F4B3		CREDIT CARD	Use w-0147 glyph











ID	glyph	UCS	glyph	Name	Comments
0148		1F46A		FAMILY = rated for family	
0149				DAGGER KNIFE = rated for violence = hate → 1F52A ⇄ hocho	
0150				LIPS = rated for sex = kiss → 1F48B 🗨️ kiss mark	
0151				SPEAKING HEAD SILHOUETTE = rated for strong language	
0152		272F		PINWHEEL STAR = rating quality = five pointed pinwheel star	See w-2243
0153		<u>1F585</u>		BLACK ENVELOPE WITH WHITE LIGHTNING = e-mail → 1F4E7 📧 e-mail symbol	
0154		<u>1F586</u>		FLYING ENVELOPE = send message → 1F4E9 📧 envelope with downwards arrow above	
0155		<u>1F584</u>		STAMPED ENVELOPE = mail	Same as w-1043
0156		<u>1F587</u>		PEN OVER STAMPED ENVELOPE = write	
0157		<u>1F5C0</u>		DOCUMENT WITH TEXT	
0158		<u>1F5C1</u>		DOCUMENT WITH TEXT AND PICTURE	
0159		<u>1F5C2</u>		DOCUMENT WITH PICTURE = graphic document	
0160				SLEUTH OR SPY = investigate	
0161				MANTELPiece CLOCK = clock → 23F0 🕒 alarm clock	
0162				FRAMED PICTURE WITH TILES = frames	
0163				FRAME WITH AN X = no frames, no picture	
0164				CLIPBOARD SIDEWAYS → 1F4CB 📋 clipboard	
0165				CALENDAR EMPTY = note → 1F4C5 📅 calendar	
0166				CALENDAR DAY-1 = calendar → 1F4C6 📅 tear-off calendar	
0167				OPEN BOOK 1 = book → 1F4D6 📖 open book	See also w-1038
0168				BOOKS 1 = reference → 1F4DA 📖 books	
0169				ROLLED-UP NEWSPAPER = news → 1F4F0 📰 newspaper	
0170				INDEX CARD WITH CIRCLED TEXT = classified	
0171				CARD FILE BOX = archive	
0172				BLACK CARD INDEX = index → 1F4C7 📇 card index	
0173				FRAMED PICTURE = art	

Entertainment symbols










ID	glyph	UCS	glyph	Name	Comments
0174		1F3AD		PERFORMING ARTS Variant = theater → 1F3AD 🎭 performing arts	Change glyph
0175		<u>1F39D</u>	 266C	MUSICAL PERFORMANCE = music, musical background → 266C 🎵 beamed sixteenth notes	Most fonts show 266C descending, was also an issue with ARIB

Audio Video Electronic symbols









ID	glyph	UCS	glyph	Name	Comments
0176				MUSICAL KEYBOARD WITH PLUGS = midi, midi keyboard → 1F3B9 🎹 musical keyboard	
0177				STUDIO MICROPHONE = microphone → 1F3A4 🎙️ microphone	
0178				HEADPHONES → 1F3A7 🎧 headphone	
0179				OPTICAL DISC CDROM = cdrom → 1F4BF 💿 optical disc	PS name is 'CDROM', could be confused with a tape reel, 'disc' used for optical medium, 'disk' used for floppy and hard medium.
0180				FILM = film clip	
0181				CAMERA SIDEWAYS = point of interest → 1F4F7 📷 camera	
0182				ADMISSION TICKETS = ticket → 1F3AB 🎫 ticket	
0183				CLAPPER BOARD Variant = film → 1F3AC 🎬 clapper board	Change glyph
0184				FILM PROJECTOR = movies → 1F3A6 🎥 cinema	
0185				VIDEO CAMERA Variant = video → 1F4F9 📹 video camera	Change glyph
0186				PORTABLE STEREO = stereo	
0187				RADIO Variant → 1F4FB 📻 radio	Original old fashioned, change glyph
0188				LEVEL SLIDER = level control	
0189				CONTROL KNOBS = audio control	
0190				TELEVISION FLAT CRT → 1F4FA 📺 television	Original old fashioned
0191				COMPUTER MONITOR → 1F4BB 🖥️ personal computer	
0192		<u>1F5AC</u>		DESKTOP COMPUTER = tower computer	
0193		<u>1F5AD</u>		KEYBOARD AND MOUSE → 2328 🖱️ keyboard	Keyboard is ergonomic
0194		<u>1F5AE</u>		THREE NETWORKED COMPUTERS = computer network	
0195				JOYSTICK	
0196				BLACK GAME CONTROLLER = game pad → 1F3AE 🎮 video game	







ID	glyph	UCS	glyph	Name	Comments
0197		<u>1F57D</u>		LEFT HAND TELEPHONE RECEIVER = phone → 1F4DE 📞 telephone receiver	See w-2040, add reference
0198				TELEPHONE RECEIVER WITH PAGE = fax → 1F4E0 📠 fax machine	
0199		1F4DF		PAGER Variant → 1F4DF 📠 pager	Glyph change
0200				CLAMSHELL MOBILE PHONE = cellular phone → 1F4F1 📱 mobile phone	
0201				TELEPHONE ON TOP OF MODEM = modem	
0202		<u>1F5AF</u>		PRINTER → 1F4E0 📠 fax machine	
0203		<u>1F5B0</u>		POCKET CALCULATOR = calculator	
0204		<u>1F5DB</u>		BLACK FOLDER = folder	Add reference to w-1048
0205		<u>1F5B1</u>		BLACK HARD SHELL FLOPPY DISK = disk → 1F4BE 📀 floppy disk	

Miscellaneous symbols












ID	glyph	UCS	glyph	Name	Comments
0206				COMPRESSION	
0207				LOCKED → 1F512 🔒 lock	
0208				UNLOCKED → 1F513 🔓 open lock	
0209				OLD KEY = encryption → 1F511 🔑 key	
0210				INBOX → 1F4E5 📂 inbox tray	
0211				OUTBOX → 1F4E4 📂 outbox tray	
0212		<u>2BCD</u>		OVAL SHAPE WITH SHADOW	Was called portable hole?

Weather symbols








ID	glyph	UCS	glyph	Name	Comments
0213				WHITE SUN = sunny → 263C ☀ white sun with rays	See w-1082
0214				WHITE SUN WITH SMALL BLACK CLOUD = mostly sunny → 26C5 ☀️ sun behind cloud	
0215				WHITE SUN BEHIND BLACK CLOUDS = mostly cloudy	
0216				WHITE SUN BEHIND BLACK CLOUDS AND RAIN = showers	
0217				BLACK CLOUD = cloudy → 2601 ☁ cloud	2601 used to show a black cloud (Unicode 6.0)
0218				BLACK CLOUD AND SNOW = snow, snow showers	
0219				BLACK CLOUD AND RAIN = rain	
0220				BLACK CLOUD AND THUNDER = lightning, thunderstorm → 26C8 ⚡️ thunder cloud and rain	

ID	glyph	UCS	glyph	Name	Comments
0221				BLACK CLOUD AND TORNADO = tornado, twister	
0222				WIND BLOWING FACE = wind	
0223				FOG → 1F301 ☁ foggy	
0224		1F31C		LAST QUARTER MOON WITH FACE = moon	Webdings glyph is smaller
0225		1F32D		THERMOMETER = temperature, warm	


Accommodation





ID	glyph	UCS	glyph	Name	Comments
0226				COUCH AND LAMP = furniture, lifestyles	See w-1082
0227				BED IN PERSPECTIVE = hotel, guestrooms, accommodation → 1F3E8 🏨 hotel	
0228		1F37E		FORK AND KNIFE WITH BLACK PLATE = dining → 1F374 🍴 fork and knife	Remove annotation in 1F374 concerning addition of plate
0229		1F378		COCKTAIL GLASS = lounge	Dis-unification?
0230				BELLHOP BELL = reception, services	
0231				TWO SHOPPING BAGS = shopping	
0232		24C5		CIRCLED CAPITAL LETTER P = parking	Webdings glyph is sans-serif
0233				WHEELCHAIR SYMBOL WITH HANDS ON WHEEL = handicap → 267F ♿ wheelchair symbol	Glyph looks more like this is wheelchair racing
0234				TRIANGLE WITH ROUNDED CORNERS = caution → 25B3 ⚠ white up-pointing triangle	

Miscellaneous symbols





ID	glyph	UCS	glyph	Name	Comments
0235				BLACK PUSHPIN = marker → 1F4CC 📌 pushpin	
0236		1F393		MORTARBOARD = education → 1F393 🎓 graduation cap	Change glyph?
0237				THREE RAYS ABOVE	
0238				THREE RAYS BELOW	
0239				THREE RAYS LEFT → 269E ≧ three lines converging right	
0240				THREE RAYS RIGHT → 269F ≦ three lines converging left	
0241				AIRPLANE RISING = airplane	See w-1081

Animal symbols








ID	glyph	UCS	glyph	Name	Comments
0242				CHIPMUNK SILHOUETTE = animal	

ID	glyph	UCS	glyph	Name	Comments
0243				BIRD SILHOUETTE = bird → 1F426 🐦 bird	
0244				FISH SILHOUETTE = fish → 1F41F 🐟 fish	
0245				DOG SILHOUETTE = dog → 1F415 🐕 dog	
0246				CAT SILHOUETTE = cat → 1F408 🐈 cat	


Rocket symbols

ID	glyph	UCS	glyph	Name	Comments
0247		<u>1F66C</u>		LEFTWARDS ROCKET → 1F680 🚀 ROCKET	
0248		<u>1F66D</u>		RIGHTWARDS ROCKET	
0249		<u>1F66E</u>		UPWARDS ROCKET	
0250		<u>1F66F</u>		DOWNWARDS ROCKET	

Map and globe symbols

ID	glyph	UCS	glyph	Name	Comments
0251		<u>1F5FC</u>		WORLD MAP	
0252		1F30D		EARTH GLOBE EUROPE-AFRICA	
0253		1F30F		EARTH GLOBE ASIA-AUSTRALIA	
0254		1F30E		EARTH GLOBE AMERICAS	

Miscellaneous symbol

ID	glyph	UCS	glyph	Name	Comments
0255				DOVE OF PEACE = peace	

Wingdings

Miscellaneous symbols

















ID	glyph	UCS	glyph	Name	Comments
1033		<u>1F5D2</u>		LOWER LEFT PENCIL = pencil → 270E lower right pencil	Pencil in different direction
1034		2702		BLACK SCISSORS = scissors	
1035		2701		UPPER BLADE SCISSORS = scissors cutting	
1036		1F453		EYEGLASSES	1F453 has eyes/shades and is oriented differently Glyph change
1037		<u>1F56B</u>	 1F514	RINGING BELL → 1F514 bell	1F514 has a centered clapper (still), this one has a moving one, dis-unified using RINGING BELL
1038		1F4D6		OPEN BOOK	1F4D6 has writing on page, see also w-0167 Glyph change
1039		<u>1F56C</u>		CANDLE	

Communication symbols























ID	glyph	UCS	glyph	Name	Comments
1040		<u>1F581</u>		BLACK TOUCHTONE TELEPHONE = telephone solid → 260E black telephone	260E has an old fashioned look widely used in East Asian fonts
1041		2706		TELEPHONE LOCATION SIGN	2706 is oriented differently
1042		<u>1F583</u>		BACK OF ENVELOPE	2709 ENVELOPE is really 'Sealed envelope'.
1043		<u>1F584</u>		STAMPED ENVELOPE = envelope front	Same as w-0155
1044		1F4EA		CLOSED MAILBOX WITH LOWERED FLAG Variant = mailbox with flag down	Could be unified with 1F4EA CLOSED MAILBOX WITH LOWERED FLAG if the post was removed or reduced
1045		1F4EB		CLOSED MAILBOX WITH RAISED FLAG Variant = mailbox with flag up	Could be unified with 1F4EB CLOSED MAILBOX WITH RAISED FLAG if the post was removed or reduced
1046		1F4EC		OPEN MAILBOX WITH RAISED FLAG Variant = mailbox open with flag up	Could be unified with 1F4EC OPEN MAILBOX WITH RAISED FLAG if the new glyph was used. Does this mean 'you have mail' or 'you are sending mail'?
1047		1F4ED		OPEN MAILBOX WITH LOWERED FLAG variant = mailbox open with flag down	Could be unified with 1F4ED OPEN MAILBOX WITH RAISED FLAG if the new glyph was used. = you have no mail

Office symbols







ID	glyph	UCS	glyph	Name	Comments
1048		<u>1F5DA</u>		FOLDER = directory → 1F4C1 file folder	
1049		<u>1F5DC</u>		OPEN FOLDER → 1F4C2 open file folder	
1050		<u>1F5E7</u>		DOCUMENT = tall file with text 1 → 1F4C4 page facing up	These 3 tall file with text complete the set in w-2041-2049, reference w-0157
1051		<u>1F5E8</u>		PAGE = tall file with text → 1F4C3 page with curl	
1052		<u>1F5E9</u>		PAGES = tall file with text 3	

ID	glyph	UCS	glyph	Name	Comments
1053		<u>1F5DD</u>		FILE CABINET	
1054		23F3		HOURGLASS WITH FLOWING SAND	Change glyph
1055		<u>1F5B5</u>		WIRED KEYBOARD = keyboard → 2328  keyboard	
1056		<u>1F5B7</u>		TWO BUTTON MOUSE	
1057		<u>1F5B9</u>		TRACKBALL = ballpoint	
1058		<u>1F5BA</u>		OLD PERSONAL COMPUTER	Old fashion shape
1059		<u>1F5BB</u>		HARD DISK	
1060		<u>1F5B2</u>		WHITE HARD SHELL FLOPPY DISK → 1F4BE  floppy disk	Picture in 1F4BE also represents a hard shell floppy disk with different color and orientation. See also w-0205
1061		<u>1F5B3</u>		SOFT SHELL FLOPPY DISK → 1F4BE  floppy disk	
1062		2707		TAPE DRIVE = tape reel	



































Hand symbols

ID	glyph	UCS	glyph	Name	Comments
1063		270D		WRITING HAND = handwriting, right writing hand	
1064		<u>1F58A</u>		LEFT WRITING HAND = handwriting left	
1065		270C		VICTORY HAND	
1066		<u>1F58B</u>		TURNED OK HAND SIGN → 1F44C  ok hand sign	
1067		1F44D		THUMBS UP SIGN	
1068		1F44E		THUMBS DOWN SIGN	
1069		261C		WHITE LEFT POINTING INDEX	Most fonts don't have the black collar
1070		261E		WHITE RIGHT POINTING INDEX	Add cross reference to 1F449 white right pointing backhand index for 261E
1071		261D		WHITE UP POINTING INDEX	Add cross reference to 1F446 white up pointing backhand index for 261D
1072		<u>1F58C</u>		WHITE DOWN POINTING LEFT HAND INDEX → 261F  white down pointing index → 1F447  white down pointing backhand index	Other similar symbols have index on the right
1073		<u>1F58D</u>		RAISED HAND WITH FINGERS SPLAYED = halt → 270B  raised hand	























Emoticons

ID	glyph	UCS	glyph	Name	Comments
1074		263A		WHITE SMILING FACE	
1075		1F610		NEUTRAL FACE	
1076		2639		WHITE FROWNING FACE	

Miscellaneous symbols

ID	glyph	UCS	glyph	Name	Comments
1077		1F4A3		BOMB	
1078		<u>1F56D</u>		BLACK SKULL AND CROSSBONES = skull and crossbones → 2620  skull and crossbones	
1079		<u>1F56E</u>		WAVING WHITE FLAG = flag → 2690  white flag	
1080		<u>1F56F</u>		PENNANT → 1F6A9  triangular post on flag	
1081		2708		AIRPLANE	This symbol is more generic, does not show engines
1082		263C		WHITE SUN WITH RAYS = sunshine	Rays design is different
1083		<u>1F32F</u>		BLACK DROPLET = droplet → 1F4A7  droplet	
1084		2744		SNOWFLAKE	
1085		<u>1F546</u>		WHITE LATIN CROSS = cross outline → 271E  shadowed white latin cross	
1086		271E		SHADOWED WHITE LATIN CROSS	
1087		<u>1F548</u>		CELTIC CROSS	
1088		2720		MALTESE CROSS	
1089		2721		STAR OF DAVID	
1090		262A		STAR AND CRESCENT	
1091		262F		YIN YANG	
1092		<u>1F549</u>	 0950	OM SYMBOL → 0950  devanagari om	Although identical to devanagari om sign, the symbol needs to be type independent
1093		2638		WHEEL OF DHARMA = wheel	

Zodiacal symbols

ID	glyph	UCS	glyph	Name	Comments
1094		2648		ARIES	
1095		2649		TAURUS	
1096		264A		GEMINI	
1097		264B		CANCER	
1098		264C		LEO	
1099		264D		VIRGO	
1100		264E		LIBRA	
1101		264F		SCORPIUS = scorpio	
1102		2650		SAGITTARIUS	
1103		2651		CAPRICORN	
1104		2652		AQUARIUS	

ID	glyph	UCS	glyph	Name	Comments
1105	⋈	2653	⋈	PISCES	

Ligatures

ID	glyph	UCS	glyph	Name	Comments
1106	et	1F670		LIGATURE ET = italic ampersand lower case	See w-2089
1107	&	1F675		SWASH AMPERSAND = italic ampersand	

Geometric shapes




ID	glyph	UCS	glyph	Name	Comments
1108	●	26AB	●	MEDIUM BLACK CIRCLE = black medium circle = black circle 6	Smaller is w-2151, larger is w-2152 First occurrence of a 7 series (1 to 7) Usage of 26AB preferred for UI record
1109	◯	2BC3		LOWER RIGHT SHADOWED WHITE CIRCLE = circle shadow down → 274D ◯ shadowed white circle	Shadow is lower right instead of right, See also W-1166
1110	■	25FC	■	BLACK MEDIUM SQUARE = black square 6	Smaller is w-2161, larger is w-2162 First occurrence of a 7 series (1 to 7)
1111	□	1F79E		MEDIUM WHITE SQUARE = box 3	Smaller is w-1168, larger is w-1112 First occurrence of a series of 7
1112	◻	1F79F		BOLD WHITE SQUARE = box 4	Smaller is w-1111, larger is w-2164
1113	◻	2751	◻	LOWER RIGHT SHADOWED WHITE SQUARE = box shadow down	
1114	◻	2752	◻	UPPER RIGHT SHADOWED WHITE SQUARE = box shadow up	
1115	◆	1F7B3	◆	BLACK MEDIUM SMALL LOZENGE = black lozenge 4	Smaller is w-2182, larger is w-2183 First occurrence of a series of 6
1116	◆	29EB	◆	BLACK LOZENGE = black lozenge 6	Smaller is w-2183, largest
1117	◆	25C6	◆	BLACK DIAMOND = black diamond 6	Smaller is w-2174, largest First occurrence of a series of 6
1118	❖	2756	❖	BLACK DIAMOND MINUS WHITE X = diamond with x	
1119	◆	1F7A9	◆	BLACK DIAMOND 4	Smaller is w-2173, larger is w-2174

Keyboard symbols

ID	glyph	UCS	glyph	Name	Comments
1120	⊠	2327	⊠	X IN A RECTANGLE BOX = clear key → 2612 ⊠ ballot box with x	Glyph change
1121	⏏	2BE9		UP ARROWHEAD IN A RECTANGLE BOX = escape → 2B9B ⏏ escape key → 2353 ⊠ apl functional symbol quad up caret	

Miscellaneous symbols









ID	glyph	UCS	glyph	Name	Comments
1122	⌘	2318	⌘	PLACE OF INTEREST SIGN = command	
1123	⦿	1F578	⦿	ROSETTE → 2740 ⦿ white florette	Significant variant

ID	glyph	UCS	glyph	Name	Comments
1124		<u>1F579</u>		BLACK ROSETTE → 2741  eight petalled outlined black florette	Significant variant
1125	“	<u>1F676</u>		SANS-SERIF HEAVY DOUBLE TURNED COMMA QUOTATION MARK ORNAMENT → 275D “ heavy double turned comma quotation mark ornament	
1126	”	<u>1F677</u>		SANS-SERIF HEAVY DOUBLE COMMA QUOTATION MARK ORNAMENT → 275E ” heavy double comma quotation mark ornament	

