| Index A1. Man and monarchs A01. Man seated or kneeling empty handed | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
F000D	A-01-019				B			A426	A426			A426	**6**			6					9;1				A;0500			A800i	27	2	7	1		12		9
F000E	A-01-020							A3C													1;12														A;17		2
F000F	A-01-021				C			A72A	A72A			A72A																		1		1		4		*hmw*	3
F0010	A-01-022				E			A3A	A3A			A3A	**1**			1					1;13														A;15		3
F0088	A-01-023							A3D																					A003D								
F0011	A-01-024				D			A3B	A3B			A3B	**3**			3					1;14														A;1033	*lmr ꜣ mꜣwt ꜥnr,mrr,rmṯ,rmṯ*	3
F0012	A-01-025				F			A2B													2;1														A;57	*wḏb,ỉr,w,sḫr,ḫ*	2
F0013	A-01-026				F			A2C													2;3														A;55	*rmṯ*	2
F0014	A-01-027			13001	A			A2	A2			A2	**22009**	12212	9550	247	1_290_00	A2	A002	9;2	2;4		1;2		A;0350		805,2			181	39	13	4	18	198	A;51		18
F0015	A-01-028				C			A2F		E5106							1_290_01		A002F											4							3
F0016	A-01-029							A2D													2;6														A;53	*wsnn,sḫt*	2
F0017	A-01-030				A			A2A	A2A			A2A	**43**			38	5				9;2	2;7			A;0351					201	1		4	1	1	A;49		11
F003F	A-01-031				F			A519		A519																							1				1
F0082	A-01-032							A2G											A002G																		
F0081	A-01-033							A2H											A002H																		
F008D	A-01-034							A2I											A002I																	*n,ḥmw*	
F0018	A-01-035							A2E													2;8														A;43		2
F0019	A-01-036			13009	A			A7	A7			A7	**747**	235	501	11	1_879_00	A7	A007		2;9	153;6	1;1c		A;0300		806,6				1				8	A;41	*wrḏ,ḥdḏ,n,mw,mn,r*	14
F001A	A-01-037				F			A7B													2;10														A;45	*w*	2
F001B	A-01-038				A			A7A	A7A			A7A	**135**	1	133	1	1_879_01			10;1	2;12	153;6	1;1c			1421;9	806,7		A007i	140	19	1	1	5	28	A;23		18
F001C	A-01-039				D			A4B	A4B			A4B	**2**		1	1					2;13						1421;8	806,3								A;39	*tmm,w,sḫw*	6
F001D	A-01-040			13003	A			A4	A4			A4	**210**	32	163	15	1_630_00	A4	A004	9;3	2;14	153;3	1;2c		A;0400		806,2			23	13		2	1	26	A;35	*ḥrỉ*	18
F001E	A-01-041				B			A4A	A4A			A4A	**21**		21						2;15				A;0200				A004k	1	2			2		A;37		8

Vols	Comment DW	Yote DW Core (2021)	DW differentiality	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiality	Comment SP
Y		Y		TSL candidate. Note that all the other TLA sources are from the same stela, however, it could be argued that it is a A1 written slightly unusually (ASAE 40, p. 209-229)	CG 20538 Sehetepibre could also be A2?). I don't think that pTurin 1791 8069, col. 5 is correct. That is a cursive shape of a standing man A26. Ptol. temple encodings are often for A1/F00D4 (with the ptol. "bottom").	W?	N?	DIFF	
					this is simply a variant of F001D/A3A, do not include into unicode	N	N		
					uncertain!!. I checked all 4 examples from Athribis (II, Nr. 0`2, 21 and pl. 129) and they are all wrong. This is not A72A but 1 x HG A426B and 3 x A1. Porte d'Horus is damaged and it cannot be proven that the front handpalm is inwards (which it should not be as a suffix =j). D XIV, 36,10 is wrong: this is HG A32H. But there should be other attestations	W?	N?	DIFF	
				seeeg z yr. rurn aotus,	c. i vii, ee,o must be corrected to CT VII, 96,c. This is rather A7A"var" than A3A"var", even though the reading seems to be Hmsi	W	N	DIFF	
N		Y	DIFF	All from the same BotD in the TLA, misinterpreted by the encoders	I agree. Encoding of TLA is wrong. I have no example.	W	N	DIFF	
					I agree. Identical to F0014/A2	N	N		
					I agree. Identical to F0014/A2	N	N		
Y						Y	Y		
				TSL candidate (class), Karnak (Augustus)	MK and late attestations. Attention: both tokens of Karnak have different seatings, once like this, once sitting on one's bottom.	Y	N?	DIFF	
					I agree. F0017/A2A will perfectly do. The bottom of the sign is damaged on Porte d'Horus, so this is no help	N	N		
					no sources, no proor, no function; a variant of A7 (rename "A2E" to "A7...")?	W	?	DIFF	
Y		Y				Y	Y		
					I agree. F0018/A7A is OK	N	N		
Y		Y		lower part of the sign is damaged, so I cannot say if there is nothing at the hands, or something. In the TLA token (Hbtd CAA 21, pl 135, second line, second item), the sign has its arms more raised, and the palms of the hands upwards.	class type variant of A7 and quite common REDRAW / NEW NUMBER: A4B is too deeply bent forward and the hands should not touch the soil. KIU 4325 is perfectly useful: see CIP 25, plate 4, line 8; classifier HFA "pay homage to"	Y New	Y New	DIFF	
				Based on the facimile I could find of the sources (some are from another database it seems), I cannot agree that the leg is forward. Maybe that is the case in one of the other sources, but the ones referring to Amarna I are wrong in my opinion.	F001E exists, but the Jsesh version is not convincing for the arms (Hieroglyphica better). See my image	Y	N		See Jorke's comment: revise with leg next to knee and bended back.

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
								Man, seated, right knee raised, right arm raised, hand held horizontally, hand palm upwards, left arm hanging beside the body.	Logogram I (vocative interjection)		
Y,I	P. Turin 1791 (BotD), chapter 69, col. 5	Y (in core)		Y							
		N (auto)		N		F000F				No sources given.	
Y,I	Dendera, Porte d'Horus, p. 2,3, p. 83	Y (in core)		Y				Man, seated, both knees down, right arm raised, hand held vertically, handpalm inwards, left arm held in front of the body, lower arm and hand horizontal, handpalm upwards.	Logogram I (first person singular).	Exists, but I am doubtful it is a meaningful variant for Unicode.	
		N (auto)		N		F000F				Not supported. Valeurs gave no source.	
Y,I	Junker, Giza VII, pl. XXI, fig. 56, top row, 3rd section from the left.	Y (in core)		Y				Man, seated on heel, both knees down, one arm visible, raised in front, hand at the hight of the [illegible]	Classifier sitting (H/m)si.	Found and verified by Peter Dils.	
		Y (n=0,JSeh/HG)		N						Not supported. TLA tokens considered wrong.	
		N (manual)	N	N		F0014				neeanngeesa varian of F0014 (A2 (exact elbow position is not meaningful).	
		N (manual)	N	N		F0014				neeanngeesa varian of F0014 (A2) (exact elbow position is not meaningful).	
Y,I	TSL	Y (v5.2)		Y				Man, seated, right knee raised, right arm raised with hand to mouth, left arm hanging beside the body.	Classifier eating/drinking/speech/silence/thoughts/feelings.		
Y,I	TSL	Y (in core)		Y		F0014		Man, seated, both knees down, right arm raised with hand to mouth, left arm hanging beside the body.	Classifier eating/drinking/speech/silence/thoughts/feelings.		
		N (auto)		N						No sources given.	
Y,I	KIU 4205, line 1	Y (in core)		Y				Man seated, right knee raised, right arm raised with hand to mouth, left arm raised in front of the body.	Classifier speech/sound (TIHT.se)		
		N (auto)		N		F0017				Token Gardiner, Porte d'Horus, p. 23,3, p. 108) is practically unrecognisable, and I highly doubt the position of the arm would be a meaningful variant of	Horus
Y,I	Stela of Antefoqer aA, Petrie, Dendera, extra plates, pl. XI, middle left.	Y (in core)		Y				Man, seated, both knees raised, foot flat on the ground, right arm raised with hand to mouth, left arm not [illegible]	Classifier speech/silence (dbHt)	Found and verified by Peter Dils. Either dbHt or sbH, first phoneme lost. Drew upper body as A1C, but with the arm position of A2.	
Y,I	Reliefs and Inscriptions at Luxor Temple 1, OIP 112, Chicago 1994, Taf. 93	Y (in core)		Y				Man, seated, right knee raised, right arm raised, hand vertical, handpalm towards the face, in front of the face, left arm hanging beside the body.	Classifier acclaim, speaking (nhm).	Found and verified by Peter Dils.	
								Man, seated, right knee raised, right foot in front of the left knee, left foot horizontal, right arm raised with hand to mouth, left arm hanging beside the body.			
Y,I	ACEr 40, pl. 5 and 84 (autobiography Amenemhat, line 5)	Y (in core)		Y					Classifier speech/silence (Ddj)	Found and verified by Peter Dils.	
		N (auto)		N						Valeurs tokens are F0018 (A7A).	
Y,I	TSL	Y (v5.2)		Y				Man, seated on heel, right leg extended with foot in front of left leg, right and left arm sloping downward to either side of the body.	Classifier sitting/weak/faint.		
		N (manual)	N	N		F0018				Practically identical to F0018 (A7A).	
Y,I	TSL	Y (in core)		Y				knees down, right and left arm sloping downwards to either side of the body.	Classifier sitting/weak/faint.		
		Y (n=0,JSeh/HG)		N						Not supported.	
Y,I	TSL	Y (v5.2)		Y				Man, seated, right knee raised, back straight, both arms raised in front, handpalms outwards.	Classifier supplication/hiding/rejection.		
		N (manual)	N	N		F001D				**Redrawn into F0086.** (Redraw with the legs like F001D (A4), and with the back much more bend forwards. Valeurs (=WB III, p. 73) does not support the leg forwards. JH tokens cannot be verified with an image. Could be argued to be left out, as in most cases F001D (A4) would serve.)	

Comment MS	Change (Berlin)	Changes (post 19-02-2023)
	Yes	
	No/No.	
	Additional row	
	Additional row	
	Additional row	

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vois | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F002E	A-01-063				F			A8G												A008G		3;8			A;0451											A;29		4
F002F	A-01-064							A8E														3;9														A;27		2
F0030	A-01-065				B			A8A	A8A			A8A						1_895_01			10;2									23	2			2				5
F0085	A-01-066							A8I												A008I																		1
F0032	A-01-067							A1C	A1C			A1C	1				1								A;0102													2
F0033	A-01-068				E			A76	A76			A76	1			1									A;0103											A;61		3
F0034	A-01-069							A76B	A76B			A76B													A;5552													1
F0035	A-01-070							A426A	A426A			A426J													A;0501													1
F0036	A-01-071				F			A426C		A426C																				1							1
F0037	A-01-072							A497	A497			A497																										
F0038	A-01-073							A70			A70																											
FGA11	A-01-074				F			A73A	A73A			A73A	1			1																						1
F0089	A-01-075							A73E												A073E																		
F0039	A-01-076							A73B				A73B																										
F008A	A-01-077							A73D												A073D																		
F003A	A-01-078							A317	A317			A317																										
A02. Man standing empty handed																																					
F0040	A-02-001							A61A														3;10														A;67		2
F0041	A-02-002				C			A62	A62			A62	1			1	1_858			A062A		3;11						810;14								A;73		6
F0042	A-02-003							A62A	A62A			A62A													A;6920													1
F0043	A-02-004			13047	C			A62B			A62B								A62	A062		3;12			A;6300											A;69		5
F0044	A-02-005				B			A78	A78			A78	5	1	4	1						3;13			A;0600				A8001		2			4	A;71		9
F0045	A-02-006				E			A109E	A109E			A109I										3;14			A;7100						1				A;1331		4

Vois	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
					REDRAW? In my opinion the front fore-arm is raised more in a 45° angle. See my image.	Y	Y		
					This is not true, and the valeurs A27 because the front arm is very different.	W	?	DIFF	
R	TSL token has upper hand in other direction	N?			In my opinion it is not relevant to be able to see or not see the fist in front of the chest	N	N	DIFF	Revise shape based on TSL example
					hand is normally like a fist, the thumb being nearest to the head. If you exagerate the thumb in carving, then it looks as if this is the palm of the hand oriented outwards. Image TSL_3_17745 is for me such a case: simply the basic A8 sign.	?	?	DIFF	
				Only in Karnak as facsimile, where it seems to be rather a woman than a man.	Petrie CK. Further examples mentioned by Fischer, Dendera in 3th mill, 81, n. 343.	Y	Y		
				TLA token (DIFAO III, pl. 75-75a) should be read as A76A in my opinion.	Further examples mentioned by Fischer, Dendera in 3th mill, 82, n. 344.	Y	Y		
						W	?	DIFF	
					Also classifier fAb in CT 3, 115 and CT 7, 221c.	Y	Y		
						W	?	DIFF	
				Due to hands outwards I do not really consider it a TSL candidate. Moreover, A70 does not exist in Jsesh or Hieroglyphica, it feels as if this one was deprictated in favour of A73. V5.2 seems to be an error, as none of the sources support this grapheme, i.e, code should become A073, and grapheme should use the v5.0 grapheme.	Similar signs are C11 (god HH without nrp-sign) and A73 (bald man). Sign-FDA11A73A should be transferred to this point (and not listed with the HH-gods). Sources: Clère, Les chauves d'Hathor, 33-42	W	?	DIFF	
				Beleg 1 is A9 with a more rounded vessel (Gloa I, pl. XIII, line at the bottom). Beleg 2 is marked as 'var' (CT V, 32,e, B2P). Beleg 3 does not have this sign at all.	This should go to category "man/human being" F0038/A70, because it is a bald man, not the HH-god (source: Clère, Les chauves d'Hathor, 33-42: tomb A2 of Meir and others: 6 or 7 examples)				
						W	?	DIFF	
					Classifier or phonetic complement. Sitting version of standing F0050/A050. See image Meeks.	Y	Y	DIFF	
					This is not true, actually, because that one is not naked (compare F0044).	W	?	DIFF	
N	cf. A062	N		TSL example looks more like F0043.	I think I have found an example. See my document with images.	Y	Y	DIFF	
					I could not yet find an image of a hieroglyph, but the crown is a hittite crown or pointed cap and not the Egyptian white crown.	W	?	DIFF	
					REDRAW? Normally the lower part of the body is straight and the torso and head are bent forward. Or do we need 2 variants, one straight up and one bent forward?	R Y	R Y	DIFF	
Y		Y		TSL candidate. Note that in the example from CG 34010, the arms actually divide a bit like A7A.	I have a good image for this one, but perhaps he is naked (compare F0040). See my images. CG 34010, line 10 will NOT DO as an example. CG 34010 is really A276, the fatigued child, at most A330 (fatigued man wearing kilt). The legs are clearly not right. The TLA-Token from Edfou VIII, 93 is probably wrong as well for A61 (read arm "turn back"). The 4 Athribis-examples are in reality only 2 and too much damaged (only feet remaining).	Y	Y		
					the feather (oblique). I think this is a foreign official with a feather on his head. See my image Iggogram-ver "great one". Example Redford has iconography of a Nubian with a NON-OSTRICH feather.	R Y	R Y	DIFF	

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										Redrawn. (Redraw legs in the same form as F0028 (Jsesh A8), arm position should remain the same. (A better image would be welcome, as there are some signs of the right leg actually being raised up (which could be damage), and the arm position being slightly different!.)	
Y/I	KIU 575, line 26 (Cairo CG 34001)	Y (in core)		Y				Man, seated, right knee raised, right arm raised in front, left arm raised.	Classifier joy (hma)		
		N (auto)		N						No sources given.	
		N (manual)	N	N		F0085				**Redrawn as F0085.** (Redraw sign with the raised arm hand palm facing outwards, not inwards (following F0028 (Jsesh A8).)	
Y/I	TSL	Y (in core)		Y				Man, seated, right knee raised, right arm angled behind the back, left arm raised, hand held vertically, handpalm outwards.	Classifier joy (hma)		redraw of F0030 (A8I)
Y/I	Petrie, Dendera, Extra plates, pl. XI,c, left side, center.	Y (in core)		Y				Man, seated, right knee raised, right arm raised in front, left arm not shown.	Classifier human being.	Technically a simplified form of A1.	
Y/I	Petrie, Dendera, pl. XI, Nekhtu, line 2.	Y (in core)		Y				man, seated, right knee raised, without visible arms.	Classifier human being (n)	Valeurs token cannot be verified (Brugsch).	
		N (auto)		N						Homung, pl. 101 (p. 165)) is iconographical, not a	
Y/I	False door of Nefer, AVDAIK 5, p. 46, pl. 29. (title xrp Hs.w)	Y (in core)		Y				Man, seated, right knee raised, with a hair-lock, arm raised in front, hand held horizontal, handpalm upwards.	Logogram: Hs.w (musician).		musician
		N (auto)		N						JH-D token (Dendera XIII, p. 3,11) cannot be clearly seen on my image of Dendera XIII commentary. cf. III.	
		N (auto)		N						No sources given.	
N		N (manual)	N	N						See earlier comments, the sign should be the A73 form (i.e, hands inward, not outward) for this codepoint. For A73, see TSL.	See F0A10 (A73)
		N (auto)		N						Not supported.	
Y/I	Cairo CG 20308 (Clère, Les chauves d'Hathor, 43, Fig. 16b)	Y (in core)		Y				knee raised, with arms raised at either side of the body, hands on either side of the head.	Classifier bald (iAs)	Found and verified by Peter Dils (variant of A73A with one knee raised).	
		N (auto)		N						No sources given.	
Y/I	Stela Rio de Janeiro 644, line 1. (RdE 3, 1938, p. 91-97, pl. IV)	Y (in core)		Y				Man, seated, right knee raised, with arms raised at either side of the body, elbows bent, handpalms inwards.	Classifier music (iiHy)	rounz ano vermes oy Peter Dils. Seated variant of A28. Draw with bent arms (see example) to make the distinction from A73 a bit clearer.	
		N (auto)		N						No sources given.	
		N (auto)		N						no sources given. Naked duplicate of F0044 (A78).	
		Y (n=0,JSeh/HG)		N						Valeurs does not suggest the extensive dress (i.e., F0043) F0043 should be sufficient for unicode. Karnak tokens reflect F0043 more as well.	
		N (auto)		N						H&S token (KRI II, p. 245,14, KIAK 25, p. 221) I could not verify with an image, but on based their transcriptions I find a white crown on the head highly unlikeley.	
Y/I	TSL	Y (v5.2)		Y				Foreign man, with a bushy beard, standing, wearing a long dress, with the arms hanging at either side of the body.	Logogram w (great one, chief).	TSL token fits this form better than the A62 form it is under. (i.e., TSL should be adjusted, not Unicode form)	
Y/I	CG 34010, line 10	Y (in core)		Y				Man, standing, with the arms hanging at either side of the body.	Classifier to totter (mss).	Should not be allowed to rotate, due to F008C (A98), mirroring is fine. Current token might not be a perfect example of this sign, as there is no sign of clothing, and some Egyptologist transcribe A17A in this place (which is a rather extreme interpretation as well).	
Y/I	Redford, Akhenaton temple project II, pl. 28.	Y (in core)		Y				Man, standing, bent slightly forwards, with a feather/cone on its head, angled backwards, with the arms hanging at either side of the body.	Classifier foreigner (nHs.y, nubian)	JH-D token (Dendera XII, p. 413,2) could not be verified with an image.	

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Siz | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vols | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikee	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhon	Weight
F0070	A-02-052				F	S		A370	A370			A370																							A;824	1
F0071	A-02-053				F	S		A371	A371			A371																							A;729	1
F0072	A-02-054							A330	A330			A330																								
F0073	A-02-055							A343	A343			A343														812;18										
F0074	A-02-056							A361	A361			A361										153;43			A;0900	1425;13											3
F0075	A-02-057							A365	A365			A365													A;5650											1
F0076	A-02-058							A339	A339			A339																								
F0077	A-02-059				D			DE122		DE122																				3						1
F007B	A-02-060							A364C												A364C																
F007C	A-02-061							A526												A526																
F0088	A-03-001			13021	B	Y		A29	A29			A29	36		6	30		1_436	A29	A029	14;1	6;2	153;44	1;7a	A;1600		808;7			4	1			2	A;177	15
F0090	A-04-001			13022	A	Y		A30	A30			A30	1139		397	675	67	1_460	A30	A030	14;2	6;4	153;45	1;5	A;0402		808;8			232	16	15	9	5	96	A;305	19
F0091	A-04-002							A16D												A016D		6;6													A;115	3
F0092	A-04-003				C			A16A	A16A			A16A	3		2	1						6;7				1421;13	807;6	a8 v2	A16A						A;135	8
F0093	A-04-004				F			A16E														6;9													A;133	2
F0094	A-04-005			13013	A			A16	A16			A16	116	2	18	65	31	1_234	A16	A016	11;10	6;10	153;15	1;6a	A;0650		807;5			2	4			11	A;129	17
F0095	A-04-006							A16F														6;11													A;137	2
F00A6	A-04-007							A16G												A016G																
F0096	A-04-008							A16C	A16C			A16C										6;12			A;0651										A;123	3
F0097	A-04-009				C			A16B	A16B			A16B	3		1	2						6;13			A;0751										A;127	5
F0098	A-04-010							A87B														6;14													A;139	2
F0099	A-04-011				B			A87	A87			A87	3			2	1				11;10	7;1	153;15								5			1	20	A;141	9
F009A	A-04-012				B			A87A	A87A			A87A									11;10	7;2		1;6b							11			4	A;143	6
F009B	A-04-013							A87C														7;3													A;131	2
F009C	A-04-014				E			A88	A88			A88										7;4				1422;15	811;4								A;371	4

VP Val

ḥr.k

ḥr

ḥrp;sḫd

i1w;ỉnnw;ḥ;w;wr;ỉ;ḫfỉ;ỉ;sms r;ỉ;dw;ỉ

ḫw

ḥr

ḫ10;rpw

ḫnw

A03. Man; head down

A04. Man adoring or bent

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
		N (manual)	N	N						Lwwwy. vasours token (Edfu III, 220;4) could not be verified with an image.	
		N (manual)	N	N						Overlay. Valeurs refers to WB V, 64 (qrs1, burial), which has 370 tokens in the TLA, to many to go through.	
		N (auto)		N						No sources given.	
	KIU 1011, line 16.	Y (in core)		Y				Man, standing, bend forward, arms hanging beside the body.	Classifier bowing (kow)		
		N (auto)		W						Supposedly occurs in TT23 (tomb of Tjay), classifier of pS5, in a text of xft-Hr. I could not locate an image.	
	Excavations at Saqqara, Step pyramid II, pl. 91, nr. 2.	Y (in core)		Y				man, standing, wearing a lion/leopard-skin, left hand raised in front.	Logogram sm (Sem priest)?	Function is uncertain, see Helck, Schamane und Zauberer, (Melanges Gurbuib), p. 106-107.	
		N (auto)		N						No sources given.	
		N (auto)		N						JH-D tokens could not be verified with an image.	
	MMA 22.1.6 (Clére, Les chauves d'Hathor, 41, Fig. 15a-b)	Y (in core)		Y				Man, standing, right arm hanging beside the body, left arm raised, hand on the top of the head.	Classifier bald (iAa).	Found and verified by Peter Dils.	
	Cairo TR 3/6/21/2, 11. Dyn., Clère, Les chauves d'Hathor, 44, Fig. 17	Y (in core)		Y				Man, standing, with arms raised at either side of the body, hands on either side of the head.	Classifier bald (iAa).	Found and verified by Peter Dils. Standing variant of A73A.	
	TSL	Y (v5.2)		Y				Man, upside down, both arms raised at either side of the body, handpalms inwards.	Classifier upside down (sxd).	Functionally distinct from A28, needs to remain a separate entity. Should not be allowed to rotate.	
	TSL	Y (v5.2)		Y				wan, standing, both arms raised in front, hands held vertically,	Classifier adoration.		
	Ägyptens Schätze entdecken, Speyer, 72 zu 115, Nr. 25	Y/R (in core)		Y/R				Man, standing, bend forwards, both arms raised in front, handpalms outwards.	Classifier adoration (iAw)	round ano vermee oy Peter Dils. Redraw sign with normal arms, not these extremely overlong forms, (i.e. bend back variant of F0090 (A30)	
		Y (n=0_JSeh/NG)		N						Valeurs A;135 has the handpalms downwards, not upwards. Current tokens do not support this sign.	
		N (manual)	N	N						Duplicate of F0094 (A16).	
	TSL	Y (v5.2)		Y				oeno norwaros, arms hanging downwards, extended towards the front.	Classifier bowing.		
		N (auto)		N						No sources given.	
	BM EA 10249, (p. Anastasi IV), recto, column 12,3 (frame 5).	Y (in core)		Y				slightly forwards, both arms extended forwards, right hand at the hight of the shoulder, handpalm downwards, left arm below the right arm, handpalm downwards, as if to place the hands on something to leap over it.	Classifier leaping, bounding (Spw).	Found and verified by the AKU project. Make the arms a bit less straight than in the hieratogram.	
	AnOr 40 (Fischer, Coptic nome), p. 113, pl. XXXVII, line x+4	Y (in core)		Y				Man, standing, bend forwards, front arm hanging downwards towards the front, rear arm bend at a 90° angle, forearm and hand horizontal, rear arm hand extending beyond the front arm, at hip level.	Classifier bowing (kow).		
		Y (n=0_JSeh/NG)		N						Tokens are either not this sign, or should be represented by F0094 (A16).	
		N (manual)	N	N						ттаснсану а оирисате of F0099 (A87), although naked.	
	Edfu VIII, 58,4, Bartels photo 0072 (drand).	Y (in core)		Y				Man, standing, bend forwards with back nearly horizontal, arms hanging downwards, extended towards the front.	Classifier bowing (xAb).		
	Dendera X, p. 152,4, pl. 76, bottom image, bandeau.	Y (in core)		Y				Man, standing on top of a base, bend forwards with back nearly horizontal, arms hanging downwards, extended towards the front.	Logogram sn-tA (kissing the land).	Note that in this token both hands technically touch the the ground (i.e., F00A4 (A372)) on a rectangular base). Function based on Cauville (Rétiude 119, p. 501).	
		N (auto)		N						No sources given.	
		N (auto)		N						prowce a source, tms sign did not occur in the zpz slips in the TLA.	

Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
					Y	N	DIFF	
				attested in DZA 30.412.600 (sarcophagus Vienna) = Altmanns, Serg des Panehemisis, 25, 170 und § 11	Y	N	DIFF	
					W	?	DIFF	
				ATTENTION: if this is an Egyptian, then KIU 1011 is wrong: that is an Asiatic. Possibly no confirmation yet or REDRAW sign. As an Egyptian perhaps also for jmn "to hide"	Y?	Y?		
				I have two similar images, but I don't know what they are. See my images.	W	?	DIFF	
				meriggwpn, nano o rasseo more in the original and leopard skin is interpretation (Regulski, Palaeographic Study, OLA)	?	?	DIFF	
					W	?	DIFF	
				I have no images either. Dendera-attestations are royal (!) statue with nemes. They are F057B/A29B.	W	?	DIFF	
					Y	Y		
				A variant with royal uraeus in my documentation.	Y+1	Y+1		
			uses nao in my opinmon, and the example from Papyrus Anastasi IV (BM 10249,5) (12,3-4) are not convincing either. Papyrus Anstasi I might be possible, but the arm position does not fit.		W	?	DIFF	
?	DIFF				W	?	DIFF	
				Man with beard (A16 without beard)	N	N		
					Y	Y		
					W	?	DIFF	
				Description: left and right arm are difficult to identify and seem different on the original and on the hieroglyph. I would use front and rear arm.	Y	Y		
				(Padhor see my image) OR STILL UNIDENTIFIED: 1 TLA token (OG 34183, l. 10) wrong for A87; token H&S 751 is not this sign (has 2 lower arms)	New Y	New Y	DIFF	
?	DIFF		Rather not, as in Beleg 2 the back is straight (Padhor fig. 12, column 7).					
					W	?	DIFF	
				straight and the man is really almost at 90° (see my images). The difference to F0094/A16 should be clear for the user. Classifier of xAb and kxw, but often xAb is less deep than kxw. In ramess. versions the back is at about 90° but the hands do not touch the ground. In ptol. Versions the hands of the man touch the ground (like with A372). ADD				
verified POIs: function different to A016 in a single text: bib vs. kx; one ot the TLA attestation s with "ser" =>			Agreed, see Edfu VIII, 58,4, Bartels photo 72 (Drand), although the distance between the arms and the body is a bit larger, due to the W24 written between it (almost look like a masculine variant of C199 to me)	ANOTHER SIGN FOR THIS VARIANT OR REDRAW F00A4/A372 WITH A NON-ASIATIC FACE (Meeks gives 3 basic shapes for A16/A87)	Y	Y		
A15|R45	Y			x, ɔ , r ;p. ʜɯk ams ps. ɔ r:r: classifier nD wt-serh) corresponds to this iconography, not Dendera X. All other sources are wrong computer encodings for F0087/A02B or F00CD/A516 and should be transferred there. Reading of F009A/A87A is not sn-tA	Y	Y		
				a mxuqr r ʜʜʌ r ,ʌ = vasours A111 = HG A30 (without blood from the head)	W	?	DIFF	
				this has nothing to do with zpz/sps, but is a weeping man. I have no image yet	W	?	DIFF	

Comment MS	Change (Berlin)	Changes (post 19-02-2023)
	Wait	
also duplicated as DE308		
no rotation allowed		
	Redraw in place	
		Additiona l row.

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

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F00B7	A-05-011						A92B												A092B																				
F00C3	A-05-012				E		A92E		A02E										A092E											1		1					xx-t1	3
F00D4	A-05-013					20	A92D												A092D		R;1															A;147	r	3
F00B8	A-05-014						A94	A94			A94										R;2															A;807		2
F00B9	A-05-015						A93	A93			A93										R;3		1;7													A;161		3
F00DD	A-05-016				F		H00902												A093A														1			mih;fyr	2
F00BA	A-05-017				D		A95	A95			A95	1			1						R;4				1423;1	B11;6										A;165		5
F00BB	A-05-018				C		A97	A97			A97	6			4	2					R;5		1;7		1423;3											A;163		6
F00CF	A-05-019				D		ES032		ES032										A097A											3								2
F00BC	A-05-020				C		A98	A98			A98	8			5	3					R;6				1423;4	B11;8	a55;x1									A;173		6
F00BF	A-05-021						A374	A374			A374														A;1500											A;169		2
F00BD	A-05-022				C		A99	A99			A99	4			4						R;6															A;175	mih	3
F00BE	A-05-023				E		A96	A96			A96										R;7				1423;2	B11;7										A;157		4
F00C0	A-05-024						A96A	A96A			A96A																											
F00C1	A-05-025						A100	A100			A100														1423;5	B11;9												2

Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
				REDRAW: this image is the other version of the falling man (uncommon instead of A02), both hands and feet touching the earth. See my image.	Y	Y?		
				ATTENTION: This sign exists with and without the 3 dots, without is much more common. Please 2 variants	Y	Y		
				I have an image. It is classifier or phonogr. in -tr "to boast of". Is this a hapax? It could be a mistake for W10 and A15 too close together (from ti "enemy")	Y?	Y?	DIFF	
				I have an image, but the man is an Asiatic: classifier hdb yt "pile of thrown down ennemies"	Y	Y	DIFF	
				like F00B6/A92, but with one arm raised in adoration. Classifier kaw "bowing".	Y	Y		
			Beleg 1 is a different variant, (Kuentz, BdE 10, pl. 6), line 10, the bottom arm is 'raised'). Beleg 2 is a 'var'.	Description unfortunate: the man is not "written horizontally". He is "lying prostrate, stretched out horizontally, face downwards..." EXAMPLE Kuentz is probably F00B9/A37A. THIS IS NOT IFAO 8;4, since that man is lying on ist back	Y	Y		
Y	Y			REDRAW OR ADD NEW SIGN: the face is turned towards the bottom. See my images. Classifier hdb and gbgb "to overthrow"	Y	Y		
				REDRAW OR ADD NEW SIGN: the face is turned towards the bottom. See my images. another example: Grimal, victory stele of Piye, recto, line 21: classifier XA.yt, so should represent a dead body).	Y	Y		
Y	meaningfu l rotation	Y	Different function (to sleep/ to awake).	straight. MODIFY FUNCTION: classifier sDr "to lie horizontally/on the side" and classifier sTaw "to be straightened (horizontally)"; also classifier sAy.t "heap of corpses". In Esna II, 77,26 also for a drowned one (unusual).	Y	Y		
				MODIFY FUNCTION: sDr means "to lie on one side". I think also Kuentz, Stèles d'Aménophis II, BdE 10, Tf. 3, line 10 belongs to this hieroglyph (classifier sDr.yt "Niederlage" = dahinliegende Feinde)	Y	Y		
	Y	DIFF	nappaneo nere, out n ai four examples from Karnak, the code occurs in the name Cleopatre, when the V4 is corner inserted above the G1. I expect this is simply the code for that action for some reason.	ADD NEW SIGN: This resembles an enemy, lying on his back (FAO 8;4), which should be addd to Unicode. I have 2 images. Classifier hdb and gbgb "to overthrow"	NEW Y	NEW Y	DIFF	
				REDRAW OR ADD NEW SHAPE. ATTENTION: The Wenn-inscription has a different shape of swimming which fits A96A better, but is not completely identical. See my image. A96 looks like NK royal tombs	W	?	DIFF	
					W	?	DIFF	
					W	?	DIFF	

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
		Y (in core)		Y				Man, prostrating on a strip of land, right leg extended, left leg bend and raised, both arms downwards, slightly bend, with the hands at the same level as the left knee and toes of the right leg.		Restore A92B as a separate sign, while keeping F00B7 (i.e, add form without dots under the line). Still requires source.	
Y/I	Dendera XI, p. 10,8, pl. 14.	Y/R (in core)		Y/R				Man, written horizontally, facing downwards, both arms raised in front, written upon a base, with the hands and the toes touching the base.	Logogram sn-tA (kissing the land)	ooon nanos ano ooon feet touching the land. Move sign behind F00B7, as it is a variant of that sign, not a swimming figure. I am not certain this would represent a meaningful variant for Unicode.	
	KIU 4227, line 1 (near the end).	Y (in core)		Y				Man, prostrating on a strip of land, with grains of sand written below it., right leg extended, left leg bend and raised, both arms downwards, slightly bend, with the hands at the same level as the left knee and toes of the right leg.	Logogram sn-tA (kissing the land).	**Redrawn.** Redraw sign to include the dots fo the N16 below the oval as well.	
		N (auto)		N						Valeurs token (EdfU V, 113,2) could not be verified with an image.	
		Y (manual)	Y	N						Esna, i.e., could not be verified. None of Kurth tokens are this sign. *Added manually to the full list for backwards compatibility.*	
								wan, prostrascng, right leg extended, left leg bend and raised, left arm downwards, slighlty bend, with the hands at the same level as the left knee and toes of the right leg, right arm raised,			
Y/I	Dendera, porte d'Horus, p. 9,5, p. 89	Y (in core)		Y					classifier bowing, lowering to the ground (ksi)	Variant of (F00B6) A92	
								Man, written horizontally, facing downwards, with knees and hips hanging loosly on either side beside the body (i.e., a corpse lying on the ground).			
Y/I	KIU 1014, line 1.	Y (in core)		Y					Classifier corpse (XA.t)		
								Man, written horizontally, facing upwards, with knees and hips bend, with the arms bend at either side of the body, elbows downwards, hands upwards, facing outwards at either side,			
Y/I	KIU 988, col. 6.	Y (in core)		Y				swan. naness, wnssen horizontally, facing upwards, with the head looking downwards, with knees and hips bend, lower arm bend beside the body, elbow downwards, hand upwards, facing outwards, upper arm hanging loosely	Classifier to overthrow (hdb).		
										Verified by Peter Dils. I am not sure what word this belongs to (sb XA.t / sbSA.t / sb Sa.t etc.) Redraw sign with the face downwards, not upwards.	
Y/I	Esna VI 570,34, p. 64,2	Y/R (in core)		Y/R					Classifier corpse.		
								Man, written horizontally, facing upwards, arms hanging on either side of the body.			
Y/I	KIU 5850, col. 22	Y (in core)		Y					Classifier to sleep/ to awaken (sDr, sTs)	Should not be allowed to rotate.	
								Man, written horizontally, facing downwards, one leg extended, one leg bend, top arm hanging beside the body, bottom arm bend, forearm written horizontally, handpalm downwards.			
Y/I	Junker, Giza IX, p. 36 (fig. 12)	Y (in core)		Y					Classifier lying on one side (sDr)	Should probably be moved behinde F00BC (A98), as this sign represents sleeping, not swimming.	
								Man, written horizontally, facing downwards, knees and hips bend, arms raised at either side of the body, elbow bend downwards, hands upwards, facing inwards, with a round dotted line running between the hands (i.e., a man swimming).			
Y/I	Inscription of Weni, col. 47.	Y (in core)		Y					Classifier swimming (nots)	Should not be allowed to rotate, as it would seem to similar to F02DB (A9D).	
		N (auto)		N						No sources given.	
		N (auto)		N						I could not locate this exact sign.	