Circled numbers

ID	glyph	UCS	glyph	Name	Comments
1128	①	<u>1F10B</u>		DINGBAT CIRCLED SANS-SERIF DIGIT ZERO	Complement the Dingbat set 2780-2789
1129	①	2780	①	DINGBAT CIRCLED SANS-SERIF DIGIT ONE	
1130	②	2781	②	DINGBAT CIRCLED SANS-SERIF DIGIT TWO	
1131	③	2782	③	DINGBAT CIRCLED SANS-SERIF DIGIT THREE	
1132	④	2783	④	DINGBAT CIRCLED SANS-SERIF DIGIT FOUR	
1133	⑤	2784	⑤	DINGBAT CIRCLED SANS-SERIF DIGIT FIVE	
1134	⑥	2785	⑥	DINGBAT CIRCLED SANS-SERIF DIGIT SIX	
1135	⑦	2786	⑦	DINGBAT CIRCLED SANS-SERIF DIGIT SEVEN	
1136	⑧	2787	⑧	DINGBAT CIRCLED SANS-SERIF DIGIT EIGHT	
1137	⑨	2788	⑨	DINGBAT CIRCLED SANS-SERIF DIGIT NINE	
1138	⑩	2789	⑩	DINGBAT CIRCLED SANS-SERIF DIGIT TEN	
1139	⓪	<u>1F10C</u>		DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT ZERO	Complement the Dingbat set 278A-2793
1140	①	278A	①	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT ONE	
1141	②	278B	②	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT TWO	
1142	③	278C	③	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT THREE	
1143	④	278D	④	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT FOUR	
1144	⑤	278E	⑤	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT FIVE	
1145	⑥	278F	⑥	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT SIX	
1146	⑦	2790	⑦	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT SEVEN	
1147	⑧	2791	⑧	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT EIGHT	
1148	⑨	2792	⑨	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT NINE	
1149	⑩	2793	⑩	DINGBAT NEGATIVE CIRCLED SANS-SERIF DIGIT TEN	

Ornament symbols

ID	glyph	UCS	glyph	Name	Comments
1150		1F662		NORTH EAST POINTING BUD	See opposite weight in range w-2097-2104
1151		1F660		NORTH WEST POINTING BUD	
1152		1F661		SOUTH WEST POINTING BUD	
1153		1F663		SOUTH EAST POINTING BUD	
1154		1F65E		HEAVY NORTH EAST POINTING VINE LEAF	
1155		1F65C		HEAVY NORTH WEST POINTING VINE LEAF	
1156		1F65D		HEAVY SOUTH WEST POINTING VINE LEAF	
1157		1F65F		HEAVY SOUTH EAST POINTING VINE LEAF	

Geometric shapes

ID	glyph	UCS	glyph	Name	Comments
1158	•	2219	•	BULLET OPERATOR = black circle 2 = black very small circle	Smaller is w-2149, larger is w-2150
1159	●	2022	●	BULLET = black circle 4 = black small circle	Smaller is w-2150, larger is w-2151
1160	▪	2B1D	▪	BLACK VERY SMALL SQUARE = black square 2	Smaller is w-2159, larger is w-2160
1161	◯	2B58	◯	HEAVY CIRCLE = ring 2 = light white circle	Smaller is w-2153, larger is w-2154 First occurrence of a series of 7
1162	⦿	1F78E		BOLD WHITE CIRCLE = ring 4	Smaller is w-2154, larger is w-2155
1163	⦿	1F790		VERY HEAVY WHITE CIRCLE = ring 6	Smaller is w-2155, larger is w-2156
1164	⦿	1F793		WHITE CIRCLE CONTAINING BLACK SMALL CIRCLE = ring button 2	Smaller is w-2157, larger is w-2158 First occurrence of a series of 3
1165	◎	2BBB		ROUND TARGET → 25CE ◎ bullseye → 29BE ◎ circled white bullet → 2B57 ◎ heavy circle with circle inside	Part of a target collection (round, square, diamond)
1166	◯	2BC4		UPPER RIGHT SHADOWED WHITE CIRCLE → 274D ◯ shadowed white circle	See w-1109
1167	■	25AA	■	BLACK SMALL SQUARE = black square 4	Smaller is w-2160, larger is w-2161
1168	◻	1F79D		LIGHT WHITE SQUARE = box 2	Lighter is w-2163, Heavier is w-1111
1169	▲	1F7D9		MEDIUM THREE POINTED BLACK STAR = 2	Previous is w-2229, next is w-2230 First occurrence of a series of 3
1170	✦	1F7DD		MEDIUM FOUR POINTED BLACK STAR = 2	Previous is w-2231, next is w-2232 First occurrence of a series of 3
1171	★	2605	★	BLACK STAR = five pointed black star 2	Previous is w-2233, next is w-2234 First occurrence of a series of 3
1172	★	1F7E6		MEDIUM SIX POINTED BLACK STAR	Previous is w-2235, next is w-2236 First occurrence of a series of 3

ID	glyph	UCS	glyph	Name	Comments
				= 2	
1173	✳	<u>1F7EA</u>	✳	HEAVY EIGHT POINTED BLACK STAR = 2 → 2738 ✳ heavy eight pointed rectilinear black star	Why rectilinear in 2738? Previous is w-2237, next is w-2238 First occurrence of a series of 3
1174	✳	<u>1F7EF</u>		HEAVY TWELVE POINTED BLACK STAR = 3	Previous is w-2240, last First occurrence of a series of 3
1175	✳	<u>1F7EC</u>	✳	HEAVY EIGHT POINTED PINWHEEL STAR = 2 → 2735 ✳ eight pointed pinwheel star	In shape correspond to a 'eight pointed black star 2', the shape for 2735 is the '1' variant. See w-2241..w-2245
1176	⊕	<u>2BC9</u>		SQUARE POSITION INDICATOR = register square → 2316 ⊕ position indicator	
1177	⊕	2316	⊕	POSITION INDICATOR = register circle	Variant has a blank center and is smaller Glyph change
1178	✧	<u>2BC5</u>		WHITE FOUR POINTED CUSP → 2727 ✧ white four pointed star	Scup designates the 'curved' lines See w-2246
1179	✧	<u>2BC6</u>		ROTATED WHITE FOUR POINTED CUSP → 2311 ◻ square lozenge	See w-2247
1180	◊	<u>2BCB</u>		UNCERTAINTY SIGN = query → 2370 ◻ apl functional symbol quad question → FFFD ◊ replacement character	this is unequivocally the question mark in the diamond, whereas FFFD could have any representation
1181	★	272A	★	CIRCLED WHITE STAR	
1182	☆	2730	☆	SHADOWED WHITE STAR = star shadow	Shadow is different

Clock face symbols

ID	glyph	UCS	glyph	Name	Comments
1183	🕒	1F550	🕒	CLOCK FACE ONE OCLOCK	
1184	🕒	1F551	🕒	CLOCK FACE TWO OCLOCK	
1185	🕒	1F552	🕒	CLOCK FACE THREE OCLOCK	
1186	🕒	1F553	🕒	CLOCK FACE FOUR OCLOCK	
1187	🕒	1F554	🕒	CLOCK FACE FIVE OCLOCK	
1188	🕒	1F555	🕒	CLOCK FACE SIX OCLOCK	
1189	🕒	1F556	🕒	CLOCK FACE SEVEN OCLOCK	
1190	🕒	1F557	🕒	CLOCK FACE EIGHT OCLOCK	
1191	🕒	1F558	🕒	CLOCK FACE NINE OCLOCK	
1192	🕒	1F559	🕒	CLOCK FACE TEN OCLOCK	
1193	🕒	1F55A	🕒	CLOCK FACE ELEVEN OCLOCK	
1194	🕒	1F55B	🕒	CLOCK FACE TWELVE OCLOCK	

Arrows

ID	glyph	UCS	glyph	Name	Comments
1195	↙	<u>2B60</u>		RIBBON ARROW DOWN LEFT	

ID	glyph	UCS	glyph	Name	Comments
1196		<u>2B61</u>		RIBBON ARROW DOWN RIGHT	
1197		<u>2B62</u>		RIBBON ARROW UP LEFT	
1198		<u>2B63</u>		RIBBON ARROW UP RIGHT	
1199		<u>2B64</u>		RIBBON ARROW LEFT UP	
1200		<u>2B65</u>		RIBBON ARROW RIGHT UP	
1201		<u>2B66</u>		RIBBON ARROW LEFT DOWN	
1202		<u>2B67</u>		RIBBON ARROW RIGHT DOWN	

Ornament symbols

ID	glyph	UCS	glyph	Name	Comments
1203		<u>1F66A</u>		SOLID QUILT SQUARE ORNAMENT = fourfold knot ornament	
1204		<u>1F66B</u>		SOLID QUILT SQUARE ORNAMENT IN BLACK SQUARE = inverse fourfold knot ornament	
1205		<u>1F655</u>		TURNED SOUTH WEST LEAF	
1206		<u>1F654</u>		TURNED NORTH WEST LEAF	
1207		<u>1F657</u>		TURNED SOUTH EAST LEAF	
1208		<u>1F656</u>		TURNED NORTH EAST LEAF	
1209		<u>1F650</u>		NORTH WEST LEAF	
1210		<u>1F651</u>		SOUTH WEST LEAF	
1211		<u>1F652</u>		NORTH EAST LEAF	
1212		<u>1F653</u>		SOUTH EAST LEAF	

Erase symbols

ID	glyph	UCS	glyph	Name	Comments
1213		232B		ERASE TO THE LEFT = delete left	Most fonts implementing these characters show the Winding glyphs, the reference glyphs should probably be changed accordingly Glyph change
1214		2326		ERASE TO THE RIGHT = delete right	Glyph change

Arrows


ID	glyph	UCS	glyph	Name	Comments
1215		<u>2BA3</u>		THREE-D TOP-LIGHTED LEFTWARDS EQUILATERAL ARROWHEAD	This pair is narrower than the 27A2-27A3 pair
1216		<u>2BA4</u>		THREE-D TOP-LIGHTED RIGHTWARDS EQUILATERAL ARROWHEAD → 27A2 > three-d top-lighted rightwards arrowhead	
1217		<u>2BA5</u>		THREE-D RIGHT-LIGHTED UPWARDS EQUILATERAL ARROWHEAD	
1218		<u>2BA6</u>		THREE-D LEFT-LIGHTED DOWNWARDS EQUILATERAL ARROWHEAD	

ID	glyph	UCS	glyph	Name	Comments
1219		<u>2BAB</u>		LEFTWARDS BLACK CIRCLED WHITE ARROW	
1220		<u>2BAC</u>		RIGHTWARDS BLACK CIRCLED WHITE ARROW → 27B2 ↻ circled heavy white rightwards arrow	
1221		<u>2BAD</u>		UPWARDS BLACK CIRCLED WHITE ARROW	
1222		<u>2BAE</u>		DOWNWARDS BLACK CIRCLED WHITE ARROW	
1223		<u>1F858</u>		WIDE-HEADED LEFTWARDS BARB ARROW	PS style is 'barb2', see w-3209
1224		<u>1F859</u>		WIDE-HEADED RIGHTWARDS BARB ARROW	
1225		<u>1F85A</u>		WIDE-HEADED UPWARDS BARB ARROW	
1226		<u>1F85B</u>		WIDE-HEADED DOWNWARDS BARB ARROW	
1227		<u>1F85C</u>		WIDE-HEADED NORTH WEST BARB ARROW	
1228		<u>1F85D</u>		WIDE-HEADED NORTH EAST BARB ARROW	
1229		<u>1F85E</u>		WIDE-HEADED SOUTH WEST BARB ARROW	
1230		<u>1F85F</u>		WIDE-HEADED SOUTH EAST BARB ARROW	
1231		<u>1F868</u>		WIDE-HEADED LEFTWARDS HEAVY BARB ARROW	PS style is 'barb2', see w-3209
1232		<u>1F869</u>		WIDE-HEADED RIGHTWARDS HEAVY BARB ARROW	
1233		<u>1F86A</u>		WIDE-HEADED UPWARDS HEAVY BARB ARROW	
1234		<u>1F86B</u>		WIDE-HEADED DOWNWARDS HEAVY BARB ARROW	
1235		<u>1F86C</u>		WIDE-HEADED NORTH WEST HEAVY BARB ARROW	
1236		<u>1F86D</u>		WIDE-HEADED NORTH EAST HEAVY BARB ARROW	
1237		<u>1F86E</u>		WIDE-HEADED SOUTH WEST HEAVY BARB ARROW	
1238		<u>1F86F</u>		WIDE-HEADED SOUTH EAST HEAVY BARB ARROW	
1239		<u>1F880</u>		LEFTWARDS WHITE RECTANGULAR ARROW → 21E6 ⇐ leftwards white arrow	
1240		<u>1F881</u>		RIGHTWARDS WHITE RECTANGULAR ARROW → 21E8 ⇒ rightwards white arrow	
1241		<u>1F882</u>		UPWARDS WHITE RECTANGULAR ARROW → 21E7 ⇑ upwards white arrow	
1242		<u>1F883</u>		DOWNWARDS WHITE RECTANGULAR ARROW → 21E9 ⇓ downwards white arrow	
1243		<u>1F888</u>		LEFT RIGHT WHITE RECTANGULAR ARROW → 2B04 ⇔ left right white arrow	
1244		<u>1F889</u>		UP DOWN WHITE RECTANGULAR ARROW → 21F3 ⇕ up down white arrow	
1245		<u>1F884</u>		NORTH WEST WHITE RECTANGULAR ARROW → 2B01 ↖ north west white arrow	
1246		<u>1F885</u>		NORTH EAST WHITE RECTANGULAR ARROW → 2B00 ↗ north east white arrow	
1247		<u>1F886</u>		SOUTH WEST WHITE RECTANGULAR ARROW → 2B03 ↙ south west white arrow	
1248		<u>1F887</u>		SOUTH EAST WHITE RECTANGULAR ARROW → 2B02 ↘ south east white arrow	

Arrow elements







ID	glyph	UCS	glyph	Name	Comments
1249	□	<u>1F878</u>		WHITE RECTANGULAR ARROW SHAFT WIDTH ONE	Vertical aligned with white arrow
1250	□	<u>1F879</u>		WHITE RECTANGULAR ARROW SHAFT WIDTH TWO THIRDS	

Miscellaneous symbols







ID	glyph	UCS	glyph	Name	Comments
1251	x	<u>2BEC</u>	X	BALLOT BOLD SCRIPT X = x mark bold → 2717 x ballot x	Ballot x has longer legs. All these glyphs are heavy, unlike similar glyphs in w-2079-2082
1252	✓	2713	✓	CHECK MARK = heavy check	
1253	☒	<u>2BED</u>		BALLOT BOX WITH BOLD SCRIPT X = box x mark bold	
1254	☑	<u>2BF3</u>	☑	BALLOT BOX WITH BOLD CHECK = box check bold → 2611 ☑ ballot box with check	
1255				WINDOWS LOGO	Probably copyright, trademark issue

Wingdings 2




Writing implements

ID	glyph	UCS	glyph	Name	Comments
2033		<u>1F5D3</u>		LOWER LEFT BALLPOINT PEN = ballpoint pen → 270E  lower right pencil	See also w-1033
2034		<u>1F5D4</u>		LOWER LEFT FOUNTAIN PEN = fountain pen → 2711  white nib	
2035		<u>1F5D5</u>		LOWER LEFT PAINTBRUSH = brush	
2036		<u>1F5D6</u>		LOWER LEFT CRAYON = crayon	













Scissors


ID	glyph	UCS	glyph	Name	Comments
2037		2704		WHITE SCISSORS = scissors outline → 2704  white scissors	Styles slightly different
2038		<u>2700</u>		BLACK SAFETY SCISSORS → 2702  black scissors	Tips are rounded

Telephones








ID	glyph	UCS	glyph	Name	Comments
2039		<u>1F588</u>		WHITE TOUCHTONE TELEPHONE = telephone → 260F  white telephone	260F has an old fashioned look used in East Asian fonts, similar case to w-1040
2040		<u>1F589</u>		RIGHT HAND TELEPHONE RECEIVER = telephone handset	See also w-0197, add reference

User Interfaces symbols






















ID	glyph	UCS	glyph	Name	Comments
2041		<u>1F5DE</u>		EMPTY NOTE = file1	Alias for the 9 following characters denote usage in UI, maybe should use those names
2042		<u>1F5DF</u>		EMPTY NOTE PAGE = file	
2043		<u>1F5E0</u>		EMPTY NOTE PAD = file3	
2044		<u>1F5E1</u>		NOTE = file text1	
2045		<u>1F5E2</u>		NOTE PAGE = file text	
2046		<u>1F5E3</u>		NOTE PAD = file text3	
2047		<u>1F5E4</u>		EMPTY DOCUMENT = tall file1	
2048		<u>1F5E5</u>		EMPTY PAGE = tall file	
2049		<u>1F5E6</u>		EMPTY PAGES = tall file3	
2050		1F4CB		CLIPBOARD	See w-0164
2051		<u>1F5EC</u>		WASTEBASKET = trashcan	




ID	glyph	UCS	glyph	Name	Comments
2052		<u>1F5EB</u>		DESKTOP WINDOW	

Computer hardware icons
















ID	glyph	UCS	glyph	Name	Comments
2053		<u>1F5BC</u>		SCREEN = monitor → 20E2 combining enclosing screen	
2054		<u>1F5BD</u>		PRINTER ICON	
2055		<u>1F5BE</u>		FAX → 1F4E0 📠 fax machine	See also w-0198, w-0202
2056		<u>1F5BF</u>		OPTICAL DISC ICON = compact disc → 1F4BF 💿 optical disc	See also w-0179, could also be named according to shape
2057		<u>1F5B4</u>		TAPE CARTRIDGE	
2058		<u>1F5B6</u>		ONE BUTTON MOUSE	Reference w-1056
2059		<u>1F5B8</u>		THREE BUTTON MOUSE	

Hand symbols

ID	glyph	UCS	glyph	Name	Comments
2060		<u>1F58E</u>		REVERSED THUMBS UP SIGN → 1F44D 👍 thumbs up sign	See also w-1067
2061		<u>1F58F</u>		REVERSED THUMBS DOWN SIGN → 1F44E 👎 thumbs down sign	See also w-1068
2062		<u>1F590</u>		SIDEWAYS WHITE LEFT POINTING INDEX → 261C 🤚 white left pointing index	See also w-1069
2063		<u>1F591</u>		SIDEWAYS WHITE RIGHT POINTING INDEX → 261E 🤚 white right pointing index	See also w-1070
2064		<u>1F592</u>		SIDEWAYS BLACK LEFT POINTING INDEX	
2065		<u>1F593</u>		SIDEWAYS BLACK RIGHT POINTING INDEX	
2066		1F448		WHITE LEFT POINTING BACKHAND INDEX	
2067		1F449		WHITE RIGHT POINTING BACKHAND INDEX	
2068		<u>1F594</u>		BLACK LEFT POINTING BACKHAND INDEX → 1F448 🖐 white left pointing backhand index	
2069		<u>1F595</u>		BLACK RIGHT POINTING BACKHAND INDEX → 1F449 🖐 white right pointing backhand index	
2070		<u>1F596</u>		SIDEWAYS WHITE UP POINTING INDEX → 261D 🤚 white up pointing index	See also w-1071
2071		<u>1F597</u>		SIDEWAYS WHITE DOWN POINTING INDEX → 261F 🤚 white down pointing index	See also w-1072
2072		<u>1F598</u>		SIDEWAYS BLACK UP POINTING INDEX	
2073		<u>1F599</u>		SIDEWAYS BLACK DOWN POINTING INDEX	
2074		1F446		WHITE UP POINTING BACKHAND INDEX	
2075		1F447		WHITE DOWN POINTING BACKHAND INDEX	
2076		<u>1F59A</u>		BLACK UP POINTING BACKHAND INDEX → 1F446 🖐 white up pointing backhand index	

ID	glyph	UCS	glyph	Name	Comments
2077		<u>1F59B</u>		BLACK DOWN POINTING BACKHAND INDEX → 1F447  white down pointing backhand index	
2078		<u>1F59C</u>		REVERSED RAISED HAND WITH FINGERS SPLOYED	See w-1073, add reference

Miscellaneous symbols

ID	glyph	UCS	glyph	Name	Comments
2079	x	<u>2BEA</u>		BALLOT SCRIPT X = x mark	See w-1251
2080	✓	<u>2BF2</u>	✓	LIGHT CHECK MARK = check → 2713 ✓ check mark	See w-1252
2081		<u>2BEB</u>		BALLOT BOX WITH SCRIPT X = box x mark	See w-1253
2082		2611		BALLOT BOX WITH CHECK = box x check	See w-1254
2083		<u>2BEE</u>		BALLOT BOX WITH LIGHT X = box x → 2612  ballot box with x	
2084		2612		BALLOT BOX WITH X = box x bold	
2085		<u>2BEF</u>		CIRCLED X → 2297  circled times	This should be <2297, FE00>, is that ideal?
2086		<u>2BF0</u>		CIRCLED BOLD X = circled x bold	
2087		<u>2BF1</u>		CIRCLED REVERSE LIGHT SOLIDUS = prohibit	
2088		29B8		CIRCLED REVERSE SOLIDUS = prohibit bold	Duplicate of w-0120

Ligatures








ID	glyph	UCS	glyph	Name	Comments
2089	er	<u>1F671</u>		BOLD LIGATURE ET	See w-1106
2090	&	<u>1F674</u>		BOLD AMPERSAND	
2091	ɛ	<u>1F672</u>		SANS-SERIF AMPERSAND	
2092	ɛ	<u>1F673</u>		BOLD SANS-SERIF AMPERSAND	

Punctuations

ID	glyph	UCS	glyph	Name	Comments
2093	?	203D	?	INTERROBANG	See w-1106
2094	?	<u>1F678</u>		BOLD INTERROBANG	
2095	?	<u>1F679</u>		SANS-SERIF INTERROBANG	
2096	?	<u>1F67A</u>		BOLD SANS-SERIF INTERROBANG	

Ornament symbols









ID	glyph	UCS	glyph	Name	Comments
2097	☪	<u>1F666</u>		HEAVY NORTH EAST POINTING BUD	See opposite weight in range w-1150-1157

ID	glyph	UCS	glyph	Name	Comments
2098		<u>1F664</u>		HEAVY NORTH WEST POINTING BUD	
2099		<u>1F665</u>		HEAVY SOUTH WEST POINTING BUD	
2100		<u>1F667</u>		HEAVY SOUTH EAST POINTING BUD	
2101		<u>1F65A</u>		NORTH EAST POINTING VINE LEAF	
2102		<u>1F658</u>		NORTH WEST POINTING VINE LEAF	
2103		<u>1F659</u>		SOUTH WEST POINTING VINE LEAF	
2104		<u>1F65B</u>		SOUTH EAST POINTING VINE LEAF	





Circled numbers

ID	glyph	UCS	glyph	Name	Comments
2105	①	24EA	①	CIRCLED DIGIT ZERO	See also range w-1128..w-1149. The following sets are serif style.
2106	①	2460	①	CIRCLED DIGIT ONE	
2107	②	2461	②	CIRCLED DIGIT TWO	
2108	③	2462	③	CIRCLED DIGIT THREE	
2109	④	2463	④	CIRCLED DIGIT FOUR	
2110	⑤	2464	⑤	CIRCLED DIGIT FIVE	
2111	⑥	2465	⑥	CIRCLED DIGIT SIX	
2112	⑦	2466	⑦	CIRCLED DIGIT SEVEN	
2113	⑧	2467	⑧	CIRCLED DIGIT EIGHT	
2114	⑨	2468	⑨	CIRCLED DIGIT NINE	
2115	⑩	2469	⑩	CIRCLED DIGIT TEN	
2116	⓪	24FF	⓪	NEGATIVE CIRCLED DIGIT ZERO	Winding glyph is better
2117	①	2776	①	DINGBAT NEGATIVE CIRCLED DIGIT ONE	
2118	②	2777	②	DINGBAT NEGATIVE CIRCLED DIGIT TWO	
2119	③	2778	③	DINGBAT NEGATIVE CIRCLED DIGIT THREE	
2120	④	2779	④	DINGBAT NEGATIVE CIRCLED DIGIT FOUR	
2121	⑤	277A	⑤	DINGBAT NEGATIVE CIRCLED DIGIT FIVE	
2122	⑥	277B	⑥	DINGBAT NEGATIVE CIRCLED DIGIT SIX	
2123	⑦	277C	⑦	DINGBAT NEGATIVE CIRCLED DIGIT SEVEN	
2124	⑧	277D	⑧	DINGBAT NEGATIVE CIRCLED DIGIT EIGHT	
2125	⑨	277E	⑨	DINGBAT NEGATIVE CIRCLED DIGIT NINE	
2126	⑩	277F	⑩	DINGBAT NEGATIVE CIRCLED DIGIT TEN	

























Sun and moon symbols

ID	glyph	UCS	glyph	Name	Comments
2128		2609		SUN	
2129		1F315		FULL MOON SYMBOL	
2130		263D		FIRST QUARTER MOON	
2131		263E		LAST QUARTER MOON	



Miscellaneous symbols

ID	glyph	UCS	glyph	Name	Comments
2132		<u>2E3F</u>		CAPITULUM * ancestor of the pilcrow sign → 00B6 ¶ pilcrow sign	
2133		271D		LATIN CROSS	
2134		<u>1F547</u>		HEAVY LATIN CROSS	

Clock face symbols

ID	glyph	UCS	glyph	Name	Comments
2135		1F55C		CLOCK FACE ONE-THIRTY	
2136		1F55D		CLOCK FACE TWO-THIRTY	
2137		1F55E		CLOCK FACE THREE-THIRTY	
2138		1F55F		CLOCK FACE FOUR-THIRTY	
2139		1F560		CLOCK FACE FIVE-THIRTY	
2140		1F561		CLOCK FACE SIX-THIRTY	
2141		1F562		CLOCK FACE SEVEN-THIRTY	
2142		1F563		CLOCK FACE EIGHT-THIRTY	
2143		1F564		CLOCK FACE NINE-THIRTY	
2144		1F565		CLOCK FACE TEN-THIRTY	
2145		1F566		CLOCK FACE ELEVEN-THIRTY	
2146		1F567		CLOCK FACE TWELVE-THIRTY	

Ornament symbols

ID	glyph	UCS	glyph	Name	Comments
2147		<u>1F668</u>		HOLLOW QUILT SQUARE ORNAMENT	See w-1203
2148		<u>1F669</u>		HOLLOW QUILT SQUARE ORNAMENT IN BLACK SQUARE	See w-1204

Black circles

ID	glyph	UCS	glyph	Name	Comments
2149	.	22C5	•	DOT OPERATOR = black circle 1 = black tiny circle	Smallest, larger is w-1158
2150	•	<u>1F786</u>		BLACK SLIGHTLY SMALL CIRCLE = black circle 3	Smaller is w-1158, larger is w-1159
2151	●	2981	●	Z NOTATION SPOT = black circle 5 = black medium small circle	Smaller is w-1159, larger is w-1108
2152	●	25CF	●	BLACK CIRCLE = black circle 7	Smaller is w-1108, Largest

White circles

ID	glyph	UCS	glyph	Name	Comments
2153	○	25CB	○	WHITE CIRCLE = ring 1 = thin white circle	Smallest, larger is w-1161
2154	○	<u>1F78D</u>		MEDIUM WHITE CIRCLE = ring 3	Smaller is w-1161, larger is w-1162
2155	⦿	<u>1F78F</u>		HEAVY WHITE CIRCLE = ring 5	Smaller is w-1162, larger is w-1163
2156	⦿	<u>1F791</u>		EXTREMELY HEAVY WHITE CIRCLE = ring 7	Smaller is w-1163, largest

White circles containing another black circle


ID	glyph	UCS	glyph	Name	Comments
2157	◉	2299	◉	CIRCLED DOT OPERATOR = ring button 1	Smallest, larger is w-1164
2158	⦿	29BF	⦿	CIRCLED BULLET = ring button 3 → 25C9 ● fisheye	Smaller is w-1164, largest

Black squares




ID	glyph	UCS	glyph	Name	Comments
2159	.	<u>1F795</u>		BLACK TINY SQUARE = black square 1	Smallest, larger is w-1160
2160	▪	<u>1F797</u>		BLACK SLIGHTLY SMALL SQUARE = black square 3	Smaller is w-1160, larger is w-1167
2161	■	25FE	■	BLACK MEDIUM SMALL SQUARE = black square 5	Smaller is w-1167, larger is w-1110
2162	■	25A0	■	BLACK SQUARE = black square 7	Smaller is w-1110, Largest

White squares


ID	glyph	UCS	glyph	Name	Comments
2163	□	25A1	□	WHITE SQUARE = box 1 = thin white square	Smallest, larger is w-1168
2164	◻	<u>1F7A0</u>		HEAVY WHITE SQUARE = box 5	Smaller is w-1112, larger is w-2165
2165	◻	<u>1F7A1</u>		VERY HEAVY WHITE SQUARE = box 6	Smaller is w-2164, larger is w-2166

ID	glyph	UCS	glyph	Name	Comments
2166		<u>1F7A2</u>		EXTREMELY HEAVY WHITE SQUARE = box 7	Smaller is w-2165, Largest




Box buttons

ID	glyph	UCS	glyph	Name	Comments
2167		<u>1F7A3</u>		WHITE SQUARE CONTAINING BLACK VERY SMALL SQUARE = box button 1	Series of 3
2168		<u>1F7A4</u>		WHITE SQUARE CONTAINING BLACK SMALL SQUARE = box button 2	
2169		<u>1F7A5</u>		WHITE SQUARE CONTAINING BLACK MEDIUM SQUARE = box button 3	




Square target

ID	glyph	UCS	glyph	Name	Comments
2170		<u>2BBC</u>		SQUARE TARGET	Reference w-1165


Diamond

ID	glyph	UCS	glyph	Name	Comments
2171		<u>1F7A6</u>		BLACK TINY DIAMOND = black diamond 1	Smallest, larger is w-2172
2172		<u>1F7A7</u>		BLACK VERY SMALL DIAMOND = black diamond 2	Smaller is w-2171, larger is w-2173
2173		2B29		BLACK SMALL DIAMOND = black diamond 3	Smaller is w-2172, larger is w-1119
2174		2B25		BLACK MEDIUM DIAMOND = black diamond 5	Smaller is w-1119, larger is w-1117
2175		<u>25C7</u>		WHITE DIAMOND	

White diamonds containing another black diamond

ID	glyph	UCS	glyph	Name	Comments
2176		<u>1F7AD</u>		WHITE DIAMOND CONTAINING BLACK VERY SMALL DIAMOND = diamond button 1	Series of 3
2177		<u>1F7AE</u>		WHITE DIAMOND CONTAINING BLACK SMALL DIAMOND = diamond button 2	
2178		<u>1F7AF</u>		WHITE DIAMOND CONTAINING BLACK MEDIUM DIAMOND = diamond button 3	

Diamond target

ID	glyph	UCS	glyph	Name	Comments
2179		<u>2BBD</u>		DIAMOND TARGET	Reference w-1165

Lozenges

ID	glyph	UCS	glyph	Name	Comments
2180	.	<u>1F7B0</u>		BLACK TINY LOZENGE = black lozenge 1	Smallest, larger is w-2181
2181	.	<u>1F7B1</u>		BLACK VERY SMALL LOZENGE = black lozenge 2	Smaller is w-2180, larger is w-2182
2182	◊	2B2A	◊	BLACK SMALL LOZENGE = black lozenge 3	Smaller is w-2181, larger is w-1115
2183	◆	2B27	◆	BLACK MEDIUM LOZENGE = black lozenge 5	Smaller is w-1115, larger is w-1116
2184	◇	25CA	◇	LOZENGE = white lozenge	UCS glyph too small

Lozenge button

ID	glyph	UCS	glyph	Name	Comments
2185	◊	<u>1F7B7</u>		WHITE LOZENGE CONTAINING BLACK SMALL LOZENGE = lozenge button	

Half circles

ID	glyph	UCS	glyph	Name	Comments
2186	◐	25D6	◐	LEFT HALF BLACK CIRCLE	Reference w-1165
2187	◑	25D7	◑	RIGHT HALF BLACK CIRCLE	
2188	◕	<u>2BB9</u>		TOP HALF BLACK CIRCLE	
2189	◖	<u>2BBA</u>		BOTTOM HALF BLACK CIRCLE	

Centered geometric shapes

ID	glyph	UCS	glyph	Name	Comments
2190	■	<u>2BB0</u>		BLACK SQUARE CENTERED	All but two last of this series have 'cent' suffix in their PS name
2191	◆	<u>2BB1</u>		BLACK DIAMOND CENTERED	
2192	⬠	2B1F	⬠	BLACK PENTAGON = black pentagon 1 centered	
2193	⬡	<u>2BB2</u>		TURNED BLACK PENTAGON = black pentagon 2 centered	
2194	⬢	2B23	⬢	HORIZONTAL BLACK HEXAGON = black hexagon 1 centered	
2195	⬤	2B22	⬤	BLACK HEXAGON = black hexagon 2 centered	
2196	⬥	<u>2BB3</u>		HORIZONTAL BLACK OCTAGON = black octagon 1	
2197	⬦	<u>2BB4</u>		BLACK OCTAGON = black octagon 2	

Crosses

ID	glyph	UCS	glyph	Name	Comments
2198	+	<u>1F7B8</u>		THIN GREEK CROSS = cross 1	
2199	+	<u>1F7B9</u>		LIGHT GREEK CROSS = cross 2	
2200	+	<u>1F7BA</u>		MEDIUM GREEK CROSS = cross 3	
2201	+	<u>1F7BB</u>		BOLD GREEK CROSS = cross 4	
2202	+	<u>1F7BC</u>		VERY BOLD GREEK CROSS = cross 5	
2203	+	<u>1F7BD</u>		VERY HEAVY GREEK CROSS = cross 6	
2204	+	<u>1F7BE</u>		EXTREMELY HEAVY GREEK CROSS = cross 7	

Saltires

ID	glyph	UCS	glyph	Name	Comments
2205	×	<u>1F7C0</u>		THIN SALTIRE = x 1	
2206	×	<u>1F7C1</u>		LIGHT SALTIRE = x 2	
2207	×	<u>1F7C2</u>		MEDIUM SALTIRE = x 3	
2208	×	<u>1F7C3</u>		BOLD SALTIRE = x 4	
2209	×	<u>1F7C4</u>		HEAVY SALTIRE = x 5	
2210	×	<u>1F7C5</u>		VERY HEAVY SALTIRE = x 6	
2211	×	<u>1F7C6</u>		EXTREMELY HEAVY SALTIRE = x 7	

Five spoked asterisks

ID	glyph	UCS	glyph	Name	Comments
2212	✱	<u>1F7C7</u>		LIGHT FIVE SPOKED ASTERISK	
2213	✱	<u>1F7C8</u>		MEDIUM FIVE SPOKED ASTERISK	
2214	✱	<u>1F7C9</u>		BOLD FIVE SPOKED ASTERISK	
2215	✱	<u>1F7CA</u>		HEAVY FIVE SPOKED ASTERISK	
2216	✱	<u>1F7CB</u>		VERY HEAVY FIVE SPOKED ASTERISK	
2217	✱	<u>1F7CC</u>		EXTREMELY HEAVY FIVE SPOKED ASTERISK	

Six spoked asterisks

ID	glyph	UCS	glyph	Name	Comments
2218	✱	<u>1F7CD</u>		LIGHT SIX SPOKED ASTERISK	

ID	glyph	UCS	glyph	Name	Comments
2219	✱	<u>1F7CE</u>		MEDIUM SIX SPOKED ASTERISK	
2220	✱	<u>1F7CF</u>		BOLD SIX SPOKED ASTERISK	
2221	✱	<u>1F7D0</u>		HEAVY SIX SPOKED ASTERISK	
2222	✱	<u>1F7D1</u>		VERY HEAVY SIX SPOKED ASTERISK	
2223	✱	<u>1F7D2</u>		EXTREMELY HEAVY SIX SPOKED ASTERISK	

Eight spoked asterisks

ID	glyph	UCS	glyph	Name	Comments
2224	✱	<u>1F7D3</u>		LIGHT EIGHT SPOKED ASTERISK	
2225	✱	<u>1F7D4</u>		MEDIUM EIGHT SPOKED ASTERISK	
2226	✱	<u>1F7D5</u>		BOLD EIGHT SPOKED ASTERISK	
2227	✱	<u>1F7D6</u>		HEAVY EIGHT SPOKED ASTERISK	
2228	✱	<u>1F7D7</u>		VERY HEAVY EIGHT SPOKED ASTERISK	

Pointed stars

ID	glyph	UCS	glyph	Name	Comments
2229	⬆	<u>1F7D8</u>		LIGHT THREE POINTED BLACK STAR	First, next is w-1169
2230	⬆	<u>1F7DA</u>		THREE POINTED BLACK STAR	Previous is w-1169, last
2231	✦	<u>1F7DC</u>		LIGHT FOUR POINTED BLACK STAR	First, next is w-1170
2232	✦	<u>1F7DE</u>	✦	FOUR POINTED BLACK STAR * 2726 black four pointed star is a cusp → 2726 ✦ black four pointed star	Previous is w-1170, last
2233	★	<u>1F7E1</u>		LIGHT FIVE POINTED BLACK STAR	First, next is w-1171
2234	★	<u>1F7E3</u>		HEAVY FIVE POINTED BLACK STAR	Previous is w-1171, last
2235	★	2736	★	SIX POINTED BLACK STAR = six pointed black star 1	First, next is w-1172
2236	★	<u>1F7E7</u>		HEAVY SIX POINTED BLACK STAR	Previous is w-1172, last
2237	★	<u>1F7E9</u>		MEDIUM EIGHT POINTED BLACK STAR	First, next is w-1173
2238	★	<u>1F7EB</u>		VERY HEAVY EIGHT POINTED BLACK STAR	Previous is w-1173, last
2239	★	<u>1F7ED</u>		LIGHT TWELVE POINTED BLACK STAR	First, next is w-2240
2240	★	2739	★	TWELVE POINTED BLACK STAR = twelve pointed black star 2	Previous is w-2240, next is w-1174
2241	⬆	<u>1F7DB</u>		MEDIUM THREE POINTED PINWHEEL STAR	
2242	✦	<u>1F7DF</u>		MEDIUM FOUR POINTED PINWHEEL STAR	
2243	★	272F	★	PINWHEEL STAR = five pointed pinwheel star	Size is slightly different

ID	glyph	UCS	glyph	Name	Comments
2244	✧	<u>1F7E8</u>		SIX POINTED PINWHEEL STAR	
2245	✨	<u>1F7F0</u>		HEAVY TWELVE POINTED PINWHEEL STAR	

Miscellaneous symbols

ID	glyph	UCS	glyph	Name	Comments
2246	✦	<u>2BC7</u>	✦	LIGHT FOUR POINTED BLACK CUSP → 2726 ✦ black four pointed star	Cusp designates curved lines See w-1178
2247	✧	<u>2BC8</u>		ROTATED LIGHT FOUR POINTED BLACK CUSP	See w-1179
2248	✖	203B	✖	REFERENCE MARK = x dot	
2249	* **	2042	* **	ASTERISM	

Wingdings 3

Simple triangle-headed arrows

ID	glyph	UCS	glyph	Name	Comments
3033	←	<u>2B68</u>		LEFTWARDS TRIANGLE-HEADED ARROW → 2190 ← leftwards arrow	PS style name is 'a2'
3034	→	<u>2B69</u>	→	RIGHTWARDS TRIANGLE-HEADED ARROW → 279D → triangle-headed rightwards arrow → 2192 → rightwards arrow	The name collision with 279D is the reason why this set has the 'A2' suffix
3035	↑	<u>2B6A</u>		UPWARDS TRIANGLE-HEADED ARROW → 2191 ↑ upwards arrow	
3036	↓	<u>2B6B</u>		DOWNWARDS TRIANGLE-HEADED ARROW → 2193 ↓ downwards arrow	
3037	↖	<u>2B6E</u>		NORTH WEST TRIANGLE-HEADED ARROW → 2196 ↖ north west arrow	
3038	↗	<u>2B6F</u>		NORTH EAST TRIANGLE-HEADED ARROW → 2197 ↗ north east arrow	
3039	↙	<u>2B70</u>		SOUTH WEST TRIANGLE-HEADED ARROW → 2199 ↙ south west arrow	
3040	↘	<u>2B71</u>		SOUTH EAST TRIANGLE-HEADED ARROW → 2198 ↘ south east arrow	

Triangle-headed arrows to bar

ID	glyph	UCS	glyph	Name	Comments
3041	←	<u>2B86</u>		LEFTWARDS TRIANGLE-HEADED ARROW TO BAR = left tab → 21E4 ← leftwards arrow to bar	PS style name is 'a2'
3042	→	<u>2B87</u>		RIGHTWARDS TRIANGLE-HEADED ARROW TO BAR = right tab → 21E5 → rightwards arrow to bar	
3043	↑	<u>2B88</u>		UPWARDS TRIANGLE-HEADED ARROW TO BAR = up tab → 2912 ↑ upwards arrow to bar	
3044	↓	<u>2B89</u>		DOWNWARDS TRIANGLE-HEADED ARROW TO BAR = down tab → 2913 ↓ downwards arrow to bar	
3045	↖	<u>2B8A</u>		NORTH WEST TRIANGLE-HEADED ARROW TO BAR = home	
3046	↘	<u>2B8B</u>		SOUTH EAST TRIANGLE-HEADED ARROW TO BAR = end	

Triangle-headed arrows with double horizontal stroke

ID	glyph	UCS	glyph	Name	Comments
3047	⇑	<u>2B8C</u>		UPWARDS TRIANGLE-HEADED ARROW WITH DOUBLE HORIZONTAL STROKE = page up	PS style name is 'a2'
3048	⇓	<u>2B8D</u>		DOWNWARDS TRIANGLE-HEADED ARROW WITH DOUBLE HORIZONTAL STROKE = page down	

Simple triangle-headed arrows

ID	glyph	UCS	glyph	Name	Comments
3049	↔	<u>2B6C</u>		LEFT RIGHT TRIANGLE-HEADED ARROW → 2194 ↔ left right arrow	PS style name is 'a2'

ID	glyph	UCS	glyph	Name	Comments
3050	↕	<u>2B6D</u>		UP DOWN TRIANGLE-HEADED ARROW → 2195 ↕ up down arrow	Not exactly same, could need a new name for whole set

Triangle-headed dashed arrows

ID	glyph	UCS	glyph	Name	Comments
3051	←---	<u>2B72</u>		LEFTWARDS TRIANGLE-HEADED DASHED ARROW → 21E0 ←--- leftwards dashed arrow	
3052	---→	<u>2B74</u>		RIGHTWARDS TRIANGLE-HEADED DASHED ARROW → 21E2 ---→ rightwards dashed arrow	
3053	↑---	<u>2B73</u>		UPWARDS TRIANGLE-HEADED DASHED ARROW → 21E1 ↑--- upwards dashed arrow	
3054	↓---	<u>2B75</u>		DOWNWARDS TRIANGLE-HEADED DASHED ARROW → 21E3 ↓--- downwards dashed arrow	