Comment MS	Change (Berlin)	Changes (post 19-02-2023)
	Additional row	
variant of A92	Redraw in new row.	
Horus 9,5		
	Yes/No	
	Redraw in place	
sleeping		
swimming, do not rotate		

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sta | GID | HG | HGx | Down | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yotte DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val Weight | Vols | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikor | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sta	GID	HG	HGx	Down	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikor	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Value	Weight	Vots	Comment DW	Vote DW Core (2021)	DW different iby	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD different ntly	Comment SP
F010C	A-06-046	𓀀						A112A												A112A																		1				I have a photo. This "flick on the head" are two FEATHERS, one on each side of the head, like the Pterophoros wear them	Y	Y	DIFF	
A07. Man seated or kneeling; holding something																																														
F0120	A-07-001	𓀀	𓀀		B			A114B	A114B		A114I								19;4	10;9										11					1	A;855	p^{3}cx:t	5				Wouldn't the following description be much easier, at least for the Egyptologist: Gardiner A1 holding an eggtike cake (p:t) in his front hand. Logogram p:t.	Y	Y		
F0121	A-07-002	𓀀	𓀀		B			A114	A114		A114		2			2			19;4	10;10	154;28	1;23								10	2			2	A;857	p^{3}cx:t x1:ch:cwr	9				Based on Edfu VII, 84,11, Edfu XIV, pl. DCXV (drand), I prefer to read this as a variant, where the man holds a X3B/X3C.	Edfu VII, 84,11 is F0120/A114B, not A114 (see my photo), but this type really exists. Gardiner A71/A426 holding an eggtike cake (p:t) in his front hand. Logogram p:t.	Y	Y		
F0122	A-07-003	𓀀	𓀀		B			A116B	A116B		A116I								19;7	10;11										9					1	A;701	swr	5					Gardiner A1 holding a cup W10. Classifier zwr "to drink" in D 11, 99.4; classifier Hmsi "to sit down (to drink)" in KIU 3784	Y	Y		
F0123	A-07-004	𓀀	𓀀		F			A115A													10;12														A;697	bnb	2					Valeurs A;697 has a different position of the legs (like A3, REDRAW! = Lefebvre, Petosiris, Text 58, line 32, 34, both wrong!). But this variant of F0124 is irrelevant.	N	N		
F0124	A-07-005	𓀀	𓀀		B			A115	A115		A115		14			13	1		19;6	10;13	154;29	1;25i		A;2042	1423;10	811;13			3					1	A;699		12	Y	Y		I see no reason to distinguish between this one and U13049 (F0126), we might consider straightening the back of U13049 a bit (i.e, clean up this image).	rounded bottom (bowl with rounded bottom probably older, compare Meidum bowl for drinking). Attested in Luxor (Reliefs and Inscriptions Luxor 1, OIP 112, pl. 26: Amenhotep III.) in phonogr./logogr. mswr "drinking place". VARIANT WITH CLIP W10 in Luxor wwwx tore version also has a straight back. Be aware that Junker, Giza III, p. 135 has the back bent slightly forward. Rear shoulder is not good Egyptian style (see F0126/F0127)	Y	Y		
F0125	A-07-006	𓀀	𓀀	13049	B			A116	A116		A116		43		15	28			A064		10;14									3					A;703		5	Y	Y				Junker, Giza III, p. 135, fig. 17, line 3.2.	Y (v5.2)		Y		
F0126	A-07-007	𓀀	𓀀					A64			A64								A64																		1					not in Hieroglyphica and meaningless variant of F0125	N	N		
F0127	A-07-008	𓀀	𓀀					A191		A191																																not in Hieroglyphica and meaningless variant of F0125	N	N		
F0128	A-07-009	𓀀	𓀀		F			A410	A410		A410		1			1								A;2040														2				Comes from P. Rameseum IV, (Barns, pl. 20, left side, col 2), but only in transcription of a damaged section, I wonder if it should not simply be read as A2.	have a number of references that I have to check, but this shape really exists. I can't find the spot in pRameseum IV, but that is irrelevant because of the other references. NEW VARIANT: Man holding cup/bowl with both hands to his mouth	Y	Y	DIFF	
F0155	A-07-010	𓀀						A410A												A410A																												
F0129	A-07-011	𓀀	𓀀		E			A117	A117		A117										10;15	154;34	1;26													A;707	f1:f2:f4	4				ADD NEW SHAPE? All my tokens are royal (Type A57). One token without royal markings, but different attitude. See image	W	?	DIFF	
F0156	A-07-012	𓀀						A117E												A117E																												
F012A	A-07-013	𓀀	𓀀					A117C													11;1														A;711		2						W	?	DIFF	
F012B	A-07-014	𓀀	𓀀					A118	A118		A118										11;2														A;713		2						W	?	DIFF	
F012C	A-07-015	𓀀	𓀀		F			A117A	A117A		A117I		1				1				11;4			A;2100											A;709		4				karnak token (KIU 6144, line 1) is so damaged, it is practically lost.		W	?	DIFF	
F012D	A-07-016	𓀀	𓀀					A117D													11;5														A;705		2						W	?	DIFF	
F012E	A-07-017	𓀀	𓀀					A57A	A57A		A57A																																2 other variants of A57.	new	new		

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
								Man, standing, wearing a lion/leopard skin, tail between the legs, with two backwards curving lines on the head, right arm extended forwards, forearm on waist hight, holding a staff with a triangular shape below the right hand (point downwards), left arm raised towards the front hand at shoulder hight, holding a bookroll, held vertically.	Classifier lector priest (Kr:y-Hb.t Hr:y-tp)	Verified with image from Philipp Seyr.		redraw of A112		
Y;I	Edfu VI, p. 10,10	Y (in core)		Y										
Y;I	Edfu VII, 84,11, Edfu XIV, pl. DCXV (drand); Dendera VIII, p. 33,3	Y (in core)		Y				knee raised, right arm raised, holding a conical shape at the hight of the shoulder, angled forward, left arm in front of body.	Logogram p:t (humankind, patricians)	Dendera token verified by Peter Dils.				
Y;I	Dendera XI, p. 151,4, pl. 109, bottom image.	Y (in core)		Y				Man, seated, right knee raised, right arm raised, holding a conical shape at the hight of the shoulder, angled forward, left arm hanging beside the body.	Logogram p:t (humankind, patricians)	Note that quite a few of the tokens allocated here are actually F0120 (A114B).				
Y;I	Dendera XI, p. 99,4, pl. 74, column between the water and the king; KIU 3784, line 6.	Y (in core)		Y				Man, seated, right knee raised, right arm raised, holding a cup or vessel, about the size of the hand, at the hight of the shoulder, left arm in front of the body.	Logogram swr (to drink)					
		N (auto)		N						Not a meaningful graphical variant of F0124 (A115).		vase slightly larger and on the right		
Y;I	KIU 3553, line 5; BM EA 20050, lid, middle text, 3rd col. From the left.	Y (in core)		Y				Man, seated, right knee raised, right arm raised, holding a basin or wickerwork basket at the hight of the shoulder, left arm hanging beside the body.	Classifier swallowing (sam)	Note that in this token, the arm is more straight, as the bowl is held closer to the bottom of the sign. (BM token thanks to Kea Johnston)				
Y;I	Junker, Giza III, p. 135, fig. 17, line 3.2.	Y (v5.2)		Y				Man, seated on heel, both knees down, back straight, arm extended in front, forearm horizontal, holding a wide cup (W10).	Classifier to lift, to carry (Ka).	**Redrawn.** (Should become the sign for U+13049 instead of F0126.)				
										Unicode V.14 form. Not valid to include F0125, F0126 and F0127 in Unicode. There is no semantic value to the angle of the back (although facsimile examples support F0125 over F0125 and F0127). As F0126 and F0127 lack practical sources, these should be excluded in my opinion.				
N		N (manual)	N	N						No suggested sources, and sign is practically identical to A64.		dup A64		
N		N (manual)	N	N										
Y;I	und H. Altenmüller, Das Grab des Nianchchnum und Chnumhotep, AV 21, Mainz 1977, 83a (Szene 11.3.1) und taf. 24.	Y (in core)		Y				Man, seated, right knee raised, right arm raised, holding a cup or vessel, with the vessel at the mouth, left arm hanging beside the body.	Logogram swr (to drink)	Verified by Peter Dils.			Yes	
Y;I	Stele des Harmen, Florence 2549 (Bosticco, Stele II, Nr. 14), line 4.	Y (in core)		Y				Man, seated, right knee raised, both arms raised at the front, holding a cup or vessel, with the vessel at the mouth.	Classifier drinking (swr)	Found and verified by Peter Dils.			Additional row	
		N (manual)	N	N						Suppressed in favour of the new form below. Kurth and Valeurs refer to WB I, 573,11, of which the Karnak token is a different sign (see KIU 1925, line 1). I could not locate the Medinet Habu token (supposedly in room 44, but I could not locate it in the OIP publications).				No/No
Y;I	KIU 1925, line 1	Y (in core)		Y				Man, seated on heel, right knee raised, with arms raised in front, hands horizontal, at the hight of the shoulder, handpalms upwards, holding a tray with a pile of offerings, resembling a half circle.	Classifier lifting/carrying (Ra)	Make sure the right foot does not extend beyond the knee.			Additional row	
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						I could not locate a viable token.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.		king		

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val Weight | Vols | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Value	Weight
F0139	A-07-035				F		A121	A121			A121											19;8	11;14						1				C;165	*P*	4
F013A	A-07-036				F		A121A	A121A			A121U												11;15									A;663		2
F013B	A-07-037				C		A121B	A121B			A123I		2		1		1						1;25f							2						4
F0154	A-07-038						A121D													A121D																	1
F0151	A-07-039				F		A121E		ES127											A121E										1						2
F013C	A-07-040				C		A482B										1_7064		A482B																	2
F013D	A-07-041			13000	B		A11	A11			A11		22			22		1_114	A11	A011			1;24a	A;2500		806;12									*xmmty*	7
F013E	A-07-042				D		A184	A184			A184												1;25a		1424;6	812;4				2				A;681	*x zhw*	5
F013F	A-07-043				C		A376	A376			A376		1				1					26;7	154;90	1;25h	A;2020					3			A;679	*ih f*	7
F0140	A-07-044				F		A377	A377			A377												1;25d											A;647		2
F0141	A-07-045				E		A378	A378			A378												154;31	1;25e						2					*r*	3
F0142	A-07-046				F		A379	A379			A379												1;25b											A;653		2
F0143	A-07-047				D		A512		A512											A512				1;25n					3						3
F0152	A-07-048				F		ES152		ES152											A512A										1						2
F0144	A-07-049				F		A176B	A176B			A176I												1;25o							1						2
F0145	A-07-050						A382	A382			A382														A;2000											1
F0146	A-07-051						A380	A380			A380														A;2180											1
F0147	A-07-052						A338	A338			A338																										
F0148	A-07-053						A381	A381			A381																										
F0149	A-07-054						A367	A367			A367																										

Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP
					Y	Y		
					W	?	DIFF	
			TSL candidate, BM EA 10185,5 (P. Sallier I), col 8,11. However, it might be better to read this as A121 (F0139).					
				OK, redraw feet	Y	Y		
				Perhaps we should limit ourselves to ONE type for the Core list, i.e. to F0154? Also leave out of the full list and only in TSL?	Y?	N	DIFF	
					Y	Y		
Y								
				REDRAW: both knees on the ground (I have a photo); read jb=f; TWO TYPES	Y	Y	DIFF	
				TWO TYPES: (1) classifier rx:yt-people (the bird should be a hoopoo, but is not identifiable as such;(2) loggr. sAw (Esna VII, 598, p. 134.3): bird should be zA-duck				
					W	?	DIFF	
				OK, but in all 3 know instances (2 x D 14) the man is sitting on his bottom, both knees up.	Y	Y		
				the man is sitting on his bottom, both knees up. in my opinion the man should be looking backwards in order to achieve the reading antjw in Esna VII, 605.12 and also in Esna VII, 560.8 (wrong encoding)	Y W	Y ?	 DIFF	

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								Man, seated, right knee raised, with a circle (sun-disk) on his head, arms raised at either side of the body, supporting the sign for the sky (N1) which has the points at the hands, with the sign on top of the circle.			
y,i	Dendera II, p. 194,4, pl. CLII.	Y (in core)		Y					Logogram HH (Heh (divinity).		
		N (auto)		N						vns, p. 222, which does not state where in the temple this sign supposedly occurs. redrawn into F0139. (Redraw the sign with the foot position of F0139 (A121), but without the circle on the head. (Esna tokens do not really support the foot extending beyond the knee). Verified by	
		N (manual)	N	N		F0154					
								Man, seated, right knee raised, arms raised at either side of the body, supporting the sign for the sky (N1).			
y,i	Esna VII 603,01, p. 145,12; KU 4288, line 1.	Y (in core)		Y					Logogram twA (to support, to raise).	Verified by Peter Dils.	redraw of F013B (A121B)
								Man, seated, both knees down, arms raised at either side of the body, supporting the sign for the sky (N1).		F0154B (A121D) with both knees down. Verified by Peter Dils (arms are less square). However, one could wonder how useful this	
y,i	Esna VII 603,15, p. 148,2	Y (in core)		Y					Classifier to hold up, to support (ex, in the title as-p-t).		
								Man, seated, right knee raised, right arm raised in front, left arm behind the back, holding a stick.			
y,i	TSL	Y (in core)		Y					Classifier vocative interjection.	Not a meaningful variant of F023C (A56).	
								Man, seated, right knee raised, right arm raised in front, holding a sceptre (S42), angled towards the head, left arm in front of the body, holding a stick, resting against the shoulder.			
y,i	TSL	Y (vS.2)		Y					Phonemogram xnms.		
								Man, seated, right knee raised, right arm raised in front, holding a loop of cord with the ties at the top, at the hight of the shoulder, left arm hanging beside the body.			
y,i	Esna VII 633,00, p. 227,10	Y (in core)		Y					Phonemogram xnm. (in xnm.t, the island Biga).	Verified by Peter Dils.	
								Man, seated, right knee raised, right arm raised in front, holding a round vessel with an upstanding rim (ne-vase, W24), at the hight of the shoulder, left arm hanging beside the body.			
y,i	KU 3601, line 1 (near the end of the line)	Y (in core)		Y					Phonemogram iwn		
								man, seated, soon knees down, foot flat, both arms forwards, hands horizontal, palm upwards, supporting an African sacred ibis (Threskiornis aethiopicus)	Phonemogram/logogram ibA (his heart).	Valeurs/Kurth token (Esna II, 70;9, p. 149,1) could not be verified with an image, and has both knees down in the transcription there.	
								Man, seated, right knee raised, right arm raised in front, right hand held horizontally, supporting a duck or goose (G38-G39), left arm hanging beside the body.			
y,i	Esna VII 582,16, p. 95,8	Y (in core)		Y					Classifier people (rx.yt).	Verified by Peter Dils. Esna VII 598,00, p. 134,3 is a variant, kneeling and left arm in front of chest.	
		Y (manual)	Y	N						Kurth/Valeurs token (Esna III, 217,28 (nr. 47), p. 58,10 could not be verified with an image. *Added manually to the full list for backwards*	
								Man, seated, right knee raised, right arm in front, right hand horizontally, supporting a face (D2), left arm hanging beside the body.			
y,i	Dendera Porte d'Isis, p. 58,2, pl. 63 (krand).	Y (in core)		Y					Logogram ib(w) (farmer/gardener).		
								Man, seated, right knee raised, right arm in front, right hand horizontally, supporting a hoe (F34), left arm in front of the body.			
y,i	Esna VII 619,46, p. 194,1	Y (in core)		Y					Phonemogram ht=f (from 0A) Hr).	Verified by Peter Dils. Token technically has the legs technically a bit different.	
		N (auto)		N						Kurth/jH-t token was not clear enough on Peter Dils image to be certain the man holds a XB.	
		N (auto)		N						I could not verify CT VI, 195,e (B9SC) with an image. (but I doubt it is this sign).	
	Petrie, Dendera, pl. X, Sen-nez-su. Left fragment, line 3; Fischer, Dendera, p. 154-155.			Y				Man, seated, right knee raised, right arm in front, holding a sheaf of grain in the right hand, left arm hanging beside the body.			
y,i		Y (in core)							Classifier reaping (Sw)	Function litterally is to cut off, but based on the sign the implied function has to do with harvesting.	
		N (auto)		N						No sources given.	
		N (auto)		N						No sources given.	
		N (auto)		N						No sources given.	

Comment MS	Change (Berlin)	Changes (post 19-02-2023)
heh		
redraw of F013B (A121B)		
	Yes	
	Yes	

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val Weight	Vols	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
F015D	A-07-055							A516												A516																											
F014A	A-07-056				D			A357	A357			A357									26;6			1;25l						3							rn:f	3											
F014B	A-07-057				F			A402	A402			A402											154;57	1;25g												A;677	3											
F014C	A-07-058							A349	A349			A349												1;25m													1											
F014D	A-07-059							A131	A131			A131																								A;641	1											
F014E	A-07-060				F			A131C	A131C			A131C													A;7800					1						2											
F014F	A-07-061							A494	A494			A494																																			
F015D	A-07-062							A507	A507			A507																																			
A08. Man standing; holding something																																														
F0160	A-08-001				B			A98	A98			A98	4	1	2	1			10;4	12;1		1;27c			1421;10	806;10			4	2		2		A;805	12	Y		Y								
F0161	A-08-002				F	S		A403	A403			A403																								A;753	1											
F0162	A-08-003				F			A9E		A9E			1																	1						1											
F0163	A-08-004				F			A123A														12;2													A;817	2											
F0164	A-08-005				E			A123	A123			A123	1			1						12;3		1;27b												A;777	4											
F0165	A-08-006							A123B														12;4													A;779	2											
F0166	A-08-007				F			A124A											A124A		A124A	12;5													A;813	3											
F0167	A-08-008				E			A124	A124			A124										20;1	12;6		1;27a											A;815	4											
F0168	A-08-009							A125	A125			A125										12;7	154;35													A;825	3											
F0169	A-08-010							A126A											A126A			12;8													A;827	3											
F016A	A-08-011							A126	A126			A126										12;9													A;785	2											
F016B	A-08-012							A127	A127			A127										12;11													A;763	2											
F016C	A-08-013				D			A119A	A119A			A119i	2			2						12;13	154;32													A;751	4											
F016D	A-08-014				A			A121C	A121C			A121i	29	11	15	3			19;9	12;14	154;38	1;28g		A;5300	1423;12	811;14	a23 v21	A800i	96	3	1		1	1	A;769	18	Y		Y								
F016E	A-08-015				F	S		A404	A404			A404																								A;773	1											
F016F	A-08-016							A130	A130			A130										12;15													A;775	2											
F0170	A-08-017				F			A523		A523			1																	1						1											
F0171	A-08-018							A122	A122			A122																									rmn:n:hd											
F0172	A-08-019				E			A407	A407			A407	1			1																				A;781	2											

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
	M. Megerman, La collection égyptienne de la Glyptothèque Ny Carlsberg, Copenhague 1930, 67, 71, 64,							Man, seated, right knee raised, right arm raised in front, holding a papyrus scroll at a 45° degree towards the face, left arm in front of the body.					Additional row	
Y/I		Y (in core)		Y					Classifier lector priest (Ir_y-Ht-t)					
Y/I	Dendera XI, p. 163,8, pl. 118, bottom image, rightmost column.	Y (in core)		Y				Man, seated, right knee raised, right arm raised in front, holding a sedge (M23) at the top, left arm raised to the back, holding a sedge (M23) at the top.	Phonemogram nn.	Token is not clear enough to be certain the plants are M23, not M22. Based on the function the M22 seems more likely.				
Y/I	Esna II, 156,18.	Y (in core)		Y				Man, seated, right knee raised, both arms raised at the front, holding an oval cartouche on his head.	Logogram rn=f (his name).	Verified by Peter Dils. Kurth/Valeurs token (Esna II, 156,18) could not be verified with an image.				
		N (auto)		N						Current interpretation of this sign is T3i_1_7085 (i.e., different sign).				
		N (auto)		N						No sources given.				
Y/I	Esna VI 540,00, p. 8,6	Y (in core)		Y				Man, seated on heel, both knees down, both arms extended in front, supporting a child (A17: knees at 90°, both lower legs visible, slightly apart, right arm raised with hand to mouth, left arm hanging beside the body).	Phonogram f	Verified by Peter Dils. H&S token is a different sign (basically B5 with a man).				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
Y/I	KIU 6449, line 1	Y (in core)		Y				Man, standing, a vessel (W10) on his head, right arm raised in front, with the hand at the vessel, left arm hanging beside the body.	Logogram iAi (to lift, to carry).	Lwenay. vaseurs token (Esna II, 141,14, p. 254,7) could not be verified with an image.				
		N (manual)	N	N						zm-u token (Lwenaera XII, p. 151,7) could not be verified with an image.				
		N (auto)		N						vaseur tokens are a misread for F0160 (A98).				
		N (auto)		N										
Y/I	Mastaba of Merib (Priese 1984), p. 33	Y (in core)		Y				wan, standing, a horizontal oval on his head, right arm raised in front, with the hand at the oval, left arm hanging beside the	Classifier to lift, to carry (iAi).	Distinct from F0160 due to the oval, not a W10 on the head.				
		N (auto)		N						No sources given.				
Y/I	Edfu IV, p. 11,6	Y (in core)		Y				Man, standing, a tall oval vessel with upstanding rim on his head, right arm raised in front, with the hand at the vessel, left arm hanging beside the body.	Logogram kA:t (work).	Verified by Peter Dils.	object on head is smaller			
Y/I	Edfu IV, p. 11,6	Y (in core)		Y				Man, standing, a circle on his head, right arm raised in front, with the hand at the circle, left arm hanging beside the body. arms raised at either side of the body, supporting a vessel with a small base and a broad rim (W77), with three vertical oval loaves of bread on top of it.	Phonemogram f.	Verified by Peter Dils. **Redrawn in place** (Redraw sign to only have 3 oval loafs). I would not call ESU 575, line 16 (CG 34001) this sign, but rather a form of F0165 at best (sign is not really clear).				
Y/I	Edfu IV, p. 309,5	Y (in core)		Y					Logogram fAi-(i)x.t (to raise up offerings).					
Y/I	Edfu IV, p. 76,15.	Y (in core)		Y				arms raised at either side of the body, supporting a vessel with a small base and a broad rim (W77), with three vertical oval loaves of bread on top of it, interspaced by two round loaves.	Logogram fAi-(i)x.t (to raise up offerings).	Verified by Peter Dils. Redraw the tray to be as F0168 (A125), but with the current width.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		Y (=D_Ebih/WG)		N						vaseurs token (LENU III, p. 198,19) could not be verified with an image.				
Y/I	KIU 2481, line 17 (Sandeau)	Y (in core)		Y				wan, standing, arms raised at either side of the body, supporting the sign for the sky	Logogram twA-p.t (to supppor(t)o raise the sky).					
		N (manual)	N	N						Sign in Esna III, 224,1, p. 70,4 is more elaborate, as there is additionally a N35 between the arms. Could not be verified by an image though.				
		N (auto)		N						No sources given.				
		N (auto)		N						zm-u token (Lwenaera XII, p. 325,4) could not be verified with an image.				
		N (auto)		N						No sources given.				
Y/I	KIU 4846, line 5	Y (in core)		Y				Man, standing, with a shrine, seen from the side (O18) on his head, both arms raised in front, supporting the shrine.	Phonemogram f.	Note that the sign in KIU 4846 is damaged.				

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val xi1 | Weight | Vols | Comment DW | Yote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikee | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhon | VP Val xJ | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F018B	A-09-030							A133B	A133B			A133I																											
F01C1	A-09-031							A133B	A133B			A133I													A;1907														1
F0189	A-09-032							A132	A132			A132										14;5														A;889		2
F018A	A-09-033							A6G	A6G			A6G													A;1905														1
F018C	A-09-034							A6F	A6F			A6F																										
F018D	A-09-035							A6I	A6I			A6I																										
F018E	A-09-036							A350	A350			A350																										
A30. Man standing; pouring water; spreading powder																																					
F01D0	A-10-001				C			A135H									1_7060			A135H																	2
F01DF	A-10-002							A135I												A135I																	4
F01D1	A-10-003				C			A135B	A135B			A135I	3			3					20;4	14;6													A;895		4
F01D2	A-10-004				E			A36B	A36B			A36B										14;7			A;987										A;987		3
F01D3	A-10-005				E			A135	A135			A135										14;8					812;1								A;891		3
F01D4	A-10-006							A135G														14;9													A;897		2
F01D5	A-10-007				C			A135C	A135C			A135I	4			4					20;3	14;10	154;39	1;33b			1423;15			3			2	1	A;893		10
F01D6	A-10-008							A135A	A135A			A135J										14;11													A;901		2
F01D7	A-10-009							A135D	A135D			A135I													A;4200										A;899		2
F01D8	A-10-010							A135E	A135E			A135I													A;1903												1
F01D9	A-10-011				F			A135F	A135F			A135I	1			1					20;4									1							3
F01DA	A-10-012				C			A136	A136			A136	1			1					20;5	14;12		1;33j	A;3650	1423;16	812;2									A;903		8
F01DB	A-10-013			13045	C			A60	A60			A60	5			1	4			A060	18;2		154;20	1;34	A;4500	1422;8	808;13			6	1		5			12

Vots	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG (Rastraw sign based on the variant forms, with the line of water replaced with a double line of dots, and with both arms forwards with the hands in the dotted line). A variant sign supposedly occurs in Leningrad 5631, according to Fischer, Dendera, p. 133, I currently could not locate an image. Another variant in Turin supp. 1270. This exact form is not supported.	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
					ADD NEW VARIANT FOR TURIN Inv. S 13114 and Leningrad 5631; it is attested in at least 3 instances	New Y	New Y				N (manual)	N	N		F01C1		heel, right leg extended with the foot in front of the left knee, both arms extended forwards, one arm at the hight of the shoulder, one at the height of the of the chest, handpalms horizontal, handpalms upwards, inside a double dotted line running from two vessels with a small base and a broad rim (W77), in front and behind the man, with the	Loggram wab (pure, clean).	Redraw sign with the legs of F018B.		redrawn as F01C1	
1										Y;i	Turin S. 13114, top line.	Y (in core)		Y								
2												N (auto)		N						No sources given.		14;6 is moved	
1					OK	Y	Y			Y;i	Petrie, Dendera, pl. IX (false door, right jamb).	Y (in core)		Y				Man, seated, right knee raised, both arms in front, forearms horizontal, hands upward, with a rectangular vessel below the arms, and two lines of liquid running from the hands over the head to the back, ending around the waist.	Loggram wab (pure, clean).	Technically the liquid in the token is a dotted line, not the wavy line depicted here.			
						W	?	DIFF				N (auto)		N						No sources given.			
						W	?	DIFF				N (auto)		N						No sources given.			
						W	?	DIFF				N (auto)		N						No sources given.		org A350 mod to be like Sjesh	
2					OK (is the TSL-token really without the water?) PLEASE CHECK. I don't know the source	Y?	Y?			Y;i	TSL	Y (in core)		Y				Man, standing, both arms forward, holding a tall water pot with a spout (W14A), as if to pour.	Classifier pouring (stt).			pouring	
					same as F01D0/A135H, but with water pouring out: Cairo CG 42207, right side, column 6; Same variant in D14, 48.3	Y	Y	DIFF		Y;i	Statue CG 42207, right side, line 7 (Jansen-Winkeln, ÄAT 8)	Y (in core)		Y				Man, standing, both arms forward, holding a tall water pot with a spout (W14A), with a forwards, downwards ripple of water coming from the sprout.	Classifier pouring (stt).	Exists, but I have my doubts it is a meaningful variant for Unicode.		Yes	
4		Y	DIFF	The TLA link did not give any belege for me.	This sign should be removed to another position. It is a brewer. Same sign is A36A = F018B and variant is A36 = F0216	W	?	DIFF				Y (=D_JSeh/HG)		N						Cauville has A135F, not A135B. I could not locate the Valeurs tokens either (I is Brugsch, the other Loret).			
3						W	?	DIFF				N (auto)		N						Valeurs token is F018B (A36A). Drioton, ASAE 43, p. 347 did not have this sign.			
2						W	?	DIFF				N (auto)		N						No sources given.			
10	Y	Y			ATTENTION: Statue 22nd Dyn. CG 42207 is not this variant: he is holding the vase with both hands. Same variant in D14, 48.3. This sign F01D5/A135C on D10, 179.8 and on a statue of Bakenchons	Y	Y			Y;i	KIU 4238, line 14.	Y (in core)		Y				Man, standing, right arm forward, holding a tall water pot with a spout at a 45° angle, with water issuing from the spout, left arm hanging beside the body.	Loggram stt (to pour).	Function following Karnak database, could be qbH (to libate) as well.			
2						W	?	DIFF				N (auto)		N						No sources given.			
2					sign used in Esna II, No. 208, line 26 (Osiris 66: reading here "x" in name "Osiris", from stt); KIU 2488 is good; Hornung & Schenkel is xAi "to measure (barley)"	Y	Y			Y;i	KIU 2488, line 14.	Y (in core)		Y				Man, standing, both arms forward, holding a vessel at the hight of the waist, with a dotted line coming from the vessel.	Loggram qbH (to libate)?	Function in this source is uncertain however.			
1					and 132 note 7: only a tiny handdrawn hieroglyph from a MK coffin from Meir (M19Wa) in Warsaw Inv. 139.937: standing man with vase with water flowing out; read wab	Y	Y	DIFF				N (auto)		N						I could not access the H&S source: Acts 1st ICE 5.131.			
3				Badly damaged in Karnak, cannot be supported.	Karnak KIU 4325 is wrong: that is A60A; D 10, 329.10 is covered by a modern door	W	?	DIFF				N (auto)		N						JH-D/Cauville token (Dendera X, p. 329,10, pl. 215) is not clear enough to be certain it is this sign.			
8				There is no clear proof there is water in the hands, see BM EA 10685,4 (Chester Beatty IX), 9,2.	There is definitely one line of water above the hands on KIU 843, line 12. Louvre C66, col. 2 is not this sign, but it is B27 (Woman)	Y	Y			Y;i	KIU 843, line 12.	Y (in core)		Y				Man, standing, both arms forward, right forearm above left forearm, with a riple of water (N35) written nearly horizontally above the right forearm and hand.	Classifier greeting (mini).				
12						Y	Y			Y;i	KIU 4166, line 1	Y (v5.2)		Y				Man, standing, right arm forward, forearm horizontal, handpalm upwards, left arm backwards, upper arm horizontal, forearm nearly vertical, handpalm inwards, with a dotted line running between the handpalms.	Loggram stt (to sprinkle, to scatter).			gardiner glyph slightly different	

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val ugl | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vols | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikee | Caurw | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhon | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vols | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unlker	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F0255	A-12-073							A482	A482			A482																									*fmt*	
F0256	A-12-074				D			A351	A351			A351	**2**		1	1																				A;962		3
F0257	A-12-075							A411	A411			A411																										
F0258	A-12-076				C			A413	A413			A413	**1**			1		1_656								1426;1				1								4
F0259	A-12-077							A418	A418			A418																										
F025A	A-12-078				F			A513		A513										A513										1								2
A13. Shepherd and porter																																				*xtw*	
F0270	A-13-001							A160A														17,5													A;1041	*xtw*	2
F0271	A-13-002							A160B														17,6													A;1037	Aḫ:t:tw	2
F0272	A-13-003				B			A160	A160			A160	**11**			11					20,8	17,7	154,8							2	14				A;1039	*x:x1*	7
F0273	A-13-004			13038	A			A47	A47			A47	**994**		428	551	15	1_748	A47	A047		17,8	154,8	1;41	A;5800		810;1			1					A;1053		13
F0274	A-13-005							A47A	A47A			A47A										17,9													A;1051	*wnt:x:x1:xtw*	2
F0275	A-13-006				F			A47I												A047I		17;10													A;1055		3
F0295	A-13-007							A47L												A047L																	
F0276	A-13-008							A47I														17,11													A;1073		2
F0277	A-13-009				E			A161	A161			A161	**1**			1						17,12								1					A;1075	*bry:x1*	4
F0278	A-13-010				E			A49A	A49A			A49A	**1**			1						17,13													A;1059		3
F0279	A-13-011							A49B														17,15													A;1057		2
F027A	A-13-012							A49C														18,1															1
F0296	A-13-013							A49E												A049E																	
F027B	A-13-014				B			A48A	A48A			A48A	**43**			41	2					18,2	154,9						A04B	8	11	7		2	16	A;1067		11

Comment DW	Vote DW Core (2021)	DW differentiality	Comment JG	Comment PD [CLEANUP] / cassumer snw-musician: error for a man holding a sistrum (?) and a clapper (Stela Turin Inv. 1447	Vote PD Full	Vote PD Core	PD differentiality	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
											N (auto)		N						No sources given.				
			Only in transcription, P. Leiden I 348, verso 9,1. I rather not add this without verification. (transcription, see Gardiner, Late Egyptian Miscellanies, p. 135, 135a)								Y (manual)	Y	W						I could not verify KRI II, 597,5 with an image (Nefertari inscription Karnak Mut temple).			Wait	
											N (auto)		N						No sources given.				
	Y								Y/i	TSL	Y/R (in core)		Y/R				Man, standing, both arms forward, forearms at the hight of the waist, holding a stick, striking a wick of twisted flax.	Logogram Hwi (to strike).	Redraw the sign with the stick a bit longer, and on a lower angle, so that the top of the stick is against the top loop of the wick.			Redraw in place	
									Y/i	Edfu II, p. 275,4; pl. CCCCXVII (bandeau).	Y (in core)		Y				Man, standing on top of a branch, back bend forwards, both arms forward, forearms at the hight of the waist, hands holding the branch which bend upwards.	Logogram waf (to bend down)					
									Y/i	Dendera Porte d'Isis, p. 25,8, pl. 30.	Y (in core)		Y				Man, standing, back bent forwards, both arms forward, towards a table or block with an oryx on its back on it, head towards the front, towards the belly of the oryx, legs bundled together, the right hand of the man extended towards the horns of the oryx, the left hand holding a knife near the forelegs of the oryx.	Logogram mA-HD sft (slaughtered oryx).					
											N (auto)		W						verity BdE 13 (Division), p. 93 with an image (supposedly tomb of Ramses VI, corridor C).			Wait	
																			Valeurs token (Edfu V, p. 324,1) could not be verified with an image. (note, no beard in transcription).				
											N (auto)		N										
check orientation of sceptter	Y		Scepter points outwards, see Edfu VIII, 154,6, Bartels photo T001.						Y/i	Edfu VIII, 154,6, (Bartels photo T001)	Y (in core)		Y				Man, seated, both knees up, with covered legs and arms, with short straight beard and short hair/wig, holding a crook (HqA, 538), with the opening outwards.	Logogram sAw (to guard).					
									Y/i	TSL	Y (v5.2)		Y				Man (shepherd), seated, both knees up, with covered legs and arms, with a short straight beard and short hair/wig, holding a stick which curves inwards, with a band of string or fabric, with the ties away from the body.	Logogram sAw (to guard).			A47I, in Esna VII 547,0		
											N (auto)		N						No sources given.				
									Y/i	TSL (TSL_3_748_01)	Y/R (in core)		Y/R				Man (shepherd), seated, both knees up, with covered legs and arms, with a short straight beard and short hair/wig, holding a stick which curves outwards with a band of string or fabric, with the ties towards the body.	Logogram mni.w (herdsmen).	Exist, but is not a valuable variant of F0273 (A47). If added, should be redrawn with the stick curving outwards (i.e., F0273, but rotate the stick/cloth combination).			Redraw in place	
									Y/i	Steindorff, des grab des Ti, pl. 118, above the figures on the boat on the right hand side.	Y (in core)		Y				Man (shepherd), seated, both knees up, with covered arms and legs, with a short straight beard and long head-cloth, holding a straight stick, with a loop near the bottom of the stick, loop outwards, with strokes on top of the loop.	Classifier herdsman (nr).	Found and verified by Peter Dils. It could be argued this represents a foreigner with a bushy beard as well.			Additional row	
											N (auto)		N						No sources given.				
			TLA token is A48B.								N (auto)		N						JH-D token (Dendera XIII, p. 297,2) could not be verified with an image.				
			TLA token is A47U, with only 1 line at the thing held (RdE 32, p. 78, pl. 5), col x+13.								N (auto)		N						Both Valuers tokens are F027C (A48B).				
											N (auto)		N						No sources given.				
											N (auto)		N						No sources given.				
									Y/i	Allen, BASOR 352, 2008, pl. 3.	Y (in core)		Y				Man (foreigner), seated, both knees raised, with covered legs and arms, wearing foreign headgear, with a bushy beard, holding an axe with a round blade and a curved handle (T7).	Classifier foreigner (asiatic) (aAm).	Found and verified by Peter Dils.			Additional row	
	Y								Y/i	KIU 3552, line 1	Y (in core)		Y				Man, seated, both knees raised, with covered legs and arms, with a short straight beard and short hair/wig, holding two sticks in a V shape.	Logogram ir·y (relating to; belonging to)	Similar to F027C (A48B), but with beard				

| Index | Catalog | Glyph | G-2021 | UCS | Prioritisation | Sequence | Sign | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikemet | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribis | ValPhon | VP Validation | Weight | Vots | Comment DW | Yotes DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vois | Comment DW | Yote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikee | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vols | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
																																						w kis	
F02DE	A-15-037				D			A45E	A45E			A45E									26;9				A;2140					1						A;733		4
F02DF	A-15-038							A49E	A49E			A49E									27;1																	1
F02E0	A-15-039				E			A90B	A90B			A90B											1;33i							1								2
F02E1	A-15-040							A90D	A90D			A90D																										
																																				r;mk;w ki	
F02E2	A-15-041							A18E	A18E			A18E											1;28b		A;2141											A;731		3
F0307	A-15-042							A188A												A188A																	
F02E3	A-15-043							A38?	A38?			A38?																									
																																				fH g!w	
F02E4	A-15-044							A18?	A18?			A18?											1;33f		A;4020											A;969		3
F02E5	A-15-045				C			A376A	A376A			A376J											1;29c							1		2		1			4
F030B	A-15-046							A376B												A376B																	
																																				nb t!wy	
F02E6	A-15-047				E			A38(	A38(			A38(											1;28c													A;761		2
F02E7	A-15-048							A38E	A38E			A38E																	1425;16		a18 v23							2
F02E8	A-15-049							A35(	A35(			A35(											12;45															1
F02E9	A-15-050							C146	C146			C146																										
F02EA	A-15-051							A15(	A15(			A15(													A;2901													1
F02EB	A-15-052							A34(	A34(			A34(													A;1300													1
F02EC	A-15-053							A38(	A38(			A38(													A;2160													1
F02ED	A-15-054							A41?	A41?			A41?													A;4300													1
F02EE	A-15-055				E			A41?	A41?			A41J	1			1									A;4301													2
F02EF	A-15-056					S		A131D																													
F02F0	A-15-057							A179?	A179?			A179?																									
F02F1	A-15-058							A34(	A34(			A34(																									
F02F2	A-15-059							A34(	A34(			A34(																									
F02F3	A-15-060							A38(	A38(			A38(																									

Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Siz	GID	HG	HGx	Dour	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Uniker	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richn	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F02F4	A-15-061							A390	A390			A390																										
F02F5	A-15-062							A391	A391			A391																										
F02F6	A-15-063							A454	A454			A454																										
F02F7	A-15-064							A489	A489			A489																										
F02F8	A-15-065				F			A492	A492			A492																							1			1
F02F9	A-15-066							A504	A504			A504																										
F02FA	A-15-067							A505	A505			A505																										
F02FB	A-15-068							A506	A506			A506																										
F02FC	A-15-069							A509	A509			A509																										
F02FD	A-15-070				F			A510	A510			A510																								A;811	*iny*	1
F0302	A-15-071				F			HO0801												A174B													1					2
F02FE	A-15-072				E			DE385		DE385										A174C										2								2
F02FF	A-15-073				E			DE402		DE402										A174D										2								2
F0303	A-15-074				F			HO3501												A526													1					2
A16. Man or god holding a weapon																																						
F0310	A-16-001				F			A192	A192			A192	**1**			1						21;7														A;487		3
F0311	A-16-002				F			A193	A193			A193										21;8			A;2450	1424;8										A;671		4
F0312	A-16-003							A194	A194			A194										21;9														A;1009		2
F0313	A-16-004							A196	A196			A196										21;10														A;455		2
F0347	A-16-005							A196A												A196A																		
F0314	A-16-006							A197	A197			A197										21;11														A;475		2
F0315	A-16-007							A198A														21;12														A;479		2
F0316	A-16-008							A198	A198			A198									21;6	21;13														A;481		3
F0317	A-16-009			1304D	B			A199A	A199A			A199A	**28**		3	25			A68	A068	21;8	21;14	154;44	1;20	A;3920			a19 v3		26	1	2			11	A;489	*imnḫy;ʿn-wn;wpwty;m;mnḥwy;mdd mt;hbi;ḥntty;ḫ3ty;ḫ3d;ḳdfty;ds*	15
F0346	A-16-010							A199C												A199C																	*imnḥ;mnḥwy;ḫ3ty;sḥri*	
F0318	A-16-011				B			A199B		A199B										A199B	21;8	21;15								14	1					A;493		6
F0342	A-16-012				F			ES153		ES153																					1							1
F0319	A-16-013							A83A														22;1														A;491		2
F031A	A-16-014				E			A199	A199			A199									21;7	22;2			A;3900	1424;9										A;495		5
F0348	A-16-015							A199D												A199D																		

Index	Vote	Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font
F02F4													N (auto)		N
F02F5													N (auto)		N
F02F6													N (auto)		N
F02F7													N (auto)		N
F02F8													N (auto)		N
F02F9													N (auto)		N
F02FA													N (auto)		N
F02FB													N (auto)		N
F02FC													N (auto)		N
F02FD													N (auto)		N
F0302											Y/i	Dendera, porte d'Horus, p. 8,1, p. 88	Y (in core)		Y
F02FE											Y/i	Dendera XV, p. 252,1	Y (in core)		Y
F02FF											Y/i	Dendera XV, p. 294,3; Dendera XV, p. 343,9	Y (in core)		Y
F0303											Y/i	Dendera, porte d'Horus, p. 35,1, p. 122	Y (in core)		Y
F0310					No accesable TLA token left.								N (auto)		N
F0311													N (auto)		N
F0312													N (auto)		N
F0313													N (auto)		N
F0347											Y/i	Louvre C35, line 7 and col. 2; Simpson, Terrace, ANOC 2.1	Y (in core)		Y
F0314													N (auto)		N
F0315													N (auto)		N
F0316													N (auto)		N
F0317					TSL candididate, Dendera XI, 31,12, pl. 24 (line above Sekhmet, although with T30A as knife type). (seems to be unique to Graec-Rom period, adjust grapheme to hold T30A?)						Y/i	Dendera XI, 31,12, pl. 24 (line above sekhmet).	Y (v5.2)		Y
F0346											Y/i	Charles Ede Auktion, Katalog 192, London 2016, p. 18-23	Y (in core)		Y
F0318											Y/i	Dendera III, p. 191,17, pl. CCXLVIII.	Y (in core)		Y
F0342											Y?/i	Esna VII 620,00, p. 195,2	N (manual)	N	N
F0319													N (auto)		N
F031A											Y/i	Medinet Habu I, pl. 45, 46,38.	Y (in core)		Y
F0348											Y/i	OIP 8, Medinet Habu 1, pl. 28, pl. 54C (col. 43).	Y (in core)		Y

Index	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F02F4						No sources given.				
F02F5						No sources given.				
F02F6						No sources given.				
F02F7						No sources given.				
F02F8						No sources given.				
F02F9						No sources given.				
F02FA						No sources given.				
F02FB						No sources given.				
F02FC						No sources given.				
F02FD						F02E5 (A376A), i.e., holds a W24, not a N41.		~~~		
F0302				a line (hairlock?) coming from the head, right arm forward, forearm horizontal, holding a leaf, stem (bend forwards) and root of a lotus plant (M12B), left arm hanging beside the body.	Phonemogram xA	**Redrawn and replaced.** (Redraw. Figure is in a walking posture, and a line (hairlock?) comes from the head.)		Horus 8,1; redraw in place		
F02FE				Man, standing, right arm forward, holding a leaf, stem (bend forwards) and root of a lotus plant (M12B), left arm hanging beside the body.	Phonemogram xA-di.t.	Verified by Peter Dils. Origin (suggested by Peter Dils) based on a figure giving a xA sign (i.e. xA-di), or reference to xAtyw daemons (phonetically similar				
F02FF				arm forward, holding a leaf, stem (bend forwards) and root of a lotus plant (M12B), left arm hanging beside the body, holding a knife (T30A) horizontally.	Phonemogram xA-di.t.	Verified by Peter Dils. Note, although not clearly visible on the 'glyph' image, the sign indeed holds a knife, not a stick. Function reference to xAtyw daemons (phonetically similar		also holding a weapon		
F0303				Man, standing, right arm forward, holding the sun with rays of sunlight coming from it (N8) at the sun disk, at the hight of the shoulder, left arm is raised, upper arm horizontal, forearm vertical, left	Logogram nms (to illuminate)	The N8 is not as clear as I would like, but reading that over anyting else would make sense here.		Horus 35,1		
F0310						Not supported.				
F0311						transcription only, see CT III,16,c; 17,a; 185,c-d; 238,a; 239,a; 248,d (S1C-S2C); CT V, 2,c; 4,a; 5,b; 6,a; 7,b (S1C-S2C). H&S token is a different sign, (no arm at the back, and seated, not kneeling, see Fischer, Dendera, p. 124 (Petrie, Dendera, pl. 37, col. 20).				
F0312						No sources given.				
F0313						No sources given.				
F0347				Man, standing, right arm forwards, holding a bow, with the bowstring towards the front, left arm hanging beside the body holding an arrow without fletching, with the arrowhead in front of the body.	Logogram mSa (army).	Found and verified by Peter Dils. The arrow could be considered a spear as well.			Additional row	
F0314						No sources given.				
F0315						No sources given.				
F0316						Cauville token (Dendera IX, p. 83,4) could not be verified with an image.				
F0317				arm forward, forearm horizontal at the hight of the waist, holding a knife (T30) at an forward angle, left arm hanging beside the body.	Logogram wpw.ty (messenger)	**Redrawn and replaced.** Sign seems to be restricted to GR period, in which case the knife might be better represented by T30A (F3C70)		redrawn in place		
F0346				Man, standing, both arms towards the front, holding a knife (T30), as if to strike with it.	Classifier angry one (dndn.ty)	**Redrawn in place.** (Redraw with T30 knife instead of T30A.) Sign provided by Peter Dils.				
F0318				arm forward, forearm horizontal at the hight of the waist, holding a knife (T30A) at an forward angle, left arm hanging beside the body, holding a knife (T30A) horizontally.	Logogram hb.y (messenger/killer)	JH-D tokens could not be verified with an image (Porte d'Isis image was not clear enough to be certain second knife was there).				
F0342				Man, standing, right arm forward, forearm horizontal at the hight of the waist, holding a ?knife/stick? at an forward angle, left arm hanging beside the body, holding a stick horizontally.	Unclear.	Verified by Peter Dils. Not completely sure if the raised weapon is a knife or a stick though. I am not certain what the function should be (is the H6-T3/V24 part of it, or is that distinct from this sign. Likely a verbal form).			No/wait	
F0319						No sources given.				
F031A				Man, standing, arms extended at either side of the body, forearms horizontal at the height of the waist, holding a knife in both hands, angling away from the body.	Classifier driving away (sHri)	Both Cauville (2001) tokens were F0317 (A199A).				
F0348				Man, standing, right arm forward, hand at the level of the wist, holding a knife vertically, left arm raised, forearm vertically, holding a knife nearly horizontally.	Classifier slayer (xAbb).	Found and verified by Peter Dils. F0323 (A59A) with knifes instead of sticks.			Additional row	