Triangle-headed zigzag arrow


ID	glyph	UCS	glyph	Name	Comments
3055	↙	<u>2B96</u>	↘	DOWNWARDS TRIANGLE-HEADED ZIGZAG ARROW → 21AF ↘ downwards zigzag arrow	PS style name is 'a2'

Triangle-headed arrows with bent tips









ID	glyph	UCS	glyph	Name	Comments
3056	↵	<u>2B76</u>		DOWNWARDS TRIANGLE-HEADED ARROW WITH LONG TIP LEFTWARDS → 21B2 ↵ downwards arrow with tip leftwards	PS style name is 'a2' and corner term is used
3057	↳	<u>2B77</u>		DOWNWARDS TRIANGLE-HEADED ARROW WITH LONG TIP RIGHTWARDS → 21B3 ↳ downwards arrow with tip rightwards	
3058	↶	<u>2B78</u>		UPWARDS TRIANGLE-HEADED ARROW WITH LONG TIP LEFTWARDS → 21B0 ↶ upwards arrow with tip leftwards	
3059	↷	<u>2B79</u>		UPWARDS TRIANGLE-HEADED ARROW WITH LONG TIP RIGHTWARDS → 21B1 ↷ upwards arrow with tip rightwards	
3060	↶	<u>2B7A</u>		LEFTWARDS TRIANGLE-HEADED ARROW WITH LONG TIP UPWARDS → 2B11 ↶ leftwards arrow with tip upwards	These 4 could also use the 'corner' naming convention instead of short/long 'tip'
3061	↷	<u>2B7B</u>		RIGHTWARDS TRIANGLE-HEADED ARROW WITH LONG TIP UPWARDS → 2B0F ↷ rightwards arrow with tip upwards	
3062	↵	<u>2B7C</u>		LEFTWARDS TRIANGLE-HEADED ARROW WITH LONG TIP DOWNWARDS → 2B10 ↵ leftwards arrow with tip downwards	
3063	↳	<u>2B7D</u>		RIGHTWARDS TRIANGLE-HEADED ARROW WITH LONG TIP DOWNWARDS → 2B0E ↳ rightwards arrow with tip downwards	

Keyboard symbols







ID	glyph	UCS	glyph	Name	Comments
3064	↵	<u>2B97</u>		RETURN LEFT → 23CE ↵ return symbol	PS style name is 'a2'
3065	↳	<u>2B98</u>		RETURN RIGHT	
3066	↵	<u>2B99</u>		NEWLINE LEFT	

ID	glyph	UCS	glyph	Name	Comments
3067		<u>2B9A</u>		NEWLINE RIGHT	













Paired triangle-headed arrows

ID	glyph	UCS	glyph	Name	Comments
3068		<u>2B8E</u>		LEFTWARDS TRIANGLE-HEADED ARROW OVER RIGHTWARDS TRIANGLE-HEADED ARROW → 21C6 ⇌ leftwards arrow over rightwards arrow	PS style name is 'a2'
3069		<u>2B8F</u>		DOWNWARDS TRIANGLE-HEADED ARROW LEFTWARDS OF UPWARDS TRIANGLE-HEADED ARROW → 21C6 ⇌ leftwards arrow over rightwards arrow	
3070		<u>2B90</u>		HORIZONTAL TAB KEY	Represent normal and shifted tab actions
3071		<u>2B91</u>		VERTICAL TAB KEY	
3072		<u>2B92</u>		LEFTWARDS TRIANGLE-HEADED PAIRED ARROWS → 21C7 ⇔ leftwards paired arrows	
3073		<u>2B93</u>		RIGHTWARDS TRIANGLE-HEADED PAIRED ARROWS → 21C9 ⇔ rightwards paired arrows	
3074		<u>2B94</u>		UPWARDS TRIANGLE-HEADED PAIRED ARROWS → 21C8 ⇕ upwards paired arrows	
3075		<u>2B95</u>		DOWNTWARDS TRIANGLE-HEADED PAIRED ARROWS → 21CA ⇕ downwards paired arrows	

Circled triangle-headed arrows

ID	glyph	UCS	glyph	Name	Comments
3076		<u>2B9C</u>		ANTICLOCKWISE TRIANGLE-HEADED TOP U-SHAPED ARROW → 21B6 ↶ anticlockwise top semicircle arrow	PS style name is 'a2'
3077		<u>2B9D</u>		ANTICLOCKWISE TRIANGLE-HEADED BOTTOM U-SHAPED ARROW	
3078		<u>2B9E</u>		ANTICLOCKWISE TRIANGLE-HEADED LEFT U-SHAPED ARROW	
3079		<u>2B9F</u>		ANTICLOCKWISE TRIANGLE-HEADED RIGHT U-SHAPED ARROW	
3080		<u>2BA0</u>		CLOCKWISE TRIANGLE-HEADED OPEN CIRCLE ARROW → 21BB ↷ clockwise open circle arrow	
3081		<u>2BA1</u>		ANTICLOCKWISE TRIANGLE-HEADED OPEN CIRCLE ARROW → 21BA ↶ anticlockwise open circle arrow	

Keyboard symbols

ID	glyph	UCS	glyph	Name	Comments
3082		<u>2B8B</u>		BROKEN CIRCLE WITH NORTHWEST ARROW = escape key	Glyph change?
3083		<u>2324</u>		UP ARROWHEAD BETWEEN TWO HORIZONTAL BARS = enter key	Glyph change?
3084		<u>2303</u>		UP ARROWHEAD	Glyph change?
3085		<u>2325</u>		OPTION KEY	Glyph change?
3086		<u>2423</u>		OPEN BOX * graphic for space	Glyph change?
3087		<u>237D</u>		SHOULDERED OPEN BOX * keyboard symbol for No Break Space	Glyph change?

ID	glyph	UCS	glyph	Name	Comments
3088		<u>2BF4</u>		UPWARDS WHITE RECTANGULAR ARROW FROM BAR = caps lock * may also be a shift lock → 21EA upwards white arrow from bar	
3089		<u>2B4D</u>		UPWARDS WHITE RECTANGULAR ARROW FROM BAR WITH HORIZONTAL BAR = caps lock → 21EC upwards white arrow on pedestal with horizontal bar	21EC is also caps lock

Shaded white arrows

ID	glyph	UCS	glyph	Name	Comments
3090		<u>2BD0</u>		LEFTWARDS BOTTOM-SHADED WHITE ARROW	
3091		<u>2BD1</u>		RIGHTWARDS BOTTOM SHADED WHITE ARROW	
3092		<u>2BD2</u>		LEFTWARDS TOP SHADED WHITE ARROW	
3093		<u>2BD3</u>		RIGHTWARDS TOP SHADED WHITE ARROW	
3094		<u>2BD4</u>		LEFTWARDS LEFT-SHADED WHITE ARROW	
3095		<u>2BD5</u>		RIGHTWARDS RIGHT-SHADED WHITE ARROW → 27A9 right-shaded white rightwards arrow	
3096		<u>2BD6</u>		LEFTWARDS RIGHT-SHADED WHITE ARROW	
3097		<u>2BD7</u>		RIGHTWARDS LEFT-SHADED WHITE ARROW → 27AA left-shaded white rightwards arrow	Glyph different
3098		<u>2BD8</u>		LEFTWARDS BACK-TILTED SHADOWED WHITE ARROW	
3099		<u>2BD9</u>		RIGHTWARDS BACK-TILTED SHADOWED WHITE ARROW → 27AB back-tilted shadowed white rightwards arrow	Glyph different
3100		<u>2BDA</u>		LEFTWARDS FRONT-TILTED SHADOWED WHITE ARROW	
3101		<u>2BDB</u>		RIGHTWARDS FRONT-TILTED SHADOWED WHITE ARROW → 27AC front-tilted shadowed white rightwards arrow	Glyph different

Sans-serif arrows

ID	glyph	UCS	glyph	Name	Comments
3102		<u>1F80C</u>		LEFTWARDS SANS-SERIF ARROW → 2190 leftwards arrow	PS style name is 'b2'
3103		<u>1F80D</u>		RIGHTWARDS SANS-SERIF ARROW → 2192 rightwards arrow	
3104		<u>1F80E</u>		UPWARDS SANS-SERIF ARROW → 2191 upwards arrow	
3105		<u>1F80F</u>		DOWNWARDS SANS-SERIF ARROW → 2193 downwards arrow	
3106		<u>1F810</u>		NORTH WEST SANS-SERIF ARROW → 2196 north west arrow	
3107		<u>1F811</u>		NORTH EAST SANS-SERIF ARROW → 2197 north east arrow	
3108		<u>1F812</u>		SOUTH WEST SANS-SERIF ARROW → 2199 south west arrow	
3109		<u>1F813</u>		SOUTH EAST SANS-SERIF ARROW → 2198 south east arrow	

ID	glyph	UCS	glyph	Name	Comments
3110	↔	<u>1F814</u>	↔	LEFT RIGHT SANS-SERIF ARROW → 2194 ↔ left right arrow	
3111	↕	<u>1F815</u>	↕	UP DOWN SANS-SERIF ARROW → 2195 ↕ up down arrow	

Triangles

ID	glyph	UCS	glyph	Name	Comments
3112	▲	25B2	▲	BLACK UP-POINTING TRIANGLE	
3113	▼	25BC	▼	BLACK DOWN-POINTING TRIANGLE	
3114	△	25B3	△	WHITE UP-POINTING TRIANGLE	
3115	▽	25BD	▽	WHITE DOWN-POINTING TRIANGLE	
3116	◀	25C0	◀	BLACK LEFT-POINTING TRIANGLE	
3117	▶	25B6	▶	BLACK RIGHT-POINTING TRIANGLE	
3118	◁	25C1	◁	WHITE LEFT-POINTING TRIANGLE	
3119	▷	25B7	▷	WHITE RIGHT-POINTING TRIANGLE	
3120	▴	25E3	▴	BLACK LOWER LEFT TRIANGLE	Triangles with 90, 45, 45 angles
3121	▵	25E2	▵	BLACK LOWER RIGHT TRIANGLE	
3122	▶	25E4	▶	BLACK UPPER LEFT TRIANGLE	
3123	▷	25E5	▷	BLACK UPPER RIGHT TRIANGLE	
3124	◀	<u>1F780</u>		BLACK LEFT-POINTING ISOCELES RIGHT TRIANGLE	See w-0051..0054
3125	▶	<u>1F781</u>		BLACK RIGHT-POINTING ISOCELES RIGHT TRIANGLE	
3126	▲	<u>1F782</u>		BLACK UP-POINTING ISOCELES RIGHT TRIANGLE	
3128	▼	<u>1F783</u>		BLACK DOWN-POINTING ISOCELES RIGHT TRIANGLE	

Geometric shapes centered

ID	glyph	UCS	glyph	Name	Comments
3129	▲	<u>2BB5</u>		BLACK MEDIUM UP-POINTING TRIANGLE CENTERED	See w-2190..2197
3130	▼	<u>2BB6</u>		BLACK MEDIUM DOWN-POINTING TRIANGLE CENTERED	
3131	◀	<u>2BB7</u>		BLACK MEDIUM LEFT-POINTING TRIANGLE CENTERED	
3132	▶	<u>2BB8</u>		BLACK MEDIUM RIGHT-POINTING TRIANGLE CENTERED	

Arrowheads

ID	glyph	UCS	glyph	Name	Comments
3133	◀	<u>2BA7</u>		BLACK LEFTWARDS EQUILATERAL ARROWHEAD	
3134	▶	<u>2BA8</u>	▶	BLACK RIGHTWARDS EQUILATERAL ARROWHEAD → 27A4 ▶ black rightwards arrowhead	Glyph different
3135	▲	<u>2BA9</u>		BLACK UPWARDS EQUILATERAL ARROWHEAD	
3136	▼	<u>2BAA</u>		BLACK DOWNWARDS EQUILATERAL ARROWHEAD	

Simple arrows various styles

ID	glyph	UCS	glyph	Name	Comments
3137	←	<u>1F818</u>		LEFTWARDS ARROW WITH SMALL EQUILATERAL ARROWHEAD	PS style name is 'c1'
3138	→	<u>1F819</u>		RIGHTWARDS ARROW WITH SMALL EQUILATERAL ARROWHEAD	
3139	↑	<u>1F81A</u>		UPWARDS ARROW WITH SMALL EQUILATERAL ARROWHEAD	
3140	↓	<u>1F81B</u>		DOWNWARDS ARROW WITH SMALL EQUILATERAL ARROWHEAD	
3141	←	<u>1F81C</u>		LEFTWARDS ARROW WITH EQUILATERAL ARROWHEAD	PS style name is 'c2'
3142	→	<u>1F81D</u>		RIGHTWARDS ARROW WITH EQUILATERAL ARROWHEAD	
3143	↑	<u>1F81E</u>		UPWARDS ARROW WITH EQUILATERAL ARROWHEAD	
3144	↓	<u>1F81F</u>		DOWNWARDS ARROW WITH EQUILATERAL ARROWHEAD	
3145	←	<u>1F820</u>		HEAVY LEFTWARDS ARROW WITH EQUILATERAL ARROWHEAD	PS style name is 'c3'
3146	→	<u>1F821</u>		HEAVY RIGHTWARDS ARROW WITH EQUILATERAL ARROWHEAD	
3147	↑	<u>1F822</u>		HEAVY UPWARDS ARROW WITH EQUILATERAL ARROWHEAD	
3148	↓	<u>1F823</u>		HEAVY DOWNWARDS ARROW WITH EQUILATERAL ARROWHEAD	
3149	◀	<u>1F824</u>		HEAVY LEFTWARDS ARROW WITH LARGE EQUILATERAL ARROWHEAD	PS style name is 'c4'
3150	▶	<u>1F825</u>		HEAVY RIGHTWARDS ARROW WITH LARGE EQUILATERAL ARROWHEAD	
3151	▲	<u>1F826</u>		HEAVY UPWARDS ARROW WITH LARGE EQUILATERAL ARROWHEAD	
3152	▼	<u>1F827</u>		HEAVY DOWNWARDS ARROW WITH LARGE EQUILATERAL ARROWHEAD	
3153	←	<u>1F800</u>		LEFTWARDS ARROW WITH SMALL TRIANGLE ARROWHEAD	PS style name is 'a1', see w-3033..
3154	→	<u>1F801</u>		RIGHTWARDS ARROW WITH SMALL TRIANGLE ARROWHEAD	
3155	↑	<u>1F802</u>		UPWARDS ARROW WITH SMALL TRIANGLE ARROWHEAD	
3156	↓	<u>1F803</u>		DOWNWARDS ARROW WITH SMALL TRIANGLE ARROWHEAD	
3157	←	<u>1F804</u>		LEFTWARDS ARROW WITH MEDIUM TRIANGLE ARROWHEAD	PS style name is 'a3'




ID	glyph	UCS	glyph	Name	Comments
3158	→	<u>1F805</u>		RIGHTWARDS ARROW WITH MEDIUM TRIANGLE ARROWHEAD	
3159	↑	<u>1F806</u>		UPWARDS ARROW WITH MEDIUM TRIANGLE ARROWHEAD	
3160	↓	<u>1F807</u>		DOWNWARDS ARROW WITH MEDIUM TRIANGLE ARROWHEAD	
3161	←	<u>1F808</u>		LEFTWARDS ARROW WITH LARGE TRIANGLE ARROWHEAD	PS style name is 'a4'
3162	➔	<u>1F809</u>		RIGHTWARDS ARROW WITH LARGE TRIANGLE ARROWHEAD	
3163	⬆	<u>1F80A</u>		UPWARDS ARROW WITH LARGE TRIANGLE ARROWHEAD	
3164	⬇	<u>1F80B</u>		DOWNWARDS ARROW WITH LARGE TRIANGLE ARROWHEAD	
3165	↔	<u>1F828</u>		LEFTWARDS TRIANGLE-HEADED ARROW WITH NARROW SHAFT	PS style name is 'd1'
3166	➡	<u>1F829</u>		RIGHTWARDS TRIANGLE-HEADED ARROW WITH NARROW SHAFT	
3167	↔	<u>1F82C</u>		LEFTWARDS TRIANGLE-HEADED ARROW WITH MEDIUM SHAFT	PS style name is 'e3'
3168	➡	<u>1F82D</u>		RIGHTWARDS TRIANGLE-HEADED ARROW WITH MEDIUM SHAFT	
3169	↔	<u>1F830</u>		LEFTWARDS TRIANGLE-HEADED ARROW WITH BOLD SHAFT	PS style name is 'f4'
3170	➡	<u>1F831</u>		RIGHTWARDS TRIANGLE-HEADED ARROW WITH BOLD SHAFT	
3171	↔	<u>1F834</u>		LEFTWARDS TRIANGLE-HEADED ARROW WITH HEAVY SHAFT	PS style name is 'g5'

Heavy arrow shaft





ID	glyph	UCS	glyph	Name	Comments
3172	▪	<u>1F87A</u>		HEAVY ARROW SHAFT WIDTH ONE	PS style name is 'g5', to be used in conjunction with 'g5' arrows
3173	▪	<u>1F87B</u>		HEAVY ARROW SHAFT WIDTH TWO THIRDS	2/3 width of w-3172
3174	▪	<u>1F87C</u>		HEAVY ARROW SHAFT WIDTH ONE HALF	1/2 width of w-3172
3175	▪	<u>1F87C</u>		HEAVY ARROW SHAFT WIDTH ONE THIRD	1/3 width of w-3172

Simple arrows various styles














ID	glyph	UCS	glyph	Name	Comments
3176	➡	<u>1F835</u>		RIGHTWARDS TRIANGLE-HEADED ARROW WITH HEAVY SHAFT	PS style name is 'g5'
3177	↔	<u>1F838</u>		LEFTWARDS TRIANGLE-HEADED ARROW WITH VERY HEAVY SHAFT	PS style name is 'h6'
3178	➡	<u>1F839</u>		RIGHTWARDS TRIANGLE-HEADED ARROW WITH VERY HEAVY SHAFT	
3179	↔	<u>1F83C</u>		LEFTWARDS FINGER-POST ARROW	PS style name is 'i8'
3180	➡	<u>1F83D</u>		RIGHTWARDS FINGER-POST ARROW	
3181	↔	<u>1F840</u>		LEFTWARDS SQUARED ARROW	PS style name is 'j6'

ID	glyph	UCS	glyph	Name	Comments
3182		<u>1F841</u>		RIGHTWARDS SQUARED ARROW	
3183		<u>1F842</u>		UPWARDS SQUARED ARROW	
3184		<u>1F843</u>		DOWNWARDS SQUARED ARROW	




Notched simple arrows









ID	glyph	UCS	glyph	Name	Comments
3185		<u>2BDC</u>		LEFTWARDS ARROW WITH NOTCHED TAIL	PS style name is 'k6'
3186		<u>2BDD</u>		RIGHTWARDS ARROW WITH NOTCHED TAIL → 27AF ⇔ notched lower right-shadowed white rightwards arrow	
3187		<u>2BDE</u>		UPWARDS ARROW WITH NOTCHED TAIL	
3188		<u>2BDF</u>		DOWNWARDS ARROW WITH NOTCHED TAIL	

Simple arrows various styles























ID	glyph	UCS	glyph	Name	Comments
3189		<u>1F844</u>		LEFTWARDS COMPRESSED ARROW	PS style name is 'l7'
3190		<u>1F845</u>		RIGHTWARDS COMPRESSED ARROW	
3191		<u>1F846</u>		UPWARDS COMPRESSED ARROW	
3192		<u>1F847</u>		DOWNWARDS COMPRESSED ARROW	
3193		<u>1F848</u>		LEFTWARDS HEAVY COMPRESSED ARROW	PS style name is 'm9'
3194		<u>1F849</u>		RIGHTWARDS HEAVY COMPRESSED ARROW → 27A7 ⇨ squat black rightwards arrow	Different size
3195		<u>1F84A</u>		UPWARDS HEAVY COMPRESSED ARROW	
3196		<u>1F84B</u>		DOWNWARDS HEAVY COMPRESSED ARROW	
3197		<u>1F84C</u>		LEFTWARDS HEAVY ARROW	PS style name is 'n7'
3198		<u>1F84D</u>		RIGHTWARDS HEAVY ARROW	
3199		<u>1F84E</u>		UPWARDS HEAVY ARROW	
3200		<u>1F84F</u>		DOWNWARDS HEAVY ARROW	





Black curved arrows

ID	glyph	UCS	glyph	Name	Comments
3201		<u>2B7E</u>		BLACK CURVED DOWNWARDS AND LEFTWARDS ARROW	
3202		<u>2B7F</u>		BLACK CURVED DOWNWARDS AND RIGHTWARDS ARROW → 27A5 ⇨ heavy black curved downwards and rightwards arrow	