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
																																					I!wiy;mmiy	
F031B	A-16-016				D			A200	A200			A200									22;1	22;3	154;45			1424;10	812;6										A;483		6
F031C	A-16-017							A200A														22;4														A;485		2
F031D	A-16-018							A24A														22;5														A;417	*nkrx;ab*	2
F031E	A-16-019							A199A														22;6														A;793		2
F031F	A-16-020							A24B														22;7														A;419		2
F0320	A-16-021			1301C	A			A24	A24			A24	**18368**	12074	6068	26	1_361	A24	A024	13;3	22;8	153;33	1;19a	A;1750		808;2			2	1				3	A;415	*nbt*	16
F0321	A-16-022							A199B														22;10														A;421		2
F0322	A-16-023							A59B														22;11														A;467	*nbr*	2
F0323	A-16-024				B			A59A	A59A			A59A	**13**	3	10						22;12	153;36				1422;7		≤17 v3				1		4	A;431		9
F0349	A-16-025							A59C												A059C																	*m;wai;ur;nbr*	
F0324	A-16-026				B			A25A	A25A			A25A	**4**		4				13;4	22;13	153;35	1;19c							16	4	1	3	1	A;429		11
F0325	A-16-027				E			A202	A202			A202														1424;11											*mn^;bbt*	
F0344	A-16-028							A202A												A202A		22;14														A;433	*nbr*	3
F0326	A-16-029			13044	B			A59	A59			A59	**28**	4	24		1_846	A59	A059	18;1	22;15		1;19			810;12								3	A;427		11
F034A	A-16-030							A199E												A199E																		3
F0327	A-16-031				F			A203	A203			A203	**1**		1							23;1														A;795		3
F034B	A-16-032							A203A												A203A																		3
F0328	A-16-033							A204	A204			A204										23;2														A;437		2
F0329	A-16-034							A205	A205			A205										23;3														A;423	*^b!;nbr;pwi-r*	2
F032A	A-16-035				D			A206	A206			A206	**1**		1							23;4			A;3902										A;465		4
F032B	A-16-036							A207	A207			A207										23;5														A;1363		2
F032C	A-16-037							A208	A208			A208										23;6														A;473		2
F032D	A-16-038							A209	A209			A209										23;7														A;471		2
F032E	A-16-039			13010	B			A25	A25			A25	**39**	6	33		1_383	A25	A025			153;34			A;3751		808;3			1			7					10
F032F	A-16-040							A128	A128			A128													A;3203												1
F0330	A-16-041				F			A12C	A12C			A12C	**1**		1										A;3202												2

Index	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F031B											Dendera VI, p. 25,6, pl. CCCCLXX6 (brand).	Y (in core)		Y				Man, standing, holding an harpoon with the point down, diagonally over the body, from the tip of the right foot beyond the left shoulder, right arm lowered, right hand holding the harpoon between the waist and knee, left arm raised, holding the shaft near the end.	Classifier iAwty (harpooner)				
F031C												N (auto)		N						No sources given. should have been read as F0120 (A24) instead.		variant of A200 w/ different head		
F031D												N (auto)		N										
F031E												N (auto)		N						No sources given. Should be considered part of category A18. Prisoner and enemy, not this section (variant of F034F (A14).				
F031F												N (auto)		N										
F0320											TSL	Y (v5.2)		Y				Man, standing, both arms towards the front, holding a branch, as if to strike with it.	Classifier force/effort.					
F0321												N (auto)		N						No sources given.		held object unclear		
F0322												N (auto)		N						No sources given.				
F0323				The image from the louvre of this stela is too poor to be certain, but I think the required details are there.						Y	Louvre C284, line 14	Y (in core)		Y				Man, standing, right arm forward, hand at the level of the wist, holding a stick vertically, left arm raised, forearm vertically, holding a stick nearly horizontally.	Classifier driving away (sfm)					
F0349											Smith, History of Egyptian Sculpture and Painting in the Old Kingdom, 1946, 206, fig. 75, pl. B	Y (in core)		Y				Man, standing, right arm forward, hand at the level of the wist, holding a curved rattle stick vertically, curving outwards, left arm raised, forearm vertically, holding a curved rattle stick nearly horizontally, curving upwards.	Classifier dancing (ibA).	Found and verified by Peter Dils.		Additional row	
F0324				Note however that although a variant, it can be hard to see the distinction between this an A25, or this and A21A.						Y	Brunner Tübingen, p. 84-85, pl. 54.	Y (in core)		Y				Man, standing, right arm forward, holding a stick horizontally, left arm hanging beside the body.	Logogram not (to be strong).					
F0325												N (manual)	N	N						**Redrawn into F0346.** (Redraw sign, replacing the maces with sticks instead.)				
F0344											P. Ramesseum 9 (BM EA10610,2), sheet 2, col. 56-58; Satrap stela (Cairo CG 22182), text, line 3.	Y (in core)		Y				To men, standing, facing each other, arms forward, holding sticks which cross each other.	Classifier battle (mna).			redraw of F0325 (A202)		
F0326											TSL	Y (v5.2)		Y				Man, standing, right arm forward, forearm and hand at the level of the waist, left arm raised, forearm vertically, holding a stick nearly horizontally.	Classifier driving away (sfm)					
F034A				Uncertain, as the sword in front of this sign is a variant (see T73), it is not unlikely that this token has the alternative blade as well (image is not clear enough to be certain). See Edfu VIII, 122,18, photo 0154, line above the dreintes,						Y	Boston museum of fine arts, 21.810b-c.	Y (in core)		Y				Man, standing, looking backwards, right arm forward, forearm and hand at the level of the waist, handpalm upwards, holding a star (NS), left arm raised, forearm vertically, holding a stick nearly horizontally.	Classifier ?	Found and verified by Tobias Konrad. F0326 (A59) looking backwards and with a star on the right arm.			Additional row.
F0327												N (auto)		N						TLA token (Edfu VIII, p. 122,18, Bartels photo 0154) is technically a variant.			Wait	
F034B											Edfu VIII, p. 122,18, Bartels photo 0154.	Y (in core)		Y				Man, standing, both arms forwards, holding a scimitar (khopesh), written vertically, blade curving forwards, with the head of a falcon with a sun-disk (NS) on top of it (T73B).	Logogram not (to be strong).	F0327 (A203) with F3877 (T73B) instead of T73.		Additional row	
F0328												N (auto)		N						No sources given.				
F0329												N (auto)		N						No sources given.				
F032A				TLA token (wekes), gca mastabas 5, fig. 35, above the dancing figures), has two sticks.						Y	kamses vi (KV9), book of the day (see BdE 13, p. 22,	Y (in core)		Y						TLA token is F0323 (A59A).				
F032B												N (auto)		N						No sources given.				
F032C												N (auto)		N						No sources given.				
F032D												N (auto)		N						No sources given.				
F032E				Note however that I find that the unicode grapheme overdoes it with the curl on the stick.						Y	TSL	Y (v5.2)		Y				Man, standing, back bend forward, right arm forward, holding a stick which slightly curves towards the body, left arm hanging beside the	Classifier force/effort.	**Redrawn and replaced.** (Redraw with less curl on the stick. (i.e., bash form, not MG from, it is a stick, not 539 (F39C4; U132FF))		redrawn in place		
F032F				Uncertain (image victory stela piye is not clear enough), recto line 17. However, as in line 16 the stick on the shoulder is visible, I highly doubt it was intentionally left out here, just not clearly visible.								N (auto)		N						TLA token is not this sign (kneeling, round shield, stick over shoulder, see Spalinger (1981), fig. 1 (victory stela Piye).				
F0330										Y(i)?	Cairo JdE 48862+47086+47089 (victory stela Piye, recto, line 17).	Y (in core)		Y						Exists, but not considered a valuable addition to Unicode.			Yes	

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | VolPhor | VP Val abd | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sta	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhon	VP Val	Weight
F03A2	A-18-066							A221A														26;12														A;561		2
F03A3	A-18-067							A222	A222			A222									22;6	26;13														A;633	*sbi*	3
F03A4	A-18-068				F			A222A												A222A		26;14														A;631	*hfty*	3
F03A5	A-18-069				A			A14G	A14G			A14G	354			334	20	1_189_02				26;15														A;503		5
F03A6	A-18-070				F			A14L														26;16														A;505	*hfty*;*sbi*	2
F03A7	A-18-071					S		A14M														27;1															*hfty*	1
F03A8	A-18-072				F			A14N												A014N		27;2														A;507		3
F03A9	A-18-073				A			A14A	A14A													153;11	1;21				807;3		120	34		7	54					7
F036E	A-18-074			13011	A			A14Ay				A14A	137		10	106	21	1_189_01	A14*	A014A	11;4	27;4			A;7301										A;501		10
F03CF	A-18-075				F			A14Ax		A14A\																				1							*hfty*;*nfu*(;)*xnty*	1
F03AA	A-18-076				F			A14K														27;5														A;509		2
F03AB	A-18-077				D			A14I	A14I			A14I	1				1				11;7	27;6								2						A;497		5
F03AC	A-18-078				A			A14B	A14B			A14B	59			58	1				11;5	27;7								46	3		4		3	A;511	*dhfty*	9
F03AD	A-18-079				B			A14C	A14C			A14C	1				1				11;6	27;8								9					12	A;513		6
F03AE	A-18-080				B			A14H	A14H			A14h	13			9	4				11;7									1					2			5
F03AF	A-18-081			13010	A			A14	A14			A14	194	1	42	144	7	1_189_00	A14	A014	11;3		153;11	1;21	A;7300		807;2								16			13
F03BD	A-18-082				C			A14D	A14D			A14D	4			4						27;9														A;421		3
F03B1	A-18-083				B			A14J	A14J			A14J	19			19					11;8	27;10														A;413	*mr*	4
F03B2	A-18-084				F			A14O														27;11														A;499		2
F03B3	A-18-085				C			A14E	A14E			A14E	4			2	2				11;7	27;12														A;515		5
F036D	A-18-086							A14U												A014U																		1
F03B4	A-18-087							A223D														27;13														A;605		2
F03B5	A-18-088							A223E												A223E		27;14														A;609		3
F03B6	A-18-089							A223F														27;15														A;611 A;613		2
F03B7	A-18-090							A223G														27;16														A;615		2
F03B8	A-18-091							A223H														28;2														A;607		2

Vots	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
		Y							
				Based on the facsimile of the Epigraphic survey (KIU 7894, line 5), the sign is probably better represented by A1A/A14C.					
				I am not completely certain, but probably fine. I do not agree with Kamak for this one (shape fits, but as it is on an angle it is rather closer to A14. The Edfu examples are probably fine (photos were not as clear as I would like), however, there is some variation in how the legs are positioned however.					
		Y		A14, or a variant with a strick around the middle (A14E like), see KIU 4246, line 42, 43, 65. If added, the distinction between A14 and A14C should be the clear axe head).					with a plant, really?
	not visible/drawn?; feet different enough?;								
N	two tokens in Karnak rather A87, others	N?		I agree, the shape cannot really be verified, and the only clearly visible one is indeed closer to A87, although a bit between the two...					
				1791 are not this sign, and the edfu examples (transcription only) have both knees down. Moreover, the stick in Edfu (transcription) is a lot closer to the head.					
		Y	DIFF						
				Based on some images from Edfu VII/XIV, the examples of A14J are all A14B instead.					All ex. = Ptol. and probably A14B is indeed better.
N		Y	DIFF						
				closer to A14 (the legs are pulled towards the body. The distinction is most likely the cloth around the middle, not the position of the legs here). Same for the TLA sources. All sources want a sign outside the existing lists with band around the middle, not a sign with the legs in the position of this image.					
		Y	DIFF						

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
		N (auto)		N						No sources given.				
		N (auto)		N						Cauville tokens are better represented by				
Y/I	Dendera V, p. 84,4, pl. CCCLXXXIX (drand).	Y (in core)		Y				Man, standing, both arms behind the back, bound together with rope, in front of a pole which is forked at the top, to which the man is bound.	Classifier rebel (sbi).					
Y/I	TSL	Y (in core)		Y				right and left leg separated, with a band of cloth around the middle, both arms forward, holding an axe with the axeblade close/in the forehead.	Classifier rebel (sbi).	The loop and string on the back could be a bit larger, with the strings at the bottom longer.				
		N (manual)	N	N										
		N (manual)	N	N						Mirrored form of F03A6.				
Y/I	Edfu VIII, p. 153,10; Edfu XIV, pl. DCLXXVI.	Y (in core)		Y				wan, seated on heel, right knee raised, right foot in front of the left knee, back bend forwards, both arms forward, holding an axe with the axeblade in the	Logogram enemy (xft.y)	Token is not great, but clealy has one foot extending beyond the knee.				
		N (manual)	N	N		F036E				**redrawn into roun**. (Redraw sign based on the *bash* form (i.e., foot does not extend beyond the				
Y/I	TSL	Y (v5.2)		Y				nees, right knee raised, with a band of cloth around the middle, both arms forward, holding an axe with the axeblade in the forehead of the	Classifier death (mt).			redraw of A14A based on JSesh A14A.		
		N (manual)	N	N						Mirrored form of F03A9 (A14A).		A14A\ used in Esna VII 570;28		
										Various tokens could not be verified with an image, but I doubt it would be a meaningful variant of F03A9 (A14A).				
		N (auto)		N						In both KIU and Caville/JH-D tokens the sign would be better represented by F036F (A14) or F03AD (A14C), none have the band around the middle.				
		Y (n=D_JSeh/YIG)		N										
Y/I	Dendera XI, 115,7, pl. 73, col 24. Hansomtus	Y (in core)		Y				Man, seated on heel, both knees down, both arms forward, holding an axe with the axeblade in the head of the man.	Logogram sbi (rebel).	Many of the attestations in TLA have the legs either like A14A, or with one leg extending beyond the other leg.				
Y/I	Dendera X, 115,7, pl. 73, col 24.	Y (in core)		Y				wan, curves up, right and left lower legs separated, back nearly horizontal, both arms forward, holding and axe with the axeblade in the head of the	Logogram enemy/rebel (xft.y/sbi).					
		Y (n=D_JSeh/YIG)		N						Not supported by the tokens				
Y/I	TSL	Y (v5.2)		Y				wan, curves up, right and left lower legs separated, back nearly horizontal, both arms forward, forearms horizontal, grasping a line of liquid (blood) which comes from the	Classifier rebel, opponent (rs).					
		Y (n=D_JSeh/YIG)		N						Tokens do not support this sign.				
		N (manual)	N	N		F03AC				Tokens are better supported by F03AC (A14B), as in Valeurs the axe is a lot closer to the head as well.			No/No	
		N (auto)		N						(Drioton, ASAE 40, p. 364) is more like F03B1 (A14J), no source given.				
		N (manual)	N	N		F036D		wan, curves up, right and left lower legs separated, back nearly horizontal, with a band of cloth around the middle, both arms forward, holding and axe with the axeblade in the head of the	Classifier enemy (xr.y)	**Redrawn into F036D.** (Redraw sign as F03AF (A14) with the band around the middle of this sign.)		redraw of F03B3 (A14E)		
Y/I	KIU 1005, line 13.	Y (in core)		Y										
		N (auto)		N						No source given.				
Y/I	Edfu II, p. 275,4, pl. CCCCXVII (bandeau).	Y (in core)		Y				Man (foreigner), standing, wearing a foreign headcloth and bushy beard, arms behind the back, bound with rope.	Classifier bow-people, nomads (wn.tyw)	For translation and discussion, see Gulbuls, BIFAO 50, p. 33-48.			Yes	
		N (auto)		N						No source given.				
		N (auto)		N						No source given.				
		N (auto)		N						No source given.				

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikor | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vols | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG notre true im more Karnak tokens the S34 of ankh is written behind this sign, but due to the captive form, I consider this a logogram rather than a phonogram/logogram | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog A19. Dancer and acrobat | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhon | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikeı | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F042O	A-20-018				F			A239D	A239D																					1							1
F0421	A-20-019							A239Dx				A239I																									1
F044B	A-20-020				F			HA1202																							1						1
F0422	A-20-021				F			A239E														30;14										1			A;357		3
F0423	A-20-022				B			A239Ax				A239J	S6			S6		1_348_01		A239A	22;8	30;15	154;46	1;12														8
F0424	A-20-023				A			A239A	A239A											A239N	22;8	30;15a								200		1	10				6
F0425	A-20-024				B			A239F		A239F										A239F										13		4					3
F0426	A-20-025				C			A239Ex																						4							1
F0427	A-20-026				F			DE358		DE358										A239N										1							2
F0428	A-20-027				B			A239G		A239G										A239G										25			7				3
F0429	A-20-028				F	S		A239I														31;2														A;355		2
F042A	A-20-029							DE108x														31;3														A;329		2
F042B	A-20-030							DE108		DE108										A239O		31;4								8		6				A;363		5
F042C	A-20-031				B			DE149		DE149																				5		7	2				3
F044E	A-20-032							DE149x												A239P																		1
F042D	A-20-033							A239Ay														31;6																1
F042E	A-20-034							A240H														31;7														A;339		2
F042F	A-20-035							A240C	A240C			A240I										31;8														A;337		2
F044D	A-20-036				F			H25903														31;9										1						2
F043D	A-20-037							A240Cx														31;10														A;331		2
F0431	A-20-038							A239Az														31;11														A;321		2
F0432	A-20-039							A239K														31;12														A;359		2
F0433	A-20-040							A240D	A240D			A240I										31;13														A;333		2
F0434	A-20-041				F			A239H													22;9	31;14														A;323		3
F0435	A-20-042							A240F																														

Index	Catalog	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG A, p. 24<x<, pl. <1>, top image, middle scene) is not clear enough to be certain it is this sign. Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F0420	A-20-018												N (auto)		N							naked var		
F0421	A-20-019												N (auto)		N						No sources given. ירוח ב; נאכור, p. 5,1, p. 72) is barely recognisable, and would be better served by a form of A240A			
F044B	A-20-020												N (auto)		N							Hathor 5,1		
F0422	A-20-021												N (auto)		N						No sources given.			
F0423	A-20-022										Y	Edfu VIII, p. 19,6, Bartels image 0031.	Y (in core)		Y				swan, standing, wearing kilt, right arm extended in front, held horizontally, holding a sistrum (Y18), left arm forwards on a 45° degree angle, holding a bead-necklace with counterweight at side-lock, standing, right arm extended in front, held horizontally, holding a sistrum (Y18), left arm forwards on a 45° degree angle, holding a bead-necklace with counterweight at the counterweight.	Logogram iHy (the (divinity)).	Token in TSL is actually F0425. All tokens verified were the naked child form as well.		
F0424	A-20-023										Y	Dendera XI, p. 24,1, pl. 19, bottom image, krand	Y (in core)		Y				side-lock, standing, right arm extended in front, held horizontally, holding a sistrum (Y8), left arm forwards on a 45° degree angle, holding a bead-necklace with counterweight at the counterweight.	Logogram iHy (the musician).	Destinction between F0424 and F0425 is often really difficult to see (different type of sistrum).	naked, same as A239A;N	
F0425	A-20-024										Y	TSL	Y (in core)		Y					Logogram nT-aA (the great god).	Variant of F0424 (A239A) with Y8 type sistrum. Lack a good token to prove this form with, but likely exists.	holding Y8		
F0426	A-20-025												N (auto)		N						I have no idea where these JH-D tokens occur.			
F0427	A-20-026										Y	Dendera XV, p. 215,10, BIFAO 90 (Cauville), pl. III, 6th image.	Y (in core)		Y				I me ieng, wearing the white crown (S1), standing, right arm in front, right hand at the hight of the shoulder, holding a sistrum (Y8), left arm hanging beside the body, holding a flagellum and crook	Logogram n(y)-sw:t (King of UE)			
F0428	A-20-027										Y	Dendera Porte d'Horus, p. 35,9, p. 122 col. 1 above Osiris.	Y (in core)		Y				side-lock, standing, right arm extended in front, held horizontally, holding a sistrum (Y8), with a line running from the wrist to the ankle, left arm hanging beside the body.	Logogram nTr-aA (the great god).			
F0429	A-20-028												N (manual)	N	N						ierrorres norn or F0424 (HI) A239A)			
F042A	A-20-029												N (auto)		N						No sources given.			
F042B	A-20-030										Y	Dendera Porte d'Hathor, p. 33,15, p. 101 (bandeau); Edfu- VIII, 112,1, Bartels photo 0155.	Y (in core)		Y				side-lock and wearing the double-crown (S5), standing, left arm extended in front, held horizontally, holding a sistrum (Y8), right arm forward, below the left, holding a bead-necklace with counterweight at the counterweight.	Logogram nTr-aA (the great god).	**Redrawn into F044E.** (None of the tokens I could verify had the ankh (S34) in the left hand, so redraw without the ankh in the left hand.)		
F042C	A-20-031												N (manual)	N	N									
F044E	A-20-032										Y	Dendera, Porte d'Hathor, p. 31,11-32,1, p. 119, left image.	Y (in core)		Y				sidelock and wearing the double crown (S5), standing, right arm extended in front, held horizontally, holding a sistrum (Y8), left arm hanging beside the body.	Logogram iHy (the (divinity)).		redraw of DE149 w/o ankh	
F042D	A-20-033												N (auto)		N						No sources given.			
F042E	A-20-034												N (auto)		N						No sources given.			
F042F	A-20-035												N (auto)		N						No sources given. Token (Dendera, porte d'Horus, p. 59,4, p. 151) could not be recognised on the image.			
F044D	A-20-036												N (auto)		N							Horus 59,4		
F043D	A-20-037												N (auto)		N						No sources given.			
F0431	A-20-038												N (auto)		N						No sources given.			
F0432	A-20-039												N (auto)		N						No sources given.			
F0433	A-20-040												N (auto)		N						No sources given. (Dendera VII, p. 113,3, pl. DCLI (bandeau)) has nothing in its left hand, but more lines between the arm and the body (so not exactly F042B (HGx A239G) either). Valeurs token has nothing in the left hand either.			
F0434	A-20-041												N (auto)		N						variant of F042B (HGx DE108) with the Y18 sistrum, Dendera Porte d'Hathor, p. 33,15, p. 101, bandeaux supérieur. (naked form of Isesh A240A)	naked		
F0435	A-20-042				See A240A, where the token might be a good fit for this grapheme. (incorrect argument)								N (auto)		N									

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vols | Comment DW | Yote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vois | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikee	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
																																				wnty;snn khh;dwnty	
F046E	A-21-017				F		A484	A484			A484											32;15													A;841	
																																			wnty;dwnty	2
F046F	A-21-018				B		A251	A251			A251		3			3						23;5	33;1	154;50	1;32						4				3	A;839	
																																			wnty;dwnty	8
F0470	A-21-019				D		A252	A252			A252		1			1						33;2		3;14												E;125	
																																			snt	4
F0471	A-21-020				E		A253	A253			A253		1			1						33;3														A;837	
F0472	A-21-021				C	14	A253A											1_6998			A253A																
																																			s t r^st (r^) nb (ḥ^w)	2
F0473	A-21-022				B		A254	A254			A254											33;4	154;51							11		1			A;159	
F0474	A-21-023				D	20	A517		A517												A517								3						
F0475	A-21-024					20	A254A	A254A			A254i												155;1	3;19													2
F0476	A-21-025						A428	A428			A428														C;6700												1
F0477	A-21-026						A255	A255														33;5												A;843	
																																			nnyb	2
F047B	A-21-027				C		A256	A256			A256		1			1						23;6	33;6	155;2	3;6						1					E;19	
																																			ḥbḥd	7
F047A	A-21-029				F		A259	A259			A259													3;12												E;99	
F047B	A-21-030						A258	A258			A258											33;8														A;853	
F047C	A-21-031				D	20	A257	A257			A257		1			1							155;3	1;31						2							4
																																			pḏr	
F047D	A-21-032				E	20	A429	A429			A429													3;47												E;326	2
F0484	A-21-033						A248D														A248D															
F047E	A-21-034						A431	A431			A431														A;7501												1
F047F	A-21-035				F		A356	A356			A356																			1						

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
		N (auto)		N							
	Edfu VIII, 34,12-13, Bartels photo 0049.	Y (in core)		Y				swan, standing, right arm forward, holding a spear with the point downwards, left arm hanging beside the body, on top of an bovid, lying on the ground, legs folded under the	Logogram dwn.ty (triomphator)		
		Y (n=0,JSeh/WG)		N						Kurth/Valeurs misinterpretated a hand-drawn form fol F046F (A251) for this sign, from JEA 29, p. 30.	
	Edfu VIII, 36,12, Bartels photo 0051	Y (in core)		Y				swan, stanzing behind a bovid, lying on the ground, legs folded under the body, tail down; left leg raised, with the foreleg of the man on top of the back of the bovid, right arm forward, holding the forward horn, left arm hanging beside the body, hand touching the back	Logogram ar.yt (butchery, animals for sacrifice).	**Redrawn and replaced**. (Change based on Edfu token (i.e. leg not over the animal, but rather bent on top of it. (keeping cow in place during the process of slaughtering it, not riding it, as the current sign suggests.)	redrawn in place
	TSL	Y (in core)		Y				A span of oxen with a plough, which is held by a man, standing, bent forward, and with another man, standing, bent forward, holding a stick in his right hand, as if to strike, with the left arm hanging beside the body, behind the plough, between the span of oxen and the man	Pictogram (m) Htr (m) tp n rmT (with) a plough, (with) a yoke of oxen, (as) the first of men).	Exists, but seems a hapax.	
	Dendera, Porte d'Hathor, p. 36,1, p. 104.	Y (in core)		Y				Child, with Nb (The sun, encircled by a cobra (Naja haje), standing up, with expanded hood (Uraeus)) upon his head, seated between the horns of a bull (bovid), standing; arms at either side of the child, holding the horns of the bull.	Logogram sA-ra-nb (part of the sA-ra nb xa.w construction).	Bull for nb, child for sA, sundisk with uraeus for ra.	
	Dendera XV, p. 297,5	Y (in core)		Y				between the horns of a bull (bovid), lying on the ground, legs folded under the body, tail down; arms at either side of the child, holding the horns of the bull.	Phonemogram/logogram sA nb (part of the sA-ra nb xa.w construction).	Verified by Peter Dils	
		N (auto)		N						sanz dos not provoise any sources.	
	Guilmant, Ramses IX, pl. XXV.	Y (in core)		Y				The king, standing on top of a bovid, lying down, legs folded under the body, tail down; wearing the red crown (S3), right arm forward, holding a staff and a piece of rope which loops in front of the staf, connecting to the head of the bovid, left arm in front of the body, holding the flagellum and	Classifier wnty?	Function is uncertain, but I lack the d to form dwn.ty, which would fit better here.	
		N (auto)		N						No sources given.	
	Edfu VIII, 53,8, Bartels photo 0068 (dorsal, near the bottom).	Y (in core)		Y				A child, seated on an elephant, left leg visible, right arm raised with hand to mouth, left arm hanging beside the body.	Phonemogram nnyb (aromatic resin (?styrax?)	nn for the child, Ab for the elephant.	
	Edfu IV, 96,9-10	Y (in core)		Y				Man, standing behind a hippotamus, right arm forward, holding the tail of the hippotamus, left arm hanging beside the body.	Phonemogram xibD (lapis-lazuli)	Verified by Peter Dils. (From the pun xwsi-sd-db "to conduct (by) the tail of the hippo" (thanks to Peter Dils).	Wait
	Edfu II, p. 275,12, Edfu XII, pl. CCCCXIX (baredeau)	Y (in core)		Y				swan, stanzing on top of a hippopotamus, right arm forward, holding a horizontal staff or spear (if spear, speartip down), left arm hanging beside the	Logogram dwn.ty (triomphator)		could be a pig under
		N (auto)		N						No sources given.	
	Edfu VIII, 72,7, Bartels photo 0087, column behind the central figure.	Y (in core)		Y				man, standing behind a pig, right arm forward, holding the tail of the pig, left arm hanging beside the	Phonemogram xibD (lapis-lazuli)		
	Abaton decree, De Morê, Enim 14, 2021, p. 47, col. 6,7.	Y (in core)		Y				Man, standing, arms hanging at either side of the body, behind a lion, standing, tail down.	Logogram gbr (to go around).		
	P. Gardiner II, (BM EA 10676, frame 11, verso), col 702, spell 1027. (CT VII, 248,e).	Y (in core)		Y				Man, standing, arms hanging on either side of the body, behind a hunting hound, standing, tail curling upwards (E14).	Classifier hunter, scout (nw).	Found and verified by the AKU project.	
	Beni Hassan I, p. 85; Beni Hassan III, pl. VI (nr. 82); ACEr 43, pl. 20-27.	Y/R (in core)		Y/R				Man, standing, wearing a lion/leopard skin, tail between the legs, facing away from the reading direction, right arm hanging beside the body, left arm forward, holding the hand of a hamadryas baboon (Papio hamadryas), standing on the legs, facing the	Classifier priest (wn-mw.t=f)	Redraw the sign, making the baboon looking more like a monkey (see F168F (ES3), basically remove the 'cloak' of fur on the shoulders). Sign is no longer really visible in ACEr 43.	
		N (auto)		N						zn-U token (Luenzera XIII, p. 202,8) could not be verified with an image.	

Comment MS	Change (Berlin)	Changes (post 19-02-2023)
redrawn in place		
could be a pig under		

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
																																						wdf
F048D	A-21-036				F			A430	A430			A430																								A;856		1
A22. Man in a boat																																						
F049D	A-22-001				D		18	A261	A261			A261										33;9														A;959		2
F0491	A-22-002						18	A260	A260			A260										33;11														P;97		2
A23. Child																																						
F04A0	A-23-001							A17x														33;13														A;237	*i:t3mm:3dL*:wdb;ms:mn:x:mn :mn:wdm:wdb:rmp:<:b:b:3mn:b3 :b:hrd:t:v:t:wd:3r :i:mn3mm:3dL*:m/:i:mn:mn:n: mn:b:3f'(:b:mm (<v:i:hd:t:b:bw:<bm:3mm:b:hrd: n:v:t:vf:t:hrt:b*	2
F04A1	A-23-002			13014	A			A17	A17			A17	**2340**	1150	1108	82	1_245_00	A17	A017	12;1	34;1	153;16	1;9	A;6600	807;7				180	67	14	26	37	350	A;239		19
F04A2	A-23-003				B			A17D	A17D			A17D	**12**		12							34;3			A;6603									1	1	A;251	*p:t:ḥrd:p1':ḥpr*	6
F04A3	A-23-004					S		A17F														34;4														A;267		2
F04A4	A-23-005					S		A17G														34;5														A;249		2
F04A5	A-23-006							A275	A275																													
F04E3	A-23-007			13015	A			A17Ax				A17A	**171**		86	85		1_256	A17*	A017A					A;6601									4			
F04A6	A-23-008				C			A17A	A17A			A275	**1**			1				A275			1;8a						2	1			5			*mɜdw*	6
F04A7	A-23-009				B			A262	A262			A262									23;7	34;6	153;20	1;9f						8						A;269		6
F04A8	A-23-010				E			A263	A263			A263									23;8	34;7	153;21													A;271		4
F040F	A-23-011							A263A												A263A																		2
F04A9	A-23-012							A265	A265			A265										34;8														A;289		2
F04AA	A-23-013							A266	A266			A266										34;9														A;287		2
F040C	A-23-014				F			H05201												A529												1						2
F040D	A-23-015				F			H05301												A530												1					*ḫ:ḥḥw*	2
F04AB	A-23-016				D			A267	A267			A267									23;9	34;10	153;23	1;9g												A;243		5
F04AC	A-23-017							A268	A268			A268										34;11														A;247		2
F04AD	A-23-018							A269	A269			A269										34;12														A;273		2
F04AE	A-23-019				B			A270	A270			A270										34;13													12	A;257	*wwn*	3
F04AF	A-23-020				F	S		A17H														34;14														A;265		2
F04B0	A-23-021							A271	A271			A271										34;15														A;277		2
F04B1	A-23-022				F			A272x														34;16														A;259	*s1 r'* *s1 r'*	2
F04B2	A-23-023				B			A272	A272			A272	**13**		10	3					24;1	35;1	153;24		A;6660					34		2			8	A;261		10

Comment DW	Vote DW Core (2021)	DW differentiy	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiy	Comment SP

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F04B3	A-23-024				B			A272B		A272B											A272B									27		4	3					4
F04B4	A-23-025				D			A273		A273			1			1					24;2	35;3		1;9i												A;255		5
F04DE	A-23-026							A273A													A273A																1
F04B5	A-23-027							A274B														35;4														A;281		2
F04B6	A-23-028				C			A274		A274			2			1	1				24;3	35;5	153;19	1;10	A;6620	1425;3	812;12			1					1	A;279		12
F04B7	A-23-029				F			A18x														35;6														A;285		2
F04B8	A-23-030			13016	B			A18		A18			37		18	14	5	1_261	A18	A018	12;2	35;7	153;18	1;10a	A;6640		807;8			10		1		10	A;283		16
F04B9	A-23-031				B			A18A		A18A										A018A									15		1					3
F04BA	A-23-032				B			A17C		A17C			4			4						35;9								2		1		1	A;229		6
F04DA	A-23-033				F			A17E		A17E																						1					1
F04BB	A-23-034				E			A264		A264													153;22											1	A;275		3
F04D9	A-23-035				F			A264A		E5180										A264A										1						2
F049F	A-23-036							A264B												A264B																1
F04BC	A-23-037							A442		A442															A;3421											1
F04BD	A-23-038				F			A443		A443												26;8														A;245		2
F04BE	A-23-039				D			A444		A444														1;9d						1		1				A;253		4
F04BF	A-23-040							A445		A445																										A;258		1
F04C0	A-23-041				F			A446		A446														1;9e												A;263		2
F04C1	A-23-042							A481		A481																												1
F04C2	A-23-043				D			A491		A491																									3			1

Vols	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
4									
5				TSL candidate, BM EA 10585,1 (Chester Beatty 5), verso 7,1. Note that based on the hieratic form, the grapheme might need to be adjusted not to show the coil of the snake.					
1									
2				(Image 189227): However, the token does give the suggestion a uraeus was there on the crown (although it might be damage). TLA token (Edfu VII, 4,3) cannot be verified with an image.					
12									
2						N	N		
16									
3									
6		Y	DIFF	I doubt this form exist. In the TLA, Beleg 5 is a different variant (right arm as A17, left arm as A1), and in none of the other cases it is clear that the hand is raised in this specific form. Beleg 1-3 has the arm raised as if to hail someone, not to hold something up. It could exist, but I cannot find any example without doubt.		Y (n=0,JSeh/HG)		N	
1						N (auto)		N	
3						N (auto)		N	
2						Y (in core)		Y	
1						Y (in core)		Y	
4						Y (in core)		Y	
1						N (auto)		N	
2						N (auto)		N	
4						Y (in core)		Y	
1						N (auto)		N	
2						Y (in core)		Y	
1						N (auto)		N	
1						Y (in core)		Y	
2						N (auto)		N	
1						Y (n=0,JSeh/HG)		N	

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
								Child, with NE (The sun, encircled by a cobra (Naja haja), standing up, with expanded hood (Uraeus)) upon his head, seated on nothing, one leg visible, right arm raised in front with hand to mouth, left arm hanging beside the body.			
Y/I	Dendera Porte d'Hathor, p. 1,15, p. 70.	Y (in core)		Y					Logogram sA-ra (Son of Re).	Single legged variant of F04B2 (A272).	
								in repose (Naja haja), standing up (180) on his head, seated on nothing, forelegs spread, right arm raised in front with hand to mouth, left arm hanging beside the body.			
Y/I	Dendera IV, p. 233,2.	Y (in core)		Y					Phonemogram r + x.	Verified by Peter Dils. KU 3612, line 1 is simply a child with an uraeus on the forehead, not this sign.)	
								of a cobra (Naja haja), standing up, with expanded hood (Uraeus) on his head, seated on nothing, forelegs spread, right arm raised in front with hand to mouth, left arm hanging beside the body.			
Y/I	BM EA 10585,1 (Chester Beatty 5), verso 7,1.	Y (in core)		Y					Classifier child (non.w).	Could be assumed to have some divine aspect.	
		N (auto)		N						Inaccuracy a duplicate of F04B6 (A274).	
								white crown (S1), seated on nothing, forelegs spread, right arm raised in front with hand to mouth, left arm hanging beside the body.			
Y/I?	KIU 50, line 7 (image 189227)	Y (in core)		Y					Classifier child (wDH).	Token might actually be a variant with an uraeus. Even so, the inclusion of this form seems useful for Unicode.	
		N (manual)	N	N						Inaccuracy a duplicate of F04B8 (A18).	
								Uraeus, wearing the red crown (S1), seated on nothing, forelegs spread, right arm raised in front with hand to mouth, left arm hanging beside the body.			
Y/I	TSL	Y (v5.2)		Y					Classifier child (royal)		
								Uraeus, wearing the red crown (S1), seated on nothing, one leg visible, right arm raised in front with hand to mouth, left arm hanging beside the body.			
Y/I	Dendera Porte d'Hathor, p. 37,4, p. 104 (bandeau).	Y (in core)		Y					Phonemogram m	One legged variant of F04B8 (A18).	
		Y (n=0,JSeh/HG)		N						Uraeus coxans rear to what would be covered by F04A6 (Jesh A275). Probably unwise to include both. Dendera, porte d'Hathor tokens (p. 1,8; 5,6) are covered by F04DC. Porte d'Horus token (p. 26,11) is basically unrecognisable. The only reason to add Uraeus rear d'Horus token p. 47,4, p. 134 (col. 14) is not really clear, might have 2 legs, and the arm is not raised upwards, but rather horizontal, and it seems it holds the	
		N (auto)		N							Hathor
		N (auto)		N						N, 10,5, p. 147,8; 169,3, p. 287,10) could not be verified with an image.	
								Uraeus, seated on nothing, forelegs spread, both arms forward, left arm angling downwards, holding a cone vertically at the hight of the waist, right arm raised, angled up, right hand above the cone, handpalm -			
Y/I	Esna VII 623,03, p. 202,7	Y (in core)		Y					Phonemogram xft-Hr.	Verified by Peter Dils. Note that this will have corner insertion (although that might actually be a throne instead), and that what is held might not be a XII.	
								Uraeus, seated on nothing, one leg visible, both arms forward, left arm angling downwards, holding a cone vertically at the hight of the waist, right arm raised, angled up, right hand above the cone, handpalm -			
Y/I	Esna III, 197,17 and 19 (p. 11,8).	Y (in core)		Y					Phonemogram xft-Hr.	Found and verified by Peter Dils. One legged form of F04D9 (E5180).	
								Child, seated on nothing, forelegs spread, right arm forward, holding a flagellum (S45), left arm hanging beside the body.			
Y/I?	CT VI,197,g P. Gard. 2 (BM EA 10076,28, second col. from right).	Y (in core)		Y					Classifier protector (kw.y)	likely the sign holds a flagellum, however, in the original, it could be considered a piece of cloth as well. (Sign seems to be a bit of an overinterpretation of what is actually there).	
		N (auto)		N						Uraeus/wearers token (Dendera IX, pl. 39,14) could not be verified with an image.	
								Child, seated on nothing, forelegs spread, right arm extended forward, hand horizontal, palm upwards, holding a feather (N9), left arm hanging beside the body.			
Y/I	Dendera XV, p. 216,2, BIFAO 90 (Cauville), pl. III.	Y (in core)		Y					Phonemogram s5.	Uraeus, wearers token (Dendera IX, pl. 39,13) could not be verified with an image. Additionally, Daumas is not sure it is either a D2 or M42 in the hand.	
		N (auto)		N							
								Child, seated on nothing, forelegs spread, right arm extended forward, hand horizontal, palm upwards, holding a hill with a halo of sun rays behind it (N26), left arm hanging beside the body.			
Y/I	Dendera IX, p. 39,13.	Y (in core)		Y					Phonemogram xa.	Verified by Peter Dils. All tokens refer to the same source, (Dendera IX, 39,13), which could not be verified with an image.	
		N (auto)		N						No sources given.	
		Y (n=0,JSeh/HG)		N						No sources given.	

Comment MS	Change (Berlin)	Changes (post 19-02-2023)
	Yes	
redraw of F04B4 (A273)		
Hathor		
	Additional row	
	Yes	
	Yes	

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F049E	A-23-044							A491A												A491A																		2
F04C3	A-23-045				C			A276	A276				3			3					35;10							A8005							A;231		4
F04D6	A-23-046				E			A276A	E5072											A276A										2							2
F0237	A-23-047				F			U99G		U99G																				1							1
F04C4	A-23-048							A17y														35;11													A;191		2
F04C5	A-23-049				F			A278	A278				1				1					35;12													A;293		3
F04C6	A-23-050				E			A439	A439				1			1																		1			2
F04C7	A-23-051				E			A278A	A278A				1				1								A;6680												2
F04CB	A-23-052							A278B	A278B																A;6681												1
F04C9	A-23-053				F			A178x														35;13													A;235		2
F04CA	A-23-054				A			A178	A178				40	13	23	4	1_245_01		12;1	35;15	153;16	1;9							599	10	60	21	2	370	A;233		15
F04CB	A-23-055				B			A279	A279												35;16	153;25	1;9aa											10	A;303		5
F04CC	A-23-056				F			A440	A440												36;1														A;305		2
F04CD	A-23-057				B			A281	A281										24;4	36;2		1;3b		A;6604	1425;5				13					1	A;85		8
F04CE	A-23-058				C			A281A		A281A											A281A									2	1		1				4
F04DB	A-23-059				F			HA4708																								1					1
F04C7	A-23-060							A281B														36;3													A;87		2
F04DD	A-23-061				B	S	20	A476	A476														153;26	14;7						20							3
F04D1	A-23-062				B	S		DE113		DE113																				11		7					2
F04D2	A-23-063							A280	A280																	1425;4	812;13											2
F04D3	A-23-064				D			A441	A441				2	1		1																			A;236		3
F04DB	A-23-065				F			E510B		E510B											A531										1						2
F04D4	A-23-066							A448	A448																												

Index	Comment DW	Vote DW Core (2021)	DW differentiality	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiality	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
																		curved beard, seated on nothing, forelegs spread, right arm extended forwards, holding a sceptre with a straight shaft, a forked base, topped with the head of the Seth animal (wAs, S40) of the hight of the seated god, left arm hanging beside the body.					
										Y;I	Deir el-Bahri, Tempelarea, TT319, sarcophagus chamber, south wall, 32th col. from the left.	Y (in core)		Y					Classifier Orion (sAH).	Found and verified by Tobias Konrad, AKU project.				Additional row.
	Y		DIFF	No examples given, hence it cannot be verified.	This is the mou-classifier of the poetical stela of Thutmosis III: CG 34010, line 10 (wrongly taken to be F0D44/A78)							N (manual)	N	N		F04A5				Practically a duplicate of F04A5 (Jesh A17A). Both Valeurs tokens are from Esna (i.e., no source (Esna III, 232,12, p. 91,1; 233,19, p. 93,5)).			
										Y;I	Esna VI 579,07, p. 86,8	Y (in core)		Y					Classifier child divinity (HbA).	Verified by Peter Dils. Practically a duplicate of F0237 (HUa U99G).				
												N (auto)		N						JH-D token (Dendera XIV, p. 203,8, Commentaire pl. XCVI) was not clear enouah in my image.				
												N (auto)		N						No sources given.				
				Karnak token is a different sign (A447 with a flagellum instead of a HqA staff) (KU 8490, line 2, facsimile only)								N (auto)		N						Not supported.				
				TLA token is A/6A in my opinion. (Images of this object (Cairo CG 42207, right side, col 9) available to me are rather poor)								N (auto)		N						Not supported.				
																		A child, seated on a mat, wearing a coif with uraeus, covered in cloth, legs bend in front, feet at the same level as the mat, right arm raised in front with hand to mouth, left arm in front, hand upon					
				Karnak token (KU 7861, line 2, image 197100 (right hand side)), is a different sign, but remarkably similar, see attached image (position is more like A447).						Y;It	OIP 8, Medinet Habu I, pl. 28, col 5B.	Y/It (in core)		Y/It					Classifier child (sfy).	Redraw sign with the legs a lot closer to the thighs.				
																				Seems to occur on a Tanis Obelisk from Ramses II, see Petrie, Tanis I, pl. X, nr. 53, plan 271 (KRI II, 418,6), but I could not yet locate an image.				
												Y (manual)	Y	W									Wait	
												N (manual)	N	N						Duplicate of F04CA (A178).				
																		Child, seated on nothing, one leg visible, right arm raised in front with hand to mouth, left arm hanging beside the body.						
	Y									Y;I	TSL	Y (in core)		Y					Logogram sA (son/child of)	Single legged variant of F04A1 (A17).				
																		Child, seated, both knees raised, feet horizontal, heels touching ties, right arm raised in front with hand to moth, left arm hanging beside the body; on top of a lotus flower, facing upwards, with a short stalk, and a bud at either side (M224A).						
																				Dils, Dusch, pl. 61,2 has a variant with a different flower (no side-branches). Valeurs Esna token (Esna III, 217,19, p. 56,8) could not be verified with an image. I currently have no acces to the Kom Ombo publications (948, 949, 952). Due to				
																				function probably not			Yes	
																				(Dendera Mammisi, p. 99,15) could not be verified with an image. Could be achieved by arrangement (the M13 in front of this group providing the wD phonemes, and the M15 the H).				
												N (auto)		N										
																		Child, naked, standing, right arm raised in front with hand to mouth, left arm hanging beside the body.						
										Y;I	Dendera VII, 2,6, pl. DIICVII.	Y (in core)		Y					Logogram sA (son/child of)					
																		Child, naked, standing, right arm raised in front with hand to mouth, with a curved line running from the right wrist/elbow the the left foot,						
										Y;I	Dendera Porte d'Horus, p. 57,6, p. 148 (bandeau).	Y (in core)		Y					Classifier child (sfy).	line might be a representation of cloth or a mantle.				
												N (auto)		N						rsrrs:r; nasrror, p. 34,7, p. 102) is basically unrecognisable.		Hathor 34,7		
												N (manual)	N	N						Duplicate of F04CC (A281).				
																		A child, seated on nothing, forelegs separated, right arm raised with hand to mouth, left arm hanging beside the body, inside a boat/ship with an inwards angling bow and stern.						
										Y;I	Dendera XIV, p. 1,7, Commentaire pl. II	N? (manual)	N?	N					Phonemogram ws	Can be achieved by arrangement/insertion (boat functions as 'w', child as 's'). JH-D tokens cannot be verified with an image.				
																		A child, seated on nothing, one leg visible, right arm raised with hand to mouth, left arm hanging beside the body, inside a boat/ship with an inwards angling bow and stern.						
										Y;I	BIFAO 90, p. 87, pl. III.	N? (manual)	N?	N					Phonemogram ws	Can be achieved by arrangement/insertion (boat functions as 'w', child as 's').				
																				sign is aaaea on Heratic, I would not base the inclusion of this variant on what is likely an error. (although there are				
										Y;I	Sinuhe B (P. 3022, line 202)	N (manual)	N	W				Child, seated on nothing, forelegs spread, no arms.	Classifier foreign (OrDr.yt).	clearly no arms).		Wait	
				Kamer simsar, dus not this sign (two legs visible). Heratic, Ashmolean ostracon of Sinuhe (see Barns, 1952), verso, line 16.								Y (>=D,JSeh/WG)		N						Valeurs token is a standing sign, not sitting (Louvre C65, line 8).				
																		Child seated on nothing, one leg visible, both arms raised in front, hands at the hight of the face, handpalms		verrnea ay vese Lns. Function is a guess. **Redrawn and replaced.** (Redraw the sign with a upper body and arm position more like		redrawn in place		
										Y;I	Esna VII 587,44, p. 112,4	Y (in core)		Y					Phonemogram an					
												N (auto)		N						No sources given.				

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caur | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikee | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weleh | Vols | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

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|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caur | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weleh | Vois | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Siz | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikeı | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priority	Sequence	Sia GID	HG	HGx	Doun JSesh	Sum	PT	Ramse	TLA	Karnak TSL	Gardi	Unikeo	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
																																VP Val	
F05C6	A-28-056						DE153B										A300J																	
F05C7	A-28-057						A521										A521																	
A29. King or god wearing the red crown																																*i;in;b;hiry;n;nswt*	
F05D0	A-29-001			13035	B		A45	A45		A45	**19**		19		1_714_00	A45	A045	16;7	44;4	154;5	1;43b			809;13		3					4	A;1179	12
F05D1	A-29-002						A45x										A045X		44;5													A;1181	3
F05D2	A-29-003				B		A45A	A45A		A45A	**28**		25	3			A045F		44;8								1				1	C;217	7
F05D3	A-29-004			13037	C		A46	A46		A46	**2**			2	1_714_01	A46	A046	16;8	44;6		1;43c			809;14		3						A;1189	10
F05D4	A-29-005						A46x												44;7													A;1191	2
F05D5	A-29-006						A46y												44;8													C;217	2
F05D6	A-29-007			13036	B		A45B	A45B		A45B	**4**		4				A045A	16;9	44;9								27	3	2		5	C;215	9
F05D7	A-29-008				C		A45C	A45C		A45C	**1**		1		1_714_02			17;1	44;10								4		3	1		A;1193	8
F05D8	A-29-009						A45Cm												44;11														
F05D9	A-29-010						A45Cx												44;12													A;1195	2
F05DA	A-29-011				F		A45Dx												44;13													A;1185	2
F05DB	A-29-012						A45D	A45D		A45D								17;2	44;14													A;1187	3
F05E9	A-29-013				F		E5002		E5002								A045G										1						2
F05DC	A-29-014				D		A45E	A45E		A45E	**1**			1							1;65											A;1197	3
F05DD	A-29-015				F		DE302		DE302																		1						1
F05DE	A-29-016						A302A	A302A											44;15													A;1355	2
F05DF	A-29-017				F		A302B	A302B		A302I									45;1								1					A;1359	3
F05E0	A-29-018				C		A301	A301		A301	**5**		5		1_467				45;2					1425;9								A;1271	5

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
Y/I	Dendera XV, p. 226,4	Y (in core)		Y				king, standing, with a long straight beard, wearing the white crown (51), right arm forward, holding a sceptre with a straight shaft, a forked base, topped with the head of the Seth animal (wAs, 542) of the hight of the king, left arm hanging beside the body, holding a flagellum (545) -- mummyform, standing upright on a platform, with a long curved beard, wearing the white crown (51), both arms forward, holding a sceptre with a straight shaft, forked bottom and head of the Seth animal (540) of the same size as the god, vertically, with a tie or strap, used with sandals (ankh-sign, 534), on the middle of the headpiece of the staff, angled	Logogram n(.y)-swt (King of UE).	Found and verified by Peter Dils. FDSBD (DE153) with a wAs sceptre.	
Y/I	Cairo CG 20539 (Lange, pl. 41), top register.	Y (in core)		Y					Logogram wsir (Osiris).	Found and verified by Peter Dils. See C101, but with only the white crown, and the ankh addition. It is possible the function should be wsir dt ank.	
Y/I	TSL (A45, token TSL_3_22123)	Y (v5.2)		Y				God, seated, both knees up, with covered legs and arms, with a long curved beard, wearing the red crown with (53).	Classifier king (bi.ty).	Only TSL example has a curved beard (as the Jusekh form). Abydos forms uses long straight (as one would expect here). **xeorown n pace.** (Redraw back to the IFAO/Volkers form (with kings beard (i.e., long straight), as it is currently a duplicate of FDSD0.)	
Y/I	The temple of Ramesses II in Abydos (Goelet 2015), volume 1, p. 160-161, line above the text.	Y (in core)		Y				King, seated, both knees up, with covered legs and arms, with a long straight beard, wearing the red crown with (53).	Logogram bi.ty (king of LE).		
Y/I	TSL	Y (in core)		Y				King, seated, both knees up, with covered legs and arms, with a long straight beard, wearing the red crown with (53), holding a flagellum (545).	Logogram bi.ty (king of LE).	Variant with kings beard (long, straight). Either FDSD2 or FDSD3 should be redrawn with a divine beard, as currently FDSD2 and FDSD3 are identical.	
Y/I	TSL	Y (v5.2)		Y				God, seated, both knees up, with covered legs and arms, with a long curved beard, wearing the red crown with (53), holding a flagellum (545).	Classifier king (bi.tyw).	**Redrawn and replaced.** (Either FDSD2 or FDSD3 should be redrawn with a divine beard, as currently FDSD2 and FDSD3 are identical.)	
		N (auto)		N						No sources given.	
		N (manual)	N	N						uspnicare or nusus (A46), when redrawn with gods beard.	
Y/I	Dendera XI, p. 13,10, pl. 34 (bandeau frieze)	Y (v5.2)		Y				xung, seatea, ootn knees up, with covered legs and arms, with a long straight beard, wearing the red crown with (53), holding a sceptre with a straight shaft, topped with the head of the Seth animal --	Classifier king (n-y-swt.t)		
Y/I	The temple of Ramesses II in Abydos (Goelet 2015), volume 1, p. 160-161, list of cartouches, 6th from left.	Y (in core)		Y				King, seated, both knees up, with covered legs and arms, with a long straight beard, wearing the red crown with (53), holding a flagellum (545) and a crook (538) with the opening inwards.	Logogram bi.ty (king of LE).		
		N (manual)	N	N						Mirrored form of FDSD7 (A45C).	
		N (manual)	N	N						Practically a duplicate of FDSD7 (A45C).	
		N (manual)	N	N						Duplicate of FDSDB (A45D).	
Y/I	KIU 4206, line 4.	Y (in core)		Y				xung, seatea, ootn knees up, with covered legs and arms, with a long straight beard, wearing the red crown with (53), holding a crook (538) vertically, with the opening	Logogram bi.ty (king of LE).		
Y/I	Esna VII 549,00, p. 8,2	Y (in core)		Y				xung, seatea, ootn knees up, with covered legs and arms, with a long straight beard, wearing the red crown with (53), holding a crook (538) vertically, with the opening	Logogram bi.ty (king of LE).	Variant of FDSDB (A45D). Hqk staff opening outwards. Verified by Peter Dils. Exists, but I doubt it would be valuable for Unicode.	
Y/I	Cairo CG 34001, line 11 (KIU 575, line 13).	Y (in core)		Y				King, seated, both knees up, with covered legs and arms, with a long straight beard, wearing the red crown with (53), holding a tie or strap, used with sandals (ankh-sign, 534) vertically.	Classifier king (n(y)-swt)	KIU 46, line 11, image 60909 is a variant with a divine beard (classifier itm.w (Atoum)).	
		N (auto)		N						an-u token (xennera XV, p. 4,1) could not be verified with an	
		N (auto)		N						No source given.	
Y/I	Dendera XV, p. 269,9	Y (in core)		Y				a long straight beard, wearing the red crown (53), right arm forward, right hand at the hight of the shoulder, holding a sceptre (542), left arm forward, left hand at the hight of the waist, holding a stick/staff which runs from the right toe to the left hand, and a mace (731), angled forward.	Logogram bi.ty (king of LE).	Only top half could be verified by Peter Dils, but it seems likely that it is this sign.	
Y/I	TSL	Y (in core)		Y				King, seated on a block-throne, with a long straight beard, wearing the red crown (53), no arms visible.	Classifier sovereign (ii.y)		

Comment DW	Vots	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
											Additional row	
											Additional row	
				In Jusekh, A45A has a kings beard, where A46 has a divine beard. Do we have to asume that the image of 13037 needs to be adapted? Note that TSL currently holds both for A46, I probably need to correct that.						god beard		
										redrawn with a king beard		
		Y								short beard		
				Note that I consider this Jusekh A46 (divine beard).						god beard		
				None of the TLA tokens are really clear. Might be there in Dendera II,163,1, but the image is not clear enough to be certain about the beard (as it discusses Osiris here, it might be a divine beard).								
		Y		Note that based on the TSL token I am not completely certain what type of beard this one has.								
											Yes	
				Karnak token (KIU 46, line 11, image 60909) has a divine beard.								
Y		Y										

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vols | Comment DW | Yote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	VP Val ValPhor	Weight
																																				t;hm	
F0604	A-30-007				E			A304D	A304D		A304(		1			1						45;11													A;1209	3
																																			nb	
F0605	A-30-008				C			A304E	A304E		A304(		4			4																			2	A;1199	3
																																			i	
F0606	A-30-009				B			A304F	A304F		A304(		10			8	2																		1	A;1201	4
F0607	A-30-010				B			A304G	A304G		A304(		26			19	7					25;5		154;7	1;64						12					6		7
																																			t;tm;ab;ap;ftr;t	
F08F0	A-30-011				A			C32	C32		C32		10			8	2					38;8		60;9	155;30						110	4	2	5	5	C;219	11
F08F1	A-30-012				E			C32A	C32A		C32A		1			1						60;11														A;1207	3
F060B	A-30-013				C			A305	A305		A305		6			6						45;12									1425;10					A;1275	4
F0609	A-30-014							A305A	A305A		A305(																										
F060A	A-30-015				F			A305B	A305B		A305(		1			1																						1
F060B	A-30-016				F			A305C	A305C		A305(		1			1																						1
F060C	A-30-017							A310x														45;13														A;1367	2
																																			bk1	
F060D	A-30-018				F			A310A	A310A		A310(											46;3														A;1373	2
F060E	A-30-019							A310	A310		A310																											
F060F	A-30-020							A310B	A310B		A310(																											
F0637	A-30-021				F			HA4714												A310E												1					2
F0610	A-30-022							A310C	A310C		A310(																											
F0611	A-30-023							A310D	A310D		A310(																											
F0612	A-30-024							A306	A306		A306											45;14														A;1365	2
F0613	A-30-025				F			A57D	A57D		A57D																											
																																			(rdi)ikhn	
F0614	A-30-026				E			A307	A307		A307											45;15		1;37b												A;915	5

Vote DW Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
			I could not verify this token (Edfu VII, 8,6) with an image.					
one token in Karnak with god's beard	Y		All Karnak tokens have the divine beard. TSL candidate (for divine beard). KIU 7041 (line 1) and KIU 2511 (photo 65848). Note however that KIU 2511 has damage over the heka staff at a spot it could theoretically be reconstructed as an ankh as well.					
	Y		Uncertain, based on transcription and facsimiles only.					
with longer beard below C32, C-06-001 (there should be only one beard length in the font, right?	Y		TSL candidate, KIU 3947, end of the line. Note that this is clearly a straight beard, but used for jrm.w (Akoum), so I am afraid for TSL we are going to need both due to the beard (even though they functionally overlap), for unicode we might consider restricting beard type variation.					
same as A304G, A-30-019 but longer beard	N	DIFF	TSL candidate, there is a distinction, as KIU 7860 clearly has a long, curved beard. However, for Unicode I can agree that it might be wiser to only have either or (preferably this one, as it is commonly used for Akoum).					
all other glyphs with double crown are above under cat. A			Token (Edfu VII, 16,3, photo (wall) 772) is too poor to see.					
See comment regarding A301A	Y		Only accesable attestations from TLA are from Griffith Rifeh and Siut, I hesitate to base judgment on a transcription only.					
			Karnak example does not hold an ankh (unfinished?)					
			Badly damaged sign in Karnak, from a facsimile.					

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val *sup* | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Siz | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sig	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weleti
F06AA	A-34-008							A104C																															
F0696	A-34-009							A104B	A104B		A104I														A;5402														1
F0697	A-34-010							A153	A153		A153														C;6451	1424;4													2
F0698	A-34-011							A153A	A153A		A153J														C;6000														1
F06AB	A-34-012							A153B													A153B																		
F06A7	A-34-013				F			H01802													A537												1						2
F0699	A-34-014				E			A432	A432		A432												154;23														A;803		2
F069A	A-34-015						18	A433	A433		A433														A;8300														1
F069B	A-34-016							A435	A435		A435														A;7601														1
F069C	A-34-017							A436	A436		A436														A;7602														1
F069D	A-34-018							A437	A437		A437														A;7700														1
F069E	A-34-019							A438	A438		A438														A;7750														1
F069F	A-34-020						20	A470	A470		A470														A;7850	1426;6													2
F06A9	A-34-021							A470A													A470A																		
F06A0	A-34-022							A483	A483		A483																												
F06A1	A-34-023							A348A	A348A		A348J																												
F06A2	A-34-024							A434	A434		A434																												
F06A3	A-34-025							A434A																															
F06A4	A-34-026							A502	A502		A502																												
F06A5	A-34-027				F		18	A474	A474		A474														A;938														1
F06A6	A-34-028							A488	A488		A488																												
B.II. Women and monarchs																																						
B01. Woman seated																																						
F06B0	B-01-001				F			B1x															48;1														B;1		2
F06B1	B-01-002							B1y															48;2																1

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
	Abydos temple of Ramses II, Goelet, pl. 4.2.14 (p. 297), above the figure with arms and above the rams-headed bird.	Y (in core)		Y				A mummy with a long straight beard and uraeus, lying belly down, head raised, on top of a bed, with a leonid legs and tail.	Classifier corpse (XA.t)	the Ramses II temple in Abydos, room 3 (see Mariette, Abydos II, pl. 36, room G.). I lack any images (for example, publication of Goelet) to verify the sign. See notes SP for form and location. Move after addition, as it is not a sphinx but a corpse. (move to category A34, Man, Varia). Base it on F0695 (A104A) for the mummy, on top of Q19 without the leonid head.				
	Wreszinski Atlas III, pl. 49 (= Mastaba of Ti)	Y (in core)		Y				mummyform, without beard, lying on a bed with short triangular bed-posts, facing upwards.	Classifier to sleep (cDr).	I could not access Wreszinski Atlas III, p. 49, but I doubt this would be a meaningful variant of A55.				
	CIP 83, Medinet Habu V, pl. 324, col. 4.	Y (in core)		Y				The king, seated on heel, both knees down, with a long straight beard, uraeus and coif/long wig, both arms forward, at the top of a sealed ointment jar (W2). The king, seated on heel, both knees down, with a long straight beard, uraeus and coif/long wig, back bend forward, arm forward, hand at the hight of the waist, holding a cup or vessel (W32).	Classifier snn (ointment vessel in the shape of the king).	Semi-pictographical sign.				
	KRI I, p. 170,8-9, Kees, Ägypten, pl. 49.	Y (in core)		Y				The king, seated on heel, right knee raised, with long straight beard and uraeus, with arms raised in front of him, hand-palms facing outwards.	Logogram dwA (to venerate).	Found and verified by Peter Dils.			Additional row	
	Dendera Porte d'Horus, p. 18,15, p. 104.	Y (in core)		Y				right knee raised, arms raised at either side of the body, right hand holding a tie or strap, used with sandals (ankh-sign, S34) of the same hight as the man, left hand holding a sceptre with a straight shaft, a forked base, topped with the head of the Seth animal (wHa, S40) in the left hand.	Phonemogram/logogram HH (million/many)	Function based on Cauville (Porte d'Horus commentaire/traduction).		Horus 18,15		
	Esna II, p. 156,23	Y (in core)		Y				Two men, standing, facing each other, arms extended forwards, hands at the hight of the waist, holding one side of a loop of cord with the ends upwards (V6).	Phonemogram S.	Verified by Peter Dils. Valeurs token (Esna II, 156,23, p. 271,15) could not be verified with an image.				
	Guilmant Ramses IX, pl. XXVI.	Y (in core)		Y				Two men, standing, both facing forward, back bend forward, arms down at either side of the body, holding a rope at he hight of the knees, which curves downward at either end.		Partly due to damage, I have no idea what the function of this sign is supposed to be.				
		N (auto)		N						Source H&S is PD04A (A195), i.e., two male figures, not one male, one female. (KIU 377, line 16).				
		N (auto)		N						HAS DO NOT provide a source for this sign.		war on A435		
	TSL	Y (in core)		Y				man and woman, standing, facing each other, man, left arm raised, extended towards the face of the woman, right arm hanging beside the body; woman, arms hanging at either	Logogram mn (to love).					
	TSL	Y (in core)		Y				Man and woman, opulating on a bed.	Logogram nwt.tyf (his townman).	aased on tne three radicals of the verb ntf (to wet, to moisten), used figuratively to mean				
	CT I, 273,d (T3C) verified with image	Y (in core)		Y				man, standing, with knees down, arms extended forward, facing another man in the same position, holding	Classifier playing (Hab).				Yes	
	CT I,273,d (T1C).	Y (in core)		Y				Man, seated, right knee raised, arms extended forwards, handpalms forwards, facing another man in the same position, hands touching.	Classifier playing (Hab).	Found and verified by Tobias Konrad, AAU project. Draw using A4 as a base (but put the forearms closer together, it is basically two people playing one of those clapping games).				Additional row.
		N (auto)		N						No sources given				
		N (auto)		N						No sources given				
		N (auto)		N						No sources given				
		N (auto)		N						No sources given				
		N (auto)		N						No sources given				
		N (auto)		N						aased on I1A sag or snd (to bend, lemma-no. 119420), this is not a sign, but iconographical.				
	Rdt 1 (Oriston), p. 12, Pl. I.	Y (in core)		Y				God, seated, both knees up, with covered legs and arms, with a long curved beard and long wig, with two heads with long curved beard and long wig written overlapping behind the head.	Logogram nTr w (gods).					
		N (manual)	N	N						Seems graphically and functionally identical to F06B2 (B1).		Sreastless dup of B1 (because of IFAO)		
		N (manual)	N	N						seems graphcasy and functionally identical to F06B2 (B1), but mirrored.				

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight	Vols	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
F06B2	B-01-003			13050	A			B1	B1			B1	**8577**	2	4586	3853	136	1_1070_00	B1	B001	28;1	48;3	155;4	1;48	B;0100		B13;5			85	1	4	1	5	158	B;3	*i;t;tw;tt*	20											
F06B3	B-01-004				F			B1Ax														48;4													B;57	*i;t*	2											
F06B4	B-01-005				A			B1A	B1A			B1A	**93**	1	83	9	1_1070_01				28;1	48;6		1;48						615	5	33	4	1	261	B;59		14		Y									
F06B5	B-01-006				E			B56A	B56A			B56A	**2**			2						48;8													B;103	*hwt*	3				TLA tokens (BM EA 10188,1) 1_4 are different signs. Something is on their head, and there is no ureaus, but rather something in their hands (classifier A.t and nb.t-Hw.t), i.e, one of the B7 forms.							
F06B6	B-01-007				C			B1B	B1B			B1B	**1**			1														5		1			B;93	*i;t*	4				No idea where this token is attested.							
F06B7	B-01-008							B7Cx														48;9													B;123	*i;t*	2											
F06B8	B-01-009				A			B7C	B7C			B7C	**378**	21	323	34	1_1211				29;5	48;11			C;0400	1426;9		B007\	7				7	2	B;125		13		Y		I rather call this its own sign (as I did in TSL).							
F06B8	B-01-010							B7O																																		I could not verify it, as it is either from an unpublished papyrus, 1-3, or from Edfu VII, where the transcription used B8 instead. The examples from Ramses are rather an overinterpretation from Hieratic in my opinion ureaus as wen. ynowever, i do not think it is valuable to distinguishe between diadem with ureaus and diadem without one. (See TSL B7C, in which most witnesses have a ureaus as well.)							
F06B9	B-01-011				B			B7A	B7A			B7A	**10**	5	5								155;8												1		*nhr^sh;hwt*	4	N	Y	DIFF								
F06BA	B-01-012				F			B7B	B7B			B7B																							B;131		1	Y	Y										
F06E9	B-01-013							B7P																																								
F06BB	B-01-014							B7D	B7D			B7D																																						
F06BC	B-01-015				C			B7J	B7J			B7J	**1**			1														1	6						*i;nhr;rpyt;hwt;t*	3				Transcribed as B7 with a S38 in Chassinat (Edfu VII,90,6), but I rather take it a B7E (see Edfu XIV, pl. DCXLII, drand). Without a doubt not a B7J though.							
F06BD	B-01-016				F			B7Ex														48;12													B;127	*i;hwt;t*	2											
F06BE	B-01-017				A			B7E	B7E			B7E	**48**			42	6				29;5	48;14	155;8	1;53						77	17	8	1	4	1	C;1259		13		Y									
F06BF	B-01-018					S		B7Em														49;1															1											
F06C0	B-01-019				F			B7F	B7F			B7F	**1**			1						49;2			B;										B;133		4				Facsimile seems to suggest this indeed exists. TSL candidate? (KIU 8735, line 10).							
F06C1	B-01-020							B7G	B7G			B7G										49;4													B;135		2											
F06C2	B-01-021							B7H	B7H			B7h										49;5													B;137	*rpyt*	2											
F06C3	B-01-022			13057	A			B7	B7			B7	**227**	41	184	2	1_1197			B007		49;6													B;129		7		Y		Grapheme should use the Jsesh and Hieroglyphica form, as although Gardiner added an ureaus, the token his sign is based on (which is the one encoded in TSL) does not actually have the ureaus, so the addition is erroneous to begin with.							
F06C4	B-01-023				C			B7L		B7L									B7						B;3400		813;12	b62 v123		1						5											
F06C5	B-01-024				F			B7K		B7K																				1						1											
F06C6	B-01-025				B			B7I	B7I			B7I	**1**			1														3	14	1			2		5				Hieratic, B7E at best, I would prefer to read B7C. Rdt 20 (Goyon), 64-65, pl IV (col 113,12)							
F06E7	B-01-026							B7N												B007N																1											
F06C7	B-01-027							B1P														49;7													B;79		2											

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
Y/I	TSL	Y (v5.2)		Y				Woman, seated, both knees up, with covered legs and arms. with lone hair.	Classifier female.					
		N (manual)	N	N						seems to be rotated to me (although less of a breast), I assume it is functionally identical.		breastless dup of B1A (because of IFAO)		
Y/I	TSL	Y (in core)		Y				Woman, seated, both knees up, with covered legs and arms, with long hair, holding a stem of papyrus with a bud (M131) or flower verticalv.	Phonemogram T.					
		N (auto)		N						Not supported.				
Y/I	Dendera Porte d'Hathor, p. 4,12, p. 72	Y (in core)		Y				woman, seated, both knees up, with covered legs and arms, with long hair, holding a club used by washer-men for beating laundry (U36)	Logogram Hm.t (majesty).					
		N (manual)	N	N		F06BB				rotate, i see no reason for its inclusion.		breastless dup of B7C (because of IFAO)		
Y/I	TSL	Y (in core)		Y				Woman, seated, both knees up, with covered legs and arms, with long hair, wearing a [illegible]	Logogram i (femine first person singular).	of the TSL tokens have something that could be interpreated as an ureaus on the head.				
Y/I	TSL (TSL_3_20996)	Y (in core)		Y				Woman, seated, both knees up, with covered legs and arms, with long hair, wearing a diadem and ureaus.	Classifier divinity (n.t).	F05BB (B7C) with ureaus.			Additional row.	
		Y (n=0,JSeh/IIG)		N						Cannot be supported.				
		N (auto)		N						Redraw in a new row, but with a ureaus on the forehead (See F08C4 (B7L)) as an example.			Redraw in new row	
Y/I	KIU 8623, line 31.	Y (in core)		Y				woman, seated, both knees up, with covered legs and arms, with long hair, wearing a diadem and ureaus, holding a tie or strap, used with sandals (ardi-sign, S36), which angles [illegible]	Classifier divinity (tfm.t).					
		N (auto)		N						No sources given.				
Y/I	Esna VI 575,15, p. 76,11	Y (in core)		Y				woman, seated, both knees up, with covered legs and arms, with long hair, wearing a diadem, holding a sceptre with a straight shaft, topped with the head of the Seth	Phonemogram T.	Verified by Peter Dils.				
		N (manual)	N	N						i consider tns a breastless form of F08BE, and not worthwhile to encode.				
Y/I	KIU 2487, line 14	Y (in core)		Y				Woman, seated, both knees up, with covered legs and arms, with long hair, wearing a diadem, holding a stem of papyrus with a bud (M131) or flower vertically.	Classifier divinity (hrw.t).					
		N (manual)	N	N						i consider tns a breastless form of F08BE, and mirrored. Not worthwhile to encode.		possibly breastless		
Y/I	KIU 8735, line 10	Y (in core)		Y				Woman, seated, both knees up, with covered legs and arms, with long hair, wearing a diadem, holding a flaxellum (S45).	Classifier ruler (HqA.t).	Seems to be there, although it could have been a poorly carved F08D5 (B1K) as well.			Yes	
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
Y/I	TSL	Y (v5.2)		Y				Woman, seated, both knees up, with covered legs and arms, with long hair, wearing a diadem, holding a flower which curves forward, with the flower orientated downwards.	Classifier female royalty.	**Now the Unicode form.** (Should be the sign used for U+13057, so not added as separate code point.)		U+13057 moved from F08C4		
		N (manual)	N	N						**Former Unicode form.** (F08JC should be the sign used for this token, Gardiner considered erronious)				
		N (auto)		N						JH-D token (Dendera XIII, p. 167,11) could not be verified with an image. **sign redrawn as F08E7.** (Note that technically this token), when used with the fuction Hrw.t (mistress), the thing on the head is not a diadem, but rather a W10. Add a				
		Y (n=0,JSeh/IIG)		N										
Y/I	BIFAO 90, p. 87, pl. III (bsp image).	Y (in core)		Y				woman, seated, both knees up, with covered legs and arms, with long hair, wearing a cup (W10) on her head, holding a stem of papyrus with a bud	Logogram Hrw.t (mistress).	W10, not diadem.		redraw of B7I w/W10 on head		
		N (auto)		N						No sources given.				

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikee | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Siz | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weleti
F0713	B-03-004			C			B65	B65			B65	4			4									B;0500					4							3
F0714	B-03-005						B16	B16			B16										50;15			B;3001										B;85		3
F0715	B-03-006						B16A														50;11													B;73		2
F0716	B-03-007						B14	B14			B14										50;12													B;69		2
F0717	B-03-008						B14B														50;13													B;71		2
F0718	B-03-009			B			B15	B15			B15	2			2					30;3	50;14			B;0800					15						B;17		6
F0719	B-03-010						B16x														50;15													B;85		2
F071A	B-03-011			C			B59	B59			B59									32;4									6							2
F071B	B-03-012						B17	B17			B17									32;4	51;2													B;15		3
F071C	B-03-013						B60	B60			B60																										0
F071D	B-03-014			E			B11	B11			B11									30;1									2							2
F071E	B-03-015			C			B19	B19			B19	3			3						51;3													B;91		3
F071F	B-03-016						B20	B20			B20										51;5													B;97		2
F0720	B-03-017						B61	B61			B61													B;2300												1
F0721	B-03-018						B62	B62			B62													B;1903												1
F0722	B-03-019						B82	B82			B82													B;4006												1
F0723	B-03-020			F			DE104		DE104											B120									1							2
F0724	B-03-021						B89	B89			B89																										0
F0725	B-03-022						B90	B90			B90																										0
F0726	B-03-023						B97	B97			B97																										0
F0727	B-03-024						B98	B98			B98																										0
B04. woman seated on a chair																																					
F0740	B-04-001			C			B21A	B21A			B21A	4			4						51;6			B;3100												4
F0741	B-04-002			B			B21B	B21B			B21B	13			10	3					51;8				1426;10				83		3			B;153		7
F0757	B-04-003						B21Bx													B021J															1
F0742	B-04-004			B			B21F		B21F																				24		3					2

Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
			For the four attestations from the TLA, I cannot support this reading, as even if I would take it as this sign, the thumb would be downward, not up. Note that Goyon does not transcribe this sign either as B65.																			
	Y								Y;I	Edfu II, p. 65,17, Edfu XII, pl. CCCLXXXII (drand).	Y (in core)		Y				Woman, seated, both knees down, with long hair, arm raised in front , hand at the hight of the face, hand horizontal, hand palm up.	Phonemogram mrt (to form mr.ty (the two eyes)).	H&S token (somewhere in CHP 102, pl. 47, but I doubt this is correct). The JH-D tokens I could verify where either F071A (B59) (Dendera X, 423,15) or a variant of this sign with the hand raised as if to greet (i.e, handpalm outwards and vertical) (Dendera X, p. 419,10, pl. 274 (SmI(A).t). KIU 6521, line 5 has a variant with one knee raised.				
																	Woman, seated, both knees down, with long hair, arms extended forwards, towards the knees, handpalms upwards, with a riple of water (N35) above the hands.						
									Y;I	CHP 100, Khonsu I, pl. 21, col. 8	Y (in core)		Y					Classifier to welcome (nyny)					
											N (auto)		N						No sources given.				
																			nore inae a ranner similar sign occurs in KIU 6657, line 1, but that is supposed to be male (classifier personal name iwAryt), I think?				
											N (auto)		N										
											N (auto)		N						No sources given.				
										Davies, Gardiner, Seven private tombs at Kurnah, p. 55-56, pl. 36 (tRI VI, 86F)							Woman, seated, both knees down, with long hair, arms raised in front, hands vertical, handpalms outwards.	Classifier to praise (dwA).				
			I have no idea where this is attested.						Y;I		Y (in core)		Y										
											N (manual)	N	N						Duplicate of F0714 (B16).		dup of B16 (F0714)		
																	Woman, seated, both knees down, with long hair, arm raised in front, hand at the face, handpalm inwards.						
										Dendera X, p. 145,9 pl. 79.	Y (in core)		Y					Classifier HA.t (mourner).				
									Y;I										No sources given (Cauville does not refer to this sign).				
											N (auto)		N										
											N (auto)		N						no sources given, ana seems to be a simple arrangement.				
																	Woman, seated, both knees down, with long hair, right arm in front of the body, left arm extended forward, hand on the knee.						
										Dendera X, p. 50,9, pl. 30.	Y (in core)		Y					classifier divinity (wnr.t)	Exists, but based more on the iconography than the actual sign.			
			the sources, and in Edfu VIII, there is no sign of a breast, and there Chassinat added a slc. The other two belegen either are transcription only, or in the case of beleg 1, refers to a male name, so this sign would be highly unlikely.																				
	Y	DIFF									Y (=O,ISeh/HG)		N						I could not verify any of the sources with an image.				
											N (auto)		N						No sources given.				
											N (manual)	N	W						CT V, 269,d (B2Bo). Unclear male or female.			Yes/wait	
											N (auto)		N						H&S token (CT I,296,h (T2C)) is not this sign.				
																	Woman, seated, both knees down, with long hair, both arms forward, with a ball or other round object (tambourine?) between the two hands.		See KRI III, p. 625,3, Qubell, Rameseum, pl. X,4. (https://egyptmanchester.wordpress.com/2014/12/22/texts-in-translation-14-the-stela-of-nemese-acc-no-1759/)				
										Manchester univerasity museum 1759 (stela of ramose), bottom register, col. 2.	Y (in core)		Y					Classifier fortune (rnn.t).				
									Y;I								Woman, seated, both knees down, arms raised in front, upper arms horizontal, hands in a clapping motion; on top of a cover of a quiver without a loop on top.						
										Dendera XIV, p. 3,7, Commentaire pl. II	Y (in core)		Y					Classifier to clap (dnn) + phonemogram s.	It could be argued that the signs should be read disconnected from each other. Woman is sitting on a Aa28 variant, not O32A/O32B, in my opinion, as it fits the function better.			
									Y;I		N (auto)		N						No sources given.				
											N (auto)		N						No sources given.				
											N (auto)		N						No sources given.				
											N (auto)		N						No sources given.				
			none trat the dissction between this sign and A50 is difficult to see, but the context would support a female here.																				
	Y								Y;I	MDAIK 31, Schenkel, p. 145, abb. 13, pl. 49.	Y (in core)		Y				Woman, seated on a chair, with long hair, lower legs separated, no arms visible.	Logogram Sps (to be noble).	No breasts in the sources.				
			different image: KIU examples are a variant with arms, even though the distinction between male and female is based on the hair and context (cartouche Hatshebsut), instead of the breasts. Beleg 2-5 use the same form as Kannak (i.e, with arms, the breasts are unclear, but context supports it). Beleg 1 is the same. I suggest that the image might need to be changed for this code (Jsesh, Hieroglyphica, unicode, TSL etc.) However, I vote no for this specific image																				
	Y	DIFF								M. Ibrgensen, Ny Carlsberg Glyptotek. Egypt III, 2001, 221, 237 (AEIN 1522)	Y (in core)		Y				Woman, seated on a chair, with long hair, lower legs separated, no arms visible, with a flagellum (S45) on her knee.	Logogram Sps (to be noble).	Found and verified by Peter Dils. No distinct breasts.			Yes	
																	woman, seated on a chair, with long hair, both arms forward, forearms horizontal, one above the other, holding a flagellum						
									Y;I	KIU 1725, line 1	Y (in core)		Y					Logogram Sps (to be noble).	More based on context rather than graphical distinction with F04F3 (A51)		redraw of F0741 (B21B)		
																			HqA staff inwards. JH-D tokens could not be verified with an image (Dendera XIV, p. 123,4, commentaire pl. LI could be this sign, but my image is too poor to be certain about the crook and if there is a base or not., and Porte d'Hathor tokens were either not visible, or had a base under the sign. JH-D Dendera XV token (Verified by Peter Dils) was a lion-type throne (upwards tail), upon a glider or base.				
											N (auto)		N										

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikeı	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F0743	B-04-005				B		B21G		B21G																					16		1					*Ipwt*	2
F0744	B-04-006				B		B21	B21		B21		**30**			30		1_1108			30;4	51;9		1;54b													B;145		6
F0745	B-04-007						B21I														51;10														B;147		2
F0746	B-04-008						B21H													B021H		51;11														B;149		3
F0747	B-04-009						B21C	B21C		B21C												51;12														B;151		2
F0748	B-04-010						B21E	B21E		B21E																												2
F0749	B-04-011				E		B23B	B23B		B23B	1					1									B;3101													2
F074A	B-04-012						B94	B94		B94																												1
F074B	B-04-013				C		B22	B22		B22												51;13			B;3103					3						C;1015		4
F074C	B-04-014						B23	B23		B23												51;14			B;3102												B;141		3
F0758	B-04-015						B23x													B023X																		1
F074D	B-04-016				A		B23A	B23A		B23A											30;4		155;9	1;54b	B;3104					233	3	1		2				8
F074E	B-04-017				E		B23G		B23G											B023G										2								2
F074F	B-04-018				C		B23F	B23F		B23F																					7			1				2
F0750	B-04-019						B23C	B23C		B23C																												1
F0751	B-04-020				E		B23D	B23D		B23D		**2**				2																						1
F0752	B-04-021						B23E	B23E		B23E																												1
F0753	B-04-022						B93	B93		B93																												1
F0756	B-04-023				E		HA3712													B121												2					2
F0754	B-04-024				F		B21D	B21D		B21D		**1**				1									B;3105													2
F0755	B-04-025						B78	B78		B78															B;3600													1

805. Woman; standing

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
		N (auto)		N						HqA staff outwards. JH-D tokens could not be verified with an image (or at least my images from commentaire are poor, or the sign occurs on a base). Porte d'Horus token did not seem to have a flagellum. JH-D Dendera XV tokens (verified by Peter Dils), were either on a lion throne (tail upwards, Dendera XV, p. 228,8), or a block throne (Dendera XV 280,13 (includes base), and often on a base (Dendera XV, 280,6). Additionally, the HqA staff is commonly the other				
Y;i	TSL	Y (in core)		Y				Woman, seated on a chair, with long hair, lower legs separated, no arms visible, with a flower on the knee, which curves towards the face, with the flower in	Logogram Sps.t (noblewoman).						
		N (auto)		N						No sources given.					
Y;i	Cairo JdE 91720, bandeau, left side (Brandl, 2008, pl. 110, top right image).	Y (in core)		Y				Woman, seated on a chair, with long hair, lower legs separated, no arms visible, with a flower on the knee, which curves forward, flower hanging downwards near the knee.	Logogram Sps.t (noblewoman).						
		N (auto)		N						No sources given.					
		N (auto)		N						No sources given.					
Y;i	KIU 8742, line 5 ... frame 10, (Cenival, Abu Sir papyri, pl. XLVI, fragment B).	Y (in core)		Y				Woman, seated on a block throne, with long hair, no arms visible.	Logogram Sps.t (noblewoman).	No clear sign of breasts in the token.					
Y;i		Y (in core)		Y				Woman, seated on a block throne, with long hair, with an uraeus on the forehead, no arms visible.	Classifier name female royalty (xnt-kA.wrs)	Found and verified by the AKU project.					Yes
		Y (manual)	Y	W						Supposedly on Berlin AM 15004, but I cannot locate a decent photo (Link I, p. 37,13). The JH-D tokens cannot be verified with an image (Dendera XIII, p. 282,12; 293,14; 309,14).		redrawn in place	Yes/wait	
		N (manual)	N	N		F0758				**Redrawn into F0758.** (Redraw sign with a base (like F074E (B23G)), and without the rectangle inside the throne. (see http://www.gizapyramids.org/static/pdf%20library/reisner_gn_boston/giza_necropolis_2/plates_13to31.pdf).)				
Y;i	Reisner/Smith Giza necropolis II, pl. 29.	Y (in core)		Y				Woman, seated on a block throne without internal detail, on a base, with long hair, right arm in front of the body, left arm extended forward, hand on the knee.	Classifier personal name (Htp-Hrw.).			redraw of B23 (F074C)		
Y;i	KRI VI, 346,9, BIFAO 63 (1965), p. 210, pl. XXIV,C.	Y (in core)		Y				Woman, seated on a block throne, with long hair, both arms forward, forearms horizontal, one above the other, holding a flagellum (345).	Classifier personal name.	In Dendera, there is practically always a base below the sign (i.e., F074E). Additionally, none of the images are clearly this sign, but could simply be read as A51A with a base. I understand why in Dendera this sign is used, as it occurs in a feminine context. However, graphically I doubt that a clear distinction can be made.				
Y;i	Dendera XI, pl. 144,11, p. 130 (bandeau).	Y (in core)		Y				woman, seaseo on a block throne on a base, with long hair, both arms forward, forearms horizontal, one above the other, holding a flagellum	Logogram Sps (to be noble).	Nearly all checked examples of F074D are this sign in my opinion (beside the gender issue discussed with F074D).		near dup of HG B23A		
		Y (n=0,JSeh/HG)		N						The only tokens I could verify with certainty (Dendera Porte d'Isis, p. 43,4, 12, pl. 50 (Brand)/(Brand), have a base under the block-throne, and the flower is in a different position (basically rotated 90°). Either redraw based on this variant, or leave out of Unicode.				
		N (auto)		N											
		N (auto)		N						TLA tokens are F0746.					
		N (auto)		N						No sources given.					
		N (auto)		N						No sources given.					
Y;i	Dendera, Porte d'Hathor, p. 26,8, p. 94. ; I 130 (Neferhotep), Hari (1985), p. 36-40, pl. 26, 68b, column 8 (snOm).	Y (in core)		Y				a chair, with long hair, both arms forward, forearms horizontal, one above the other, holding a stem of papyrus with a bud (M131) or flower, of the length of the seated figure, vertically.	Logogram Sps (to be noble).			Hathor 26,7 29,14		
Y;i		Y (in core)		Y				Woman, seated on nothing, arms at either side of the body, hanging beside the body.	Classifier resting (snOm).					
Y;i	Engelbach, in: ASAE 31, 1931, pl. II (coffin from KV 55).	Y (in core)		Y				narc, seaseo on nothing, forelegs separated, right arm raised with hand to mouth, left arm hanging beside the body.	classifier youth (rnp\).	Verified by Peter Dils. I could not acces the H&S source, Pereparillon, Golden coffin, p. 33.				