ID	glyph	UCS	glyph	Name	Comments
3203		<u>2B80</u>		BLACK CURVED UPWARDS AND LEFTWARDS ARROW	
3204		<u>2B81</u>		BLACK CURVED UPWARDS AND RIGHTWARDS ARROW → 27A6  heavy black curved upwards and rightwards arrow	
3205		<u>2B82</u>		BLACK CURVED LEFTWARDS AND UPWARDS ARROW	
3206		<u>2B83</u>		BLACK CURVED RIGHTWARDS AND UPWARDS ARROW	
3207		<u>2B84</u>		BLACK CURVED LEFTWARDS AND DOWNWARDS ARROW	
3208		<u>2B85</u>		BLACK CURVED RIGHTWARDS AND DOWNWARDS ARROW	

Wide-headed simple arrows various styles

ID	glyph	UCS	glyph	Name	Comments
3209		<u>1F850</u>		WIDE-HEADED LEFTWARDS LIGHT BARB ARROW	PS style name is 'barb1'
3210		<u>1F851</u>		WIDE-HEADED RIGHTWARDS LIGHT BARB ARROW	
3211		<u>1F852</u>		WIDE-HEADED UPWARDS LIGHT BARB ARROW	
3212		<u>1F853</u>		WIDE-HEADED DOWNWARDS LIGHT BARB ARROW	
3213		<u>1F854</u>		WIDE-HEADED NORTH WEST LIGHT BARB ARROW	
3214		<u>1F855</u>		WIDE-HEADED NORTH EAST LIGHT BARB ARROW	
3215		<u>1F856</u>		WIDE-HEADED SOUTH WEST LIGHT BARB ARROW	
3216		<u>1F857</u>		WIDE-HEADED SOUTH EAST LIGHT BARB ARROW	
3217		<u>1F860</u>		WIDE-HEADED LEFTWARDS MEDIUM BARB ARROW	PS style name is 'barb3'
3218		<u>1F861</u>		WIDE-HEADED RIGHTWARDS MEDIUM BARB ARROW → 2794  heavy wide-headed rightwards arrow	
3219		<u>1F862</u>		WIDE-HEADED UPWARDS MEDIUM BARB ARROW	
3220		<u>1F863</u>		WIDE-HEADED DOWNWARDS MEDIUM BARB ARROW	
3221		<u>1F864</u>		WIDE-HEADED NORTH WEST MEDIUM BARB ARROW	
3222		<u>1F865</u>		WIDE-HEADED NORTH EAST MEDIUM BARB ARROW	
3223		<u>1F866</u>		WIDE-HEADED SOUTH WEST MEDIUM BARB ARROW	
3224		<u>1F867</u>		WIDE-HEADED SOUTH EAST MEDIUM BARB ARROW	
3225		<u>1F870</u>		WIDE-HEADED LEFTWARDS VERY HEAVY BARB ARROW	PS style name is 'barb5'
3226		<u>1F871</u>		WIDE-HEADED RIGHTWARDS VERY HEAVY BARB ARROW	
3227		<u>1F872</u>		WIDE-HEADED UPWARDS VERY HEAVY BARB ARROW	
3228		<u>1F873</u>		WIDE-HEADED DOWNWARDS VERY HEAVY BARB ARROW	

ID	glyph	UCS	glyph	Name	Comments
3229		<u>1F874</u>		WIDE-HEADED NORTH WEST VERY HEAVY BARB ARROW	
3230		<u>1F875</u>		WIDE-HEADED NORTH EAST VERY HEAVY BARB ARROW	
3231		<u>1F876</u>		WIDE-HEADED SOUTH WEST VERY HEAVY BARB ARROW	
3232		<u>1F877</u>		WIDE-HEADED SOUTH EAST VERY HEAVY BARB ARROW	

Arrowheads

ID	glyph	UCS	glyph	Name	Comments
3233		<u>2BE0</u>		LEFTWARDS TRIANGLE ARROWHEAD = draw left	Names from PS names
3234		<u>2BE1</u>		RIGHTWARDS TRIANGLE ARROWHEAD = draw right	
3235		<u>2BE2</u>		UPWARDS TRIANGLE ARROWHEAD = draw up	
3236		<u>2BE3</u>		DOWNWARDS TRIANGLE ARROWHEAD = draw down	
3237		<u>2BE4</u>		LEFTWARDS WHITE ARROW WITHIN TRIANGLE ARROWHEAD = draw double left	
3238		<u>2BE5</u>		RIGHTWARDS WHITE ARROW WITHIN TRIANGLE ARROWHEAD = draw double right	
3239		<u>2BE6</u>		UPWARDS WHITE ARROW WITHIN TRIANGLE ARROWHEAD = draw double up	
3240		<u>2BE7</u>		DOWNWARDS WHITE ARROW WITHIN TRIANGLE ARROWHEAD = draw double down	

Unicode Character properties

All characters with few exceptions have characters properties as such:

```
xxxx;yyy' ;So;ON;;;N;;;
```

with 'xxxx' being the character code point and 'yyyy' being the character name. For example:

```
23F4;BLACK MEDIUM LEFT-POINTING TRIANGLE;So;ON;;;N;;;
23F5;BLACK MEDIUM RIGHT-POINTING TRIANGLE;So;ON;;;N;;;
23F6;BLACK MEDIUM UP-POINTING TRIANGLE;So;ON;;;N;;;
```

Therefore the full data set can be constructed using the proposed code points and names provided in the rest of this document. The only exceptions are the two following proposed characters with properties as follows:

```
1F10B;DINGBAT CIRCLED SANS-SERIF DIGIT ZERO;No;0;EN;;;0;0;N;;;
1F10C;DINGBAT NEGATIVE CIRCLED SANS SERIF DIGIT ZERO;No;0;EN;;;0;0;N;;;
```

A full list will be provided by the author as appropriate, generated automatically based from the names list used in the charts.

Line breaking property

All proposed characters have the line breaking property value 'AL'.

Ordering

All new characters would be ordered either following their normalized equivalent for the DIGIT ZERO for the two new characters mentioned above, or according to other symbols for all other characters.

Confusability

None of these symbols should be used in context where confusability is a concern. For example, they should not be allowed in Internationalized Domain Names (IDN). Some of these characters are similar in shapes to already encoded symbols.

**ISO/IEC JTC 1/SC 2/WG 2
PROPOSAL SUMMARY FORM TO ACCOMPANY SUBMISSIONS
FOR ADDITIONS TO THE REPERTOIRE OF ISO/IEC 10646¹**

Please fill all the sections A, B and C below.

Please read Principles and Procedures Document (P & P) from <http://www.dkuug.dk/JTC1/SC2/WG2/docs/principles.html> for guidelines and details before filling this form.

Please ensure you are using the latest Form from <http://www.dkuug.dk/JTC1/SC2/WG2/docs/summaryform.html>.

See also <http://www.dkuug.dk/JTC1/SC2/WG2/docs/roadmaps.html> for latest Roadmaps.

A. Administrative

1. Title:	<i>Proposal for encoding Wingdings</i>
2. Requester's name:	<i>Michel Suignard</i>
3. Requester type (Member body/Liaison/Individual contribution):	<i>Individual contribution</i>
4. Submission date:	<i>5/3/2011</i>
5. Requester's reference (if applicable):	
6. Choose one of the following:	
This is a complete proposal:	<input type="checkbox"/> Yes
(or) More information will be provided later:	<input checked="" type="checkbox"/> No

B. Technical – General

1. Choose one of the following:			
a. This proposal is for a new script (set of characters):			<input type="checkbox"/> No
Proposed name of script:			
b. The proposal is for addition of character(s) to an existing block:			<input checked="" type="checkbox"/> Yes
Name of the existing block:	<i>Many, see proposal</i>		
2. Number of characters in proposal:			<i>506</i>
3. Proposed category (select one from below - see section 2.2 of P&P document):			
A-Contemporary	<input type="checkbox"/>	B.1-Specialized (small collection)	<input type="checkbox"/>
C-Major extinct	<input type="checkbox"/>	D-Attested extinct	<input type="checkbox"/>
F-Archaic Hieroglyphic or Ideographic	<input type="checkbox"/>	E-Minor extinct	<input type="checkbox"/>
		G-Obscure or questionable usage symbols	<input checked="" type="checkbox"/> x
4. Is a repertoire including character names provided?			
a. If YES, are the names in accordance with the “character naming guidelines” in Annex L of P&P document?			<input checked="" type="checkbox"/> Yes
b. Are the character shapes attached in a legible form suitable for review?			<input checked="" type="checkbox"/> Yes
5. Who will provide the appropriate computerized font (ordered preference: True Type, or PostScript format) for publishing the standard?			
			<i>Author</i>
If available now, identify source(s) for the font (include address, e-mail, ftp-site, etc.) and indicate the tools used:			
6. References:			
a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided?			<input checked="" type="checkbox"/> Yes
b. Are published examples of use (such as samples from newspapers, magazines, or other sources) of proposed characters attached?			<input type="checkbox"/> No, but indirect reference provided
7. Special encoding issues:			
Does the proposal address other aspects of character data processing (if applicable) such as input, presentation, sorting, searching, indexing, transliteration etc. (if yes please enclose information)?			<input type="checkbox"/> TBD








8. Additional Information:

Submitters are invited to provide any additional information about Properties of the proposed Character(s) or Script that will assist in correct understanding of and correct linguistic processing of the proposed character(s) or script. Examples of such properties are: Casing information, Numeric information, Currency information, Display behaviour information such as line breaks, widths etc., Combining behaviour, Spacing behaviour, Directional behaviour, Default Collation behaviour, relevance in Mark Up contexts, Compatibility equivalence and other Unicode normalization related information. See the Unicode standard at <http://www.unicode.org> for such information on other scripts. Also see <http://www.unicode.org/Public/UNIDATA/UCD.html> and associated Unicode Technical Reports for information needed for consideration by the Unicode Technical Committee for inclusion in the Unicode Standard.

¹ Form number: N3102-F (Original 1994-10-14; Revised 1995-01, 1995-04, 1996-04, 1996-08, 1999-03, 2001-05, 2001-09, 2003-11, 2005-01, 2005-09, 2005-10, 2007-03)

C. Technical - Justification


1. Has this proposal for addition of character(s) been submitted before? If YES explain	<i>No</i>
2. Has contact been made to members of the user community (for example: National Body, user groups of the script or characters, other experts, etc.)? If YES, with whom? If YES, available relevant documents:	<i>Yes</i> <i>Unicode Technical Committee</i> <i>L2/011-52R</i>
3. Information on the user community for the proposed characters (for example: size, demographics, information technology use, or publishing use) is included? Reference:	<i>Worldwide</i>
4. The context of use for the proposed characters (type of use; common or rare) Reference:	<i>common</i> <i>In the context of Microsoft Windows and Apple MacOS</i>
5. Are the proposed characters in current use by the user community? If YES, where? Reference:	<i>Yes</i> <i>Worldwide</i>
6. After giving due considerations to the principles in the P&P document must the proposed characters be entirely in the BMP? If YES, is a rationale provided? If YES, reference:	<i>No</i>
7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?	<i>No</i>
8. Can any of the proposed characters be considered a presentation form of an existing character or character sequence? If YES, is a rationale for its inclusion provided? If YES, reference:	<i>No</i>
9. Can any of the proposed characters be encoded using a composed character sequence of either existing characters or other proposed characters? If YES, is a rationale for its inclusion provided? If YES, reference:	<i>No</i> <i>Yes</i> <i>This document</i>
10. Can any of the proposed character(s) be considered to be similar (in appearance or function) to an existing character? If YES, is a rationale for its inclusion provided? If YES, reference:	<i>Yes</i> <i>Yes</i> <i>In proposal</i>
11. Does the proposal include use of combining characters and/or use of composite sequences? If YES, is a rationale for such use provided? If YES, reference: Is a list of composite sequences and their corresponding glyph images (graphic symbols) provided? If YES, reference:	<i>No</i>
12. Does the proposal contain characters with any special properties such as control function or similar semantics? If YES, describe in detail (include attachment if necessary)	<i>No</i>
13. Does the proposal contain any Ideographic compatibility character(s)? If YES, is the equivalent corresponding unified ideographic character(s) identified? If YES, reference:	<i>No</i>

	230	231	232	233	234	235	236	237	238	239	23A	23B	23C	23D	23E	23F
0																
1																
2																
3																
4																 23F4
5																 23F5
6																 23F6
7																 23F7
8																 23F8
9																 23F9
A																 23FA
B																
C																
D																
E																
F																

UTC: \$\$\$\$
 WG2: \$\$\$\$
 contact: Michel Suignard
 document:
 font:
 target:

User interface symbols

- 23F4 ◀ **BLACK MEDIUM LEFT-POINTING TRIANGLE**
 = reverse, back
 = w-0051
 • preferred to 25C0 ◀ black left-pointing triangle
- 23F5 ▶ **BLACK MEDIUM RIGHT-POINTING TRIANGLE**
 = forward
 = w-0052
 • preferred to 25B6 ▶ black right-pointing triangle
- 23F6 ▲ **BLACK MEDIUM UP-POINTING TRIANGLE**
 = increase
 = w-0053
 • preferred to 25B2 ▲ black up-pointing triangle
- 23F7 ▼ **BLACK MEDIUM DOWN-POINTING TRIANGLE**
 = decrease
 = w-0054
 • preferred to 25BC ▼ black down-pointing triangle
- 23F8 || **DOUBLE VERTICAL BAR**
 = pause
 = w-0059
- 23F9 ■ **BLACK SQUARE FOR STOP**
 = stop
 → 25FC ■ black medium square
 = w-0060
- 23FA ● **BLACK CIRCLE FOR RECORD**
 = record
 → 26AB ● medium black circle
 = w-0061













































































































































	270	271	272	273	274	275	276	277	278	279	27A	27B
0	 2700											
1												
2												
3												
4												
5												
6												
7												
8												
9												
A												
B												
C												
D												
E												
F												

UTC: \$\$\$\$
WG2: \$\$\$\$
contact: Michel Saignard
document:
font:
target:



Miscellaneous

2700 ✂ BLACK SAFETY SCISSORS
= w-2038









- form a pair with 2704 ✂ white scissors

	2B0	2B1	2B2	2B3	2B4	2B5	2B6	2B7	2B8	2B9	2BA	2BB	2BC	2BD	2BE	2BF
0																
							2B60	2B70	2B80	2B90	2BA0	2BB0		2BD0	2BE0	2BF0
1																
							2B61	2B71	2B81	2B91	2BA1	2BB1		2BD1	2BE1	2BF1
2																
							2B62	2B72	2B82	2B92	2BA2	2BB2		2BD2	2BE2	2BF2
3																
							2B63	2B73	2B83	2B93	2BA3	2BB3	2BC3	2BD3	2BE3	2BF3
4																
							2B64	2B74	2B84	2B94	2BA4	2BB4	2BC4	2BD4	2BE4	2BF4
5																
							2B65	2B75	2B85	2B95	2BA5	2BB5	2BC5	2BD5	2BE5	
6																
							2B66	2B76	2B86	2B96	2BA6	2BB6	2BC6	2BD6	2BE6	
7																
							2B67	2B77	2B87	2B97	2BA7	2BB7	2BC7	2BD7	2BE7	
8																
							2B68	2B78	2B88	2B98	2BA8	2BB8	2BC8	2BD8		
9																
							2B69	2B79	2B89	2B99	2BA9	2BB9	2BC9	2BD9	2BE9	
A																
							2B6A	2B7A	2B8A	2B9A	2BA0	2BB0		2BDA	2BEA	
B																
							2B6B	2B7B	2B8B		2BAB	2BBB	2BCB	2BDB	2BEB	
C																
							2B6C	2B7C	2B8C	2B9C	2BAC	2BBC		2BDC	2BEC	
D																
					2B4D		2B6D	2B7D	2B8D	2B9D	2BAD	2BBD	2BCD	2BDD	2BED	
E																
							2B6E	2B7E	2B8E	2B9E	2BAE	2BBE		2BDE	2BEE	
F																
							2B6F	2B7F	2B8F	2B9F		2BBF		2BDF	2BEF	

Keyboard symbol






















2B4D  UPWARDS WHITE RECTANGULAR ARROW FROM BAR WITH HORIZONTAL BAR
 = w-3089
 = caps lock
 → 21EC  upwards white arrow on pedestal with horizontal bar

Ribbon arrows









2B60  RIBBON ARROW DOWN LEFT
 = w-1195
 2B61  RIBBON ARROW DOWN RIGHT
 = w-1196
 2B62  RIBBON ARROW UP LEFT
 = w-1197
 2B63  RIBBON ARROW UP RIGHT
 = w-1198
 2B64  RIBBON ARROW LEFT UP
 = w-1199
 2B65  RIBBON ARROW RIGHT UP
 = w-1200
 2B66  RIBBON ARROW LEFT DOWN
 = w-1201
 2B67  RIBBON ARROW RIGHT DOWN
 = w-1202

Simple triangle-headed arrows

















The A2 suffix corresponds to the classification used in the Supplemental Arrows-C block 1F800-1F8FF

2B68  LEFTWARDS TRIANGLE-HEADED ARROW
 = w-3033
 → 2190  leftwards arrow
 2B69  RIGHTWARDS TRIANGLE-HEADED ARROW
 = w-3034
 → 279D  rightwards arrow
 → 2192  rightwards arrow
 2B6A  UPWARDS TRIANGLE-HEADED ARROW
 = w-3035
 → 2191  upwards arrow
 2B6B  DOWNWARDS TRIANGLE-HEADED ARROW
 = w-3036
 → 2193  downwards arrow
 2B6C  LEFT RIGHT TRIANGLE-HEADED ARROW
 = w-3049
 → 2194  left right arrow
 2B6D  UP DOWN TRIANGLE-HEADED ARROW
 = w-3050
 → 2195  up down arrow
 2B6E  NORTH WEST TRIANGLE-HEADED ARROW
 = w-3037
 → 2196  north west arrow
 2B6F  NORTH EAST TRIANGLE-HEADED ARROW
 = w-3038
 → 2197  north east arrow
 2B70  SOUTH WEST TRIANGLE-HEADED ARROW
 = w-3039
 → 2199  south west arrow
 2B71  SOUTH EAST TRIANGLE-HEADED ARROW
 = w-3040
 → 2198  south east arrow

Triangle-headed dashed arrows







2B72  LEFTWARDS TRIANGLE-HEADED DASHED ARROW
 = w-3051
 → 21E0  leftwards dashed arrow
 2B73  UPWARDS TRIANGLE-HEADED DASHED ARROW
 = w-3053
 → 21E1  upwards dashed arrow
 2B74  RIGHTWARDS TRIANGLE-HEADED DASHED ARROW
 = w-3052
 → 21E2  rightwards dashed arrow
 2B75  DOWNWARDS TRIANGLE-HEADED DASHED ARROW
 = w-3054
 → 21E3  downwards dashed arrow

Triangle-headed arrows with bent tips











2B76  DOWNWARDS TRIANGLE-HEADED ARROW WITH LONG TIP LEFTWARDS
 = w-3056
 → 21B2  downwards arrow with tip leftwards
 2B77  DOWNWARDS TRIANGLE-HEADED ARROW WITH LONG TIP RIGHTWARDS
 = w-3057
 → 21B3  downwards arrow with tip rightwards
 2B78  UPWARDS TRIANGLE-HEADED ARROW WITH LONG TIP LEFTWARDS
 = w-3058
 → 21B0  upwards arrow with tip leftwards
 2B79  UPWARDS TRIANGLE-HEADED ARROW WITH LONG TIP RIGHTWARDS
 = w-3059
 → 21B1  upwards arrow with tip rightwards
 2B7A  LEFTWARDS TRIANGLE-HEADED ARROW WITH LONG TIP UPWARDS
 = w-3060
 → 2B11  leftwards arrow with tip upwards
 2B7B  RIGHTWARDS TRIANGLE-HEADED ARROW WITH LONG TIP UPWARDS
 = w-3061
 → 2B0F  rightwards arrow with tip upwards
 2B7C  LEFTWARDS TRIANGLE-HEADED ARROW WITH LONG TIP DOWNWARDS
 = w-3062
 → 2B10  leftwards arrow with tip downwards
 2B7D  RIGHTWARDS TRIANGLE-HEADED ARROW WITH LONG TIP DOWNWARDS
 = w-3063
 → 2B0E  rightwards arrow with tip downwards

Black curved arrows



2B7E  BLACK CURVED DOWNWARDS AND LEFTWARDS ARROW
 = w-3201
 2B7F  BLACK CURVED DOWNWARDS AND RIGHTWARDS ARROW
 = w-3202
 → 27A5  heavy black curved downwards and rightwards arrow
 2B80  BLACK CURVED UPWARDS AND LEFTWARDS ARROW
 = w-3203

- 2B81  BLACK CURVED UPWARDS AND RIGHTWARDS ARROW
= w-3204
→ 27A6  heavy black curved upwards and rightwards arrow
- 2B82  BLACK CURVED LEFTWARDS AND UPWARDS ARROW
= w-3205
- 2B83  BLACK CURVED RIGHTWARDS AND UPWARDS ARROW
= w-3206
- 2B84  BLACK CURVED LEFTWARDS AND DOWNWARDS ARROW
= w-3207
- 2B85  BLACK CURVED RIGHTWARDS AND DOWNWARDS ARROW
= w-3208