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F076D	B-05-001						B32	B32				B32									52;1															B;159		2
F078D	B-05-002						B32A																														mid	
F0761	B-05-003				C		B27	B27				B27	1			1					30;5	52;2	155;10	1;33k		B;3000	1426;11	813;14		B8005							B;165	mid	10
F0762	B-05-004						B27A														52;3															B;53		2
F078E	B-05-005						B27B																															
F0763	B-05-006						B13A	B13A				B13A									52;4															B;51		2
F0764	B-05-007						B13B														52;5															B;49		2
F0765	B-05-008				F		B15A	B15A				B15A																		1								1
F0766	B-05-009						B25	B25				B25																											
F0767	B-05-010				C		B28	B28												B028A	30;6									5							3
F078B	B-05-011				F		B28x		B28	1		1								B028																		2
F076B	B-05-012				F		B88	B88				B88										32;7									1								2
F0769	B-05-013				C		B24	B24				B24	3			3										B;0600			B8001									3
F076A	B-05-014				E		B63	B63				B63														B;0700				1								2
F076B	B-05-015						B24A	B24A				B24A														B;0601												1
F076C	B-05-016				D		B64	B64				B64														B;0900	1426;16	814;3		1								4
F076D	B-05-017				F		B65A	B65A				B65A														B;0503									1			2
F076E	B-05-018						B66	B66				B66														B;3202												1
F076F	B-05-019						B69	B69				B69																									mmm	
F0770	B-05-020				E		B33	B33				B33									30;8	52;6	155;11													B;157		4
F0771	B-05-021						B34	B34				B34									30;9	52;7														B;161	M-tr	3
F0772	B-05-022				D		B35	B35				B35									31;1	52;8	155;12										1			B;169	nd	5
F0773	B-05-023				C		B36	B36				B36	1			1					31;3	52;9				B;1902				1				1	B;55		7

Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
				Louvre C66, col. 2 is not A136 but it is B27	Y	Y		
			Hieratic only. P. Boulaq 6, recto VI,6 (note that in hieratic the sign has rather wild hair, see attached image (BdE 87, pl. VII-VIIa)					
			I am not really convinced, I could only find an image for belag.3, where I consider the sign a (extremely) poorly made B1, as I consider reading it as a B24 a bit of an overcorrection.					
	Y							
			Too damaged to be certain (KIU 3601, line 3)					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph
		N (auto)		N			
Y/i	A.M. Moussa und H. Altenmüller, Das Grab des Nianchchnum und Chnumhotep, AV 21, Mainz 1977, 159b (Szene 34.4) und Tf. 81b	Y (in core)		Y			
Y/i	KIU 8784, line 15; Louvre, C 66, col. 2.	Y (in core)		Y			
Y/i	CIP 84, Medinet Habu VI, pl. 398.E (line 2)	Y (in core)		Y			
		N (auto)		N			
		N (auto)		N			
		N (auto)		N			
		N (manual)	N	N			
		Y (=D,I5eh/HG)		N			
Y/(i)	Dendera X, p. 292,7, pl. 170 (top image, line).	Y (in core)		Y			
Y/(i)	Dendera X, p. 413,3, pl. 271, col. 21.	Y (in core)		Y			
Y/i	KIU 1127,15	Y/R (in core)		Y/R			
		N (auto)		N			
Y/i	Spalinger, dedicatory text Ramses II, p. 36, pl. 130-131, col. 53	Y (in core)		Y			
Y/i	Dendera XV, p. 42,11, Commentaire pl. XXIV. CIP 102, Khenuel, pl. 59, middle register, between first and second figure group from left.	Y (in core)		Y			
Y/i		Y (in core)		Y			
		N (auto)		W			
		N (auto)		N			
		N (auto)		N			
Y/i	Dendera IX, p. 27,12, pl. DCCCXXXI, left image, top section, col. 5.	Y (in core)		Y			
Y/i	Dendera Porte d'Hathor, p. 35,11, p. 103 (bandeau)	Y (in core)		Y			
		N (manual)	N	N			

Sign description	Function in context	Comments JG	Examples
		No sources given.	
Woman, standing, right arm forward, arm bend, hand slightly higher than the shoulder, holding a flower with a long stem which angles forwards and downwards, just under the flower, which is in front of the face, left arm hanging beside the body.	Classifier name.	Found and verified by Peter Dils. F0760 (B32) with a different position for the front arm.	
Woman, standing, back slightly bend forwards, arms extended forwards, hands at the hight of the waist, handpalms upwards, with a riple of water (N35) above the hands.	Classifier to welcome (nymy)	sign does not occur based on my version of Edfu IV, 384, 13 (Valeurs source).	
Woman, standing, wearing a diadem, back slightly bend forwards, arms extended forwards, hands at the hight of the waist, handpalms upwards, with a riple of water (N35) above both hands.	Classifier to welcome (nymy)	Found and verified by Peter Dils. F0762 (B27A) with a diadem on the head.	
		No sources given.	
		No sources given.	
		zn-u token (Lwnsera XV, p. 7,10) could not be verified with an image.	
		sign is practicany identical to F0765 (B15A).	
		clear enough, but I would rather read the bwsh form (F0788, i.e., handpalms outward) over the HG form (handpalms inward).	
Woman, standing, with long hair, arms raised in front, hands to the face, handpalms outwards.	Classifier mourners (H(A)y.t)	None of the tokens were really clear, but based on the iconography below the sign, I would suggest reading this sign (handpalms outwards) instead of the HG form (handpalms inward).	
Woman, standing, with long hair, arms raised in front, hand to mouth.	classifier sgb.wt (screamers, mourners)	image is not coar enough to be certain this sign is different from F0705. However, functionally, it would fit (classifier sgb.wt (screamers, mourners)).	
Woman, standing, with long hair, arms hanging at either side of the body.	Classifier divinity (As.t).	Redraw the arms of the sign to be straight (not this unusual angle of the arms), and make sure the handpalms for both arms are towards the back.	
		JH-D token (Dendera Porte d'Isis, p. 25,7, pl. 30, middle image, bandeau) does not have its right arm raised (but is not F0769 (B24) either). I could not verify the H&S token (CT I 272;b (T9C)) with an image.	
Woman, standing, with long hair, right arm forward, hand at the hight of the waist, left arm over the body, left hand on the waist.	Classifier relationship (nrmv.t)	Not clearly female in this token, but context suggests that it should be read as such.	
Woman, standing, with long hair, arms raised at either side of the body, hands horizontal at the hight of the top of the head, handpalms upwards.	Classifier to raise/to support (wy).	H&S did not provide a source, Hannig does not provide a source (but does not occur in TLA tokens form JHb.t).	
Woman, standing, with long hair, arm in front, hand horizontal at the hight of the face, handpalm upwards.	Classifier singing (Sma).		
		Currently, my image of H&S token (Cairo CG 34009, line 6) is not clear enough to recognise the sign.	
		No sources given.	
		Caxville token (Dendera IV, p. 131,2) and Valeurs token (Dendera IV, p. 115,2) could not be verified with an image.	
Woman, standing, with long hair, right arm forward, hand at the hight of the waist, holding a sedge (M23) of the hight of the woman, with the tip curving forward, left arm hanging beside the body.	Phonemogram sw.		
Woman, standing, with long hair, right arm forward, hand at the hight of the waist, holding a crook (S38) of the hight of the woman, with the opening outward, left arm hanging beside the body.	Loggogram HqA (to rule).	Sign is damaged, but seems to be there. **redrawn into nurse.** (Redraw the triangle below the hands to resemble a N26, but with the same hight and width of the current triangle.)	

Comment MS	Change (Berlin)	Changes (post 19-02-2023)
	Additional row	
water barely visible		
	Additional row	
near dup of B15A		
hiding, mourners		
greeting		
	Yes	
	Redraw in place.	
	Wait	

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vois | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vols | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG Redrawn into F078B. | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
																																					mrw	
F078T	B-07-007				F		B43	B43			B43										53;5														C;1205		2
F078B	B-07-008						B44	B44			B44										53;6														B;179		2
																																			b	
F078J	B-07-009				F		B81	B81			B81																								B;175		1
F078A	B-07-010				F		H02505																										1				1
808. Woman; musician																																					
																																			mkmy,ḫrt	
F07D0	B-08-001				B		B45	B45			B45	1			1						31;6	53;7	155;14	1;54	B;2500					10		2		7	B;193		10
F07D1	B-08-002						B45B	B45B			B45B														B;2401												1
																																			n;nb;wbnt;dbn	
F07D2	B-08-003				A		B45A	B45A			B45A	14			13	1					31;7	53;8	155;14	1;54	B;2400	1426;13				108	1	6		1	B;191		13
F07D3	B-08-004						B46	B46			B46										53;9														B;189		2
																																			ỉḫyt	
F07D4	B-08-005			13059	B		B47	B47			B47	26			24	2			B009		31;8	53;10			B;2600	1426;14	814;2			1				2	B;195		11
F07D5	B-08-006						B57	B57			B57														B;2700												1
F07D6	B-08-007						B48B														31;9	53;11													B;199		3
F07D7	B-08-008				E		B48	B48			B48										31;9	53;12	155;15												B;197		4
F07D8	B-08-009						B48C														32;1	53;13													B;201		3
F07D9	B-08-010				C		B109		B109																					4							1
F07DA	B-08-011				D		B110		B110																					3							1
F07DB	B-08-012						B48A	B48A			B48A														B;2800												1
F07DC	B-08-013						B45C																														
809. Woman; queen or goddess pregnant; giving birth; breastfeeding																																					
F07F0	B-09-001				F		B2x															54;1												B;21		2
																																			wrḏ;ḥtḥt;mrwt	
																																			ḥ-t;ḫ-ḥ;	
F07F1	B-09-002			13051	A		B2	B2			B2	97		31	62	4	1_1104		B2	B002	28;3	54;2		1;50		813;6								2	B;25		12

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
								Woman, standing, wearing the white crown (S1), right arm forward, hand at the hight of the waist, holding a stem of papyrus with a bud (M131) or flower, of the size of the woman, vertically, left arm hanging beside the body, holding a tie or strap, used with sandals (ankh-sign, S34), at the loop.						
y,ỉ	Division, ASAE 40, p. 373, 375.	Y (in core)		Y					Logogram n.p.w.t (king of UE).	Note, sign technically occurs together with other humanoid figures, standing on a base.				
		N (auto)		N						No sources given.				
								Woman, standing, wearing the red crown (S3), arms hanging at either side of the body.						
y,ỉ	Rdit II (Division), p. 24, 26, fig. 4.	Y (in core)		Y					Phonemogram b			Neith		
										Porte d'Horus, p. 25,6, p. 109) is even more interesting in my opinion, as it seems to me that it is more like B45 with a D40 in the hands. If added, needs a rather drastic redraw.				
		Y (manual)	Y	W								Horus 25,6, may need redraw	Wait	
								Woman, standing, with long hair, both arms forward, hands at the hight of the shoulder, holding a		Note that the tambourine could be a ball, or anything else that is a circle as well.				
y,ỉ	d'Isis, p. 33,12, pl. 41. (bandeau above the scene).	Y (in core)		Y					Logogram nḥm (rejoicing).	Exists, verified with online image (http://gebelelsilsilaepigraphicsurveyproject.blogspot.com/2017/06/bd-ramesside-royal-stelae-west-bank.html), but I highly doubt it would be a meaningful variant of F07D0 (B45). Note that nḥm is spelled with an G1 (i.e., as mḥ4).				
								Woman, standing, with long hair, both arms forward, hands at the hight of the shoulder, with a circle (tambourine?) floating above the hands.						
y,ỉ	KRI VI, p. 225,11 (West Silsila stela, Ramses V, line 8).	Y (in core)		Y					Classifier nḥm (to rejoice).				Yes	
										Dendera Porte d'Hathor, p. 42,13, pl. 120 has a variant which includes the F102 Hathor crown. Note that the circle might represent a ball or any other thing that is a circle as well.				
								Woman, seatead, both knees down, with long hair, both arms forward, holding a tambourine.						
y,ỉ	KIU 4205, line 1	Y (in core)		Y					Classifier jubilation (sA-tA).					
		N (auto)		N						No sources given.				
								Woman, standing, with long hair, right arm extended forward, hand at the hight of the shoulder, holding a sistrum (Y18), vertically, left arm hanging beside the body, both knees down, wearing a diadem, right arm extended forward, held horizontally, holding a a tie or strap, used with sandals (ankh-sign, S34) vertically, left arm extended forwards, between the legs and the right arm, holding a bead-necklace with counterweight at the counterweight.						
y,ỉ	KIU 3601, line 4	Y (v5.2)		Y					Logogram ỉrt.yt (the musician).					
	Petrie, Six temples, pl. IX,2 (CG 600, back pillar).	Y (in core)		Y					Classifier sistrum player (sxm.yt)).	In the facsimile without a doubt an ankh sign is held, but functionally one would expect a sistrum. Needs verification with an image to be completely certain.				
										The only Caucille token I could verify with an image (Dendera VI, p. 118,12, pl. DXLVI) could just as well be represented by F043C (A241). Functionally, one would expect a female here, but I cannot support it.				
		N (auto)		N						Laurence actuary refers to F07D6 as the form. No other sources given.				
		N (auto)		N						(Dendera III, p. 102,11; 133,13) could not be verified with an image.				
		N (auto)		N						JH-D tokens (Dendera XIII p. 131,6; Dendera XIV, p. 7,10) could not be verified with an image.				
		N (auto)		N						JH-D token (Dendera XII, p. 131,6) could not be verified with an image.		goddess (Neith?)		
		N (auto)		N						(Hart), pl. XXX, LXVII (col B); JNES 4 (Lichtheim), pl. VIII), which is male, and has only one hand to the harp (see F043E, A243).				
										Found and verified by Peter Dils. Note that the tick on the head is damage, and should be ignored, and make sure that it is not handpalms upwards, but thumb toward the top, with the back of the hand towards the reader.				
								Woman, standing, with long hair, both arms forward, hands at the hight of the forehead, nearly horizontal, hands as if clapping.						
y,ỉ	Dendera XIV, p. 7,10.	Y (in core)		Y					Classifier female rhythm maker (dnn.t).				Additional row	
		N (manual)	N	N						Duplicate of F07I0 (B12).		close to B12		
								Woman, pregnant, seated, both knees down, with a band of cloth around the head, right arm forward, angling down towards the knee, left arm hanging beside the body.						
y,ỉ	TSL	Y (v5.2)		Y					Classifier pregnant (nwr).					

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vois | Comment DW | Yote DW Core (2021) | DW differenty | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F0801	B-09-021			E		B6C	B6C		B6C	1					1									B;4004													2
F0802	B-09-022			E		B6A	B6A		B6A	1					1						29;4	54;14			B;4005													5
F0803	B-09-023					B6B	B6B		B6B																B;4005													1
B10. Woman; varia																																					
F0810	B-10-001					B3D	B3D		B3D														1;54a															1
F0811	B-10-002			D		B37	B37		B37	1					1											1426;12	B14;1	b69 v2	B8004									5
F0819	B-10-003					B37A														B037A					B;1100													2
F0812	B-10-004					B36A	B36A		B36A																B;1901													1
F0813	B-10-005					B36B	B36B		B36B																B;1900													1
F0814	B-10-006			D		B67	B67		B67	1					1																				2			2
F081A	B-10-007					B67A																														*sty:m*	
F0815	B-10-008			F		B85	B85		B85																											B;93		
F0816	B-10-009					B102	B102																															
F0817	B-10-010					B102A	B102A		B102/																													
F0818	B-10-011			F		DE129		DE129																						1							1
C.H. Gods																																					
C01. God; seated; various headsets																																					
F0830	C-01-001			F		C118Ax																55;1													C;173	*t^k:w-bm mwnt:nb:jmnw*	2
F0831	C-01-002			B		C118A	C118A		C118/	14				12	2						45;1	55;2	155;20	1;60b						39	3		5	1	7	C;181		12
F0832	C-01-003			B		C118	C118		C118	6				4	2	1_1309													1	1				3	C;182	*gb*	7
F0859	C-01-004					C118B																															
F0833	C-01-005					C119y																55;4													C;183		2
F0834	C-01-006					C119A	C119A		C119/													55;5													C;187		2

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
		Y (manual)	Y	W						KIU 627, line 4 does not clearly have a diadem, but there are traces on the head that could suggest a diadem, or simply a carving artifact (CDP 109, pl. 38 does not show the diadem). Calverley Abydos IV, pl. 20, right top, has a variant of this sign with a base.		redrawn with raised arm	Wait	
Y;I	Amarna VI, pl. 3 and 8, col. 2	Y (in core)		Y				Woman, seated on nothing, with a child on her lap, facing her, both arms down; both arms forward, right arm behind the child, left arm in front of the child.	Classifier nursing, rearing (nnn)	The image is not as clear as I would like, but it seems to be there (although I cannot say with certainty there is the full hair there).				
Y;I	BM EA 1376, base, left side. (KRI III, p. 74,13).	Y (in core)		Y				Woman, seated on a chair, both arms forward, holding a child, seated, both arms at either side of the body.	Classifier nursing, rearing (nnn)					
		N (manual)	N	N		F0C9A				An Kurnn sources are F0C9A/F0C9B (C163/C163A). **Redrawn into F0B19.** (Jseh and HG froms are quite different from each other, depicted here is the HG form. Redraw sign with the hair hanging downward, but not as Jseh (hair should be partly over the arms. (i.e., follow the form as in Davies).)				
		N (manual)	N	N		F0B19								
Y;I	Davies, Kenamun, pl. IX	Y (in core)		Y				Woman, bend backwards, facing up, arms and feet on the ground, hair hanging downwards.	classifier xb:t(dancer/acrobat).			redraw of B37 (F0811)		
Y;I	Abydos II (plates), pl. LXXIV-LXXV (Drioton, Kemi 12, p. 25). Diego Espinel, Andrés 2014. Play and display in Egyptian high culture: the cryptographic texts of Djehuty, p. 312.	Y (in core)		Y				Woman, standing, bend forward arms extended forward, hands towards an rectangular object in front of the feet.	Phonemogram nD.	Probably, but uncertain, as the only images left are old ones, as by now this section of the text is lost. H&S sources only refer to F0B12 (B36A).				
		N (auto)		N						nexos to oe incuseo, it should be a new sign, not replacing this one. (in case it actually exists somewhere).				
N		Y (=>D,JSeh/HG)		N										
Y;I	BM EA 10472 (BotD Anhay), sheet 5, chapter 110, col. 4.	Y (in core)		Y				woman, stamping, bend forwards, back horizontal, hair hanging forwards in front of the face, arms extended towards the ground, hands horizontal at the hight of the middle of the shins, handpalms - - - Woman, seated, with both knees down, with the head and arms of a child coming from the legs, both arms raised at either side of the body, hands at the hight of the top of the head, supporting a duck or goose (G38-G39) on each hand, looking outwards, with a half round loaf of bread (X1) over the shoulder of each bird.	Classifier moving back and forth (wnwn)	Found and verified by Peter Dils. F0B14 (B67) with the hair hanging forwards. Make sure the hands never reach as fer down as C199 and its variants.			Additional row	
Y;I	Drioton, CdE 9 (38), 1934, p. 197	Y (in core)		Y					Phonemogram xt:y-m (cryptography)					
		N (manual)	N	N						no sources given, practically a duplicate for F0676 (Jseh A131).				
		N (auto)		N						No sources given.				
		N (auto)		N						xn-u toxen (uenoera XIV, p. 10,3, commentaire pl. V) might be there, but way too poor in my image.				
		N (manual)	N	N						Duplicate of F0831 (C118A).		dup of C118A (because of IFAO)		
Y;I	Dendera XI, p. 70,2, pl. 75 (bandeau).	Y (in core)		Y				ua, seated, both knees up, with covered legs and arms, with a long curved beard and long hair/wig, with a crescent moon with the entire moon disk (N62) on its head, holding a sceptre with a straight shaft, topped with the head of the Seth	Logogram ra-nb (in combination with C268B).	**Redrawn in place.** (Change wig from short to long). Function relates to the day (ra) and night cycle (set), hence ra-nb.		redrawn in place		
Y;I	TSL	Y (in core)		Y				ua, seated, both knees up, with covered legs and arms, with a long curved beard and long hair/wig, with a crescent moon with the entire moon disk (N62) on	Classifier moon (iaH).	**Redrawn in place** (Change wig from short to long).		redrawn in place		
Y;I	KIU 4846, line 8.	Y (in core)		Y				God, seated, both knees up, with covered legs and arms, with a long curved beard and long hair/wig, with a crescent moon with the entire moon disk (N62) on its head, holding a tie or strap, used with sandals (ankh-sign, S34), angling forward.	Classifier moon/light (hAy.ty, together with Re, representing the sun and the moon as the two lights).	F0B32 (C118) holding an ankh sign).			Additional row	
		N (manual)	N	N						uapnoace or naeoo (Jseh C119).		dup of F0B55 (C119x)		
		N (auto)		N						No sources given.				

Comment DW	Vote DW Core (2021)	DW differentiality	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiality	Comment SP
			Karnak token is a variant without diadem.					
			My scanned images are too poor, but seems to be there (at least in the facsimile) Amarna VI, pl. 3 and 8, column 2.					
			Note that the Jseh form is a bit different (see attached image). Reading is uncertain in Ramses (P. Chester Beatty I, recto 16,10).					
			karnak exampse is naeoo, with hair hanging forward. (TSL candidate, KIU 5631, photo 172288, as a separate sign), although it functions as C199					
	Y	DIFF	Both attestations from Karnak are damaged, and for the Edfu examples the photos I had are too poor					
	Y	DIFF						

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikor	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val gph:alfw	Weight	Vols	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
F0835	C-01-007				B			C119	C119											C119X	45;2	55;6	155;19	1;61						25		1		1	C;185		9											
F0836	C-01-008				C			C119B	C119B			C119I	7		7															1							2	R	cf. shape of C119 (should have same beard)	Y	Beard can't be seen in detail, but if I have to guess, based on the function (Geb), it should be divine.					
F0855	C-01-009				C			C119a				C119	7		7					C119		55;4														C;183		4	R	cf. shape of C119B (should have same beard)	Y	Beard cannot be seen in detail, but based on the function (Geb), I assume it should be divine.					
F0837	C-01-010				F			C120	C120			C120										55;7														C;27		2											
F0838	C-01-011				C			C121	C121			C121	1		1		1_1326				45;3	55;8	155;25														C;25		6		Y	Maybe there, but the image is not clear enough to be certain. Edfu VII, 20,11, Edfu XIV, pl. DCXLII. (bandeaux frieze)					
F0839	C-01-012				C			C122	C122			C122	1		1						45;3	55;9	155;26														C;37		5			Seems to be there, Edfu VII, 20,11, Edfu XIV, pl. DCXLII. (bandeaux frieze), I cannot make out any precise detail on the seated figure, but there is without a doubt a F18 on its head.					
F083A	C-01-013				C			C123	C123			C123	1		1						45;4	55;10	155;34	1;63a						2							C;39		7				I have photo of D 15, 26.3. God Hu (transfer to category C?)	Y	Y	DIFF
F0109	C-01-014				F			D839		D839										C340										1						C;91		2											
F083B	C-01-015				C			C124	C124			C124	1		1						45;4	55;11	155;35	1;63						2							C;193		7			Maybe there, but the image is not clear enough to be certain, although what is on its head looks more like a circle to me, although it could be rectangular. Edfu VII, 20,11, Edfu XIV, pl. DCXLII. (bandeaux frieze)					
F0858	C-01-016							C124B												C124B																												
F010A	C-01-017				F			D832D		D832D										C341										1								2				I have photo of D 15, 26.3. God Sia (transfer to category C?)	Y	Y	DIFF
F083C	C-01-018							C124A														55;12														C;191		2											
F083D	C-01-019							C125	C125			C125																											xbw											
F083E	C-01-020				D			C125A	C125A			C125I									45;5	55;13	155;27														C;257		4											
F083F	C-01-021				F			C125B	C125B			C125I									45;6	56;1															C;259		3											
F0840	C-01-022				C			C126	C126			C126	2		2							56;2	155;21	1;60c														C;179		6			Damaged, but there seems to be a N27 there. Edfu VII, 147,9, Edfu XIV, pl. DCLXXV (no longer visible in 0196). However, there is no real sign left of the humanoid.					
F0841	C-01-023							C126A	C126A			C126I																																				
F0842	C-01-024				F			C127A														56;3														C;175	h;hf;hiwt	2											

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
		Y (n=D_JSeh/WG)		N						nu specinc norm or F0855 (Iwsh C119), beard type in the tokens suits that form better.				
Y;i	Edfu VIII, 122,17, Bartels photo 0154 (line above the divinities).	Y (in core)		Y				uaa, seateu, aonn knees up, with covered legs and arms, with a long curved beard and short hair/wig, with a uraeus on his forehead, with a star upon his head	Logogram gbb (Geb).	**Redrawn and replaced.** (Change beard to long, curved (i.e., divine beard).)		redrawn with longer curved beard		
Y;i	Edfu VIII, 83,3, Bartels photo 0093 (line above the divinities).	Y (in core)		Y				uaa, seateu, aonn knees up, with covered legs and arms, with a long curved beard and short hair/wig, with a uraeus on his forehead, with a star upon his head (N14), holding a sceptre with a straight shaft, topped with the head of the Seth	Logogram gbb (Geb).	Should keep the divine beard. Valeurs did not provide a source.				
		N (auto)		N										
Y;i	TSL	Y (in core)		Y				God, seated, both knees up, with covered legs and arms, with a long curved beard and short hair/wig, with an eye (D4) upon his head, holding a sceptre with a straight shaft, topped with the head of the Seth animal vertically.	Logogram n-tA (the earthmaker (divinity)).	**Redrawn and replaced.** (Beard could be more long and curved (divine beard).) I could not verify the tokens (Dendera II, 65,16; Edfu VII, 20,11, Mammisis Edfu I, p. 42,16; 19) with an image.		redrawn with longer curved beard		
		Y (n=D_JSeh/WG)		N										
Y;i	Edfu VII, p. 20,11, Edfu XIV, pl. DCXLII (bandeau frieze).	Y (in core)		Y				uaa, seateu, aonn knees up, with covered legs and arms, with a long curved beard and short hair/wig, with an elephants tusk (F18) upon his head, holding a sceptre with a straight shaft, topped with the head of the Seth	Logogram Hw (the utterance, divinity).	None of the tokens were clear enough, or could be verified with an image. (Dendera II, 201,6-7, Dendera VII, 143,11) Edfu token seems to be there, but could be clearer.				
Y;i	Dendera XV, p. 26,3.	Y (in core)		Y				long curved beard and long wig, with an elephants tusk (F18) upon his head, right arm forward, holding a sceptre with a straight shaft, a forked base, topped with the head of the Seth animal (S40); left arm hanging beside the body, holding tie or strap, used with sandals (ankh-sign S34) at the loop.	Logogram Hw (the utterance, divinity).	Verified by Peter Dils. **Moved.** (Move sign behind F083A (C123).)				
		N (manual)	N	N		F0858				**redrawn as rubus.** (Redraw as a new entry, replacing the Aa11 on the head with S32. Note that in the current form, it looks more like Aa11 on the head, but functionally, it should be read as S32. (The image is rather poor, but would suggest				
Y;i	Dendera X, 38,8, pl. 28, col 76.	Y (in core)		Y				uaa, seateu, aonn knees up, with covered legs and arms, with a long curved beard and short hair/wig, with a rectangular piece of cloth, with fringes on one of its short sides (S32) upon his head, holding a sceptre with a straight shaft, topped with the head of the Seth animal	Logogram siA (perception/knowledge (divinity).	Redrawn form of F083B.		redraw of C124 (F083B)		
Y;i	Dendera XV, p. 26,3.	Y (in core)		Y				God, standing, with long curved beard and long wig, with a rectangular piece of cloth, with fringes on one of its short sides (S32) upon his head, right arm forward, holding a sceptre with a straight shaft, a forked base, topped with the head of the Seth animal (S40); left arm hanging beside the body, holding tie or strap, used with sandals (ankh-sign S34) at the loop.	Logogram siA (perception/knowledge (divinity).	Verified by Peter Dils. **Moved** (Move sign behind F083B (C124B).)				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given. Neither the Caseille token (Dendera VIII, p. 120,15) or Valeurs (Dendera IX, p. 40,3) could be verified with an image. (Dendera III, p. 93,6) could not be verified with an image. Neither Valeurs token is this sign (Edfu VI, 16,12 (no image) is F083E (C125A); Edfu VI, 14,6 (no image) is A29i). p. 77,10) could not be verified with an image. Valeurs token is F0841 (C126A). TLA tokens are either damaged, or not really visible on a image (Edfu VIII, 147,9, Edfu XIV, pl. DCLXXV, bandeau). vaseurs toeen or F0840 (A128i) refers to this sign, but source (Mammisis Edfu I, p. 116,9) could not be verified with an image.				
		Y (n=D_JSeh/WG)		N										
		N (auto)		N										
		N (manual)	N	N						Duplicate of F0843 (C127).		variant of C127		

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikeı | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG Valeur/Cauville/Kurth token (Dendera III, p. 27,9, pl. C100) cannot be said with certainty if the wAs staff is there or not. Valeurs tokens for F0842 are all standing figures, not seated. of F0845 (C129). Valeurs token (WB 507) is C98. Valeurs token (RdE II, p. 2-3, fig 1) does not have horns, (ASAE 40, p. 410) are both standing figures, and no horns. Valeurs tokens (Edfu IV, p. 42,13; 195,2) could not be verified with an image, and in the transcription the crown looks a lot more like S61A to me. Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikee	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F08D4	C-04-010				F			H03101																								1					1
F08A9	C-04-011				C			C21	C21			C21									C021B	36,8	59,1	156;40	1,71d		C;7500									1	C;323		8
F08AA	C-04-012							C21A	C21A			C21A										59,2														E;509		2
F08AB	C-04-013				D			C22B	C22B			C22B										37,2	59,3								1	1		1				5
F08AC	C-04-014							C22Bx														59,4													C;335		2
F08AD	C-04-015				B			C22A	C22A			C22A	4			4						37,1	59,5								6				C;343		5
F08AE	C-04-016				F			C22K														59,6													C;341		2
F08AF	C-04-017				C			C22	C22			C22	8			8					C022N	36,9	59,7	156;41	3,89											E;515		7
F08D7	C-04-018							C22N																														
F08B0	C-04-019				B			C22C	C22C			C22C										37,3	59,8								15		1	1	E;513		6
F08B1	C-04-020				F			C22L														59,9													E;517		2
F08B2	C-04-021				C			C23	C23			C23	1			1					C023B	37,6	59;10								1	1			E;511		7
F08B3	C-04-022				D			C24	C24			C24									C024A	37,7	59,11	156;45							2				C;353		6
F08B4	C-04-023				C			C25	C25			C25										37,8	59,12	156;43	1,71e		C;7402								C;325		6
F08D5	C-04-024				F			H05802													C025B											1					2
F08B5	C-04-025				E			C25A	C25A			C25A										37,9	59;13								1				C;337		4
F08B6	C-04-026				D			C26	C26			C26										38;1	59;14	156;44									1		C;327		5
F08B7	C-04-027				D			C26A	C26A			C26A										38,2			1,72a						1						3
F08D6	C-04-028							C26Ax													C026C	38,2	59;15												C;329		4

Vots	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhon	VP Val	Weight	Vots	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP	Comment MS
F088B	C-04-029				F			C27E													C027E	38,5	59;16												C;331		4															
F089D	C-04-030					S		C27Em															60;1														2															
F088A	C-04-031				E			C27A	C27A			C27A										38;3	60;2		1;72											C;345		4													Yes	
F088B	C-04-032				F			C26B	C26B			C26B											60;3													C;333		2														
F088C	C-04-033							C28	C28			C28											60;4		1;72c											C;347		3													Yes/No	
F088D	C-04-034							C29	C29			C29											60;5													E;471		2														
F088E	C-04-035							C27C	C27C			C27C																																							
F088F	C-04-036				B			C22D	C22D			C22D											37;4										33					2														
F08C0	C-04-037				F			C22E	C22E			C22E											37;4										1					2														
F08C1	C-04-038				D			C22F	C22F			C22F											37;4										3					2														
F08C2	C-04-039				E			DE184		DE184																						2					1														
F08C3	C-04-040				F			DE327		DE327																						1					1														
F08C4	C-04-041				F			DE318		DE318											C22F										1					2														
F08C5	C-04-042				F			C22G	C22G			C22G											37;5										1					2														
F08C6	C-04-043				E			C22H	C22H			C22h											37;5										2					2														
F08C7	C-04-044				F			C27B	C27B			C27B																				1					1													Yes	
F08C8	C-04-045				C			C27D	C27D			C27D											38;4										1			3		3														
F08C9	C-04-046							C22M																																											
F08CA	C-04-047				F			C22I	C22I			C22I											37;6										1					2														
F08CB	C-04-048				F			C25O	C25O			C25O												156;42													C;339		2													Redraw in new row	
F08D8	C-04-049							C250A																																										

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
Y/I	KIU 3798, line 3.			Y				God, standing, with the head of a jackal, right arm forward, hand at the hight of the waist, holding a knife (T30A), left arm raised at the back, forearm vertical, holding a knife (T30A) with the blade upwards.	Logogram siht (to drive away).		
		Y (in core)								swnrored norm or F08B8 (C27E).	
		N (manual)	N	N						Cauville token (Dendera VII, p. 168,12) could not be verified with an image. Kurth token (WB IV, p. 219,9) is not this sign. Valeurs refers to Loret (i.e., no source).	
Y/I	Dendera VII, p. 168,12.	Y (in core)		Y				God, standing, with the head of a jackal, right arm forward, hand at the hight of the waist, holding an oval shield, left arm raised at the back, forearm vertical, holding a stick horizontally.	Logogram siht (to drive away).		
		N (auto)		N						F08B7 (C26A) or F08B8 (C26). (both transcribed in Junker, ZAS 43, p. 122 as C26A).	
		Y (manual)	Y	N						neither Kurth token (Daumas Mammisi Dendera, p. 159,11; Esna II 1548, p. 283,13) with an image. *Added manually to the full list for backwards compatibility.*	
		N (auto)		N						No sources given.	
		N (auto)		N						No sources given.	
		Y (n=D,JSeh/HG)		N						None of the JH-D tokens are clear enough to see the details (mostly Dendera X, Dendera XV, p. 38,13 could not be verified with an image). Based on the best tokens, I still doubt there is a bow, rather than a shield. JH-D token (Dendera X, p. 224,15, pl. 133, col. 153) cannot be made out on the image (nowhere near detailed enough to distinguish between bow and stick).	
		N (auto)		N						Cauville/JH-D tokens (Dendera X, p. 229,10, pl. 134; 244,5, pl. 141; 317,8, pl. 211) are not clear enough to see if there is a bow, stick or a shield in the right hand.	
		Y (n=D,JSeh/HG)		N						JH-D tokens (Dendera XIV, p. 88,10; 105,6) could not be verified with an image.	
		N (auto)		N						JH-D token (Dendera XV, p. 46,7) could not be verified with an image.	
		N (auto)		N				God, seated, right knee raised, with the head of a jackal, right arm forward, forearm horizontal, hand in front of the chest, left arm raised, forearm vertical, holding a stick which extends over the head.		**Redrawn in place.** (Redraw feet of the sing into the form of A1 (not on heel, nor right foot extending in front of left knee).) Verified with online image (https://www.alamy.com/stock-photo-painted-relief-on-the-ceiling-of-the-temple-of-hathor-at-dendera-in-137616087.html) Cauville/JH-D token (Dendera X, p. 6,2, pl. 17, left image, top line) is not clear enough to be certain a mace is held, instead of a stick (i.e., F08B0 (C22C).	
Y/I	Dendera XV, p. 25,8	Y (in core)		Y					Logogram siht (to drive away).		
		N (auto)		N							
Y/I	KIU 4136, line 3.	Y (in core)		Y				God, seated on nothing, with the head of a jackal and tail, right arm forwards, hand at the hight of the shoulder, holding a knife (T30A) vertically, left arm raised at the back, forearm vertical, holding a knife (T30A) with the blade downwards.	Logogram SmA.y		
		N (auto)		N				God, standing, with the head of a jackal, right arm forward, hand at the hight of the waist, holding a knife (T30A), left arm raised at the back, forearm vertical, left hand as	Classifier nb:w-nr:w	Token is not as clear as I would like, but the sign seems to be there. (Cauville (2001) calls this F08C8 (C27D)).	
Y/I?	Dendera X, p. 111,16, pl. 72, col. 184 (near the end of the column).	Y (in core)		Y							
		Y (n=D,JSeh/HG)		N						Cauville/JH-D token (Dendera X, p. 192,8, pl. 121) was not visible on the image.	
		N (auto)		N						No sources given.	
		N (auto)		N						Cauvelym-D token (Dendera X, p. 123,11, pl. 74, col. 65) is not clear enough to be certain it is not F08B2 (C23) instead. (although clearly either C23 or C28).	
		N (auto)		N						Redraw as standing figure with a tail. Verified by Peter Dils. Valeurs tokens (1 refers to photo 1520 of Philae of Winter, to which I have no access; Esna II, 14,30, p. 33,11; Esna II, 163,14, p. 280,3) could not be verified with an image.	
		N (auto)		N							
Y/I	Esna II, 14,10, p. 33,11.	Y (in core)		Y				God, standing, with the head of a jackal, with a tail, both arms forward, holding a stick with a bundle or a mat horizontally over his shoulders, bundle behind the back, with the ties at the top.	Logogram SmA.y (decease deamon).		