Triangle-headed arrows to bar

- 2B86  LEFTWARDS TRIANGLE-HEADED ARROW TO BAR
= w-3041
= left tab
→ 21E4  leftwards arrow to bar
- 2B87  RIGHTWARDS TRIANGLE-HEADED ARROW TO BAR
= w-3042
= right tab
→ 21E5  rightwards arrow to bar
- 2B88  UPWARDS TRIANGLE-HEADED ARROW TO BAR
= w-3043
= up tab
→ 2912  upwards arrow to bar
- 2B89  DOWNWARDS TRIANGLE-HEADED ARROW TO BAR
= w-3044
= down tab
→ 2913  downwards arrow to bar
- 2B8A  NORTH WEST TRIANGLE-HEADED ARROW TO BAR
= w-3045
= home
- 2B8B  SOUTH EAST TRIANGLE-HEADED ARROW TO BAR
= w-3046
= end


Triangle-headed arrows with double horizontal stroke



- 2B8C  UPWARDS TRIANGLE-HEADED ARROW WITH DOUBLE HORIZONTAL STROKE
= w-3047
= page up
- 2B8D  DOWNWARDS TRIANGLE-HEADED ARROW WITH DOUBLE HORIZONTAL STROKE
= w-3048
= page down


Paired triangle-headed arrows

- 2B8E  LEFTWARDS TRIANGLE-HEADED ARROW OVER RIGHTWARDS TRIANGLE-HEADED ARROW
= w-3068
→ 21C6  leftwards arrow over rightwards arrow
- 2B8F  DOWNWARDS TRIANGLE-HEADED ARROW LEFTWARDS OF UPWARDS TRIANGLE-HEADED ARROW
= w-3069
→ 21C6  leftwards arrow over rightwards arrow


- 2B90  HORIZONTAL TAB KEY
= w-3070


- 2B91  VERTICAL TAB KEY
= w-3071


- 2B92  LEFTWARDS TRIANGLE-HEADED PAIRED ARROWS
= w-3072
→ 21C7  leftwards paired arrows

- 2B93  RIGHTWARDS TRIANGLE-HEADED PAIRED ARROWS
= w-3073

- 21C9  rightwards paired arrows



- 2B94  UPWARDS TRIANGLE-HEADED PAIRED ARROWS
= w-3074

- 21C8  upwards paired arrows






- 2B95  DOWNWARDS TRIANGLE-HEADED PAIRED ARROWS
= w-3075

- 21CA  downwards paired arrows

Triangle-headed zigzag arrow

- 2B96  DOWNWARDS TRIANGLE-HEADED ZIGZAG ARROW
= w-3055
→ 21AF  downwards zigzag arrow

Keyboard symbols

- 2B97  RETURN LEFT
= w-3064
→ 23CE  return symbol
- 2B98  RETURN RIGHT
= w-3065
- 2B99  NEWLINE LEFT
= w-3066
- 2B9A  NEWLINE RIGHT
= w-3067

Circled triangle-headed arrows

- 2B9C  ANTICLOCKWISE TRIANGLE-HEADED TOP U-SHAPED ARROW
= w-3076
→ 21B6  anticlockwise top semicircle arrow
- 2B9D  ANTICLOCKWISE TRIANGLE-HEADED BOTTOM U-SHAPED ARROW
= w-3077
- 2B9E  ANTICLOCKWISE TRIANGLE-HEADED LEFT U-SHAPED ARROW
= w-3078
- 2B9F  ANTICLOCKWISE TRIANGLE-HEADED RIGHT U-SHAPED ARROW
= w-3079
- 2BA0  CLOCKWISE TRIANGLE-HEADED OPEN CIRCLE ARROW
= w-3080
→ 21BB  clockwise open circle arrow
- 2BA1  ANTICLOCKWISE TRIANGLE-HEADED OPEN CIRCLE ARROW
= w-3081
→ 21BA  anticlockwise open circle arrow

Miscellaneous arrow symbol

- 2BA2  FOUR CORNER ARROWS CIRCLING ANTICLOCKWISE
= w-0096
= loop

Arrowheads

These sets are narrower than the dingbats set

- 2BA3 ◀ **THREE-D TOP-LIGHTED LEFTWARDS EQUILATERAL ARROWHEAD**
= w-1215
- 2BA4 ▶ **THREE-D TOP-LIGHTED RIGHTWARDS EQUILATERAL ARROWHEAD**
= w-1216
→ 27A2 ➤ three-d top-lighted rightwards arrowhead
- 2BA5 ▲ **THREE-D RIGHT-LIGHTED UPWARDS EQUILATERAL ARROWHEAD**
= w-1217
- 2BA6 ▼ **THREE-D LEFT-LIGHTED DOWNWARDS EQUILATERAL ARROWHEAD**
= w-1218
- 2BA7 ◀ **BLACK LEFTWARDS EQUILATERAL ARROWHEAD**
= w-3133
- 2BA8 ▶ **BLACK RIGHTWARDS EQUILATERAL ARROWHEAD**
= w-3134
→ 27A4 ➤ black rightwards arrowhead
- 2BA9 ▲ **BLACK UPWARDS EQUILATERAL ARROWHEAD**
= w-3135
- 2BAA ▼ **BLACK DOWNWARDS EQUILATERAL ARROWHEAD**
= w-3136

Circled arrows

- 2BAB ↶ **LEFTWARDS BLACK CIRCLED WHITE ARROW**
= w-1219
- 2BAC ↷ **RIGHTWARDS BLACK CIRCLED WHITE ARROW**
= w-1220
→ 27B2 ↷ circled heavy white rightwards arrow
- 2BAD ↰ **UPWARDS BLACK CIRCLED WHITE ARROW**
= w-1221
- 2BAE ↱ **DOWNWARDS BLACK CIRCLED WHITE ARROW**
= w-1222

Centered geometric shapes

- 2BB0 ■ **BLACK SQUARE CENTERED**
= w-2190
- 2BB1 ◆ **BLACK DIAMOND CENTERED**
= w-2191
- 2BB2 ⬛ **TURNUED BLACK PENTAGON**
= w-2193
- 2BB3 ● **HORIZONTAL BLACK OCTAGON**
= w-2196
= black octagon 1
- 2BB4 ● **BLACK OCTAGON**
= w-2197
= black octagon 2
- 2BB5 ▲ **BLACK MEDIUM UP-POINTING TRIANGLE CENTERED**
= w-3129
- 2BB6 ▼ **BLACK MEDIUM DOWN-POINTING TRIANGLE CENTERED**
= w-3130
- 2BB7 ◀ **BLACK MEDIUM LEFT-POINTING TRIANGLE CENTERED**
= w-3131
- 2BB8 ▶ **BLACK MEDIUM RIGHT-POINTING TRIANGLE CENTERED**
= w-3132

Half circles

- 2BB9 ◐ **TOP HALF BLACK CIRCLE**
= w-2188
- 2BBA ◑ **BOTTOM HALF BLACK CIRCLE**
= w-2189

Target symbols

- 2BBB ☉ **ROUND TARGET**
= w-1165
→ 25CE ☉ bullseye
→ 29BE ☉ circled white bullet
→ 2B57 ☉ heavy circle with circle inside
- 2BBC ◻ **SQUARE TARGET**
= w-2170
- 2BBD ⬠ **DIAMOND TARGET**
= w-2179

Heavy solidus

- 2BBE // **VERY HEAVY SOLIDUS**
= w-0047
- 2BBF \ **VERY HEAVY REVERSE SOLIDUS**
= w-0092

Shadowed geometric shapes

- 2BC3 ◌ **LOWER RIGHT SHADOWED WHITE CIRCLE**
= w-1109
= circle shadow down
→ 274D ◌ shadowed white circle
- 2BC4 ◌ **UPPER RIGHT SHADOWED WHITE CIRCLE**
= w-1166
→ 274D ◌ shadowed white circle

Cusp shapes

- 2BC5 ✧ **WHITE FOUR POINTED CUSP**
= w-1178
→ 2727 ✧ white four pointed star
- 2BC6 ⚡ **ROTATED WHITE FOUR POINTED CUSP**
= w-1179
→ 2311 ⚡ square lozenge
- 2BC7 ✦ **LIGHT FOUR POINTED BLACK CUSP**
= w-2246
→ 2726 ✦ black four pointed star
- 2BC8 ✨ **ROTATED LIGHT FOUR POINTED BLACK CUSP**
= w-2247

Position indicators

- 2BC9 ◻ **SQUARE POSITION INDICATOR**
= w-1176
= register square
→ 2316 ◻ position indicator

Diamond shape

- 2BCB ⬠ **UNCERTAINTY SIGN**
= w-1180
= query
→ 2370 ⬠ apl functional symbol quad question
→ FFFD ⬠ replacement character

Oval shape

- 2BCD ◌ **OVAl SHAPE WITH SHADOW**
= w-0212
= hole

Shaded white arrows

- 2BD0 ↶ **LEFTWARDS BOTTOM-SHADED WHITE ARROW**
= w-3090

- 2BD1 ⇨ RIGHTWARDS BOTTOM SHADED WHITE ARROW
= w-3091
- 2BD2 ⇐ LEFTWARDS TOP SHADED WHITE ARROW
= w-3092
- 2BD3 ⇨ RIGHTWARDS TOP SHADED WHITE ARROW
= w-3093
- 2BD4 ⇐ LEFTWARDS LEFT-SHADED WHITE ARROW
= w-3094
- 2BD5 ⇨ RIGHTWARDS RIGHT-SHADED WHITE ARROW
= w-3095
→ 27A9 ⇨ right-shaded white rightwards arrow
- 2BD6 ⇐ LEFTWARDS RIGHT-SHADED WHITE ARROW
= w-3096
- 2BD7 ⇨ RIGHTWARDS LEFT-SHADED WHITE ARROW
= w-3097
→ 27AA ⇨ left-shaded white rightwards arrow
- 2BD8 ⇐ LEFTWARDS BACK-TILTED SHADOWED WHITE ARROW
= w-3098
- 2BD9 ⇨ RIGHTWARDS BACK-TILTED SHADOWED WHITE ARROW
= w-3099
→ 27AB ⇐ back-tilted shadowed white rightwards arrow
- 2BDA ⇐ LEFTWARDS FRONT-TILTED SHADOWED WHITE ARROW
= w-3100
- 2BDB ⇨ RIGHTWARDS FRONT-TILTED SHADOWED WHITE ARROW
= w-3101
→ 27AC ⇐ front-tilted shadowed white rightwards arrow

Notched arrows

- 2BDC ← LEFTWARDS ARROW WITH NOTCHED TAIL
= w-3185
- 2BDD → RIGHTWARDS ARROW WITH NOTCHED TAIL
= w-3186
→ 27AF ⇨ notched lower right-shadowed white rightwards arrow
- 2BDE ↑ UPWARDS ARROW WITH NOTCHED TAIL
= w-3187
- 2BDF ↓ DOWNWARDS ARROW WITH NOTCHED TAIL
= w-3188

Arrowheads

- 2BE0 ◀ LEFTWARDS TRIANGLE ARROWHEAD
= w-3233
= draw left
- 2BE1 ▶ RIGHTWARDS TRIANGLE ARROWHEAD
= w-3234
= draw right
- 2BE2 ▲ UPWARDS TRIANGLE ARROWHEAD
= w-3235
= draw up
- 2BE3 ▼ DOWNWARDS TRIANGLE ARROWHEAD
= w-3236
= draw down
- 2BE4 ◀ LEFTWARDS WHITE ARROW WITHIN TRIANGLE ARROWHEAD
= w-3237
= draw double left
- 2BE5 ▶ RIGHTWARDS WHITE ARROW WITHIN TRIANGLE ARROWHEAD
= w-3238
= draw double right

- 2BE6 ▲ UPWARDS WHITE ARROW WITHIN TRIANGLE ARROWHEAD
= w-3239
= draw double up
- 2BE7 ▼ DOWNWARDS WHITE ARROW WITHIN TRIANGLE ARROWHEAD
= w-3240
= draw double down

Keyboard symbols

- 2BE9 ☐ UP ARROWHEAD IN A RECTANGLE BOX
= w-1121
= escape
→ 2B9B ↵ escape key
→ 2353 ☐ apl functional symbol quad up caret

Ballot symbols

- 2BEA × BALLOT SCRIPT X
= x mark
= w-2079
- 2BEB ☒ BALLOT BOX WITH SCRIPT X
= box x mark
= w-2081
- 2BEC × BALLOT BOLD SCRIPT X
= x mark bold
→ 2717 ✕ ballot x
= w-1251
- 2BED ☒ BALLOT BOX WITH BOLD SCRIPT X
= box x mark bold
= w-1253
- 2BEE ☒ BALLOT BOX WITH LIGHT X
= box x
= w-2083
→ 2612 ☒ ballot box with x
- 2BEF ⊗ CIRCLED X
= w-2085
→ 2297 ⊗ circled times
- 2BF0 ⊗ CIRCLED BOLD X
= circled x bold
= w-2086
- 2BF1 ⊘ CIRCLED REVERSE LIGHT SOLIDUS
= prohibit
= w-2087
- 2BF2 ✓ LIGHT CHECK MARK
= check
= w-2080
- 2BF3 ☑ BALLOT BOX WITH BOLD CHECK
= box mark bold
= w-1254
- 2BF4 ⇨ UPWARDS WHITE RECTANGULAR ARROW FROM BAR
= w-3088
= caps lock
• may also be a shift lock
→ 21EA ⇨ upwards white arrow from bar

	2E0	2E1	2E2	2E3	2E4	2E5	2E6	2E7
0								
1								
2								
3								
4								
5								
6								
7								
8								
9								
A								
B								
C								
D								
E								
F				☹ 2E3F				



UTC: 2011-02-09
WG2:
contact: Karl Pentzlin, Michel
Suignard
document: N3917 L2/10-361
font:
Uni2E00Supplementalpunctu
ation
target:

Historic punctuation

2E3F ¶ CAPITULUM

= w-2132

- ancestor of the pilcrow sign
- 00B6 ¶ pilcrow sign

	1F10	1F11	1F12	1F13	1F14	1F15	1F16	1F17	1F18	1F19	1F1A	1F1B	1F1C	1F1D	1F1E	1F1F
0																
1																
2																
3																
4																
5																
6																
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9																
A																
B	 1F10B															
C	 1F10C															
D																
E																
F																









UTC: \$\$\$\$
WG2: \$\$\$\$
contact: Michel Suignard
document: L2/11-052
font:
target:

Circled sans-serif digits


*These digits complements the sans-serif digit sets in the
Dingbat block 2780-2789 and 278A-2793*

1F10B © DINGBAT CIRCLED SANS-SERIF DIGIT ZERO
= w-1128

































































































1F10C ❶ DINGBAT NEGATIVE CIRCLED SANS SERIF DIGIT
ZERO
= w-1139

	1F30	1F31	1F32	1F33	1F34	1F35	1F36	1F37	1F38	1F39	1F3A	1F3B	1F3C	1F3D	1F3E	1F3F
0																
1																
2																
3																
4										 1F394						
5															 1F3F5	
6			 1F336												 1F3F6	
7																
8																
9																
A																
B																
C																
D			 1F32D							 1F39D						
E								 1F37E								
F		 1F32F														


1F40 1F41 1F42 1F43 1F44 1F45 1F46 1F47 1F48 1F49 1F4A 1F4B 1F4C 1F4D 1F4E 1F4F


0															
1				 1F41											
2															
3															
4															
5															
6															
7															
8															
9															
A															
B															
C															
D															
E															
F															

1F50 1F51 1F52 1F53 1F54 1F55 1F56 1F57 1F58 1F59 1F5A 1F5B 1F5C 1F5D 1F5E 1F5F

0															
							1F570		1F590		1F5B0	1F5C0		1F5E0	
1															
							1F571	1F581	1F591		1F5B1	1F5C1		1F5E1	
2															
									1F592		1F5B2	1F5C2	1F5D2	1F5E2	
3															
								1F583	1F593		1F5B3		1F5D3	1F5E3	
4															
								1F584	1F594		1F5B4		1F5D4	1F5E4	
5															
								1F585	1F595		1F5B5		1F5D5	1F5E5	
6															
			1F546					1F586	1F596		1F5B6		1F5D6	1F5E6	
7															
			1F547					1F587	1F597		1F5B7		1F5D7	1F5E7	
8															
			1F548				1F578	1F588	1F598		1F5B8		1F5D8	1F5E8	
9															
			1F549				1F579	1F589	1F599		1F5B9		1F5D9	1F5E9	
A															
								1F58A	1F59A		1F5BA		1F5DA	1F5EA	
B															
							1F56B	1F58B	1F59B		1F5BB		1F5DB	1F5EB	
C															
							1F56C	1F57C	1F58C	1F59C	1F5AC	1F5BC	1F5DC	1F5EC	
D															
							1F56D	1F57D	1F58D		1F5AD	1F5BD	1F5DD	1F5ED	
E															
							1F56E		1F58E		1F5AE	1F5BE	1F5DE	1F5EE	
F															
							1F56F		1F58F		1F5AF	1F5BF	1F5DF	1F5EF	

UTC: \$\$\$\$
 WG2: 2010-10-04
 contact: Michael Everson
 document: N3923 N3924
 L2/10-395 L2/11-031
 font: Uni1F300
 target: Amd 1

1F32D  THERMOMETER
 = temperature, warm
 = w-0225

1F32E  <reserved>

1F32F  BLACK DROPLET
 = droplet
 = w-1083
 → 1F4A7  droplet



Plant symbols

1F336  HOT PEPPER
 = hot
 = w-0044




Food symbol

1F37E  FORK AND KNIFE WITH BLACK PLATE
 = dining
 = w-0228
 → 1F374  fork and knife




Celebration symbols

1F394  HEART WITH TIP ON THE LEFT
 = favorite
 = w-0089
 → 2665  black heart suit

Entertainment symbols

1F39D  MUSICAL PERFORMANCE
 = music, musical background
 = w-0175
 • always ascending, unlike 266C 
 → 266C  beamed sixteenth notes

Miscellaneous symbols







1F3F5  REMINDER RIBBON
 = w-0045
 1F3F6  CROSSED TOOLS
 = tools, repair facility
 = w-0064
 → 2692  hammer and pick

Facial part symbols


1F441  EYE
 = sight
 = w-0078


Audio and video symbols



Religious symbols



1F546  WHITE LATIN CROSS
 = cross outline
 = w-1085
 → 271E  shadowed white latin cross
 1F547  HEAVY LATIN CROSS
 = w-2134
 1F548  CELTIC CROSS
 = w-1087
 1F549  OM SYMBOL
 = w-1092
 • devanagari font type independent
 → 0950  devanagari om

Miscellaneous symbols

1F56B  RINGING BELL
 = w-1037
 → 1F514  bell
 1F56C  CANDLE
 = w-1039

1F56D  BLACK SKULL AND CROSSBONES
 = skull and crossbones
 = w-1078
 → 2620  skull and crossbones

1F56E  WAVING WHITE FLAG
 = flag
 = w-1079
 → 2690  white flag

1F56F  PENNANT
 = w-1080
 → 1F6A9  triangular flag on post





















Animal symbols

1F570  SPIDER
 = w-0033
 1F571  SPIDER WEB
 = w-0034

Plant symbols

1F578  ROSETTE
 = w-1123
 → 2740  white florette
 1F579  BLACK ROSETTE
 = w-1124
 → 2741  eight petalled outlined black florette

Communication symbols

1F57C  RIGHT SPEAKER
 = sound left
 = w-0087
 1F57D  LEFT HAND TELEPHONE RECEIVER
 = phone
 = w-0197
 → 1F4DE  telephone receiver
 1F57E  <reserved>
 1F57F  <reserved>
 1F580  <reserved>
 1F581  BLACK TOUCHTONE TELEPHONE
 = telephone solid
 = w-1040
 → 260E  black telephone
 1F582  <reserved>
 1F583  BACK OF ENVELOPE
 = w-1042
 → 2709  envelope
 • 2709  shows a seal
 1F584  STAMPED ENVELOPE
 = mail
 = w-0155
 = w-1043
 1F585  BLACK ENVELOPE WITH WHITE LIGHTNING
 = e-mail
 = w-0153
 → 1F4E7  e-mail symbol
 1F586  FLYING ENVELOPE
 = send message
 = w-0154
 → 1F4E9  envelope with downwards arrow above
 1F587  PEN OVER STAMPED ENVELOPE
 = write
 = w-0156
 1F588  WHITE TOUCHTONE TELEPHONE
 = telephone
 = w-2039
 → 260F  white telephone

1F589 📞 RIGHT HAND TELEPHONE RECEIVER
= telephone handset
= w-2040

Hand symbols

1F58A ✍️ LEFT WRITING HAND
= w-1064
→ 270D 🖊️ writing hand

1F58B 🙌 TURNED OK HAND SIGN
= w-1066
→ 1F44C 🙌 ok hand sign

1F58C 🇮🇵 WHITE DOWN POINTING LEFT HAND INDEX
= w-1072
→ 261F 🇮🇵 white down pointing index
→ 1F447 🇮🇵 white down pointing backhand index

1F58D 🙋 RAISED HAND WITH FINGERS SPLAYED
= halt
= w-1073
→ 270B 🙋 raised hand

1F58E 🙌 REVERSED THUMBS UP SIGN
= w-2060
→ 1F44D 🙌 thumbs up sign

1F58F 🙋 REVERSED THUMBS DOWN SIGN
= w-2061
→ 1F44E 🙋 thumbs down sign

1F590 🇮🇵 SIDWAYS WHITE LEFT POINTING INDEX
= w-2062
→ 261C 🇮🇵 white left pointing index

1F591 🇮🇵 SIDWAYS WHITE RIGHT POINTING INDEX
= w-2063
→ 261E 🇮🇵 white right pointing index

1F592 🇮🇵 SIDWAYS BLACK LEFT POINTING INDEX
= w-2064

1F593 🇮🇵 SIDWAYS BLACK RIGHT POINTING INDEX
= w-2065

1F594 🇮🇵 BLACK LEFT POINTING BACKHAND INDEX
= w-2068
→ 1F448 🇮🇵 white left pointing backhand index

1F595 🇮🇵 BLACK RIGHT POINTING BACKHAND INDEX
= w-2069
→ 1F449 🇮🇵 white right pointing backhand index

1F596 🇮🇵 SIDWAYS WHITE UP POINTING INDEX
= w-2070
→ 261D 🇮🇵 white up pointing index

1F597 🇮🇵 SIDWAYS WHITE DOWN POINTING INDEX
= w-2071
→ 261F 🇮🇵 white down pointing index

1F598 🇮🇵 SIDWAYS BLACK UP POINTING INDEX
= w-2072

1F599 🇮🇵 SIDWAYS BLACK DOWN POINTING INDEX
= w-2073

1F59A 🇮🇵 BLACK UP POINTING BACKHAND INDEX
= w-2076
→ 1F446 🇮🇵 white up pointing backhand index

1F59B 🇮🇵 BLACK DOWN POINTING BACKHAND INDEX
= w-2077
→ 1F447 🇮🇵 white down pointing backhand index

1F59C 🙋 REVERSED RAISED HAND WITH FINGERS SPLAYED
= w-2078

Computer symbols

1F5AC 🖥️ DESKTOP COMPUTER
= tower computer
= w-0192

1F5AD 🖱️ KEYBOARD AND MOUSE
= w-0193
→ 2328 🖱️ keyboard

1F5AE 🌐 THREE NETWORKED COMPUTERS
= computer network
= w-0194

1F5AF 🖨️ PRINTER
= w-0202
→ 1F4E0 🖨️ fax machine

1F5B0 🧮 POCKET CALCULATOR
= calculator
= w-0203

1F5B1 🖠 BLACK HARD SHELL FLOPPY DISK
= disk
= w-0205
→ 1F4BE 🖠 floppy disk

1F5B2 🖠 WHITE HARD SHELL FLOPPY DISK
= w-1060
→ 1F4BE 🖠 floppy disk

1F5B3 🖠 SOFT SHELL FLOPPY DISK
= w-1061
→ 1F4BE 🖠 floppy disk

1F5B4 📼 TAPE CARTRIDGE
= w-2057

1F5B5 🖱️ WIRED KEYBOARD
= keyboard
= w-1055
→ 2328 🖱️ keyboard

1F5B6 🖱️ ONE BUTTON MOUSE
= w-2058

1F5B7 🖱️ TWO BUTTON MOUSE
= w-1056

1F5B8 🖱️ THREE BUTTON MOUSE
= w-2059

1F5B9 🎱 TRACKBALL
= w-1057
= ballpoint

1F5BA 🖥️ OLD PERSONAL COMPUTER
= personal computer
= w-1058
→ 1F4BB 🖥️ personal computer

1F5BB 🖠 HARD DISK
= w-1059

1F5BC 🖥️ SCREEN
= monitor
= w-2053
→ 20E2 🖥️ combining enclosing screen



























































1F5BD 🖨️ PRINTER ICON
= w-2054
→ 1F5AF 🖨️ printer

















































1F5BE 🖨️ FAX ICON
= w-2055
→ 1F4E0 🖨️ fax machine

1F5BF 📀 OPTICAL DISC ICON
= compact disc
= w-2056
→ 1F4BF 📀 optical disc

Office symbols









1F5C0 📄 DOCUMENT WITH TEXT
= w-0157

1F5C1		DOCUMENT WITH TEXT AND PICTURE = w-0158	1F5DD		FILE CABINET = w-1053
1F5C2		DOCUMENT WITH PICTURE = graphic document = w-0159	1F5DE		EMPTY NOTE = file1 = w-2041
1F5C3		<reserved>	1F5DF		EMPTY NOTE PAGE = file = w-2042
1F5C4		<reserved>	1F5E0		EMPTY NOTE PAD = file3 = w-2043
1F5C5		<reserved>	1F5E1		NOTE = file text1 = w-2044
1F5C6		<reserved>	1F5E2		NOTE PAGE = file text = w-2045
1F5C7		<reserved>	1F5E3		NOTE PAD = file text3 = w-2046
1F5C8		<reserved>	1F5E4		EMPTY DOCUMENT = tall file1 = w-2047
1F5C9		<reserved>	1F5E5		EMPTY PAGE = tall file = w-2048
1F5CA		<reserved>	1F5E6		EMPTY PAGES = tall file3 = w-2049
1F5CB		<reserved>	1F5E7		DOCUMENT = tall file with text 1 = w-1050 → 1F4C4  page facing up
1F5CC		<reserved>	1F5E8		PAGE = tall file with text = w-1051 → 1F4C3 
1F5CD		<reserved>	1F5E9		PAGES = tall file with text 3 = w-1052
1F5CE		<reserved>	1F5EA		WASTEBASKET = trashcan = w-2051
1F5CF		<reserved>	1F5EB		DESKTOP WINDOW = w-2052
1F5D0		<reserved>	1F5EC		MINIMIZE = w-0048
1F5D1		<reserved>	1F5ED		MAXIMIZE = w-0049
1F5D2		LOWER LEFT PENCIL = pencil = w-1033 → 270E 	1F5EE		OVERLAP = tile windows = w-0050
1F5D3		LOWER LEFT BALLPOINT PEN = ballpoint pen = w-2033 → 270E 	1F5EF		FONT SIZE SIGN = w-0062
1F5D4		LOWER LEFT FOUNTAIN PEN = fountain pen = w-2034 → 2711 	Map symbol		
1F5D5		LOWER LEFT PAINTBRUSH = brush = w-2035	1F5FA		WORLD MAP = w-0251
1F5D6		LOWER LEFT CRAYON = crayon = w-2036			
User interface symbols					
1F5D7		LINKED PAPERCLIPS = links = w-0039 → 1F4CE 			
1F5D8		CLOCKWISE RIGHT AND LEFT SEMICIRCLE ARROWS = refresh = w-0113 → 1F503 			
1F5D9		CANCELLATION-X = close = w-0114 → 274C 			
1F5DA		FOLDER = directory = w-1048 → 1F4C1 			
1F5DB		BLACK FOLDER = folder = w-0204			
1F5DC		OPEN FOLDER = w-1049 → 1F4C2 			









	1F65	1F66	1F67
0	 1F650	 1F660	 1F670
1	 1F651	 1F661	 1F671
2	 1F652	 1F662	 1F672
3	 1F653	 1F663	 1F673
4	 1F654	 1F664	 1F674
5	 1F655	 1F665	 1F675
6	 1F656	 1F666	 1F676
7	 1F657	 1F667	 1F677
8	 1F658	 1F668	 1F678
9	 1F659	 1F669	 1F679
A	 1F65A	 1F66A	 1F67A
B	 1F65B	 1F66B	
C	 1F65C	 1F66C	
D	 1F65D	 1F66D	
E	 1F65E	 1F66E	
F	 1F65F	 1F66F	

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 WG2: \$\$\$\$
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 document:
 font:
 target:









Leaf symbols

- 1F650  NORTH WEST LEAF
 = w-1209
- 1F651  SOUTH WEST LEAF
 = w-1210
- 1F652  NORTH EAST LEAF
 = w-1211
- 1F653  SOUTH EAST LEAF
 = w-1212
- 1F654  TURNED NORTH WEST LEAF
 = w-1206
- 1F655  TURNED SOUTH WEST LEAF
 = w-1205
- 1F656  TURNED NORTH EAST LEAF
 = w-1208
- 1F657  TURNED SOUTH EAST LEAF
 = w-1207




Vine Leaf symbols


- 1F658  NORTH WEST POINTING VINE LEAF
 = w-2102
- 1F659  SOUTH WEST POINTING VINE LEAF
 = w-2103
- 1F65A  NORTH EAST POINTING VINE LEAF
 = w-2101
- 1F65B  SOUTH EAST POINTING VINE LEAF
 = w-2104
- 1F65C  HEAVY NORTH WEST POINTING VINE LEAF
 = w-1155
- 1F65D  HEAVY SOUTH WEST POINTING VINE LEAF
 = w-1156
- 1F65E  HEAVY NORTH EAST POINTING VINE LEAF
 = w-1154
- 1F65F  HEAVY SOUTH EAST POINTING VINE LEAF
 = w-1157

Pointing bud symbols






- 1F660  NORTH WEST POINTING BUD
 = w-1151
- 1F661  SOUTH WEST POINTING BUD
 = w-1152
- 1F662  NORTH EAST POINTING BUD
 = w-1150
- 1F663  SOUTH EAST POINTING BUD
 = w-1153
- 1F664  HEAVY NORTH WEST POINTING BUD
 = w-2098
- 1F665  HEAVY SOUTH WEST POINTING BUD
 = w-2099
- 1F666  HEAVY NORTH EAST POINTING BUD
 = w-2097
- 1F667  HEAVY SOUTH EAST POINTING BUD
 = w-2100

Quilt squares







- 1F668  HOLLOW QUILT SQUARE ORNAMENT
 = w-2147
- 1F669  HOLLOW QUILT SQUARE ORNAMENT IN BLACK SQUARE
 = w-2148
- 1F66A  SOLID QUILT SQUARE ORNAMENT
 = w-1203
 = fourfold knot ornament

- 1F66B  SOLID QUILT SQUARE ORNAMENT IN BLACK SQUARE
 = w-1204
 = inverse fourfold knot ornament

Rocket ornaments

- 1F66C  LEFTWARDS ROCKET
 = w-0247
 → 1F680  rocket
- 1F66D  RIGHTWARDS ROCKET
 = w-0248
- 1F66E  UPWARDS ROCKET
 = w-0249
- 1F66F  DOWNWARDS ROCKET
 = w-0250

ET ligature and ampersands


- 1F670  LIGATURE ET
 = w-1106
 = italic ampersand lower case
- 1F671  BOLD LIGATURE ET
 = w-2089
- 1F672  SANS-SERIF AMPERSAND
 = w-2091
- 1F673  BOLD SANS-SERIF AMPERSAND
 = w-2092
- 1F674  BOLD AMPERSAND
 = w-2090
- 1F675  SWASH AMPERSAND
 = w-1107
 = italic ampersand

Quotation marks

- 1F676 “ SANS-SERIF HEAVY DOUBLE TURNED COMMA QUOTATION MARK ORNAMENT
 = w-1125
 → 275D “ heavy double turned comma quotation mark ornament
- 1F677 ” SANS-SERIF HEAVY DOUBLE COMMA QUOTATION MARK ORNAMENT
 = w-1126
 → 275E ” heavy double comma quotation mark ornament

Interrobang symbols

































































































































- 1F678  BOLD INTERROBANG
 = w-2094
- 1F679  SANS-SERIF INTERROBANG
 = w-2095
- 1F67A  BOLD SANS-SERIF INTERROBANG
 = w-2096

	1F68	1F69	1F6A	1F6B	1F6C	1F6D	1F6E	1F6F
0								
1								
2								
3								
4								
5								
6							 1F6E6	
7								
8								
9								
A								
B								
C								
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E								
F								

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Signages and other symbols

1F6E6 ⓘ CIRCLED INFORMATION SOURCE
= information
= w-0105

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0	 1F780	 1F790	 1F7A0	 1F7B0	 1F7C0	 1F7D0	 1F7E0	 1F7F0
1	 1F781	 1F791	 1F7A1	 1F7B1	 1F7C1	 1F7D1	 1F7E1	
2	 1F782		 1F7A2		 1F7C2	 1F7D2		
3	 1F783	 1F793	 1F7A3	 1F7B3	 1F7C3	 1F7D3	 1F7E3	
4			 1F7A4		 1F7C4	 1F7D4		
5		 1F795	 1F7A5		 1F7C5	 1F7D5		
6	 1F786		 1F7A6		 1F7C6	 1F7D6	 1F7E6	
7		 1F797	 1F7A7	 1F7B7	 1F7C7	 1F7D7	 1F7E7	
8				 1F7B8	 1F7C8	 1F7D8	 1F7E8	
9			 1F7A9	 1F7B9	 1F7C9	 1F7D9	 1F7E9	
A				 1F7BA	 1F7CA	 1F7DA	 1F7EA	
B				 1F7BB	 1F7CB	 1F7DB	 1F7EB	
C				 1F7BC	 1F7CC	 1F7DC	 1F7EC	
D	 1F78D	 1F79D	 1F7AD	 1F7BD	 1F7CD	 1F7DD	 1F7ED	
E	 1F78E	 1F79E	 1F7AE	 1F7BE	 1F7CE	 1F7DE		
F	 1F78F	 1F79F	 1F7AF		 1F7CF	 1F7DF	 1F7EF	

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These geometric shapes are originated from the Webdings/Wingdings collections. Many of these geometric shapes have been unified with characters from other blocks. They are presented as cross references in the empty cells.

Isoceles right triangles

- 1F780 ◀ BLACK LEFT-POINTING ISOCELES RIGHT TRIANGLE
 = w-3124
- 1F781 ▶ BLACK RIGHT-POINTING ISOCELES RIGHT TRIANGLE
 = w-3125
- 1F782 ▲ BLACK UP-POINTING ISOCELES RIGHT TRIANGLE
 = w-3126
- 1F783 ▼ BLACK DOWN-POINTING ISOCELES RIGHT TRIANGLE
 = w-3128

Black circles

- 1F784 ◻ <reserved>
 = black circle 1
 = black tiny circle
 → 22C5 • dot operator
 = w-2149
- 1F785 ◻ <reserved>
 = black very small circle
 = black circle 2
 = w-1158
 → 2219 • bullet operator
- 1F786 • BLACK SLIGHTLY SMALL CIRCLE
 = black circle 3
 = w-2150
- 1F787 ◻ <reserved>
 = black small circle
 = black circle 4
 = w-1159
 → 2022 • bullet
- 1F788 ◻ <reserved>
 = black medium small circle
 = black circle 5
 → 2981 • z notation spot
 = w-2151
- 1F789 ◻ <reserved>
 = black medium circle
 = black circle 6
 = w-1108
 → 26AB ● medium black circle
- 1F78A ◻ <reserved>
 = black circle 7
 = w-2152
 → 25CF ● black circle

White circles

- 1F78B ◻ <reserved>
 = ring 1
 = w-2153
 → 25CB ○ white circle
- 1F78C ◻ <reserved>
 = ring 2
 = w-1161
 → 2B58 ○ heavy circle
- 1F78D ○ MEDIUM WHITE CIRCLE
 = ring 3
 = w-2154

- 1F78E ○ BOLD WHITE CIRCLE
 = ring 4
 = w-1162
 = very heavy circle
- 1F78F ○ HEAVY WHITE CIRCLE
 = ring 5
 = w-2155
- 1F790 ○ VERY HEAVY WHITE CIRCLE
 = ring 6
 = w-1163
- 1F791 ○ EXTREMELY HEAVY WHITE CIRCLE
 = ring 7
 = w-2156

White circles containing another black circle

- 1F792 ◻ ◻ <reserved>
 = ring button 1
 = w-2157
 → 2299 ○ circled dot operator
- 1F793 ○ WHITE CIRCLE CONTAINING BLACK SMALL CIRCLE
 = ring button 2
 = w-1164
- 1F794 ◻ ◻ <reserved>
 = ring button 3
 = w-2158
 → 29BF ● circled bullet

Black squares

- 1F795 • BLACK TINY SQUARE
 = black square 1
 = w-2159
- 1F796 ◻ ◻ <reserved>
 = black square 2
 = w-1160
 → 2B1D • black very small square
- 1F797 ▪ BLACK SLIGHTLY SMALL SQUARE
 = black square 3
 = w-2160
- 1F798 ◻ ◻ <reserved>
 = black square 4
 = w-1167
 → 25AA ▪ black small square
- 1F799 ◻ ◻ <reserved>
 = black square 5
 → 25FE ▪ black medium small square
 = w-2161
- 1F79A ◻ ◻ <reserved>
 = black square 6
 → 25FC ▪ black medium square
 = w-1110
- 1F79B ◻ ◻ <reserved>
 = black square 7
 = w-2162
 → 25A0 ▪ black square

White squares

- 1F79C ◻ ◻ <reserved>
 = box 1
 = w-2163
 → 25A1 □ white square
- 1F79D □ LIGHT WHITE SQUARE
 = box 2
 = w-1168
- 1F79E □ MEDIUM WHITE SQUARE
 = box 3
 = w-1111

1F79F  BOLD WHITE SQUARE

= box 4
= w-1112
= heavy white square

1F7A0  HEAVY WHITE SQUARE


= box 5
= w-2164

1F7A1  VERY HEAVY WHITE SQUARE

= box 6
= w-2165

1F7A2  EXTREMELY HEAVY WHITE SQUARE

= box 7
= w-2166

White squares containing another black square1F7A3  WHITE SQUARE CONTAINING BLACK VERY SMALL SQUARE

= box button 1
= w-2167

1F7A4  WHITE SQUARE CONTAINING BLACK SMALL SQUARE

= box button 2
= w-2168

1F7A5  WHITE SQUARE CONTAINING BLACK MEDIUM SQUARE


= box button 3
= w-2169


Black diamonds1F7A6  BLACK TINY DIAMOND

= black diamond 1
= w-2171

1F7A7  BLACK VERY SMALL DIAMOND


= black diamond 2
= w-2172


1F7A8  <reserved>


= black diamond 3
→ 2B29  black small diamond
= w-2173


1F7A9  BLACK MEDIUM SMALL DIAMOND


= black diamond 4
= w-1119

1F7AA  <reserved>

= black diamond 5
→ 2B25  black medium diamond
= w-2174

1F7AB  <reserved>

= black diamond 6
= w-1117
→ 25C6  black diamond

White diamonds containing another black diamond1F7AD  WHITE DIAMOND CONTAINING BLACK VERY SMALL DIAMOND

= diamond button 1
= w-2176

1F7AE  WHITE DIAMOND CONTAINING BLACK SMALL DIAMOND


= diamond button 2
= w-2177

1F7AF  WHITE DIAMOND CONTAINING BLACK MEDIUM DIAMOND

= diamond button 3
= w-2178


Lozenges1F7B0  BLACK TINY LOZENGE

= black lozenge 1
= w-2180

1F7B1  BLACK VERY SMALL LOZENGE


= black lozenge 2
= w-2181


1F7B2  <reserved>

= black lozenge 3
→ 2B2A  black small lozenge
= w-2182


1F7B3  BLACK MEDIUM SMALL LOZENGE

= black lozenge 4
= w-1115


1F7B4  <reserved>


= black lozenge 5
= w-2183
→ 2B27  black medium lozenge

1F7B5  <reserved>

= black lozenge 6
= w-1116
→ 29EB  black lozenge

1F7B6  <reserved>

= white lozenge
→ 25CA  lozenge
= w-2184

White lozenge containing another black lozenge1F7B7  WHITE LOZENGE CONTAINING BLACK SMALL LOZENGE

= lozenge button
= w-2185

Greek crosses1F7B8  THIN GREEK CROSS

= cross 1
= w-2198

1F7B9  LIGHT GREEK CROSS


= cross 2
= w-2199

1F7BA  MEDIUM GREEK CROSS


= cross 3
= w-2200

1F7BB  BOLD GREEK CROSS

= cross 4
= w-2201

1F7BC  VERY BOLD GREEK CROSS

= cross 5
= w-2202

1F7BD  VERY HEAVY GREEK CROSS

= cross 6
= w-2203

1F7BE  EXTREMELY HEAVY GREEK CROSS

= cross 7
= w-2204

Saltires1F7C0  THIN SALTIRE

= x 1
= w-2205

1F7C1  LIGHT SALTIRE

= x 2
= w-2206

1F7C2  MEDIUM SALTIRE

= x 3
= w-2207

- 1F7C3 ✕ BOLD SALTIRE
= x 4
= w-2208
- 1F7C4 ✕ HEAVY SALTIRE
= x 5
= w-2209
- 1F7C5 ✕ VERY HEAVY SALTIRE
= x 6
= w-2210
- 1F7C6 ✕ EXTREMELY HEAVY SALTIRE
= x 7
= w-2211

Five spoked asterisks

- 1F7C7 ✧ LIGHT FIVE SPOKED ASTERISK
= w-2212
- 1F7C8 ✧ MEDIUM FIVE SPOKED ASTERISK
= w-2213
- 1F7C9 ✧ BOLD FIVE SPOKED ASTERISK
= w-2214
- 1F7CA ✧ HEAVY FIVE SPOKED ASTERISK
= w-2215
- 1F7CB ✧ VERY HEAVY FIVE SPOKED ASTERISK
= w-2216
- 1F7CC ✧ EXTREMELY HEAVY FIVE SPOKED ASTERISK
= w-2217