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F08E09	C-04-050							C250B																														1
F08ECC	C-04-051				E			C266	C266			C266									51;2									1				1			3
F08ECD	C-04-052							C22J																													
F08ECE	C-04-053				E			C23A		C23A																				1	1						2
F08ECF	C-04-054				C			C27	C27			C27																						3	C;346		2
F08ED0	C-04-055							C144	C144			C144																									
F08ED1	C-04-056				F			C290	C290			C290																							C;318		1
F08ED2	C-04-057				F			DE316		DE316										C022Q										1						2
F08ED3	C-04-058				F			Q44	Q44			Q44											15;15												QR;69		2
C05. Apis and bull head gods																																					
F08E0D	C-05-001				F			C30	C30			C30									38;6	60;6													C;269		3
F08E11	C-05-002				D			C30A	C30A			C30A									38;7	60;7								1		1		C;271		5
F08E06	C-05-003							C30B																													
F08E2	C-05-004							C31	C31			C31										60;8													C;272		2
F08E3	C-05-005				F			C272	C272			C272											52;2								1						2
F08E4	C-05-006				E			C280	C280			C280												1;82b											C;268		3
F08E5	C-05-007							C301	C301			C301																									
C06. Atoum																																					
C07. Bes																																					
F0900	C-07-001			13072	C			C33	C33			C33	3			3				C021	38;9	60;12	155;43	1;58		C;9400				2		1			C;87		10
F0901	C-07-002							C33A	C33A			C33A									39;1	60;13													C;91		3
F0902	C-07-003							C33C														61;1													C;89		2
F0903	C-07-004				F			C34A													39;2	61;2													C;85		3
F0904	C-07-005				D			C34	C34			C34											155;34	1;58a								1	1					4
F0905	C-07-006							C33B																													

Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
								the head of a jackal, right arm extended forwards, holding a stick with a bundle or a mat at a slight angle over his shoulder, bundle behind the back, with the ties at the top, left arm hanging beside the body.	Logogram SmA.y (decease deamon).	Found and verified by Peter Dils.	
Y/I	Philae, Berlin Photo 1520.	Y (in core)		Y							
		N (auto)		N						Cauville/JH-D token (Dendera X, p. 102,9, pl. 121) was not visible on the image.	
		N (auto)		N						No sources given.	
		N (auto)		N						Porte d'Horus, p. 46,1.c, pl. 54 is F08B2 (C23) or F08B0 (C22C) in my opinion (I can see signs of a horizontal line coming from the top hand in the image).	
								God, standing, with the head of a jackal, right arm forward, hand at the hight of the waist, holding a stick, left arm raised at the back, forearm vertical, holding a sticK.	Logogram SmA.yt (decease deamon).		
Y/I	Edfu I, p. 184,10; pl. CCLXXX6, left scene, drand.	Y (in core)		Y							
		N (auto)		N						No sources given.	
		N (auto)		N						vacuum sceen (Daumas Mammisi Dendera, p. 289,16) could not be verified with an image.	
								God, seated, both knees up, foot flat on the ground, with the head of a jackal, both arms raised at either side of the body, forearms vertical, handpalms inwards.	Logogram shti (to drive away).	**Redrawn in place.** (Redraw legs in the format of F0006 (A71A), but the heels should be closer to the upper legs (i.e., no gap).) Verified with online image (https://www.flickr.com/photos/manna4u/9295536602)	
Y/I	Dendera XV, p. 24,4	Y (in core)		Y				God, standing, with the head of a jackal, arms hanging on either side of the body, standing behind a mummy with a long curved beard, lying horizontally (A54) on top of a bed, with a leonid head, legs and tail (Q19), with the head towards the front (west).		Verified by Peter Dils. Redraw sign, replacing the bed with A55A.	
Y/I	Junker, Abaton, p. 57, photo 1162	Y/It (in core)		Y/It					Logogram qrs.t (burial).	Kurth/Valeurs token is either iconographic (CG 22050, pl. XVI), or I have no access to the image (see Junker, Abaton, p. 57, supposedly photo 1162; 1198).	
								Goddesses, seated, knees up, with covered legs and arms, with the head of a bovid, holding a sceptre with a straight shaft, topped with the head of the Seth animal	Classifier protector (mD.t)(fI)	Based on the double X1 and the iconography, I think this sign is intended to represent a female divinity, but I cannot say with certainty.	
Y/I	Dendera II, p. 54,12-14; pl. CIII.	Y (in core)		Y						Cauville/JH-D token (Dendera X, p. 122,3, pl. 74 (col. 3b)) cannot be clearly made out in the image. Neither could Dendera, Porte d'Horus, p. 31,11, p. 117, there is a seated cow-headed figure there, but I cannot say if it holds a knife or a stick.	
		Y (n=D_JSeh/YiG)		N							
								God, seated, knees up, with covered legs and arms, with the head of a bovid.	Classifier divinity (Apis (Hp))	Found and verified by Peter Dils. F08E0 (C30) holding nothing. Will be practically indistinguishable from C231, so make sure to use the more rounded horns of C30.	
Y/I	M. Jørgensen, Ny Carlsberg Glyptotek. Egypt III, 2001, 245 (AEIN 1043)	Y (in core)		Y							
		N (auto)		N						No sources given.	
								God, standing, with the head of a bovid, right arm forward, hand at the hight of the shoulder, holding a knife (T30A), left arm hanging beside the body.	Classifier protector (mnw-n)(wr.t-m-nx.t=f).	Head seems a bit hunched in the original, but based on the iconography this sign seems likely.	
Y/I	Dendera X, p. 122,11; pl. 74, col. 47.	Y (in core)		Y							
								God, standing, with the head of a bovid, right arm forward, hand at the hight of the waist, holding a sceptre with a straight shaft, forked bottom and head of the Seth animal (I40) of the same size as the god, vertically, left arm hanging beside the body.	Phonemogram wp.	Other token (Edfu II, 275,11, logogram kA ([bull]) could not be verified with an image.	
Y/I	Hodjas & Bierlev, Relief, nr. 117, middle column, second sign.	Y (in core)		Y							
		N (auto)		N						No sources given.	
								from the front, with tail between the legs and headdress, arms downwards, hands behind the back.	Phonemogram bs.	In bs (cult statue).	
Y/I	Edfu VII, 51,16, Bartels, photo (wall) 310.	Y (≥5.2)		Y						Lauvree sceen (Dendera II, p. 100,1) could not be verified with an image.	
		N (auto)		N						Lmy transcripsion, Dendera II, p. 100,1.	
		N (auto)		N						None of the tokens (Dendera II, 21,9; IV, 71,7; VII, 11,1; Esna IV, 469,5, p. 87,5) could be verified with an image.	
		N (auto)		N						Tokens (Dendera II, 21,9; Esna IV, 87,5) could not be verified with an image.	
		Y (n=D_JSeh/YiG)		N							
		N (manual)	N	N						Duplicate of F0906 (DE130)	

Comment MS	Change (Berlin)	Changes (post 19-02-2023)
	Additional row	

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weleti
F0906	C-07-007				C			DE110		DE110																				5		4						2
C08. Chou																																						
F0910	C-08-001				C			C104	C104		C104		2	1	1								1;57a							4					2		w;x;rI;Ibe	5
F0918	C-08-002							C104x												C104X		61;3		1;57b													4
F0911	C-08-003							C104y												C104Y		61;4														C;43		3
F0912	C-08-004				B			C104A	C104A		C104J		5		5							43;2		155;23	1;75						68		6	2		1		x;rI;Ibe	8
F0919	C-08-005							C104Ax												C104Y	43;2	61;5														C;45		4
F0913	C-08-006					S		C104Alm														61;7																2
F0914	C-08-007							C104B	C104B		C104I											61;8														C;47		2
F0915	C-08-008				F			C104C	C104C		C104K		1		1							61;9														C;49		3
F0916	C-08-009				C			C104D	C104D		C104E											43;2									6			1				3
F0917	C-08-010							C248	C248		C248																											
C09. Falcon; seated																																						
F0930	C-09-001							C39x														61;10														C;359	l;Ibr i	2
F0931	C-09-002				B			C39	C39		C39		38		37	1					39;4	61;12	155;32		C;8000			c72 v1		2	1		1	1		C;361		12
F0932	C-09-003				D			C40	C40		C40										40;2	61;13	156;19	1;72b	C;8600											C;357		6
F0933	C-09-004							C281	C281		C281																											
F0934	C-09-005							C39Ax														61;14														C;363	l;Ibr;Ibbh-ann-f	2
F0935	C-09-006					S		C39Axm														62;1															l;mn;w;ntr	
F0936	C-09-007				B			C39A	C39A		C39A		30		30						39;5	62;2	156;21	1;73c						59	1	1		5	C;365		10
F0937	C-09-008				E			C39B	C39B		C39B		1		1							62;3														C;367	bnw	3
F0938	C-09-009				F			C39C	C39C		C39C										39;6	62;4														C;372	bm-ntr	3
F0939	C-09-010				C			C39D	C39D		C39D		5		5						39;7	62;5		1;73b												C;369	nbm	5
F093A	C-09-011				D			C39E	C39E		C39E										39;8	62;6								2						C;371		4
F093B	C-09-012				C			C39F	C39F		C39F										40;1									6								2
F093C	C-09-013				F			C39G	C39G		C39G																			1								1
F093D	C-09-014							C39H	C39H		C39h																											
F093E	C-09-015							C41	C41		C41											62;7														C;433		2
F093F	C-09-016							C42	C42		C42											62;8														C;431	r*;brw;bh	2
F0940	C-09-017			1305C	A			C2A	C2A		C2A		989		30	959	1_1660_00	C2*	C002A			62;9									1			9	7	C;389		10
F0941	C-09-018			1305D	C			C2J		C2J			1		1			C2**	C002B			62;10										2						5

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG JH-D tokens (Dendera XIV, p. 4;9, Commentaire pl. XV is not clear enough in my image to be certain if the hands are in front; neither is p. 45,11; pl. XX; p. 59,2; pl. XXI; p. 70,2, pl. XXIX; no image for p. 103,10), but based on the attestations in Porte d'Hathor, I see no reason to differentiate from F0900 (C38) for this sign (see p. 27,6, 27,13, (p. 96)) (none show the arms in front of the body).	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
		N (auto)		N									
	Edfu VIII, 83,4, photo 0093 (line above the divinities, near the end), does not seem to have an Uraeus. I think there is a beard, but that is not clear either.	N (manual)	N	N						**Redrawn into F0918.** (Redraw sign without Uraeus and headband (might be there, but in most cases extremely unclear).)				
Y/I	ASAE 40, p. 325.	Y (in core)		Y				wsa, seated, knees up, with covered legs and arms, with a long curved beard, with a feather (H6) on his	Phonemogram w.			redraw of C104 (F0910)	
		N (manual)	N	N						Seems a pure duplicate of F0910			
	I could not verify this form, Belleg 1 does not have a uraeus, and a stick, rather than a was scepter. I have no images from the Edfu examples, but in Edfu VII the signs do not have an uraeus.	N (manual)	N	N						**Redrawn into F0919.** (Redraw sign without Uraeus and headband (might be there, but in most cases extremely unclear).)			
	KIU 5653, line 1; Dendera Porte d'Hathor, p. 42,7; p. 110; Athribis IV, p. 2, L2-13, pl. 138.	N (manual)	N	N				wsa, seated, knees up, with covered legs and arms, with a long curved beard, with a feather (H6) on his head, holding a sceptre with a straight shaft, topped with the head of the Seth					
Y/I		Y (in core)		Y					Logogram Swr (Shu).			redraw of C104A (F0912)	
		N (manual)	N	N						reversed form of F0913, unnecessary now.			
		N (auto)		N						No sources given.			
		N (auto)		N						Not supported.			
	Dendera Porte d'Horus, p. 51,7, p. 141.	N (manual)	N	N				God, seated, knees up, with covered legs and arms, with a long curved beard, with a feather (H6) on his head, holding a feather (H6), vertically.		Duplicate of F0931 (C39).			
Y/I		Y (in core)		Y					Logogram sA (son/child of)			variant of C39	Yes
		N (auto)		N						No sources given.			
	KIU 711, line 8. Edfu VIII, 10,16, Bartels, photo 0026.	N (manual)	N	N				God, seated, knees up, with covered legs and arms, with the head of a falcon.					
Y/I		Y (in core)		Y					Logogram Hr (Horus).			part	
	Tomb of Paser, squeeze (http://www.griffith.ox.ac.uk/gri/4paser.html) souls of Pe and Nekhen.							God, seated on heel, right knee raised, with the head of a falcon, right arm angled in front of the body, left arm raised, hand held vertically, handpalm inwards (hrww gesture).		The squeeze is not clear enough to be certain the sign is falcon headed. However, based on the iconography, it would be possible. Cauville token (Dendera II, 199,7) could not be verified with an image, neither could Kurth (Dendera III, p. 91,8)			
Y?/I		Y (in core)		Y					Classifier joy (hnw).		part	Yes	
		N (auto)		N						No sources given.			
		N (manual)	N	N						Duplicate of F0936 (C39A).		variant of C39A	
		N (manual)	N	N						Mirrored form of F0936 (C39A).			
	Edfu VIII, 26,4, Bartels photo 0040							wsa, seated, knees up, with covered legs and arms, with the head of a falcon, holding a sceptre with a straight shaft, topped with the head of the Seth					
Y/I		Y (in core)		Y					Classifier falcon divinity (bHd.ty)				
		N (auto)		N						Not supported.			
	Dendera II, p. 24,17, pl. XCIII.							God, seated, knees up, with covered legs and arms, with the head of a falcon, holding a mace with a pear-shaped head (T3), angled forwards.					
Y/I		Y (in core)		Y					Classifier divinity (snw).	Verified by Peter Dils.			Yes
	Edfu VII, 11,4, Bartels photo (wait) e048.							wsa, seated, knees up, with covered legs and arms, with the head of a falcon, holding a club used by washer-men for beating laundry					
Y/I		Y (in core)		Y					Logogram Hm (majesty).				
	Dendera XV, p. 284,8							wsa, seated, knees up, with covered legs and arms, with the head of a falcon, holding a sceptre (S42)		Verified by Peter Dils. Cauville tokens (Dendera IV, p. 6,14) could not be verified with an image.			
Y/I		Y (in core)		Y					Phonemogram/logogram sem.				
	Dendera X, p. 114,8, pl. 73, col. 6.							wsa, seated, knees up, with covered legs and arms, with the head of a falcon, holding a knife (T30A)					
Y/I		Y (in core)		Y					Classifier divinity (sAq-Ha.w).				
		N (auto)		N						token (Dendera X, p. 185,6, pl. 120) is too poorly visible to be recognised.			
		N (auto)		N						No sources given.			
		N (auto)		N						No sources given.			
		N (auto)		N						No sources given.			
								wsa, seated, knees up, with covered legs and arms, with the head of a falcon, with a sun disk (N5) on its					
Y/I	TSL	Y (v5.2)		Y					Logogram ra (Re).				
		N (manual)	N	N						longer required. (mirrored form of			

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unlker | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vols | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhon	VP Val	Weight
																																					irt r^c	
F095I	C-09-043				B			C268G	C268G		C268K											51;6	63;16	156;24	1;78a							60		4	3			C;403		8
F095A	C-09-044						5	C268Gm															64;1																1
F095B	C-09-045				F			C268H	C268H		C268P																				1								1
F095C	C-09-046				F			C268I	C268I		C268I																								1				1
F095D	C-09-047				E			C268L		C268L																				2		1						2
F095E	C-09-048				F			DE303		DE303											C268M									1								2
F095F	C-09-049				F			DE337		DE337																				1								1
F096D	C-09-050				F			DE363		DE363																				1							*t:hr*	1
F0961	C-09-051				B			C43	C43		C43		9			9							64;2							2		1	1	2		C;437	*r^c ḥm*	7
F0962	C-09-052				F			C43x															64;4													C;439	*t:wd:ṯpr:ḥr:ḥr ḥbdty::stm*	2
F0963	C-09-053				F			C43Ax															64;5													C;441	*t:ḥr:ḥr ḥbdty:ḥr:smt-t!wy::stm*	2
F0964	C-09-054				A			C43A	C43A		C43A		181			178	3	1_1722				40;3	64;6	156;27	1;79						138	1	6	4	6	C;445		13
F0965	C-09-055				C			C43B	C43B		C43B		1			1							64;8								5			2			C;451	*irt:ḥr*	5
F0966	C-09-056				D			C43C	C43C		C43C												64;9		1;78						1			1			C;441	*s:ḫm*	5
F0967	C-09-057				C			C43D	C43D		C43D		4			4		1_1725					64;10								1			1			C;449	*s:imn:*	6
F0968	C-09-058				F			C44	C44		C44												64;12														C;461	*ḥm*	2
F0969	C-09-059				C			C43E	C43E		C43E		7			7							40;4	64;13							1						C;447		5
F096A	C-09-060							C43F	C43F		C43F																											*k1*	
F096B	C-09-061				F			C43G	C43G		C43G																										C;442		1
F096C	C-09-062				F			C43H		C43H											C043H									1								2

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
								uaa, seated, knees up, with covered legs and arms, with the head of a falcon, with Nß (The sun, encircled by a cobra (Naja haje), standing up, with expanded hood (Uraeus)) on its head, holding an eye, with the markings of the head of a falcon						
Y;ĵ	Dendera Porte d'Hathor, p. 27,11, p. 95 (bandeau).	Y (in core)		Y					Logogram ir.t-r-a (the eye of Re).	Title of Hathor.				
		N (manual)	N	N						Mirrored form of F095I (C268G).				
										m-c toxen jcsna vn 571,00 p. 66,2, verified by Peter Dils) has the knife in the opposite direction, if it is even a knife (maybe the sign is F095C (C268I) instead).				
		N (auto)		N										
		N (auto)		N						No sources given.				
										Verified by Peter Dils (although technically more detailed with visible arms and legs).				
								God, seated, knees up, with covered legs and arms, with the head of a falcon, with Nß (The sun, encircled by a cobra (Naja haje), standing up, with expanded hood (Uraeus)) on its head, holding a round vessel with an upstanding rim (W24).		JH-D tokens (Dendera XIII, p. 217,10 could not be verified with an image; XIV, p. 68,9, Commentaire pl. XXVIII, my image is too poor to see the details correctly). Dendera, porte d'Hathor, p. 25,14, p. 94 the image is rather tiny, and I cannot say with certainty it is a nw vase that is held.		Yes	
Y;ĵ	Dendera XIII, p. 217,10.	Y (in core)		Y					Logogram n ra (of Re).					
								God, seated, knees up, with covered legs and arms, with the head of a falcon, with Nß (The sun, encircled by a cobra (Naja haje), standing up, with expanded hood (Uraeus)) on its head, holding an egg (H8).		Verified with online image (https://www.dreamstime.com/beautiful-interior-temple-dendera-hathor-colorful-zodiac-ceiling-ancient-egyptian-egypt-near-city-ken-image127245426). Image could be better (I am not 100% certain about the uraeus around the sun), but functionally it seems likely. JH-D token (Dendera XV, p. 145,8) could not be verified with an image.			
Y;ĵ	Dendera XV, p. 4,3	Y (in core)		Y					Logogram sA-ra (Son of Re).					
		N (auto)		N						zn-c toxen (uenoera XV, p. 216,3) are a separate N27 and C288. (Verified buy Peter Dils).				
		N (auto)		N										
								God, seated, knees up, with covered legs and arms, with the head of a falcon, wearing the double crown (S5).	Classifier statue/likeness (sSm(.w)).					
Y;ĵ	Edfu VII, 48,11-12, Bartels, photo (wall) 316 (knand).	Y (in core)		Y						Duplicate of F0964 (C43).		C43 with an uraeus		
		N (manual)	N	N						Duplicate of F0964 (C43A).		variant of C43A		
		N (manual)	N	N										
								uaa, seated, knees up, with covered legs and arms, with the head of a falcon, wearing the double crown (S5), holding a sceptre with a straight shaft, topped with the head of the Seth animal	Classifier divinity (aA-mAa-erw).			Horus		
Y;ĵ	KIU 3552, line 3.	Y (in core)		Y										
								uaa, seated, knees up, with covered legs and arms, with the head of a falcon, wearing the double crown (S5), holding a tie or strap, used with sandals (anih-sign, S34), angling	Logogram ars (to live)	Partly a classifier for bAw and ax, more than only a logogram.				
Y;ĵ	Edfu VIII, 68,9, Bartels photo 0093 (bandeau fnaxe).	Y (in core)		Y						Daumas, Mammisi Dendera, p. 192,16, pl. XLVII,b is not visible in my image, but might be better in a physical publication. Dendera, Porte d'Horus, p. 26,3, p. 111 seems to be there (function logogram ir.t-Hr), but is not as clear as I would like, to be certain.		not exact match	Yes	
								God, seated, knees up, with covered legs and arms, with the head of a falcon, wearing the double crown (S5), holding an eye, with the markings of the head of a falcon	Logogram ir.t-Hr (eye of Horus).					
Y;ĵ	Dendera, Porte d'Horus, p. 26,3, p. 111.	Y (in core)		Y										
								uaa, seated, knees up, with covered legs and arms, with the head of a falcon, wearing the double crown (S5), holding a sceptre (S38), vertically.	Phonemogram/logogram nb (lord).					
Y;ĵ	TSL	Y (in core)		Y										
		N (auto)		N						Valeurs token (Edfu I, p. 347,5) could not be verified with an image.				
								God, seated, knees up, with covered legs and arms, with the head of a falcon, wearing the double crown (S5), holding a club used by washer-men for beating laundry (U36) vertically.	Logogram Hm (majesty).					
Y;ĵ	Edfu VII, 80,10-12, Bartels photo (wall) 258.	Y (in core)		Y										
		N (auto)		N						No sources given.				
								uaa, seated, knees up, with covered legs and arms, with the head of a falcon, wearing the double crown (S5), holding two arms, raised, with the palms of the hands towards each other	Logogram kA (spirit).					
Y;ĵ	Edfu VII, p. 3,2, Edfu XIV, pl. DCXVI (bandeau).	Y (in core)		Y										
								God, seated, knees up, with covered legs and arms, with the head of a falcon, wearing the double crown (S5), holding a sceptre with the head of a falcon with a sun disk on top of the head.	Logogram xpS (power, strenght).	Verified by Peter Dils. Seems to be this sign, but it is unclear if what is held is exactly what is depicted here, or mor something like a T73, which would fit the function. (I hope/assume the HGx sign was based on a better image of this text than I had, as I think it would be clearly visible in a higher quality image).				
Y;ĵ?	Dendera Porte d'Isis, p. 6,9, pl. 20.	Y (in core)		Y										

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequnce | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Siz | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikor | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val "nb hr xnt-t3wy" | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG 055, I. 3; 057 2185, I. 6) are badly damaged. Cauville/Valeurs token (Dendera II, p. 167,1) cannot be verified with an image, and is F0992 (GID C5302) in the transcription. Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | VP Val | ValPhon | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F09D1	C-1D-015							C64C																														1
F09BD	C-1D-016				E			C64A	C64A			C64A										41;4	67;9a	156;34						1								4
F09BE	C-1D-017							C64B															67;9b		1;80												2
F09BF	C-1D-018				E			C66	C66			C66											67;10		1;80d											C;491	3
F09C0	C-1D-019				E			C65	C65			C65										41;5	67;11		1;80c											C;473	4
F09C1	C-1D-020				D			C65A	C65A			C65A										41;6				C;8001				2						C;496	4
F09C2	C-1D-021				C			C67	C67			C67	2			2						41;7	67;12									1				C;497	5
F09C3	C-1D-022				C			C68	C68			C68	4			4							67;13		1;80e											C;499	4
F09C4	C-1D-023							C294	C294			C294																										
F09C5	C-1D-024					S		C68m															67;14														1
F09C6	C-1D-025				E			C69	C69			C69	1			1							67;15		1;80b											C;493	4
F09C7	C-1D-026							C69A	C69A			C69A													1;80b												1
F09C8	C-1D-027				F	S		C69B															67;16													C;495	2
F09C9	C-1D-028				C			C70	C70			C70	1			1						41;8	68;1	156;33						3				1	C;355	7
F09CA	C-1D-029							C271	C271			C271										52;1																1
F09CB	C-1D-030				E			C293	C293			C293												156;35	1;80a											C;482	3

Index	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
										Y/i	Edfu I, p. 39,6.	Y (in core)		Y				God, standing, with the head of a falcon, with the sun rising over a sand covered mountain over the edge of the cultivated areas (N27) on its head, arms extended at either side of the body, hands at the hight of the waist, holding a wick of twisted flax, consisting of three loops (V28), below the third loop.	Logogram nTrt (eternity)	Found and verified by Peter Dils. F09BC (C64) with the arms lower, replacing the staves with V28.			Additional row.	
										Y/i	Dendera X, p. 152,8, pl. 78, bandeau; Dendera VIII, 62,4	Y (in core)		Y				God, standing, with the head of a falcon, arms raised at either side of the body, hands at the hight of the shoulders, holding a stick/staff topped with a sand covered mountain over the edge of the cultivated areas	Logogram nTrt (eternity)	Dendera VIII, 62,4 was verified by Peter Dils.				
										Y/i	Dendera XIV, p. 92,13. (Dümichen, Baugeschichte, pl. 37,B).	Y (in core)		Y				God, standing, with the head of a falcon, with a sun disk (N5) on its head, arms raised at either side of the body, hands at the hight of the shoulders, holding a stick/staff topped with a sand covered mountain over the edge of the cultivated areas	Logogram nTrt (eternity)	Verified by Peter Dils. Edfu V, 286,6 token of Kurth cannot be verified with an image, and the Dendera VIII, 62,4 token is F09BD (C64A).		(ast ra	Yes	
										Y/i/i	Dendera VI, p. 41A,4; pl. CCCCXC	Y (in core)		Y				God, standing, with the head of a falcon, wearing the double crown (S5), right arm forward, hand at the hight of the waist, holding a spear/harpoon of the same size as the god, vertically, point towards the top, left arm hanging beside the body,	Logogram wa:ty (the sole one, unique)	There is no doubt there is a harpoon here, but I cannot say with certainty if this was falcon headed with the double crown (as Cauville 2001, p. 41,5 uses this source for F09C0 (C65).			Yes	
										Y/i	Edfu VI, p. 62,2, Edfu XII, pl. CCCCXCIV-V.	Y (in core)		Y				stanning, with the head of a falcon, right arm forward, hand at the hight of the waist, holding a spear/harpoon of the same size as the god, vertically, point towards the top, left arm	Classifier divinity (in-ntr.t).	Function based on Kurth (Edfu VI, p. 106).				
										Y/i	ASAE 40 (Drioton), p. 377, 18D (nr. 10).	Y (in core)		Y				stanning, with the head of a falcon, right arm forward, hand at the hight of the waist, holding a sceptre with a straight shaft, forked bottom and head of the Seth animal (S40) of the same size as the god, vertically, left arm hanging beside	Logogram nb-tA.wy (lord of the two lands, when used in connection with a seth headed figure).	Horus representing LE, Seth representing LE.		~~		
				can't really say, in Edfu VII, 24,10 (Edfu XIV, pl. DCXLV) and 24,12 (Edfu XV, pl. DXCLIV) the tokens are not clear enough. It is clearly a figure with an harpoon, but if it has the head of a bird or not I cannot say.							Dendera IV, p. 12,16, pl. CCLV, line above king.	Y (in core)		Y				stanning, with the head of a falcon, holding an harpoon with the point down, diagonally over the body, from the tip of the right foot beyond the left shoulder, right arm lowered, right hand	Classifier harpooner ((A)w-ty)	Image is not as clear as I would like, but there seems to be a falcon head at least.				
	Y	DIFF	Based on transcription only, I could not find an image.									Y (=D_Eleh/VIG)		N				holding the harpoon between the waist and knee, left arm raised,		I could not verify any token with an image (Edfu VI, 16,11).				
												N (manual)	N	N		F09C3	Single			Duplicate of F09C3 (C68).		dup C68		
												N (manual)	N	N		F09C3	Single			Mirrored form of F09C3 (C68).				
				I could not verify Edfu VII, 15,8 with an image (photo (wall) 777 has a small bit of the sign, but it is not clear at all). Note that in the transcription of Chassinat the blade of the sword curves outwards.							Edfu VII, p. 15,8.	Y/It (in core)		Y/It				the head of a falcon, wearing the double crown (S5), right arm extended forwards, arm horizontal, holding a scimitar (khopesh), written vertically, blade curving forwards, with the head of a falcon with a sun-disk (N5) on top of it, left arm forwards, hand at the hight of the waist, holding a tie or strap, used with sandals (snkh-sign, S34) at an downwards angle at	Logogram qn.t (valour, strenght).	Verified by Peter Dils. Redraw in place: change the blade in the upper hand with T338 (blade curves outwards, not inwards), All tokens refer back to Edfu VII, p. 15,8, which could not be verified with an image.			Redraw in place.	
										Y/i	Edfu IV, p. 18,13	Y/It (in core)		Y/It				the head of a falcon, wearing the double crown (S5), right arm extended forwards, arm horizontal, holding a scimitar (khopesh), written vertically, blade curving forwards, with the head of a falcon with a sun-disk (N5) on top of it, left arm hanging beside the body.	Logogram qn.t (valour, strenght).	Verified by Peter Dils. Redraw with the blade curving outwards (T338). Kurth token (Edfu IV, p. 18,13) could not be verified with an image.			Redraw in place.	
												N (manual)	N	N						Cloak (cloak) with corner insertion (same source as C69A).				
				the TLA token, Edfu VIII, 352,2, photo 0044 is not clear enough to be certain it has the head of a bird.						Y/i	Dendera X, p. 271,6, pl. 165, bottom image, bandeau.	Y (in core)		Y				A mummy, with the head of a falcon, standing upright.	Logogram qbH-sn.wf (Qebehsenuef)					
												N (auto)		N						Cauville token (Dendera X, p. 122,7) is damaged and has a question mark in the transcription. (head is damaged in iconography too, hence the doubt).				
												Y (manual)	Y	N						Kurth/Valeurs token (Daumas, Mammisi Dendera, p. 158,5) could not be verified with an image. *Added manually to the full list for backwards compatibility.*				Yes/No

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weleto
C11. Falcon; slaying an animal																																				*mꜣꜥ ḫrw.t;dwnty*	
F09D0	C-11-001			C			C71	C71			C71										41;9	68;2	156;96	1;80f						3						3	C_511		7
F09E1	C-11-002						C71x															68;3														C_513		2
																																				dwnty	
F09E2	C-11-003			E			C72	C72			C72											68;4													1	C_517		3
																																				wnty;dwnty	
F09E3	C-11-004			D			C71A	C71A			C71A											68;5													1	C_515		3
F09E4	C-11-005						C71Ax														C071B	68;6													C_519		3
																																				wnty	
F09E5	C-11-006			F			C73	C73			C73											68;7		1;80f												C_503		3
F09E6	C-11-007						C75	C75			C75											68;8														C_501		2
																																				ḥwty	
F09E7	C-11-008			D			C76	C76			C76										41;10	68;9												2	C_505		4
																																				ḥwty	
F09E8	C-11-009			E			C76A	C76A			C76A										41;10	68;10		1;80e											C_507		4

Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP
			specific grapheme, and I am not certain Gardiners form was an falcon headed form to begin with. (Josh has a human headed form, which I think should be the norm, so adjust the grapheme to). For two examples, see KIU 1584, line 1 and KIU 1127, line 9.					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
								God, standing, with the head of a falcon, with the sign for the hill country over the edge of the cultivated areas (N25) on its head, arms hanging downwards on either side of the body, holding a cobra in repose (Naja haje (I10)), with the horizontal part of the body at the hight of the waist.		Verified by Peter Dils. Redraw sign with the head of a falcon, and change the cobra to be held at the hight of the waist. Move sign to category C.10. Falcon, standing, behind F09C8 (C293) afterwards.	
Y;I	Dendera, Porte d'Hathor, p. 23;9, p. 92.	Y/It (in core)		Y/It					Phonemogram Hr.		
										(Redraw sign to be human headed, and move sign to category A30. King or god wearing another crown, or move all NL/NU tokens to their own section (to collect all nomes together).)		
		N (manual)	N	N		F0CDD					
		N (auto)		N						No sources given.	
		N (auto)		N						No sources given.	
		N (auto)		N						No sources given.	
								God, standing, with the head of a falcon, right arm forward, holding a spear with the point downwards, left arm hanging beside the body, on top of an bovid, lying on the ground, legs folded under the body, tail down.			
Y;I	Dendera X, p. 283,14, pl. 167, col. 22.	Y (in core)		Y					Logogram wnty (Wenty).		
		N (auto)		N						no sources given. Edfu IV, p. 59,8 could not be verified by an image.	
								God, standing, with the head of a falcon, wearing the double crown (SS), right arm forward, holding a sceptre with a straight shaft, forked bottom and head of the Seth animal (S40) of the same size as the god, vertically , left arm hanging beside the body, on top of an bovid, lying on the ground, legs folded under the body, tail			
Y;I	Edfu IV, p. 58,4	Y (in core)		Y					Logogram wnty (Wenty).	Verified by Peter Dils. Karnak token (KIU 3843, line 7) is to damaged to recognise. Valeurs token (Edfu VI, p. 142,1) could not be verified with an image, and is F09E4 in the transcription. Neither could Edfu I, p. 302,15; Edfu IV, p. 58,4;	Yes
										Valeurs token (Edfu VI, p. 84,6, Edfu XIII, pl. CCCCXCVII) might be this sign, but there is no clear sign of a falcon head to me. (All other sources from JEA 29, (Fairman/Blackman), p. 30, nr. 17 were other forms of C71 or C72.	
		Y (=O_ISesh/HG)		N							
										Redrawn and replaced. (Redraw sign as F09E2, but holding a spear, not a was sceptre (i.e., cow does not have one leg forward). Note that in this token, it is possible it is technically a different variant, using E9AA as a base, not E100. Edfu V, p. 118,14 could not be verified with an image. Edfu VII, p. 211,5, Bartels photo (wall) 362 (krand) might be this sign, but tail of the cow is up, and there is not enough detail to know for sure the falcon head is there (although the double crown seems to be there. Edfu VII, p. 252,3, Bartels photo (wall) 444 is not clear enough to be certain it is this sign.)	
								God, standing, with the head of a falcon, wearing the double crown (SS), right arm forward, holding a spear with the point downwards, left arm hanging beside the body, on top of an bovid, lying on the ground, legs folded under the body, tail down.			
Y;I	KIU 3844, line 2.	Y (in core)		Y					Logogram wnty (Wenty).		redraw from IFAO
								was, standing, with the head of a falcon, right arm forward, holding a spear with the point downwards, left arm hanging beside the body, on top of an crocodile			
Y;I	Edfu VI, p. 84,6, Edfu XIII, pl. DIX.	Y (in core)		Y					Classifier divinity (wnty)	Due to a crack the crocodile is not really visible, but the space between signs is to small to be something much larger than a crocodile. (nor is the head backwards).	
		N (auto)		N						No sources given.	
								God, standing, with the head of a falcon, wearing the double crown (SS), holding an harpoon with the point down, diagonally over the body, from the tip of the right foot beyond the left shoulder, right arm lowered, right hand holding the harpoon between the waist and knee, left arm raised, holding the shaft near the end, on top of an crocodile, head looking backwards (I3E). was, standing, with the head of a falcon, wearing the double crown (SS), holding an harpoon with the point down, diagonally over the body, from the tip of the right foot beyond the left shoulder, right arm lowered, right hand holding the harpoon between the waist and knee, left arm raised, holding the shaft near the end, on top of an crocodile			
Y;I	Dendera Porte d'Horus, p. 11,14, p. 93 (krand).	Y (in core)		Y					Classifier harpooner ((i)A(w).ty).	Cauville/Valeurs token (Dendera V, p. 80,3, pl. CCCLXXXV) is human headed, not falcon headed.	
Y;I	Edfu IV, p. 213,3, Edfu XIII, pl. CCCCXII, drand.	Y (in core)		Y					Logogram iAw.ty (harpooner) or Logogram wnty (Wenty).	Not completely sure, which of the two functions it is here, as wnty followed by wnp occurs in Edfu VI, p. 84,6. Dendera VI, p. 145,8, pl. DLXXXII, krand is human headed, not falcon headed in my opinion.	

Comment MS	Change (Berlin)	Changes (post 19-02-2023)
Hathor 23,9	Redraw in place + move	
Douros error, see corrected F0CDD		
redraw from IFAO		

Index	Catalog	Glyph	G-2021	UCS	Priority	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhon	VP Val wsrty;ab:ssty	Weight
F09E9	C-11-010				E		C74	C74			C74											68;11		1;80f												C;509		3
C12. Geb																																					*k;k:geb;z:zt*	
F0A00	C-12-001				B		C77	C77			C77											42;1	68;12	155;29	1;67						12						C;223	*k*	6
F0A01	C-12-002				F		C77A	C77A			C77A																										C;224		1
F0A02	C-12-003				E		E5212		E5212																					2								1
C13. Heh																																					*h;hh*	
F0A10	C-13-001			1304F	C		A73	A73			A73	1		1				1_883	A070	18;3	68;13	154;21	1;2b		A;0851	1422;10	810;15			2	3		1			A;31		14
F0A39	C-13-002						A73C																															
F0A12	C-13-003				C		C11F											1_1292_01																				1
F0A13	C-13-004			13068	A		C11A				C11		**451**		183	260	8	1_1292_00	C11	C011	35;3					815;3												8
F0A3A	C-13-005						C11M																															
F0A3B	C-13-006						C11N																														*nfr:mhh;h:hh*	
F0A14	C-13-007				A		C11	C11					**81**				81		C011A	35;3	69;1	155;17								25	2		2			C;121	*nfr:h;h:hh*	9
F0A15	C-13-008				E		A511	A511			A511											69;3				C;3100										C;123		3
F0A16	C-13-009						C11K	C11K			C11K																											*nfr*	
F0A17	C-13-010				E		C11L	C11L			C11L											35;4	69;4							1						C;125		4

Index	Comment DW	Vote DW Core (2021)	DW differentiality	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiality	Comment SP
F09E9									
F0A00									
F0A01									
F0A02									
F0A10	cf. 1304F	Y							
F0A39									
F0A12									
F0A13	mistaken shape in v9-13; check shape in v14			both with coif and beard and without beard are attested in TSL.					
F0A3A									
F0A3B									
F0A14	HG-specific shape; cf. C011; TSL tokens do not support this clearly	N		I don't think the variation without coif, without beard is a useful one for Unicode. However, KIU 758, line 8 supports this form					Not a meaningfull semographic variant
F0A15									
F0A16									
F0A17									

Index	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F09E9	Y;I	Edfu III, p. 88,13.	Y (in core)		Y				uoa; standing, with the head of a falcon, wearing the double crown (S5), right arm forward, holding a spear with the point downwards, left arm hanging beside the body, on top of	Logogram wsrty (Wsrty).	Verified by Peter Dils. Kurth/Valeurs tokens (Edfu III, p. 88,13; Edfu IV, p. 374,14) could not be verified with an image.			Yes	
F0A00	Y;I	Dendera X, p. 283,6, pl. 166, col. 17.	Y (in core)		Y				God, seated, both knees up, with covered legs and arms, with a long curved beard, wearing a headdress consisting of a combination of the Atef crown and the red crown (S53vara?), holding a sceptre with a straight shaft, topped with the head of the Seth	Classifier divinity (gbb (Geb))					
F0A01			N (auto)		N						HqA staff opening inwards. Valeurs token (Edna VIII, p. 122 nr. 47 (+Edna III, 242,17, p. 113,10)) could not be verified with an image, and is F0A00 (C77) in the transcription. HqA staff opening outwards. JH-E tokens (Edna VII 549,00, p. 8,2, verified by Peter Dils) are not clear enough (damage, not low quality images) to be certain it is this sign, additionally, the second token has a different crown and an ankh in my opinion, which puts the first one in doubt as well.				
F0A02			N (auto)		N										
F0A10	Y;I	TSL	Y (v5.2)		Y				Man, seated, right knee raised, raised arms at either side of the body, hands held vertically, with the handpalms inwards.	Logogram HH (million, many).	**Replacing the original Unicode sign.** Should become the redrawn form of F0038 (Unicode U+1304F).		UCS 1304F moved from A70		
F0A39	Y;I	KIU 1052, line 6	Y (in core)		Y				God, seated, right knee raised, with long curved beard and long wig, raised arms at either side of the body, hands held vertically, with the handpalms inwards.	Logogram HH (million, many).	F0A10 with a long wig and divine beard.			Additional row	
F0A12			N (auto)		N						that token has a beard. (F0A13 (C11, U+13068) with a beard. Addition of this bearded from is not likely to be meaningful for Unicode, beside making confusion with F0038 (U+1304F)/F0A10 (A73) likely.				
F0A13	Y;I	TSL	Y (v5.2)		Y				heel, right knee raised, with long curved beard and coif, with a palm branch, stripped of leaves and notched on his head (M4), notch forward, raised arms at either side of the body, hands held vertically, with the handpalms inwards.	Logogram HH (million, many).					
F0A3A	Y;I	KIU 1729, line 1.	Y (in core)		Y				uoa, seated, right knee raised, with long curved beard and long wig, with a palm branch, stripped of leaves and notched on his head (M4), notch forward, raised arms at either side of the body, hands held vertically, with the handpalms inwards.	Logogram HH (million, many).	F0A13 (C11A) with the legs of F0A10 (A73), and make it a clearer long wig.			Additional row	
F0A3B	Y;I	Relief Brüssel Inv. E. 3056 (Staatl. Museen und Weser, 222ff)	Y (in core)		Y				uoa, seated, right knee raised, with long curved beard and coif, with a palm branch, stripped of leaves and notched on his head (M4), notch forward, raised arms at either side of the body, hands held vertically, with the handpalms inwards.	Logogram HH (million, many).	Found and verified by Peter Dils. F0A13 (C11A) with the legs of F0A10 (A73), with the handpalms outwards.			Additional row	
F0A14	Y;I	KIU 758, line 8	Y (in core)		Y				heel, right knee raised, with coif/short hair, without beard, with a palm branch, stripped of leaves and notched on his head (M4), notch forward, raised arms at either side of the body, hands held vertically, with the handpalms inwards.	Logogram HH (million, many).	Dendera examples do not seem to have a beard, but the legs are more like A3 (i.e. the foot does not go beyond the knee). However, the variation with F0A13 seems meaningless. H&S token is F0A13 (Jaeh C11; Valeur tokens are simply F0A13 (Jaeh C11). (i.e. M4 on the head, not H6.			Yes	
F0A15			N (auto)		N										
F0A16			N (auto)		N						No sources given.		near dup A511		
F0A17	Y;I	Dendera XI, p. 71,3 pl. 55	Y (in core)		Y				heel, both knees down, with coif/short hair, without beard, with a palm branch, stripped of leaves and notched on his head (M4), notch forward, raised arms at either side of the body, hands held vertically, with the handpalms inwards.	Logogram HH (million, many).					

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F0A3C	C-13-011							C11O																														1
F0A3E	C-13-012				F			C11I	C11I			C11I																		1								1
F0A3E	C-13-013							C11Ix											C011i																		1
F0A19	C-13-014				B			C11B	C11B			C11B	8			6	2		35;3	69;5		1;60								1	1			1	2	C;129		10
F0A1A	C-13-015				F			C11Bx											C011M	69;6																C;133		3
F0A1B	C-13-016							C11By												69;7																C;131		2
F0A1C	C-13-017				C			C11C	C11C			C11C								35;3	69;8	155;17								1	1			1		C;135		7
F0A1D	C-13-018				F			C11D	C11D			C11D									69;9															C;139		2
F0A1E	C-13-019				B			C11E	C11E			C11E	11			7	4												C;3101			6	3	1	1	6		8
F0A1F	C-13-020							C11H	C11H			C11h																										
F0A35	C-13-021				F			E5030		E5030									C346													1						2
F0A36	C-13-022				F			E5125		E5125																						1						1
F0A20	C-13-023				C			C11G	C11G			C11G																				1			3			2
F0A21	C-13-024				C			C11J	C11J			C11J	1			1																2			1			5

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
Y(I)	KIU 1104, line 4	Y (in core)		Y			God, seated, right knee raised, with long curved beard and long wig, with a tie or strap, used with sandals (ankh-sign, S34) vertically on its head, raised arms at either side of the body, hands held vertically, with the handpalms inwards.	Logogram HH (nb anx (millions of years)	Found and verified by Peter Dils.			Additional row	
		N (manual)	N	N		FDA3E	right knee up, with coif/short hair, without beard, with a palm branch, stripped of leaves and notched on his head (M4), notch forward, raised arms at either side of the body, forearms vertical, holding a tie or strap, used with sandals (ankh-sign, S34) vertically at the base in each hand.		**Redrawn into FDA3E.** (Redraw with legs like FD001 (A1). [i.e., foot is behind the knee].)				
Y(I)	Dendera X, p. 76,8, pl. 65, col. 117	Y (in core)		Y			Man/god, seated on heel, right knee raised, with coif/short hair, without beard, with a palm branch, stripped of leaves and notched on his head (M4), notch forward, arms extended at either side of the body, holding a palm branch, stripped of leaves with multiple notches (M4A), with the notches outwards.	Logogram HH (million, many).	There, but barely visible. (due to the size of the image).		redraw of C11I		
Y(I)	Dendera X, 103,11, pl. 70 (bottom image).	Y (in core)		Y			Man/god, seated on heel, right knee raised, with coif/short hair, without beard, with a palm branch, stripped of leaves and notched on his head (M4), notch forward, arms extended at either side of the body, holding a palm branch, stripped of leaves with multiple notches (M4A), with the notches outwards, on top of a base.	Logogram HH (eternity).	FDA19 with a base. I am not certain this variant is useful for unicode.			Yes	
Y(I)	Edfu VI, p. 270,4, 8; Edfu XIV, pl. DIIII.	Y (in core)		Y									
		N (auto)		N					No sources given.				
		Y (=D_ISeh/WG)		N					(Dendera VII, p. 35,8) could not be verified with an image. JH-D token (Dendera X, p. 30,5, pl. 25, col. 26) is not clear enough to be certain it is this sign (but the notches don't seem to be there). JH-E token (Esna VII 571,00 p. 65,12, verified by Peter Dils) has the legs in a different orientation.				
		N (auto)		N					vaseuns tokens (wnr, CdE 37 (74), p. 283) are not this sign, but other C11 variants.				
Y(I)	Esna VII 619,08, p. 190,9	Y (in core)		Y			Man, seated on heel, right knee raised, with coif/short hair, without beard, arms extended at either side of the body, holding a palm branch, stripped of leaves with multiple notches (M4A), with	Logogram HH (million, many).	JH-D/E tokens could have something on their head. H&S refer to Griffith Hieroglyphs fig. 21, which refers to Griffith Sut and Rifeh I, col 227, in which the transcription connects the leaves to the head (so, different sign).				
		N (auto)		N					No sources given.				
Y(I)	Esna VII 570,21, p. 63,1	Y (in core)		Y			heel, right knee raised, with coif/short hair, without beard, with a palm branch, stripped of leaves and notched on his head (M4), notch forward, arms extended at either side of the body, holding a palm branch, stripped of leaved with multiple notches (M4A), with the notches outwards, on top of frogs, looking inwards; on top of a basket (V30).	Logogram HH nb (all eternity)	Exists, Verified by Peter Dils. Edfu VI, p. 270,4, Edfu XIV, pl. DIII has a variant without the frogs. Function is a guess, might only be HH.				
		N (auto)		N					JH-c token (Esna VII 603,05, p. 147,6, verified by Peter Dils) has a sun disk, and the feat in a different position.				
		Y (=D_ISeh/WG)		N					JH-E token (Esna VII 603,15, p. 148,3) has a M4 sign on its head, and the foot does not extend beyond the knee.				
Y(I)	Dendera X, p. 353,10, pl. 226, col. 84.	Y (in core)		Y			Man/god, seated on heel, right knee raised, with coif/short hair, without beard, with a palm branch, stripped of leaves and notched on his head (M4), notch forward, arms extended at either side of the body, holding a palm branch, stripped of leaves, curving inwards at the top, connecting at the top of the M4 sign on the head.	Logogram HH (million, many).	I am not sure how worthwhile it is to add all C11 variants to Unicode.			Yes	

Comment DW	Vote DW Core (2021)	DW differentiy	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiy	Comment SP
			The Karnak sources are damaged, and the examples of the TLA which I could find images of where different signs (3 - no palm branches on the photo (Bartel 0117), belag 6-8, no notched palms branches, rnp.t sign in the reverse direction).					Paradigm with C79A
			I could not verify this one, the Karnak examples are variants of this sign, or do not have the notches on the palm leaves. I could not verify the TLA examples due to lack of images of the text					Paradigm with C79A
			Unclear, but could be there. Edfu VIII, 90,7, photo 0117, krand (see attached image). Token might be better represented without the lines touching the M4.					

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Comment SP | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vols | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhon | VP Val | Weight | Vols | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequnce | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikor	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F0A74	C-15-031				F			C336																						1							1
F0AB5	C-15-032							C336A											C336A																			1
F0A75	C-15-033				E			C35	C36			C36	2			2						72;1															C;297		3
F0AB6	C-15-034							C36A											C036A																			1
F0A76	C-15-035							C37	C37			C37																											
F0A77	C-15-036				E			C38	C38			C38	1			1									C;7202													2
F0A78	C-15-037							C287	C287			C287																											
F0A79	C-15-038							C258	C258			C258																											
F0A7A	C-15-039							C258A	C258A			C258/																											
C16. Gods with lion head																																					
F0A90	C-16-001				F			C87A														72;2													C;307	*imnby*	2
F0A91	C-16-002				F			C86	C86			C88										72;3		1;71a											C;305	*pkr;rdwclpw*	3
F0A92	C-16-003				F			C316		C316									C316											1							2
F0A93	C-16-004							C251	C251			C251																											
F0A94	C-16-005				D			C87	C87			C87										42;5	72;4	1;71b											C;309	*lmnh;rsyw;ḫḏtyw;khyw;sḫwtyw;sḫsyw*	4
F0A95	C-16-006							C230	C230			C230																											
F0A96	C-16-007				F			C302	C302			C302																							1			1
C17. Min																																					
F0AA0	C-17-001			13064	B			C8	C8			C8	5			4	1	1_1832_01	C8		C008	34;3	72,5	155;39	1;57d		C;2100		814;13		1					C;75	*i;imn;m;mnw;ỉ;ỉ;ỉ;t mnt f*	14
F0AA1	C-17-003							C8m														72;6																1

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
		N (manual)	N	N						**Redrawn into F0A85.** (Redraw and replace sign completely, in reality the sign is much more interesting, as there is interaction between the potters wheel and the figure, there is no sign of an uraeus in the sun, and the arm position is drastically different. (Form of F0A71 (C:35) without the block throne, with a sun disk on the head, one hand on the potters wheel, approaching over the lump of clay, one foot at the potters wheel (as if to turn the wheel, the other at a 45 degree backwards. See original.)		same as DE36D		
Y/i	Dendera XV, p. 215,11, BIFAO 90 (Cauville), pl. III 6th image.	Y (in core)		Y				of a ram with horizontal twisted horns, with a sun disk (N5) on its head, seated on nothing, in front of a potters wheel with a lump of clay on it, right leg extended, right foot at the base of the potters wheel, both arms extended in front, right hand above the lump of clay, left hand at the top of the potters wheel.	Logogram nTp (to create, to form).			redraw of C336		
		N (manual)	N	N		F0AB6				**Redrawn into F0A85.** (Redraw sign with more or less the same leg position as F0229 (A35E).)				
Y/i	Edfu VIII, p. 68,8, Bartels photo 0093.	Y/R (in core)		Y/R				God, standing, with the head of a ram with forwards curving horns, both arms raised in front, touching a vertically written wall with battlements near the top, left leg raised, touching the wall near the bottom.	Logogram Xnm (to build).	Requires another redraw, withouth the horizontal horns and replace the building structure with F220B (D36D), Function according to Kurth, but I wonder if this should not be read as qd (to build) instead.		redraw of C36	Redraw in place.	
		N (auto)		N						No sources given.				
TLA token (Edfu VIII, 111,3, photo 0151) cannot be recognised in the image.		N (auto)		N						110,11), the only facsimile I could locate is Rec. de Trav. 15, p. 147, which does not show a rams head. WB V, p. 630,9, (Mariette, Cat. Abydos, nr. 1464) could not be verified with an image either (as I have no idea where that vase is right now).				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
										I could not locate where this sign is supposed to occur (Dumichen Baugeschichte p. 24 according to Valeurs, but nothing on this page seems to refer to this sign.				
		N (auto)		N						No sources given.				
Y/i?	ASAE 40, Drioton, p. 390.	Y (in core)		Y				God, standing, with the head of a lion, holding a sceptre with a straight shaft, forked bottom and head of the Seth animal (S40) of the same size as the god, vertically, left arm hanging beside the body.	Phonemogram r.	Edfu II, p. 275,3; 11 could not be verified with an image (the south sections of the bandeaux are not depicted in Edfu XI, pl. CCCCXVII-XX).				
Y/i?	Dendera XI, p. 138,9, pl. 100, left image.	Y (in core)		Y				God, standing, with the head of a lion, with a feather (H6) on its head, holding a sceptre with a straight shaft, forked bottom and head of the Seth animal (S40) of the same size as the god, vertically, left arm hanging beside the body.		Verified by Peter Dils. I cannot say with certainlity the head is of a lion (but clearly an animal), but it seems to be there. Additonally, the feather seems to be there, but could in theory be a M17 as well. I have no idea what the function is here.			Yes	
		N (auto)		N						No sources given.				
Y/i	Dendera VI, p. 40,1, pl. CCCCLXXXVII.	Y (in core)		Y				God, standing, with the head of a lion, right arm forward, forearm horizontal, holding a knife (T30A) vertically, with the blade outwards, left arm hanging beside the body, holding a stick horizontally.	Logogram wpw.ty (messenger).	It is possible that the stick in the left hand could be a knife as well.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
Y/i	TSL	Y (v5.2)		Y				with long, curved beard, standing on a platform, wearing a double plume headdress, with a line coming from the back of the head, running down to the base, arm raised in back, with a flagellum (S45) written over the arm.	Classifier Min (gb.tyw).					
		N (manual)	N	N						Mirrored form of F0AA3 (CBA).				

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | VP Val ValPhor | Weight | Vols | Comment DW | Yote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Siz	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikeı	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
																																					hˁkɜ	
F0ACA	C-19-012				D			C94	C94			C94										42;7	73;7	155;41	1;59											C;117		5
																																			ḥ°py		
F0ACB	C-19-013				E			C94A	C94A			C94A										42;7												1	C;118		3
F0ACC	C-19-014				D			C94B		C94B																				3							1
F0ADD	C-19-015							C94C											C094C																		1
F0ACD	C-19-016				C			C94D		C94D																				4							1
F0ACF	C-19-017				F			H25902																									1				1
C20. Onouris																																					
																																			s1ˁ		
F0AE0	C-20-001				C			C95	C95			C95	5			5						73;8															3
F0AE1	C-20-002				D			C96	C96			C96										73;9												3	C;83		3
F0AE2	C-20-003				B			C95A	C95A			C95A	15			15																					1
F0AE3	C-20-004							C95B											C095B																		
C21. Orion																																					
																																			sʾḥw		
F0AF0	C-21-001				D			C97	C97			C97										73;10	155;42	1;62										1	C;189		5
F0AF3	C-21-002							C97A											C097A																		1
F0AF1	C-21-003				F			C263	C263			C263										50;11									1							2
F0AF2	C-21-004				F			A479	A479			A479										26;10		1;62							1							3
C22. Osiris																																					
																																			wsjr;sḫ		
F0B0D	C-22-001				B			C98A	C98A			C98A	6			4	2					42;8	73;12			C;1500					4			1	C;225		9
F0B01	C-22-002				F			C98x														74;1													C;227	*sḫ*	2
																																				ḥwsr;mɜ;ḥm		
F0B02	C-22-003				A			C98	C98			C98	35			17	18	1_1848				42;8	74;3	155;31	1;68		C;0803		815;9		123	1	7	10	3	C;241		15

Index	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F0ACA			Y (n=0,JSeh/NG)		N						token (Dendera VII, 84,1, no image; Dendera XI, p. 68,5, pl. 55) is this sign. Valeur tokens (Drioton, RdE 2, p. 23-24) are unique variants. None of the Kurth tokens are this sign. Valeurs token (Dendera VII, 84,1) could not be verified with an image. **Redrawn into FDADD.** (Redraw sign using a M15 on the head, instead of the M16.)				
F0ACB			N (auto)		N										
F0ACC			N (manual)	N	N										
F0ADD	Y/I	Dendera XI, p. 68,12, pl. 67, top image, bandeau.	Y (in core)		Y				God, standing, with a long curved beard and long wig/hair, with a clump of three papyrus flowers, with two buds bent down (M15) on its head, both arms forward, hands at the hight of the waist, holding a tray or reed mat, with two tall waterpots (W14) on it.	Logogram hapy (the Nile/the flood).			redraw of C94B with M16		
F0ACD			N (auto)		N						JH-D tokens could not be verified with an image (Dendera XII, p. 71,12; 199,2; 274,8; 288,10.				
F0ACF	Y/I	Dendera, Porte d'Horus, p. 58,3, p. 149.	Y/It (in core)		Y/It				God, standing, with a long curved beard and long wig/hair, with a clump of three papyrus flowers, with two buds bent down (M15) on its head, both arms forward, hands at the hight of the waist, holding a tray or reed mat, with two tall waterpots (W14) on it, with a lotus flower and stem (M9/rotated M133) written over the water pot, with the stem of the flower extending beyond the mat, with a sceptre with a straight shaft, a forked base, topped with the head of the Seth animal (S40) between the two pots, with the lower half of the sceptre extending below the mat.		Verified by Peter Dils. Redraw the sign to make the lines below the mat a bit longer (goes to the hight of the ankle, not to the end of the kilt.		Horus 58,3; redraw??	Redraw in place	
F0AE0	Y/I	KIU 9100, line 3.	Y (in core)		Y				God, seated, knees up, with covered legs and arms, with a long curved beard, wearing a headdress consisting of four plumes on rams horns (S68), holding a sceptre with a straight shaft, topped with the head of the Seth	Logogram in-Hr.t (Onuris)					
F0AE1			Y (n=0,JSeh/NG)		N						No sources given.				
F0AE2			N (manual)	N	N						**Redrawn into FDAE3.** (Another pass over the Karnak material shows there are no horns in the facsimile either. Redraw to double plume, but no headpiece in between as one has with C12A).				
F0AE3	Y/I	KIU 9099, line 2; 3.	Y (in core)		Y				God, seated, knees up, with covered legs and arms, with a long curved beard, wearing a headdress consisting of two plumes on rams	Logogram in-Hr.t (Onuris)			redraw of C95A		
F0AF0			N (manual)	N	N						**Redrawn into FDAF1.** (Redraw sign holding a stick/staff, not the wAs sceptre (which is a separate sign in front of this one in the source.)				
F0AF3	Y/I	Louvre A65, back pillar, middle column.	Y (in core)		Y				looking backwards, with a long curved beard and long hair/wig, right arm forward, hand at the hight of the waist, holding a stick/staff, left arm backwards, hand at the hight of the shoulder, holding a star (N14).	Logogram sAH (Orion).			redraw of C97		
F0AF1			N (auto)		W						(Dendera X, p. 103,9, pl. 70, col. 202), but I cannot see it clearly in my image (although it seems possible).			Wait	
F0AF2	Y/I	Dendera X, p. 241,8, pl. 139	Y (in core)		Y				God, walking, wearing the double crown, right arm forward, angling down, left arm raised in back, forearm vertical, holding a stick.	Logogram sAH (Orion).					
F0B0D	Y/I	KIU 3947, line 1 (a bit right of the middle)	Y (in core)		Y				God, seated, knees up, with covered legs and arms, with a long curved beard, wearing the Atef crown without horns (S8A).	Classifier Osiris (wsir).					
F0B01			N (manual)	N	N						Duplicate of F0B02 (C98).		dup of C98 (because of IFAO)		
F0B02	Y/I	KIU 1748, line 1	Y (in core)		Y				God, seated, knees up, with covered legs and arms, with a long curved beard, wearing the Atef crown without horns (S8A), holding a sceptre with a straight shaft, topped with the head of the Seth animal vertically.	Logogram wsir (Osiris).	Note that Valeurs code C;241 is F0B05 (C99).				

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F0B03	C-22-004				F			C98y														74;4														C_229	wsdr;n mwnt;gl	2
F0B04	C-22-005				F			C98z														74;5														C_231	wsdr	2
F0B05	C-22-006				B			C99	C99		C99	2			2						42,8	74;7	155;31	1;68					1	1				7	C_233		9
F0B06	C-22-007				F			DE177		DE177																			1							wsdr;mwnt;x;gli	1
F0B07	C-22-008				C			C98B	C98B		C98B											74;9			C;0803					1			1		C_237		5
F0B08	C-22-009							C98C	C98C		C98C																											gli	
F0B09	C-22-010				C			C98D	C98D		C98D	3			3																					C_239		2
F0B0A	C-22-011							C98F	C98F		C98F																											gli	
F0B0B	C-22-012				E			C99A	C99A		C99A										42,8	74;10								1						C_235		4
F0B0C	C-22-013							C99B	C99B		C99B														C;0803													1
F0B0D	C-22-014					S		C99C														74;11																1
F0B0E	C-22-015							C98E	C98E		C98E														C;0806													1
F0B14	C-22-016							C98G																														1
F0B13	C-22-017							C98Ex												C098G																		1
F0B0F	C-22-018							C100	C100		C100											74;12														A;1279		2
F0B10	C-22-019				C			C101			C101	3			2	1																		1				3
F0B1F	C-22-020							C101x	C101													74;13			C;0804								1		C_211		

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG Variants relevant to Brugsch grammar, i.e., no sources. (and likely simply a duplicate of F0B02 (C98)). Valeurs token (Edfu III, p. 281,6) is F0B02 (C98), as is Droiton, ASAE 46, p. 125, 128 (=KIU 4846, line 8). F0B02 with horns. JH-D token (Dendera XI, p. 170,8, pl. 123) is not clear enough to see if the horns are there. Valeurs only refers to a F0B02 (C98) variant. Esna token is too damaged to recognise the sign. KIU token does not seem to have the horns either. Valeurs token (Dendera II, p. 146,4-5; Edfu III, p. 277,7) could not be verified with an image. JH-D token (Dendera XIV, p. 71,11, Commentaire pl. XXX) could be this sign, but is not clear enough in my image (but it does seem likely to be correct). Verified by Peter Dils. function in the name of Seti I, note that the function is unique to the context, as it is highly unlikely to occur outside the tomb. JH-D token (Dendera XIV, p. 47,7) could not be verified with an image. Valeurs token (Edfu V, p. 164,14) could not be verified with an image, beside being falcon headed in the transcription. (Rott II, Droiton, p.6) is not this sign. H&S token, KRI VI, p. 545,1 might have this sign, but I could not verify it with an image (but seems possible based on a tracing of Davies http://www.griffith.ox.ac.uk/gri/4ITB5_5.htm l).	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
		N (auto)		N								dup of C98 (because of IFAO)	
		N (auto)		N								variant of C98	
		Y (n=D_JSeh/WG)		N									
		N (auto)		N									
Y/i	Tomb of Seti I, Hornung, p. 175, pl. 111	Y (in core)		Y				God, seated, knees up, with covered legs and arms, with a long curved beard, wearing the Atef crown without horns (58A), holding a flagellum (545) and a crook (538), opening inwards.	Loggram stX.y (one who belongs to Seth)	Verified by Peter Dils. function in the name of Seti I, note that the function is unique to the context, as it is highly unlikely to occur outside the tomb. JH-D token (Dendera XIV, p. 47,7) could not be verified with an image. Valeurs token (Edfu V, p. 164,14) could not be verified with an image, beside being falcon headed in the transcription. (Rott II, Droiton, p.6) is not this sign. H&S token, KRI VI, p. 545,1 might have this sign, but I could not verify it with an image (but seems possible based on a tracing of Davies http://www.griffith.ox.ac.uk/gri/4ITB5_5.htm l).		Yes	
		N (auto)		N						No sources given.			
Y		Y (n=D_JSeh/WG)		N						Valeurs misuded this sign for a variant of C18, and this seems to occur in the TLA as well. Hence, it is probably better to leave it out, as it clearly causes confusion, and is difficult to prove.			
		N (auto)		N						No sources given.			
		N (auto)		N						JH-D token (Dendera XIV, p. 146,13) could not be verified with an image. Dendera XV, p. 215,10, BIFAO 90 (Cauville), pl. III (transcribed as C98) has a variant without horns. Valeurs token (Edfu IV, p. 12,1) could not be verified with an image.			
		N (auto)		N						Naos token (=KHK 4U (Droiton) p. 310) has no horns.			
		N (auto)		N						No sources given.		mirrored from C98	
		N (manual)	N	N						**redrawn into russa.** (Redraw sign to include horns (which is the case in H&S as well, so if this sign was based on that, it was incorrectly			
Y/i	Dendera X, p. 346,7, pl. 223, col. 21 (but verified with image HADW A6736).	Y (in core)		Y				God, seated on a block throne on a base, with a long curved beard, wearing the Atef crown without rams horns (58A), both arms in front of the chest, right hand holding a crook (538), opening inward, angled over the right shoulder, left hand holding a flagellum (545), angled over the left shoulder; on top of a base.	Classifier Osiris.	Found and verified by Peter Dils. Draw as F0B0E (C98E), on top of a base (so yes, indeed without the horns).			Additional row
Y/i	MMA 33.2.1 (KRI I, p. 354,1). Left frame.	Y/R (in core)		Y/R				God, seated on a block throne on a base, with a long curved beard, wearing the Atef crown with rams horns (58), both arms in front of the chest, right hand holding a crook (538), opening inward, angled over the right shoulder, left hand holding a flagellum (545), angled over the left shoulder; on top of a base.	Classifier Osiris (weir).	Redraw sign to be on top of a base.		redraw of C98E with horns	Redraw in place.
		N (auto)		N						No sources given. KIU 4828, line 3 is a different sign, with a base, and holding 1 ankh over his lap (horizontally), and extending the arm with another ankh sign.			
Y/i	KIU 1574, line 2	Y (in core)		Y				ωαα, in mummyform, standing upright, with a long curved beard, wearing the Atef crown with rams horns (58), both arms forward, holding a sceptre with a straight shaft, forked bottom and head of the Seth animal (540) of the same size as the god,	Classifier Osiris (ant.y-imn.tyw).				
		N (auto)		N									

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caur | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vols | Comment DW | Yote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val sprt | Weight | Vols | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val sxt | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caur | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val Weight | Vols | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequnce | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
F0C34	C-34-006				F			C138	C138			C138																		1							1
F0C35	C-34-007				E			C138A	C138A			C138/																		1		1				*ir-tl;snw;ḥbw;ḫkw*	2
F0C36	C-34-008				C			C138B	C138B			C138I									45;10	57;2		1;82a						4						C;555 **1 mdf*	5
F0C37	C-34-009				D			C138C	C138C			C138K																		2						C;562	2
F0C38	C-34-010							C138D	C138D			C138E																									
F0C39	C-34-011				F			C139	C139			C139										57;1								1						C;559 *sprt*	3
F0C3A	C-34-012				F			C236	C236			C236																		N (auto)						C;1329	1
F0C3B	C-34-013				F			DE102		DE102																				1							1
F0C3C	C-34-014				F			DE136		DE136																				1							1
F0C3E	C-34-015				F			H06D2																						N (auto)		1					1
C35. Hathor/Isis																																				
F0C50	C-35-001				F			C9x														80;6								N (manual)	N	N				*ỉst;nḥ;nḥt;ḫwt-ḥr;ḫnt-ỉtḥtwr,w;* C;1077 *ỉ;nḥ;nḥt;t*	2
F0C51	C-35-002			13065	B			C9	C9				9			9	1_7042_00	C9	C009	34;4	80;8	155;46	1;88	C;2500	815;1				16		1	2			C;1079	14
F0C52	C-35-003				C			C9P				C9	7			7		1_7042_01		C009P															2	*ỉ;ḫwt-ḥr*	4
F0C53	C-35-004				F			C9I	C9I			C9I										80;9														C;1081	2
F0C54	C-35-005				F			C9Ax														80;10														*ỉ;prt;w;nḥt;rpyt;ḫwt-ḥr;ḫnt-ỉtḥtwr,wt;s* C;1091 *ỉ;nḥ;t*	2
F0C55	C-35-006				F			C9Ay														80;11														C;1095 *ỉ;ist;mnḥt;nḫ;sqrt;ḫwt-ḥr;t*	2
F0C56	C-35-007				D			C9J	C9J			C9J	2			1	1					81;1														C;1093	4
F0C57	C-35-008				A			C9A	C9A			C9A	55			51	4	1_1858			34;4	81;3		1;88						555	6	50	12		1	C;1089 *nḫ*	12
F0C58	C-35-009				F			C9B	C9B			C9B										81;5														C;1097 *ỉdnt*	2
F0C59	C-35-010				C			C9C	C9C			C9C										81;7								4						C;1101	3
F0C5A	C-35-011							C9Cx														81;8														C;1103	2
F0C5B	C-35-012				F			C9Dx														81;9														*ḫnt;ḫnt.t* C;1099	2
F0C5C	C-35-013				B			C9D	C9D			C9D									34;5	81;10		1;88a						11		3				8;139	6

Index	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F0C34										Y/i	Edfu IV, p. 14,7. Dendera X, p. 293,4, pl. 170, col. 22.	Y (in core)		Y				Goddess, seated, knees up, with covered legs and arms, with the head of a snake.	classifier Hs (in Hs-nb=s).	Dendera Porte d'Horus, p. 40,3, p. 128 (bandeau) has a variant on a base. The JH-D token could not be verified with an image (Dendera XIII, 117,4).				
F0C35												N (auto)		N										
F0C36										Y/i	Dendera VI, p. 58,1, pl. DVIII (bandeau).	Y (in core)		Y				Goddess, seated, knees up, with covered legs and arms, with the head of a snake, holding a sceptre with a straight shaft, topped with the head of the Seth animal vertically.	Logogram kk.t (Keket)	One of the tokens (Dendera XV, 215,8, BIFAO 90 (Cauville), pl. II) has the head of a vulture, not a snake.		snake goddess		
F0C37										Y/i	Dendera X, p. 124,6; 10, pl. 74, col. 78, 84.	Y (in core)		Y				Goddess, seated, knees up, with covered legs and arms, with the head of a snake, holding a knife (T30A) at an forward angle.	Classifier divinity?	I am not sure of the function here.				
F0C38												N (auto)		N						No sources given.				
F0C39												N (auto)		N						*ỉm-w* token (*uræsera* XIII, p. 138,14) could not be verified with an image.				
F0C3A												N (auto)		N						*w*æseru token (Daumas,. Mammisi Dendera, p. 98,12) could not be verified with an image.		~~~		
F0C3B												N (auto)		N						JH-D token (Dendera XIV, p. 3,6, Commentaire pl. II) is too poor in my image to be certain, but it seems to be there.				
F0C3C												N (auto)		N						JH-D token (Dendera XIV, p. 30,6, Commentaire pl. XIII) is too poor in my image, but it does not seem unlikely based on the iconography.				
F0C3E												N (auto)		W						Token (Dendera, Porte d'Horus, p. 60,8, p. 152) cannot be clearly seen, but functionally it does not seem unlikely, and the red crown seems to be there		Horus 60,8	Wait	
F0C50												N (manual)	N	N						*ỉmp*icane or *nw.t* (HG C9).		dup of C9 (because of IFAO)		
F0C51				C9Varr in TSL.						Y/i	TSL	Y (v5.2)		Y				Goddess, seated, knees up, with covered legs and arms, with a headdress of bovine horns with a sun disk (F102).	Logogram Hw.t-Hr (Hathor)	HG form, i.e., no uraeus.				
F0C52		Y/URA EUS								Y/i	TSL	Y (in core)		Y				Goddess, seated, knees up, with covered legs and arms, with a headdress of bovine horns with a sun disk (F102), and an uraeus.	Classifier Hathor (Hwt-Hr).	Jesh form, i.e., F0C52 with uraeus.		w/uraeus		
F0C53												N (auto)		N						Vulture headdress. Valeurs token (Edfu IV, p. 155,15) could not be verified with an image. KIU 2993, line 6 is a variant of this sign, without Hathor crown (i.e., only vulture crown).		with vulture headdress		
F0C54												N (manual)	N	N						*ỉmp*icane or *nw.t* (C9A).		dup of C9A (because of IFAO)		
F0C55												N (auto)		N						Valeurs tokens are F0C57 (C9A).		C9A with uraeus		
F0C56		Y/URA EUS		Not a uraeus, but a vulture headdress. KIU 3567 example looks more like an uraeus to me, but it could be either.						Y/i	KIU 3563, line 1.	Y (in core)		Y				Goddess, seated, knees up, with covered legs and arms, with a headdress of bovine horns with a sun disk (F102) and the vulture headdress, holding a stem of papyrus with a bud (M131) or flower vertically.	Logogram A.t (Isis).	Note that technically none of the KIU tokens is without a doubt the vulture headdress, it might be an uraeus.				
F0C57		Y								Y/i	TSL	Y (in core)		Y				Goddess, seated, knees up, with covered legs and arms, with a headdress of bovine horns with a sun disk (F102), holding a holding a stem of papyrus with a bud (M131) or flower vertically.	Classifier female divinity (Usually associated with Hathor).					
F0C58										Y/i	Philae II, p. 29,22, p. 28.	Y (in core)		Y				Goddess, seated, knees up, with covered legs and arms, with a headdress of bovine horns with a sun disk (F102), holding a sceptre with a straight shaft, topped with the head of the Seth animal vertically.	Logogram nb.	Verified by Peter Dils.			Yes	
F0C59										Y/i	Dendera XV, p. 216,3, BIFAO 90 (Cauville), pl. III (bottom image)	Y (in core)		Y				Goddess, seated, knees up, with covered legs and arms, with a headdress of bovine horns with a sun disk (F102), holding a holding a sceptre (S42), vertically.	Logogram sxm.t (powerful one).					
F0C5A												N (auto)		N						F0C59 (C9C) with vulture headdress, no sources given (and it is highly unlikely to find a sign that is clear enough to see this type of detail).				
F0C5B												N (manual)	N	N						Duplicate of F0C5C (C9D).		variant of C9D		
F0C5C										Y/i	Dendera Porte d'Isis, p. 26,1, pl. 32, bandeau.	Y (in core)		Y				Goddess, seated, knees up, with covered legs and arms, with a headdress of bovine horns with a sun disk (F102), holding a club used by washer-men for beating laundry (U36) vertically.	Logogram Hm.t (majesty).					

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|---|---|---

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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unlker | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vols | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG Duplicate of F0CB4 (C159A). Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weleti
F0CA9	C-35-084							C161B																													
F0CB8	C-35-085					S															83;13																1
F0CB9	C-35-086				F			C162	C162			C162	1			1					83;14														C;1181		3
																																			fwc:mh8	
F0C9A	C-35-087				C			C163	C163			C163							47;4	83;15	156;13	1;88f								3			1		C;1147		7
																																			i:fnrt	
F0C9B	C-35-088				C			C163A	C163A			C163J					1_1405		47;4	83;16															C;1143		4
F0C9C	C-35-089							C163B													84;1														C;1145		2
																																			xnj	
F0C9D	C-35-090				F			C310	C310			C310																							C;1121		1
F0C9E	C-35-091				B			C320		C32D									C320											21		2	1				4
																																			i:mhyt:rsw:s:xfmt:t	
C36. Lion gods and goddesses																																				
F0CB0	C-36-001				B			C164	C164			C164	32			13	19	1_1406			47;5	84;2	157;1	1;99a		142?;6	815;13			5	1		1	43	C;1293		14
F0CB1	C-36-002							C232	C232			C232																									
F0CB2	C-36-003				A			C164A	C164A			C164J	1			1					47;5	84;3		1;99a						15	1	1		159	C;1305		9
F0CB3	C-36-004							C164B	C164B			C164E																									
																																			i:xfmt:t	
F0CB4	C-36-005				C			C164G		C164G												84;4								4		1	1		C;1307		5
																																			hk1:t:nme	
F0CB5	C-36-006				C			C164C	C164C			C164K							47;6	84;5							c78 v1		1				1	C;299		6
F0CB6	C-36-007				C			C275	C275			C275	1			1														2			2				3
F0CB7	C-36-008							C288	C288			C288																									
																																			i:hwty:kdfly	
F0CB8	C-36-009				C			C164D	C164D			C164K							47;7	84;6												3	1		C;301		5

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
Y/I	Edfu VI, p. 12,4	Y (in core)		Y				Goddess, standing, wearing a vulture headdress, with a seat (I2I) on her head, right arm forward, hand at the hight of the waist, holding a stem of papyrus with a bud (M131) or flower, of the hight of the woman, vertically, left arm hanging beside the body, holding a tie or strap, used with sandals (ankh-sign, S34), at the loop.	Logogram nb (lord).	Found and verified by Peter Dils. FDC79 (C161) holding a ankh in the left hand, and wearing a vulture headdress as well.			Additional row.	
		N (manual)	N	N		FDC96								
		N (auto)		N						Not supported.				
Y/I	Dendera X, p. 154,13, pl. 75, col. 14	Y (in core)		Y				Goddess, standing, with a sun disk (N5) on her head, arms covered by wings, right arm raised in front, hand at the hight of the shoulder, holding a feather (H6), left arm extended forward, hand at the hight of the waist, holding a	Logogram wei (to protect).	Token is not really clear. Probably better to only include FDC9A (C163) or FDC9B (C163A) in unicode, not both.			Yes	
Y/I	Dendera, porte d'Horus, p. 48,8, p. 135.	Y (in core)		Y				Goddess, standing, with a sun disk (N5) on her head, arms covered by wings, right arm raised in front, hand at the hight of the shoulder, holding a feather (H6), left arm extended forward, hand at the hight of the waist, holding a flagellum (S45)	Logogram wei (to protect).	Note that this token is transcribed as FDC9A (C163) in the publication, but the lower item is a flagellum in my opinion (although one could argue the goddess is kneeling here, as the bottom wing starts rather low).			Yes	
		N (auto)		N						rsagenum in ostn hands. No sources given.				
Y/I	ASAE 40 (Drioton), p. 361, 367 (nr. 159)	Y (in core)		Y				Goddess, standing, with a headdress of bovine horns with a sun disk (F102), right arm forward, hand at the hight of the waist, holding a sceptre with a straight shaft, forked bottom and head of the Seth animal (S40) of the same size as the woman, left arm hanging beside the body, holding a tie or strap, used with sandals (ankh-sign, S34), on top of a collar of beads (S12).	Phonemogram snT-inbw					
Y/I	Dendera Porte d'Hathor, p. 38,10, p. 105 (bandeau)	Y (in core)		Y				Goddess, seated, knees up, with covered legs and arms, with a headdress of bovine horns with a sun disk (F102), holding a holding a stem of papyrus with a bud (M131) or flower vertically, on top of a collar of beads, without detail (S12A).	Logogram/phonemogram nb:t (lady).					
Y/I	TSL	Y (in core)		Y				Goddess, seated, knees up, with covered legs and arms, with the head of a lion/lioness.	Classifier leonid divinity (female) (sxm:t/bAs:t)					
		N (auto)		N						No source given, and seems to be practically a duplicate of FDCB0 (C164).				
Y/I	Dendera XI, 176,5, pl. 126 (second column recitation)	Y (in core)		Y				Goddess, seated, knees up, with covered legs and arms, with the head of a lion/lioness, holding a stem of papyrus with a bud (M13).	Logogram sxm:t (lekhmet)					
Y/I	Petrie Museum of Egyptian Archaeology 32157 ro.	Y (in core)		Y				Goddess, seated, knees up, with covered legs and arms, with the head of a lion/lioness, holdign a flagellum (S45).	Classifie leonid divinity (female) (sxm:s).	Found and verified by AKU project.				Yes
		N (auto)		W						Likely exists, but I lack a good token to distinguish it from FDCB2. The JH-D tokens Wb, p. 95,2 could not be verified with an image; Wb, p. 184,9, commentaire pl. XXXIV; XV, p. 229,12, 230,7 pl. LII, my image is too poor to recognise the sign. none or me toxens had clear breast (i.e., female) and all Cauville sources referred to male gods (Sxm.w; HD-Htp).				
	duplicate Hieroglyphica C164C	Y (=D,JSeh/HG)		N										
Y/I	Dendera IV, p. 144,10, pl. CCLXXIX; Dendera VIII, p. 42,3 (Verified by Peter Dils).	Y (in core)		Y				God, seated, knees up, with covered legs and arms, with the head of a lion, holding a sceptre with a straight shaft, topped with the head of the Seth animal vertically.	Classifier leonid divinity (male), HD-Htp,	In Hieroglyphica, FDCB5 (C164C) and FDCB6 (C255) are actually not identical, but rather FDCB6 is a male lion, and FDCB5 is female. Distinction between the two signs should be made clearer (if C275 actually exists, otherwise the variation will actually be between breasts and no breasts).		male?		
		N (manual)	N	N						(C164C) (in Jseh at least, in the online list of Hieroglyphica, C288 does not occur). In the signs as given here, there is no variation between FDCB6 (C275) and FDCB7 (C288).		female, bad glyph		
		Y (=D,JSeh/HG)		N						All Cauville tokens (Dendera VII, p. 43-44) could not be verified with an image, and seem to be male. Same goes for Valeurs (Dendera VII, p. 50,12, pl. DCIX).				

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Siz	GID	HG	HGx	Dour	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Uniker	Cauv	IFAO	Leitz	Kurth
F0CB9	C-36-010				E			C275A	C275A			C275/												
F0CBA	C-36-011							C288A	C288A			C288/												
F0CBB	C-36-012							C164E	C164E			C164E									48;1	84;7		
F0CBC	C-36-013							C288B	C288B			C288E												
F0CBD	C-36-014				F			C164F	C164F			C164F	1				1							
F0CBE	C-36-015			13074	B			C165	C165			C165								C023		84;8	157;2	
F0CBF	C-36-016				A			C165A	C165A			C165/	3			3					48;2	84;9		1;99a
F0CC0	C-36-017				C			C165G										1_6833		C165G				
F0CC1	C-36-018							C165B	C165B			C165E												
F0CC2	C-36-019							C165C	C165C			C165(												
F0CC3	C-36-020							C165D	C165D			C165I												
F0CC4	C-36-021				B			C165E		C165E										C165E		84;11		
F0CD2	C-36-022				C			C319A		C319A										C319A				
F0CC5	C-36-023				C			C289	C289			C289										84;13	157;5	
F0CC6	C-36-024				E			C165F		C165F														
F0CD3	C-36-025				F			ES068		ES068														
F0CC7	C-36-026				E			C166A	C166A			C166/										84;14		1;99b
F0CC8	C-36-027				F			C167	C167			C167	1			1						84;15		
F0CC9	C-36-028							C168	C168			C168										85;1		
F0CCA	C-36-029				E			C169	C169			C169	1			1						85;2		
F0CCB	C-36-030				D			C170	C170			C170									48;3	85;3	157;3	13;102

Index	H&S	Hannig	Bonnam	Moelle	Richn	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight	Vote	Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP
F0CB9						1			1					2										
F0CBA													mky											
F0CBB												C;303		3										
F0CBC																								
F0CBD													i;ʿ;mḥyt;rw;s;sḫmt;tfnwt	1										
F0CBE							2		1		40	C;1311	i	7					I cannot verify this source, see H. A. Schlögl, in Sguaitamatti and Wieland, Stiftung Koradi/Berger (1989), 14-15, fig. 66-67. Glyph is not visible in this publication.					
F0CBF						13	9	1			198	C;1303		9			Y							
F0CC0														2										
F0CC1																								
F0CC2																								
F0CC3													m;mnḫyt;rpyt;ʿ;pʿ;t											
F0CC4						11	4	5	4			C;1313		7										
F0CD2							6							2										
F0CC5						3					3	C;1315		5										
F0CC6						2								1										
F0CD3							1						bꜣstt;mnḫyt;mḥyt	1										
F0CC7												C;1301		3										
F0CC8												C;1319		3					Only the crown is visible on the image (Edfu VII, 14,5, photo (wall) 793), however, I cannot verify any other part of this sign.					
F0CC9												C;1317		2										
F0CCA											1	C;1309	ḥnwt	4					TLA token is a man sniffing a flower, on a chair (not a block throne).					
F0CCB												O;1679		5										

Index	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F0CB9	Y/i	Dendera Porte d'Hathor, p. 12,3; 6, p. 80.	Y (in core)		Y				God, seated, knees up, with covered legs and arms, with the head of a lion, holding a knife (T30A), angled forwards.	Classifier leonid divinity (male), xns-mAa.t; baH-ib.	Based on the iconography these lions are male.		male?		
F0CBA			N (manual)	N	N						Duplicate of F0CB9 (C275A).		female, bad glyph		
F0CBB			Y (manual)	Y	W						tokens (Dendera II, p. 24,8-10) could not be verified with an image. However, based on the iconography of other animals (pl. XCI-III) I find it likely that this sign probably existed. (although, as male, not female).		redrawn w/o breast	Wait	
F0CBC			N (auto)		N						No sources given.		male?		
F0CBD	Y/i	KIU 7789, line 2.	Y (in core)		Y				Goddess, seated, knees up, with covered legs and arms, with the head of a lion/lioness, holding a tie or strap, used with sandals (ankh-sign, S34), angling forward.	Classifier leonid divinity (female) (bAs.tt)					
F0CBE	Y/i	KIU 2288, line 4.	Y (v5.2)		Y				Goddess, seated, knees up, with covered legs and arms, with the head of a lion/lioness, with N6 (The sun, encircled by a cobra (Naja haja), standing up, with expanded hood (Uraeus)) on her	Logogram sxm.t (Sekhmet)	The uraeus is not clearly visible.				
F0CBF	Y/i	Edfu VIII, 88,10, Bartels photo 0113.	Y (in core)		Y				Goddess, seated, knees up, with covered legs and arms, with the head of a lion/lioness, with N6 (The sun, encircled by a cobra (Naja haja), standing up, with expanded hood (Uraeus)) on her head, holding a stem of papyrus	Classifier leonid divinity (female) (sxm.t)	Uraeus could be more clearly visible, but seems to be there.				
F0CC0	Y/i	TSL	Y (in core)		Y				Goddess, seated, knees up, with covered legs and arms, with the head of a lion/lioness, with a plan of a crossroads in a village (O49) on her head, holding a stem of papyrus with a bud (M13).	Logogram niw.t (city, village).					
F0CC1			N (auto)		N						No sources given.				
F0CC2			N (auto)		N						No sources given.				
F0CC3	Y/f	OIP 8, medinet Habu I, pl. 46, col. 3.	Y (in core)		Y				knees up, with covered legs and arms, with the head of a lion/lioness, with N6 (The sun, encircled by a cobra (Naja haja), standing up, with expanded hood (Uraeus)) on her head, holding a tie or strap, used with sandals (ankh-sign, S34), angled forwards.	Logogram sxm.t (Sekhmet)	Found and verified by Peter Dils.			Yes	
F0CC4	Y/i	Dendera Porte d'Hathor, p. 30,7, p. 99.	Y (in core)		Y				Goddess, seated, knees up, with covered legs and arms, with the head of a lion/lioness, with N6 (The sun, encircled by a cobra (Naja haja), standing up, with expanded hood (Uraeus)) on her head, holding a holding a stem of papyrus with a bud (M131) or flower	Classifier leonid divinity (female) (sxm.t)					
F0CD2	Y/i	Esna VII 631,12, p. 224,4	Y (in core)		Y				Goddess, seated, knees up, with covered legs and arms, with the head of a lion/lioness, with a sun disk (N5) on her head, holding a holding a stem of papyrus with a bud (M131) or flower vertically.	Classifier leonid divinity (female) (mnHy.t)	F0CC4 (C165E) without uraeus around the sun. Verified by Peter Dils.		like C165E but w/o urae		
F0CC5			Y (>=D,JSeh/HG)		N						I could not verify the JH-D tokens with an image (Dendera XIII, p. 43,5; 45,4; 45,6).				
F0CC6			N (auto)		N						JH-D tokens (Dendera XIII, p. 131,6 could not be verified with an image, Dendera XIV,23,15, commentaire pl. VIII, my image is too poor, but the H8 can be seen, so it does not seem unlikely.				
F0CD3			N (auto)		N						JH-E token (Esna VII 583,13, p. 98,3, verified by Peter Dils) has a sun disk, not a basket/diadem.				
F0CC7			Y (manual)	Y	N						token is KIU 2288, line 4, which is F0CCF (C166). The other valeurs token, Edfu III, p. 238,13 could not be verified with an image. *Added manually to the full list for backwards compatibility.*			Yes/No	
F0CC8			N (auto)		N						Not supported.				
F0CC9			N (auto)		N						No sources given.				
F0CCA			N (auto)		N						Not supported.				
F0CCB	Y/i	Dendera VI, p. 39,14, pl. CCCCLXXXVII.	Y (in core)		Y				Goddess, seated, knees up, with covered legs and arms, with the head of a lion/lioness, holding a stem of papyrus with a bud (M13); on top of a stairway (O40).	Logogram Hr.yt-xnd.w (she who is on the throne/stairs (Bastet).					