Six spoked asterisks

- 1F7CD ✧ LIGHT SIX SPOKED ASTERISK
= w-2218
- 1F7CE ✧ MEDIUM SIX SPOKED ASTERISK
= w-2219
- 1F7CF ✧ BOLD SIX SPOKED ASTERISK
= w-2220
- 1F7D0 ✧ HEAVY SIX SPOKED ASTERISK
= w-2221
- 1F7D1 ✧ VERY HEAVY SIX SPOKED ASTERISK
= w-2222
- 1F7D2 ✧ EXTREMELY HEAVY SIX SPOKED ASTERISK
= w-2223

Eight spoked asterisks

- 1F7D3 ✧ LIGHT EIGHT SPOKED ASTERISK
= w-2224
- 1F7D4 ✧ MEDIUM EIGHT SPOKED ASTERISK
= w-2225
- 1F7D5 ✧ BOLD EIGHT SPOKED ASTERISK
= w-2226
- 1F7D6 ✧ HEAVY EIGHT SPOKED ASTERISK
= w-2227
- 1F7D7 ✧ VERY HEAVY EIGHT SPOKED ASTERISK
= w-2228

Three pointed stars

- 1F7D8 ✧ LIGHT THREE POINTED BLACK STAR
= w-2229
- 1F7D9 ✧ MEDIUM THREE POINTED BLACK STAR
= w-1169
- 1F7DA ✧ THREE POINTED BLACK STAR
= w-2230
- 1F7DB ✧ MEDIUM THREE POINTED PINWHEEL STAR
= w-2241

Four pointed stars


- 1F7DC ✧ LIGHT FOUR POINTED BLACK STAR
= w-2231

- 1F7DD ✧ MEDIUM FOUR POINTED BLACK STAR
= w-1170
- 1F7DE ✧ FOUR POINTED BLACK STAR
= w-2232
• 2726 ✧ black four pointed star is a cusp
→ 2726 ✧ black four pointed star
- 1F7DF ✧ MEDIUM FOUR POINTED PINWHEEL STAR
= w-2242
- 1F7E0 ✧ REVERSE LIGHT FOUR POINTED PINWHEEL STAR
= w-0108
= navigate

Five pointed stars

- 1F7E1 ✧ LIGHT FIVE POINTED BLACK STAR
= w-2233
- 1F7E2  <reserved>
= five pointed black star
= w-1171
→ 2605 ✧ black star
- 1F7E3 ✧ HEAVY FIVE POINTED BLACK STAR
= w-2234
- 1F7E4  <reserved>
= w-2243
→ 272F ✧ pinwheel star

Six pointed stars




















- 1F7E5  <reserved>
= light six pointed black star
= w-2235
→ 2736 ✧ six pointed black star
- 1F7E6 ✧ MEDIUM SIX POINTED BLACK STAR
= w-1172
- 1F7E7 ✧ HEAVY SIX POINTED BLACK STAR
= w-2236
- 1F7E8 ✧ SIX POINTED PINWHEEL STAR
= W-2244

Eight pointed stars

- 1F7E9 ✧ MEDIUM EIGHT POINTED BLACK STAR
= w-2237
- 1F7EA ✧ HEAVY EIGHT POINTED BLACK STAR
= w-1173
→ 2738 ✧ heavy eight pointed rectilinear black star
- 1F7EB ✧ VERY HEAVY EIGHT POINTED BLACK STAR
= w-2238
- 1F7EC ✧ HEAVY EIGHT POINTED PINWHEEL STAR
= w-1175
→ 2735 ✧ eight pointed pinwheel star

Twelve pointed stars

- 1F7ED ✧ LIGHT TWELVE POINTED BLACK STAR
= w-2239
- 1F7EE  <reserved>
= w-2240
→ 2739 ✧ twelve pointed black star
- 1F7EF ✧ HEAVY TWELVE POINTED BLACK STAR
= w-1174
- 1F7F0 ✧ HEAVY TWELVE POINTED PINWHEEL STAR
= w-2245

	1F80	1F81	1F82	1F83	1F84	1F85	1F86	1F87	1F88	1F89	1F8A	1F8B	1F8C	1F8D	1F8E	1F8F
0	 1F800	 1F810	 1F820	 1F830	 1F840	 1F850	 1F860	 1F870	 1F880							
1	 1F801	 1F811	 1F821	 1F831	 1F841	 1F851	 1F861	 1F871	 1F881							
2	 1F802	 1F812	 1F822		 1F842	 1F852	 1F862	 1F872	 1F882							
3	 1F803	 1F813	 1F823		 1F843	 1F853	 1F863	 1F873	 1F883							
4	 1F804	 1F814	 1F824	 1F834	 1F844	 1F854	 1F864	 1F874	 1F884							
5	 1F805	 1F815	 1F825	 1F835	 1F845	 1F855	 1F865	 1F875	 1F885							
6	 1F806		 1F826		 1F846	 1F856	 1F866	 1F876	 1F886							
7	 1F807		 1F827		 1F847	 1F857	 1F867	 1F877	 1F887							
8	 1F808	 1F818	 1F828	 1F838	 1F848	 1F858	 1F868	 1F878	 1F888							
9	 1F809	 1F819	 1F829	 1F839	 1F849	 1F859	 1F869	 1F879	 1F889							
A	 1F80A	 1F81A			 1F84A	 1F85A	 1F86A	 1F87A								
B	 1F80B	 1F81B			 1F84B	 1F85B	 1F86B	 1F87B								
C	 1F80C	 1F81C	 1F82C	 1F83C	 1F84C	 1F85C	 1F86C	 1F87C								
D	 1F80D	 1F81D	 1F82D	 1F83D	 1F84D	 1F85D	 1F86D	 1F87D								
E	 1F80E	 1F81E			 1F84E	 1F85E	 1F86E									
F	 1F80F	 1F81F			 1F84F	 1F85F	 1F86F									

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Arrows with small triangle arrowhead

- 1F800 ← LEFTWARDS ARROW WITH SMALL TRIANGLE
 ARROWHEAD
 = w-3153
- 1F801 → RIGHTWARDS ARROW WITH SMALL TRIANGLE
 ARROWHEAD
 = w-3154
- 1F802 ↑ UPWARDS ARROW WITH SMALL TRIANGLE
 ARROWHEAD
 = w-3155
- 1F803 ↓ DOWNWARDS ARROW WITH SMALL TRIANGLE
 ARROWHEAD
 = w-3156

Arrows with medium triangle arrowhead

- 1F804 ← LEFTWARDS ARROW WITH MEDIUM TRIANGLE
 ARROWHEAD
 = w-3157
- 1F805 → RIGHTWARDS ARROW WITH MEDIUM
 TRIANGLE ARROWHEAD
 = w-3158
- 1F806 ↑ UPWARDS ARROW WITH MEDIUM TRIANGLE
 ARROWHEAD
 = w-3159
- 1F807 ↓ DOWNWARDS ARROW WITH MEDIUM
 TRIANGLE ARROWHEAD
 = w-3160

Arrows with large triangle arrowhead

- 1F808 ← LEFTWARDS ARROW WITH LARGE TRIANGLE
 ARROWHEAD
 = w-3161
- 1F809 → RIGHTWARDS ARROW WITH LARGE TRIANGLE
 ARROWHEAD
 = w-3162
- 1F80A ↑ UPWARDS ARROW WITH LARGE TRIANGLE
 ARROWHEAD
 = w-3163
- 1F80B ↓ DOWNWARDS ARROW WITH LARGE TRIANGLE
 ARROWHEAD
 = w-3164

Sans-serif arrows

- 1F80C ← LEFTWARDS SANS-SERIF ARROW
 = w-3102
 → 2190 ← leftwards arrow
- 1F80D → RIGHTWARDS SANS-SERIF ARROW
 = w-3103
 → 2192 → rightwards arrow
- 1F80E ↑ UPWARDS SANS-SERIF ARROW
 = w-3104
 → 2191 ↑ upwards arrow
- 1F80F ↓ DOWNWARDS SANS-SERIF ARROW
 = w-3105
 → 2193 ↓ downwards arrow
- 1F810 ↖ NORTH WEST SANS-SERIF ARROW
 = w-3106
 → 2196 ↖ north west arrow
- 1F811 ↗ NORTH EAST SANS-SERIF ARROW
 = w-3107
 → 2197 ↗ north east arrow
- 1F812 ↙ SOUTH WEST SANS-SERIF ARROW
 = w-3108
 → 2199 ↙ south west arrow
- 1F813 ↘ SOUTH EAST SANS-SERIF ARROW
 = w-3109
 → 2198 ↘ south east arrow

1F814 ↔ LEFT RIGHT SANS-SERIF ARROW
 = w-3110
 → 2194 ↔ left right arrow

1F815 ⇕ UP DOWN SANS-SERIF ARROW
 = w-3111
 → 2195 ⇕ up down arrow

Arrows with small equilateral arrowhead

- 1F818 ← LEFTWARDS ARROW WITH SMALL
 EQUILATERAL ARROWHEAD
 = w-3137
- 1F819 → RIGHTWARDS ARROW WITH SMALL
 EQUILATERAL ARROWHEAD
 = w-3138
- 1F81A ↑ UPWARDS ARROW WITH SMALL EQUILATERAL
 ARROWHEAD
 = w-3139
- 1F81B ↓ DOWNWARDS ARROW WITH SMALL
 EQUILATERAL ARROWHEAD
 = w-3140

Arrows with equilateral arrowhead

- 1F81C ← LEFTWARDS ARROW WITH EQUILATERAL
 ARROWHEAD
 = w-3141
- 1F81D → RIGHTWARDS ARROW WITH EQUILATERAL
 ARROWHEAD
 = w-3142
- 1F81E ↑ UPWARDS ARROW WITH EQUILATERAL
 ARROWHEAD
 = w-3143
- 1F81F ↓ DOWNWARDS ARROW WITH EQUILATERAL
 ARROWHEAD
 = w-3144

Heavy arrows with equilateral arrowhead

- 1F820 ← HEAVY LEFTWARDS ARROW WITH
 EQUILATERAL ARROWHEAD
 = w-3145
- 1F821 → HEAVY RIGHTWARDS ARROW WITH
 EQUILATERAL ARROWHEAD
 = w-3146
- 1F822 ↑ HEAVY UPWARDS ARROW WITH EQUILATERAL
 ARROWHEAD
 = w-3147
- 1F823 ↓ HEAVY DOWNWARDS ARROW WITH
 EQUILATERAL ARROWHEAD
 = w-3148

Heavy arrows with large equilateral arrowhead

- 1F824 ← HEAVY LEFTWARDS ARROW WITH LARGE
 EQUILATERAL ARROWHEAD
 = w-3149
- 1F825 → HEAVY RIGHTWARDS ARROW WITH LARGE
 EQUILATERAL ARROWHEAD
 = w-3150
- 1F826 ↑ HEAVY UPWARDS ARROW WITH LARGE
 EQUILATERAL ARROWHEAD
 = w-3151
- 1F827 ↓ HEAVY DOWNWARDS ARROW WITH LARGE
 EQUILATERAL ARROWHEAD
 = w-3152

Triangle headed arrows with narrow shaft

- 1F828 ← LEFTWARDS TRIANGLE-HEADED ARROW WITH
 NARROW SHAFT
 = w-3165

1F829 → RIGHTWARDS TRIANGLE-HEADED ARROW
WITH NARROW SHAFT
= w-3166

Triangle headed arrows with medium shaft

1F82C ← LEFTWARDS TRIANGLE-HEADED ARROW WITH
MEDIUM SHAFT
= w-3167

1F82D → RIGHTWARDS TRIANGLE-HEADED ARROW
WITH MEDIUM SHAFT
= w-3168

Triangle headed arrows with bold shaft

1F830 ← LEFTWARDS TRIANGLE-HEADED ARROW WITH
BOLD SHAFT
= w-3169

1F831 → RIGHTWARDS TRIANGLE-HEADED ARROW
WITH BOLD SHAFT
= w-3170

Triangle headed arrows with heavy shaft

1F834 ← LEFTWARDS TRIANGLE-HEADED ARROW WITH
HEAVY SHAFT
= w-3171

1F835 → RIGHTWARDS TRIANGLE-HEADED ARROW
WITH HEAVY SHAFT
= w-3176

Triangle headed arrows with very heavy shaft

1F838 ← LEFTWARDS TRIANGLE-HEADED ARROW WITH
VERY HEAVY SHAFT
= w-3177

1F839 → RIGHTWARDS TRIANGLE-HEADED ARROW
WITH VERY HEAVY SHAFT
= w-3178

Finger-post arrows

1F83C ← LEFTWARDS FINGER-POST ARROW
= w-3179

1F83D → RIGHTWARDS FINGER-POST ARROW
= w-3180

Squared arrows

1F840 ↖ LEFTWARDS SQUARED ARROW
= w-3181

1F841 ↗ RIGHTWARDS SQUARED ARROW
= w-3182

1F842 ↕ UPWARDS SQUARED ARROW
= w-3183

1F843 ↘ DOWNWARDS SQUARED ARROW
= w-3184

Compressed arrows

1F844 ↖ LEFTWARDS COMPRESSED ARROW
= w-3189

1F845 ↗ RIGHTWARDS COMPRESSED ARROW
= w-3190

1F846 ↕ UPWARDS COMPRESSED ARROW
= w-3191

1F847 ↘ DOWNWARDS COMPRESSED ARROW
= w-3192

Heavy compressed arrows

1F848 ↖ LEFTWARDS HEAVY COMPRESSED ARROW
= w-3193

1F849 ↗ RIGHTWARDS HEAVY COMPRESSED ARROW
= w-3194
→ 27A7 ↗ squat black rightwards arrow

1F84A ↕ UPWARDS HEAVY COMPRESSED ARROW
= w-3195

1F84B ↘ DOWNWARDS HEAVY COMPRESSED ARROW
= w-3196

Heavy arrows

1F84C ← LEFTWARDS HEAVY ARROW
= w-3197

1F84D → RIGHTWARDS HEAVY ARROW
= w-3198

1F84E ↕ UPWARDS HEAVY ARROW
= w-3199

1F84F ↘ DOWNWARDS HEAVY ARROW
= w-3200

Wide-headed light barb arrows

1F850 ← WIDE-HEADED LEFTWARDS LIGHT BARB
ARROW
= w-3209

1F851 → WIDE-HEADED RIGHTWARDS LIGHT BARB
ARROW
= w-3210

1F852 ↕ WIDE-HEADED UPWARDS LIGHT BARB ARROW
= w-3211

1F853 ↘ WIDE-HEADED DOWNWARDS LIGHT BARB
ARROW
= w-3212

1F854 ↖ WIDE-HEADED NORTH WEST LIGHT BARB
ARROW
= w-3213

1F855 ↗ WIDE-HEADED NORTH EAST LIGHT BARB
ARROW
= w-3214

1F856 ↙ WIDE-HEADED SOUTH WEST LIGHT BARB
ARROW
= w-3215

1F857 ↘ WIDE-HEADED SOUTH EAST LIGHT BARB
ARROW
= w-3216

Wide-headed barb arrows

1F858 ← WIDE-HEADED LEFTWARDS BARB ARROW
= w-1223

1F859 → WIDE-HEADED RIGHTWARDS BARB ARROW
= w-1224

1F85A ↕ WIDE-HEADED UPWARDS BARB ARROW
= w-1225

1F85B ↘ WIDE-HEADED DOWNWARDS BARB ARROW
= w-1226

1F85C ↖ WIDE-HEADED NORTH WEST BARB ARROW
= w-1227

1F85D ↗ WIDE-HEADED NORTH EAST BARB ARROW
= w-1228

1F85E ↙ WIDE-HEADED SOUTH WEST BARB ARROW
= w-1229

1F85F ↘ WIDE-HEADED SOUTH EAST BARB ARROW
= w-1230

Wide-headed medium barb arrows

1F860 ← WIDE-HEADED LEFTWARDS MEDIUM BARB
ARROW
= w-3217

1F861 → WIDE-HEADED RIGHTWARDS MEDIUM BARB
ARROW
= w-3218
→ 2794 → heavy wide-headed rightwards arrow

- 1F862 ↑ WIDE-HEADED UPWARDS MEDIUM BARB ARROW
= w-3219
- 1F863 ↓ WIDE-HEADED DOWNWARDS MEDIUM BARB ARROW
= w-3220
- 1F864 ↖ WIDE-HEADED NORTH WEST MEDIUM BARB ARROW
= w-3221
- 1F865 ↗ WIDE-HEADED NORTH EAST MEDIUM BARB ARROW
= w-3222
- 1F866 ↙ WIDE-HEADED SOUTH WEST MEDIUM BARB ARROW
= w-3223
- 1F867 ↘ WIDE-HEADED SOUTH EAST MEDIUM BARB ARROW
= w-3224

Wide-headed heavy barb arrows

- 1F868 ← WIDE-HEADED LEFTWARDS HEAVY BARB ARROW
= w-1231
- 1F869 → WIDE-HEADED RIGHTWARDS HEAVY BARB ARROW
= w-1232
- 1F86A ↑ WIDE-HEADED UPWARDS HEAVY BARB ARROW
= w-1233
- 1F86B ↓ WIDE-HEADED DOWNWARDS HEAVY BARB ARROW
= w-1234
- 1F86C ↖ WIDE-HEADED NORTH WEST HEAVY BARB ARROW
= w-1235
- 1F86D ↗ WIDE-HEADED NORTH EAST HEAVY BARB ARROW
= w-1236
- 1F86E ↙ WIDE-HEADED SOUTH WEST HEAVY BARB ARROW
= w-1237
- 1F86F ↘ WIDE-HEADED SOUTH EAST HEAVY BARB ARROW
= w-1238

Wide-headed very heavy barb arrows

- 1F870 ← WIDE-HEADED LEFTWARDS VERY HEAVY BARB ARROW
= w-3225
- 1F871 → WIDE-HEADED RIGHTWARDS VERY HEAVY BARB ARROW
= w-3226
- 1F872 ↑ WIDE-HEADED UPWARDS VERY HEAVY BARB ARROW
= w-3227
- 1F873 ↓ WIDE-HEADED DOWNWARDS VERY HEAVY BARB ARROW
= w-3228
- 1F874 ↖ WIDE-HEADED NORTH WEST VERY HEAVY BARB ARROW
= w-3229
- 1F875 ↗ WIDE-HEADED NORTH EAST VERY HEAVY BARB ARROW
= w-3230
- 1F876 ↙ WIDE-HEADED SOUTH WEST VERY HEAVY BARB ARROW
= w-3231

- 1F877 ↘ WIDE-HEADED SOUTH EAST VERY HEAVY BARB ARROW
= w-3232

White rectangular arrow shaft

Vertical alignment and thickness compatible with white rectangular arrows

- 1F878 □ WHITE RECTANGULAR ARROW SHAFT WIDTH ONE
= w-1249
- 1F879 □ WHITE RECTANGULAR ARROW SHAFT WIDTH TWO THIRDS
= w-1250

Heavy arrow shaft

Vertical alignment and thickness compatible with heavy shaft arrows

- 1F87A ▬ HEAVY ARROW SHAFT WIDTH ONE
= w-3172
- 1F87B ▬ HEAVY ARROW SHAFT WIDTH TWO THIRDS
= w-3173
- 1F87C ▬ HEAVY ARROW SHAFT WIDTH ONE HALF
= w-3174
- 1F87D ▬ HEAVY ARROW SHAFT WIDTH ONE THIRD
= w-3175

White rectangular arrows

- 1F880 ⇐ LEFTWARDS WHITE RECTANGULAR ARROW
= w-1239
→ 21E6 ⇐ leftwards white arrow
- 1F881 ⇒ RIGHTWARDS WHITE RECTANGULAR ARROW
= w-1240
→ 21E8 ⇒ rightwards white arrow
- 1F882 ⇑ UPWARDS WHITE RECTANGULAR ARROW
= w-1241
→ 21E7 ⇑ upwards white arrow
- 1F883 ⇓ DOWNWARDS WHITE RECTANGULAR ARROW
= w-1242
→ 21E9 ⇓ downwards white arrow
- 1F884 ↖ NORTH WEST WHITE RECTANGULAR ARROW
= w-1245
→ 2B01 ↖ north west white arrow
- 1F885 ↗ NORTH EAST WHITE RECTANGULAR ARROW
= w-1246
→ 2B00 ↗ north east white arrow
- 1F886 ⇓ SOUTH WEST WHITE RECTANGULAR ARROW
= w-1247
→ 2B03 ⇓ south west white arrow
- 1F887 ⇘ SOUTH EAST WHITE RECTANGULAR ARROW
= w-1248
→ 2B02 ⇘ south east white arrow
- 1F888 ⇔ LEFT RIGHT WHITE RECTANGULAR ARROW
= w-1243
→ 2B04 ⇔ left right white arrow
- 1F889 ⇕ UP DOWN WHITE RECTANGULAR ARROW
= w-1244
→ 21F3 ⇕ up down white arrow