Index	Catalog	Glyph	G-2021	UCS	Priority	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val b1;ast;ibt;zbyt	Weight	Vols	Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP
F0CCC	C-36-031				C			C171A	C171A			C171J	1				1					48;4	85;4		1;99						3	1	1			1	C;1297		9									
F0CCD	C-36-032				D			C171	C171			C171	1				1					48;4	85;6	157;4	1;99						1							6				Karnak example does not have feathers, but rather an Uraeus on its head, like C166. However, the coiled tail of the Uraeus in C166 is not written in this token (variant?)						
F0CCE	C-36-033				F			D6400		D6400											C171B									1						2									
F0CD5	C-36-034				F			E5094		E5094											C171C										1					2									
F0CCF	C-36-035				C			C166	C166			C166	4			2	2																			2		Y/URAEUS	DIFF	Note that in most attestations, the coiled tail of the Uraeus is not clearly written.					
F0CD8	C-36-036							C166x													C166B															1									
F0CDD	C-36-037							C172	C172			C172																																		
F0CD1	C-36-038							C273	C273			C273																																		
F0CD9	C-36-039							E50073A																																						
F0CD4	C-36-040				F			E5073		E5073											C353										1					2									
F0CD6	C-36-041				F			HA0703													C354											1				2									
F0CD7	C-36-042				F			HA3312													C355											1				3									
C37. Maat																																														
F0CE0	C-37-001				F			C10x															85;9													C;1019	ax;ast* i;ast*i	2									
F0CE1	C-37-002			13066	A			C10	C10			C10	271		30	82	159	1_1252_00	C10	C010	35;1	85;7	155;6	1;85		C;2900		815;2		21			1	4	C;1021	ast*i;z	16									
F0CE3	C-37-003				B			C10B	C10B			C10B	3			1	2						85;13								22			1		C;1029	ast*i	6		Y		Only in facsimile (Epigraphic survey).					
F0CE4	C-37-004				F			C10Ax															85;14													C;1037	ax;ast*;ast*i	2									
F0CE5	C-37-005			13067	A			C10A	C10A			C10A	119		15	103	1	1_1252_01	C10*	C010A	35;1	86;1				C;2800				1					C;1035		11									

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
								Goddess, seated, knees up, with covered legs and arms, with the head of a lion/lioness, with two feathers (H6) on her head, forming a v shape, holding a stem of papyrus with a bud (M13)						
Y/i	KIU 5719, line 1, image 174308, near the end.	Y (in core)		Y					Logogram StA (to be hidden).					
										Verified by Peter Dils. Karnak token is the redrawn form of F0CCF (C166); JH-D token (Dendera XIV, p. 50,7) could not be verified with an image. The only					
								Goddess, seated, knees up, with covered legs and arms, with the head of a lion/lioness, with two feathers (H6) on her head, forming a v shape.		Cauville/Kurth token I could verify with an image (Edfu I, p. 335,4, Edfu XV, pl. 6b) is not clear enough to say if the figure with the two feathers has a human or lion head.				
Y/i	Edfu I, 335,4.	Y (in core)		Y					Classifier hidden (StA).			Yes		
								ɯɔɔnnn, sɯɔnn, knees up, with covered legs and arms, with the head of a lion/lioness, with two feathers (H6) on her head, forming a v shape, holding a sceptre with a straight shaft, topped with the head of the Seth animal						
Y/i	Dendera XV, p. 264,7	Y (in core)		Y					Logogram StA (to be hidden).	Verified by Peter Dils. Note that the Ptolemaic form which depicts legs is technically used here.				
								ɯɔɔnnn, sɯɔnn, knees up, with covered legs and arms, with the head of a lion/lioness, with a feather (H6) on her head, holding a sceptre with a straight shaft, topped with the head of the Seth animal						
Y/i	Esna VII 586,00, p. 105,5	Y (in core)		Y					Classifier divinity (mA-anx)?	Verified by Peter Dils. Function is a guess.				
										Redrawn into F0CDB. (All Karnak variants occur without the coiled tail. Redraw to only include the uraeus on top of the head (i.e., not forehead).)				
		N (manual)	N	N										
								Goddess, seated, knees up, with covered legs and arms, with the head of a lion/lioness, with the head of a cobra on her head.						
Y/i	KIU 7940, line 2, image 193827.	Y (in core)		Y					Classifier leonid divinity (female) (sxm.t)			redraw of C166		
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
								ɯɔɔnnn, stanɑng, with the head of a lion/lioness, arms hanging on either side of the body, handpalms towards the back.						
Y/i	KIU 1127, lin 15.	Y (in core)		Y					Classifier leonid divinity (female) (bAs.t)	found and verified by Peter Dils.		Additional row.		
								with the head of a lion/lioness, with N5 (The sun, encircled by a cobra (Naja haje), standing up, with expanded hood (Uraeus)) on her head, right arm raised in front, hand at the hight of the face, handpalm outwards, left arm hanging beside the body.						
Y/i	Esna VII 586,00, p. 104,9	Y (in core)		Y					Logogram i (vocative interjection).	Verified by Peter Dils. Difficult to see, but seems to be there. Function is a guess.				
								with the head of a lion/lioness, with N5 (The sun, encircled by a cobra (Naja haje), standing up, with expanded hood (Uraeus)) on her head, right arm forward, hand at the hight of the waist, holding a stem of papyrus with a bud (M131) or flower, of the hight of the woman, vertically, left arm hanging beside the body, holding a tie or strap, used with sandals (anH-wgn, S34), at the loop.						
Y/i	Dendera, Porte d'Hathor, p. 1,5, p. 69.	Y (in core)		Y					Logogram sA.t-ra (daughter of Re).			Hator 1,5		
								God, standing, with the head of a lion,, right arm extended forward, right hand at the hight of the shoulder, holding a sealed perfume jar with handles, and strings (W27), left arm forward, hand at the hight of the waist, holding a sealed ointment jar without ties (W2)						
Y/i?	Dendera, Porte d'Hathor, p. 23,5, p. 92.	Y (in core)		Y					Phonemogram 5ms	Seems to be there, but I cannot say with complete certainty the vessels are correct. (see Cauville, commentary, p. 118 for an explanation).		Hathor 23,5	Yes	
		N (manual)	N	N						Duplicat of F0CE1.				
								Goddess, seated, knees up, with covered legs and arms, with a cloth band around her head, with a feather (H6) on her head.						
Y/i	TSL	Y (v5.2)		Y					Logogram mAa.t (Maat).					
								Goddess, seated, knees up, with covered legs and arms, with a cloth band around her head, with a feather (H6) on her head, holding a stem of papyrus with a bud (M131) or flower vertically.						
Y/i	KIU 9088, line 4	Y (in core)		Y					Logogram mAa.t (Maat).					
		N (manual)	N	N						Duplicate of F0CE1 (C10A).		variant of C10A		
								Goddess, seated, knees up, with covered legs and arms, with a cloth band around her head, with a feather (H6) on her head, holding a tie or strap, used with sandals (anH-wgn, S34), angling forward.						
Y/i	TSL	Y (v5.2)		Y					Logogram mAa.t (Maat).					

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val Weight	Vots	Comment DW	Vote DW Core (2021)	DW differentiality	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiality	Comment SP
F0CF3	C-37-020			A			C177	C177			C177	**157**			157						86;11		1;85b												wsr.nsf?	3		Y	DIFF	I cannot say with certainty if the ankh is there. A majority of the attestations in Karnak actually use a variation of this sign (KU 686), where the ankh is held upright (F0CF2)					
F0CF4	C-37-021			F			C178	C178			C178										86;12													C;1049		2									
F0CF5	C-37-022			C			C178A	C178A			C178/	**4**			2	2																		rwt.dl.mf?	2		Y								
F0CF6	C-37-023			D			C179	C179			C179	**1**			1						86;13	156;7												C;1041		4									
F0CF7	C-37-024			C			C174	C174			C174										86;14		1;85e							1			1	C;1025		5									
F0CF8	C-37-025						C300	C300			C300																																			
C38. Meret																																				mr?/;mrt;mh											
F0D10	C-38-001			F			C180y														87;1													C;1057		2									
F0D11	C-38-002			B			C180	C180				**7**			5	2			48;5			155;45	1;86							28				C;1059	mrt	7	Y	DIFF							
F0D18	C-38-003						C180x				C180								C180		87;2	155;45	1;86												mrt	4									
F0D12	C-38-004			D			C276	C276			C276										87;3									2		1		C;1061		4									
F0D1C	C-38-005						C276A																																						
F0D13	C-38-006			F			C254	C254			C254	**1**			1																				mrt	1				I TLA token is actually a female form of C18C, see Edfu VIII,68,6, photo 0095) Note that the TLA beleg has a G17 before this sign which does not occur in the text. karnak exampse seems to have two arms (although one line might be an error), and has one knee raised (see image, KU 626, line 34)					
F0D14	C-38-007			D			C180A	C180A			C180/	**1**			1				48;5	87;5	155;45	1;86							1					B;7		7									
F0D15	C-38-008			B			C180B	C180B			C180I																			18		1				2									
F0D16	C-38-009			D			C180C	C180C			C180X															C;3300				2						2									
F0ACE	C-38-010			C			DE386		DE386																					7						1									

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
								Goddess, seated on a block throne, with a cloth band around her head, with a feather (H6) on her head, right arm forward, hand at the hight of the waist, holding the head and neck of a canine animal (F12) of the length of the figure, vertically, left arm forward, hand on the knee, holding a tie or strap, used with sandals (*ankh-sign*, S34), horizontally at the loop.	Logogram *wsr-mAa.t* (in name Ramses II).	I cannot fully prove the ankh in this token. Most Karnak attestations use a variant with an upright ankh. Valeurs token reners to Loret, i.e., there is no source.		inverted	Yes	
Y(/)	KIU 7382, image 169428	Y (in core)		Y								inverted		
		N (auto)		N										
Y(/)	KIU 658, line 1	Y (in core)		Y				Goddess, standing, with a cloth band around her head, with a feather (H6) on her head, right arm forward, hand at the hight of the waist, holding the head and neck of a canine animal (F12) of the length of the figure, left arm hanging beside the body.	Logogram *wsr-mAa.t* (in name Ramses II).					
Y(/)	Edfu VIII, 111,7, Bartels phot 0151 (bottom bandeau soubassement, leftmost section).	Y (in core)		Y				Goddess, seated, knees up, with covered legs and arms, with a cloth band around her head, with a feather (H6) on her head, holding a feather (H6), vertically; on top of a gateway (O32B), with a conical loaf of bread (X8) written	Logogram *rw.t-dI(.t)-mAa.t* (Gate which gives truth).	Verified with image from Philipp Seyr.				
Y(/)	Esna VII 565,09, p. 49,12	Y (in core)		Y				Goddess, seated, knees up, with covered legs and arms, with two feathers (H8) on her head, in a v shape, holding a stem of papyrus with a bud (M13).	Logogram *SrA* (to be hidden).	Valeurs token (Edfu I, p. 414,11) could not be verified with an image, but is F0D18 (C182) in the transcription there; Edfu IV, p. 102,17 (Reymond, ZAS 96, p. 36) is more like C328; Junker, Gram. Dendera, p. 185 is F0D12 (C276). Valeurs token (Edfu V, p. 332,9) could not be verified with an image; Valeurs token (A14C 40 (Dniston) p. 388, nr. 6 holds a feather, not the stem of	same as valphon C;1299	Yes	
		N (auto)		N						No sources given.				
										Valeurs token (Edfu I, p. 414,11) could not be verified with an image, but is F0D18 (C182) in the transcription there; Edfu IV, p. 102,17 (Reymond, ZAS 96, p. 36) is more like C328; Junker, Gram. Dendera, p. 185 is F0D12 (C276). redrawn into *rwa.us.* (in Karnak and in Dendera, the feet are flat on the ground, not raised on the toes. (which is the hash form as well, on toes seems to originate from Hieroglyphica).				
		N (auto)		N										
		N (manual)	N	N		F0D1B								
Y(/)	Dendera XI, p. 302,2, pl. 77 (krand).	Y (in core)		Y				Goddess, seated, both knees down, with long hair, with a clump of three papyrus flowers (M16A) on her head, arms raised in front, hand horizontally at the hight of the shoulder, hand	Logogram *mr.t* (Meret).			redraw of C18D (F0D11)		
Y(/)	KIU 666, line 16	Y (in core)		Y				Goddess, seated, both knees down, with long hair, with a clump of three papyrus flowers, with two buds bent down (M15) on her head, arms raised in front, hand horizontally at the hight of the shoulder, hand palm up.	Classifier divinity (*mr.t*).	M15 on head, rather than M16 (F0D11 (C18D)).				
Y(/)	OIP 83, Medinet habu V, pl. 257.B, between the king and the standing goddess.	Y (in core)		Y				Goddess, seated, one knee raised, with long hair, with a clump of three papyrus flowers, with two buds bent down (M15) on her head, arms raised in front, hand horizontally at the hight of the shoulder, hand palm up.	Classifier divinity (*mr.t*).	Found and verified by Peter Dils. F0D12 with one knee raised.			Additional row	
		N (auto)		N						Not supported.				
		N (manual)	N	N		F0713				Duplicate of F0713 (B65).				
Y(/)	Dendera Porte d'Hathor, p. 31,10, p. 119, left image.	Y (in core)		Y				Goddess, seated, both knees down, with long hair, with a clump of three papyrus flowers (M16A) on her head, both arm raised in front, handpalms	Classifier divinity/musician (*nb.tyw*).	X, p. 395,11, pl. 266; Dendera XV, p. 49,5) could not be recognised or verified with an image. H&S token refers to WB II, 170, (*mr.t*) for which the TLA slips do not show this sign (majority where F0D11 (C18D), the closest still had both knees down). I could not verify any JH-D token with an image (Dendera XV, p. 258,11; 310,9; 311,7; 312,9; 313,5; 314,8; 315.5)			
		Y (n=0,JSeh/WG)		N										
		N (auto)		N										

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | VP Val ValPhor | Weight | Vols | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index C40. Neith | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | VP Val Hator | Horus | K-Omb | Athribi | ValPhor | Weleti | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sig	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F0D8A	C-42-011				F			C194	C194			C194	1			1						89;7													C;1165		3
F0D8B	C-42-012							C193A	C193A			C193/										89;6	156;12												C;1167		3
F0D8C	C-42-013							C225	C225			C225										92;12													C;1257		2
F0E1C	C-42-014							C225x														92;12													C;1257		2
C43. Nout																																					
																																			n		
F0DA0	C-43-001				B			C195B	C195B			C195I	**2**			2					49;5	89;8	156;4						25		3		2	C;1265	*pr;n;mn;t;mn!*	8
F0DA1	C-43-002				B			C195	C195			C195									89;10		1;95						16		2	1	1	C;1261		7
F0DA2	C-43-003							C195C													89;11													C;1263		2
F0DA3	C-43-004				C			C195A	C195A			C195/									49;5								3			1	1			4
F0DA4	C-43-005				F			C195C	C195C																				1						*pr*		1
F0DA5	C-43-006				E			C196	C196			C196									49;6	89;12	1;95a											C;1269		4
F0DA6	C-43-007				F			C196A	C196A			C196/										92;11													C;1267	*wnm!*	2
F0E1B	C-43-008				F			C196Ax											C196B																*n;ahm!*		1
F0DA7	C-43-009				F			C197	C197			C197									49;7	89;13												C;1151		3
F0DA8	C-43-010							C197A	C197A			C197/										89;14													C;1149		3
F0D8E	C-43-011							C197C																												*spab*	
F0DA9	C-43-012				F			C197B														89;15													C;1073	*gb*	2
F0DAA	C-43-013				F			C199B														90;1													C;1003	*p;pr;ghr*	2
F0DAB	C-43-014				B			C199	C199			C199	**3**			2	1				49;8	90;3	156;15	1;83				815;15		9		2	2	5	C;1001		12
F0DAC	C-43-015				B			C199A	C199A			C199/	**18**			18					50;1		156;14						25			1	1			6
F0DAD	C-43-016				F	S		C200	C200			C200										90;5		1;84a											C;1005	*pr*	3
F0DAE	C-43-017				B	S		C201	C201			C201	**15**			15					50;1	90;6							12	2	1		1	C;1009		8
F0DAF	C-43-018				B	S		C201A		C201A																			9	1	1				*pr rt*		3
F0D8D	C-43-019				C	S		C203	C203			C203										90;7		1;84b						3					C;1007		4

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
		N (auto)		N						Not supported.				
		N (auto)		N						No sources given.		part		
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.		dup of C225		
								Goddess, seated, knees up, with covered legs and arms, with round vessel with upstanding rim (W24) on her head, holding a stem of papyrus with a bud (M131) or flower vertically.	Logogram p.t (the heavens/sky).					
Y/i	Dendera VI, 108,5, pl. DLIV.	Y (in core)		Y										
								Goddess, seated, knees up, with covered legs and arms, with round vessel with upstanding rim (W24) on her head, holding a stem of papyrus with a bud (M13).	Logogram p.t (the heavens/sky).					
Y/i	Dendera Porte d'Hathor, p. 1,5, p. 69 (top image).	Y (in core)		Y										
		N (auto)		N						FODA0 (C195B) with uraeus. No sources given.				
								Goddess, seated, knees up, with covered legs and arms, with round vessel with upstanding rim (W24) on her head.	Phonemogram n	Verified with image of Philipp Seyr.				
Y/i	Edfu IV, p. 12,7	Y (in core)		Y										
		N (auto)		N						an-u taxen (uenzera XIII, p. 202,12) could not be verified with an image.				
								Goddess, standing, with round vessel with upstanding rim (W24) on her head, right arm forward, hand at the hight of the waist, holding a stem of papyrus with a bud (M131) or flower, of the hight of the woman, vertically, left arm hanging beside the body, holding a tie or strap, used with sandals (anih-sign, S34), at the loop.	Logogram p.t (the heavens/sky).	Verified with image of Philipp Seyr.				
Y/i	Edfu VI, p. 12,4	Y (in core)		Y										
		N (auto)		N						No sources given.				
	Daumas, Mammisi Dendera, p. 253,16, pl. L,8.	Y (in core)		Y				Goddess, standing, with a circle on her head, arms hanging beside either side of the body.	Logogram wnw.t (hour).	Seems to be there. However, the image is not great, and I wonder if this is not intended to be the variant from FODF1 (C211), with N15 instead of N14 on the head.		dup of C196A	Yes	
Y/i?										Cauwse source (Dendera V, 54,1) is actually lion headed (already in TSL).				
		N (auto)		N						Valeurs refers to this source as well.				
								Goddess, seated, knees up, with covered legs and arms, with a plan of a crossroads in a village (O49) on her head, holding a sceptre with a straight shaft, topped with the head of the Seth animal vertically.	Logogram niw.t (city, village).	Verified by Peter Dils. Kurth tokens are either the source of FODA7 (i.e., which turned out to be lion headed), or cannot be verified with an image (Edfu IV, p. 11,13), which does not have a wAs sceptre in the transcription.				
Y/i	Edfu IV, p. 14,5.	Y (in core)		Y										Yes
								Goddess, seated, knees up, with covered legs and arms, with a plan of a crossroads in a village (O49) on her head.	Logogram niw.t (city, village).	Found and verified by Peter Dils. FODA7 (C197) holding nothing.				
Y/i	Edfu IV, p. 11,13.	Y (in core)		Y									Additional row.	
		N (auto)		N						w, p. aua;ŋ ɔuua not be verified with an image.				
										Valeurs refers to Brugsch grammar, i.e., no sources (beside basically being identical to FODAB (C199).				
		N (auto)		N										
								Goddess, standing, back horizontal, arms vertical, hands at the same hight as the toes, head between the two arms.	loggogram gb.t (the sky).			part		
Y/i	KIU 3670, line 3; Dendera XII, p. 188,9, pl. 172 (bandeau).	Y (in core)		Y										
								Goddess, standing, back horizontal, arms vertical, hands at the same hight as the toes.	Logogram p.t (the heavens/sky).					
Y/i	Edfu VII, 96,6-7, Bartels, photo (wall) 378.	Y (in core)		Y										
Y/i	Edfu IV, p. 11,1	N (manual)	N	N					Logogram Htr.t (the heavens/sky).	Kurth/Valeurs token, Verified by Peter Dils. Edfu IV, p. 11,3 could not be verified with an image, and Chassinat mentions that the head of the supporting sign is damaged.				
								Goddess, standing, back horizontal, arms vertical, hands at the same hight as the toes, with a half-loaf of bread written between the arms and legs.	Logogram p.t (the heavens/sky).	Insertion. Note that with this token the land written after it is technically connected. KIU 5649, line 2 has a variant with a line coming from the head (forward hanging hair?).				
Y/i	Dendera Porte d'Hathor, p. 1,9, p. 69	N (manual)	N	N										
								Goddess, standing, back horizontal, arms vertical, hands at the same hight as the toes, head between the two arms, with a half-loaf of bread written between the arms and legs.	Logogram p.t (the heavens/sky).	Insertion				
Y/i	Dendera Porte d'Hathor, p. 46,3, p. 112.	N (manual)	N	N										
								Goddess, standing, back horizontal, arms vertical, hands at the same hight as the toes, with a dung beetle (scarab, L1) on top of a tongue of land (N21), written between the arms and legs.	Logogram p.t tA (the sky and land).	Insertion. Verified by Peter Dils.				
Y/i	Dendera Mam. P. 181,12; 187,17	N (manual)	N	N										

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caziv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vols | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
																																					xA1t	
F0DE3	C-45-005				D			C207	C207			C207									50;2	90;14									1					C;1253		4
																																			xA1t		
F0DE4	C-45-006				E			C208	C208			C208										91;1			C;4501										C;1255		3
																																			pd:ktr		
F0DE5	C-45-007				C			C209	C209			C209	2			2					50;3	91;2	156;11	1;39											A;1011		6
C46. Sothis																																					
F0DF0	C-46-001							C210	C210			C210										91;3													C;1211		2
																																			sh:t:pr,dl:t,gb		
F0DF1	C-46-002				E			C211	C211			C211										91;4		1;87											C;1075		3
F0DF2	C-46-003				D			C198	C198			C198										89;15	156;5	1;87a						1							4
C47. Goddesses; Varia																																					
																																			nbt		
F0E0D	C-47-001				D			C231	C231			C231										91;5		1;98	C;2700										C;1287		4
F0C9F	C-47-002				F			HAA715											C352												1					2
F0E01	C-47-003							C213	C213			C213										91;6													C;1017		2
F0E02	C-47-004							C214A	C214A			C214V										91;7													C;1197		2
																																			wpa		
F0E03	C-47-005				F			C214	C214			C214										91;8		1;94b											C;1195		3
F0E04	C-47-006							C212	C212			C212										91;9													B;89		2
F0E3C	C-47-007				F			E5097		E5097																				1							1
F0E05	C-47-008							C215	C215			C215										91;10															1
F0E06	C-47-009				F			C215B		C215B																				1							1
																																			ityt		
F0786	C-47-010				B			B8D	B8D			B8D																		51	3			B;183		3
F0E07	C-47-011				B			B8DA	B8DA			B8DA	1			1					32;6	91;11	155;13	1;54d						19	3			C;1247		8

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)	Vots	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
								wosesss, standing, with a flower enclosed by two horns (R20) on her head, right arm forward, hand at the hight of the waist, holding a stem of papyrus with a bud (M131) or flower, of the hight of the woman, vertically, left arm hanging beside the															
Y;I	Dendera XV, p. 215,11, BIFAO 90 (Cauville), pl. III.	Y (in core)		Y				wosesss, standing, with a flower enclosed by two horns (R20) on her head, right arm forward, hand at the hight of the waist, holding a club, angled forward, with the head of the club on top a vertical stick held by the left	Logogram sSA:t (Seshat).	It could be argued there is a ankh in the left hand of the token.													
Y;I	ASAE 40 (Drioton), p. 355, nr. 104.	Y (in core)		Y				Goddess, standing, with a flower enclosed by two horns (R20) on her head, right arm forward, hand at the hight of the waist, holding a club, angled forward, with the head of the club on top a vertical stick held by the left hand, facing a god, standing, with a long curved beard, wearing the Atef crown with horns, right arm forward, hand at the hight of the waist, holding a club, angled forward, with the head of the club on top a vertical stick held by the left hand, both sticks	Logogram sSA:t (Seshat).													
Y;I	Dendera XII, p. 186,4, pl. 175 (bandeau). Edfu VII, 7,8, Bartels photo (wall) 303	Y (in core)		Y				Goddess, standing, with a headdress consisting of two feathers on rams horns (S77) on her head, right arm forward, hand at the hight of the waist, holding stick	Logogram pD-Sr (stretching the rope).	Edfu form is technically slightly different, by holding both hands to the club, and having multiple horizontal lines between the vertical sticks.													
		N (auto)		N						No sources given.														
Y;I	Edfu V, p. 4,3.	Y (in core)		Y				Goddess, standing, with a star (N14) on her head, both arms hanging beside the body.	Phonemogram sbA.	Verified with image of Philipp Seyr. Kurth/Valeurs token, Dendera XII, p. 184,10, pl. 110 (BIFAO 90 (Cauville), pl. 2), is a variant with a N35 on the head, instead of a N14. Valeurs token (ASAE 40 (Drioton), p. 362) holds a wAs sceptre and an ankh sign.													
		Y (in core)		N						sm-t: token (Dendera XIV, p. 146,7) could not be verified with an image. Kurth token (Edfu VI, 302,6) could not be verified with an image.													
Y;I	KIU 5411, line 15.	Y (in core)		Y				Goddess, seated, knees up, with covered arms and legs, with the head of a bovid. Goddess, standing, with the head of a bovid, right arm forward, hand at the hight of the waist, holding a stem of papyrus with a bud (M131) or flower, of the hight of the woman, vertically, left arm hanging beside the body, holding a tie or strap, used with sandals (ankh-sign, S34), at the loop.	Classifier Bovid divinity (HsA:t).	Other bovid headed figures in Category C05 Apis and bull head gods. **Move sign to category C47. Goddesses; varia, after F0E00 (C231). Redrawn in place.** (Redraw sign as bovid head with horns, not a bovid head with Hathor crown. (there is no sundisk between the horns, but do not only remove the sundisk, as the horns should be part of the head (i.e., see F0BE4 (C280) for the male													
Y;I	Dendera, Porte d'Hathor, p. 34,13, p. 103.	Y (in core)		Y					Logogram/phonogram nb (lord).			Hathor 34,3; redrawn in place	Move											
		N (auto)		N						No sources given.														
		N (auto)		N						No sources given.														
Y;I	Edfu IV, p. 11,6	Y/It (in core)		Y/It				Goddess, seated, knees up, with covered arms and legs, with the pole of a balance, resembling a column with a base, with a tenon at the top (D28B), with a plummet resembling a heart (F34) hanging from the cross-beam (U39N) on her head.	Logogram wTs:t (the throne (Edfu)).	Verified by Peter Dils. Redraw sign, making the U39N on the head a bit larger, to make it more recognisable. Kurth/Valeurs token (Edfu IV, p. 11,6) could not be verified with an image.			Redraw in place												
		N (auto)		N						No sources given.														
		N (auto)		N						sm-t: token (Dendera VI 586,00, p. 105,7, verified by Peter Dils) seems to hold something in the hand, but I would not call it F0E05 (C215) completely.													
		N (auto)		N						No sources given.														
		N (auto)		N						sm-t: token (Dendera XIV, p. 49,6) could not be verified with an image.														
Y;I	Dendera Porte d'Isis, p. 65,9, pl. 68 (bandeau).	Y (in core)		Y				wosesss, standing, with a headdress consisting of two feathers on rams horns (S77) on her head, right arm forward, hand at the hight of the waist, holding a stem of papyrus with a bud (M131) or flower, of the hight of the woman, vertically, left arm hanging beside the	Logogram it:yt (sovereign).													
Y;I	Dendera Porte d'Hathor, p. 41,17, p. 109 (bandeau)	Y (in core)		Y				Goddess, standing, with a headdress consisting of two feathers on rams horns (S77) on her head, right arm forward, hand at the hight of the waist, holding stick of the hight of the woman, vertically, left arm hanging beside the body.	Logogram it:yt (sovereign).	It could be argued there is a sundisk between the feathers in the token.													

Token is not really visible (Edfu VII, 67,7, photo (wall) 288). Moreover, the position of the sign in the column makes me wonder if there was not a sign in front of it which was not covered in Chassinat, which puts reading this sign in doubt as well.

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikr	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
FOE15	C-47-035							C237m													92,5															C;563		2
FOE22	C-47-036							C218	C218			C218													C;3000												*h'n-mhyt-ỉ;h'r*	1
FOE16	C-47-037				D			C218A	C218A			C218/									50;4	92,6		1;85c						1						C;1055	*n;h'*	5
FOE17	C-47-038				C			C235	C235			C235	3			3						92;7					816;4									C;553	*ḥsmw*	4
FOE18	C-47-039				B			C141	C141			C141									45;10	57;4	156/50	1;82a						15						C;557		6
FOE33	C-47-040							C235A	C235A			C235/																										
FOE19	C-47-041							C217	C217			C217										92;8			C;4300											C;1027		3
FOE1A	C-47-042							C221														92;10														B;101		2
FOE28	C-47-043							C221x	C221			C221																										
FOE29	C-47-044							C221A	C221A			C221/																										
FOE1F	C-47-045				F			C255	C255			C255										50;7								1								2
FOE20	C-47-046				D			C277	C277			C277										52;4		1;101			816;5			1								4
FOE21	C-47-047							C181	C181			C181													B;0404														1
FOE23	C-47-048							C278	C278			C278													C;4400														1
FOE24	C-47-049							C298	C298			C298													C;3150														1
FOE26	C-47-050							C182B	C182B			C182/																										
FOE27	C-47-051							C219	C219			C219																										
FOE2A	C-47-052							C222	C222			C222																										
FOE2B	C-47-053				E			C222A	C222A			C222/	1			1															1								2
FOE2C	C-47-054							C222B	C222B			C222/													C;3700														1
FOE2D	C-47-055							C244	C244			C244																										
FOE31	C-47-056							C227	C227			C227																										
FOE32	C-47-057							C229	C229			C229															1427;7	816;3											2
FOE35	C-47-058				F			C255A	C255A			C255/																								1		1
FOE36	C-47-059				F			C255B	C255B			C255/																		1								1
FOE37	C-47-060				D			C255C	C255C			C255/																		1		1			1			3

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
		N (auto)		N						No source given.				
Y/i	Stockholm NME 077, front, top line.	Y (in core)		Y				Goddess, seated, knees up, with covered arms and legs, with long hair, with a fish, with its tail orientated downwards (M4A) on her head. ⱳɔɔsnn, sexten, knees up, with covered arms and legs, with long hair, with a fish, with its tail orientated downwards (M4A) on her head, holding a stem of papyrus with a bud (M131) or flower	Logogram HA.t-mit.yt	Image from https://collections.umvik.se/carlotta-mhm/web/object/3077740. **Moved** (Move in front of FOE16.)	moved		
Y/i/?	Dendera X, p. 54,10, pl. 31, col. 34.	Y (in core)		Y					Classifier divinity (HA.t-mit.yt).	Difficult to make out, but based on the iconography I find it likely it is there.				
Y/i	Munich GI. WAF 35, line 8 (list of divinities).	Y (in core)		Y				Goddess, seated, knees up, with covered arms and legs, with the head of a frog.	Classifier Hekat (Hq.t).					
Y/i	Dendera VI, 58,1, pl. DVIII (bandeau).	Y (in core)		Y				Goddess, seated, knees up, with covered arms and legs, with the head of a frog, holding a sceptre with a straight shaft, topped with the head of the Seth animal vertically.	Logogram kk.w (Kekw).	Function is uncertain.		part		
		N (auto)		N						No sources given.				
Y/i	Arnold, AVDAIK 53, pl. 39,b, bottom column. (Pyramidion Amenemhat III).	Y (in core)		Y				ⱳɔɔsnn, sexten, knees up, with covered arms and legs, with a feather (H6) angled forwards and a falcon (G5) on her head, holding a feather (H6)	Logogram imn.t (the west).					
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.		duplicate of C221		
		N (auto)		N						No sources given.				
Y/i	Dendera X, p. 417,11, pl. 273, line 135.	N (manual)	N	W				Goddess, seated, knees up, with covered arms and legs, with a sun disk (N5) on her head, holding a stem of papyrus with a bud (M13).	Classifier divinity (Hw.t).	Seems to be there, but not perfectly visible (so might be FOE37 (C255C) instead.			No/wait	
	Dendera X, p. 400,7, pl. 266, right image, 4th col from right (4th sign).	Y (in core)		Y				Goddess, seated, knees up, with covered arms and legs, with a scorpion (I19) on her head, holding a stem of papyrus with a bud (M13).	Logogram srq.t (Serqet).	Difficult to see, but seems to be there.		selkis		
		N (auto)		N						H&S token is kneeling (i.e., variant of F07F6 (83C) without the vertical lines.				
Y/i	ASAE 40 (Drioton), p. 312, nr. 11	Y (in core)		Y				knees up, with covered arms and legs, with long hair, with a sceptre with a straight shaft, a forked base, topped with the head of the Seth animal, with a fillet and feather (R19), on top of a canal (N36) on her head, holding a tie or strap, used with sandals (anih-sign, S34), angling forward.	Logogram wAs.t (Thebes).	A more elaborate form occurs in Kuentz, Louvor. la face sud, pl. XXI, bandeau.				
Y/i	ASAE 40 (Drioton), p. 351, nr. 85.	Y (in core)		Y				with a palm branch, stripped of leaves and notched on her head (M4), notch forward, right arm forward, hand at the hight of the waist, holding a stem of papyrus with a bud (M131) or flower, of the hight of the woman, vertically, left arm hanging beside the body.	Phonemogram r.					
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
	In Zivie-Choche (Tanis 3), p. 270-271, col. 9 (cartouche), the sign should be read as C9A, although without uraeus.	N (auto)		N						JH-E token (Esna VII 603,12, p. 147,3, verified by Peter Dils) is functionally considered male, rather than female (iwn-Hwa/satt).				
Y/i	Atlas II, pl. 185 (better sign likely occurs in Goelet/Iskander Ramses II, but I have currently no acces to that publication).	Y (in core)		Y				Goddess, seated, knees up, with covered arms and legs, with long hair, with a crescent moon with the entire moon disk (N22) on her head.	Logogram iaH (moon)?	Kitchen (KRI II, p. 532,8, annotations p. 342) took this sign as DHwty (Tot!) instead.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
Y/i	Davies, Deir el-Gebrawi II, pl. V	Y (in core)		Y				womanygoosess, standing, right arm forward, hand at the hight of the waist, holding a duck or goose at the wings, left arm hanging beside the	Classifier sx.t (Sekhet, goddes of the marshlands).	Likely occurs in ACEr 32 as well, but I have currently no acces to that publication.				
		N (auto)		N						No sources given.				
Y/i	Dendera X, p. 288,A, pl. 168, col 18.	Y (in core)		Y				ⱳɔɔsnn, sexten, knees up, with covered arms and legs, with long hair, with Nö (The sun, encircled by a cobra (Naja haje), standing up, with expanded hood (Uraeus)) on her	Classifier divinity (Dd.t)					
Y/i	Dendera Porte d'Horus, p. 15,16, p. 99 (bandeau).	Y (in core)		Y				ⱳɔɔsnn, sexten, knees up, with covered arms and legs, with long hair, with Nö (The sun, encircled by a cobra (Naja haje), standing up, with expanded hood (Uraeus)) on her head, holding a stem of papyrus	Classifier divinity (wr.t-SA.t).					

| Index | Catalog | Glyph | G-2021 | UCS | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Value | Weight | Vols | Comment DW | Yotem DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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|---|---|---

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|---|---|---

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|---|---|---

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|---|---|---

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F0F67	D-07-006							D143C																														0
F0F65	D-07-007				C			D143B	D143B			D143I	7			6	1				63,5	98;12												1		D;135		6
F0F66	D-07-008				D			E5224		E5224											D143C									3								2
D08. Eye oudjat																																					
F0F70	D-08-001				A			D10A	D10A			D10A	112			101	11				55,2	98;13							304	13	21	28	27	192	D;151		11
F0F71	D-08-002			13080				D10	D10			D10	224	2	49	169	4	1_1871	D10	D010		99;1	157;20	2;20	D;1500		B17;3							5	D;149		14
F0F72	D-08-003				D	S		D10C	D10C													99;2		2;22	D;1600									D;150		4
F0F73	D-08-004				E		22	D10B	D10B			D10B										99;3								1					D;153		3
F0F74	D-08-005				D		18	D10D				D10C	2			1	1			D010C														D;155		4
F0F75	D-08-006					S																99;4												D;157		2
F0F76	D-08-007				C			D144A	D144A			D144J										99;6											1		2	N;137		4
F0F77	D-08-008							D144	D144			D144											157;22	12;14														2
D09. Eye oudjat components																																					
F0F90	D-09-001			13081				D11	D11			D11	191		177	13	1	1_1885	D11	D011		99;7			D;1700		B17;4						3		D;161		11
F0F91	D-09-002			13082				D12	D12			D12	1502	206	241	988	67	1_1896	D12	D012	55;3	99;8	157;23	2;24	D;1800		B17;5		675	294	38	79	179	781	D;163		20
F0FA0	D-09-003				A			D12A					209			209				D012A																	2
F0F92	D-09-004																					99;9													D;165		2
F0F93	D-09-005			13083				D13	D13			D13	142	3	29	107	3	1_1908	D13	D013	55;4	99;10	157;26	2;27	D;2201		B17;6		24		2	2	2	18	D;171		19
F0F94	D-09-006																					99;11													D;173		2
F0F95	D-09-007				E			D13A														99;12					B17;7								D;175		3
F0FA1	D-09-008				C			E5037		E5037																				4							1
F0F96	D-09-009			13084				D14	D14			D14	115	1		113	1	1_1920	D14	D014		99;13			D;2000		B17;8						3		D;159		11
F0F97	D-09-010			13085				D15	D15			D15	65		2	63		1_1936	D15	D015					D;2050		B17;9										7
F0F98	D-09-011			13086				D16	D16			D16	422		1	421		1_1952	D16	D016					D;2100		B17;10								D;181		8
F0F99	D-09-012			13087				D17	D17			D17	201		13	60	128	1_1964	D17	D017	55;5	99;14	157;27	2;30	D;2150		B17;11		46	4	2	1	2	8	D;187		19
F0F9A	D-09-013				F																	100;1													D;183		2
F0F9B	D-09-014				F																	100;2													D;185		2
F0F9C	D-09-015				F	S																100;3													D;191		2
F0F9D	D-09-016					S																100;4															1
F0F9E	D-09-017					S																100;5													D;189		2
F0F9F	D-09-018				F			D144B	D144B			D144I																							N;136		1
D10. Ear																																					
F0F80	D-10-001			13088				D18	D18			D18	41			36	5	1_1982	D18	D018	56;1	100;6	157;28	2;31	D;2300		B17;12		15			1		1	D;193		15

Vots	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
		Y							
	verified Karnak (DW)	Y							
			DIFF	TSL candidate? KIU 4846, line 4. I am not sure if this should really be considered a monogram. Although the intention is clear, (in KIU it stands for nTr.ty), but this might simply be a playful way to orient the eyes, as the TSL has an example (Pepi) as well without the orientation. I prefer to not include this, as the TLA example is the same thing, a classifier for divine/udjat eyes as a dual. To me it is playful orientation of signs, rather than a monogram. (I have no objection to D140, as the TSL example is not a classifier, nor a dual).					
	pair of eyes	Y							
	part of U43; pair-of-pupils also used alone for "see"	Y		I am not completely sure it should be distinct for Unicode, but I agree with Kurth that for the sake of the TSL it should be its own entity, as it is used for see (which does not occur for D12 to my knowledge) (although U43 is its own entity of course, which should be considered a single construct).					

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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|---|---|---

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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unicer | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val Weight | Vols | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sta | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | VP Val Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differentiality | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caur | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vois | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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|---|---|---

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F1140	D-21-019				F			D371	D371			D371									68;10									1							2
F1141	D-21-020				C			D372	D372			D372									68;10									5							2
F1142	D-21-021				F			D391	D391			D391									69;4									1							2
F1143	D-21-022							D368	D368			D368																								
F1144	D-21-023							D383	D383			D383																								
F1145	D-21-024				C			D421		D421										D421									6							2
F1146	D-21-025				E			D422		D422																			2							1
D22. Arm flat																																				
F1150	D-22-001				A			D35A	D35A			D35A	**494**	12	3	426	53	1_2208_01			58;1	109;4						D035s	628	36	14	12	35	74	D;453	15
F1151	D-22-002			1309C				D35	D35			D35	**8504**	2004	1806	4591	103	1_2208_00	D35	D035	58;1	109;5	157;49	2;51	D;4800		819;2							1	140	D;455	16
F1152	D-22-003				F																	109;6													D;457	2
D23. Forearm (empty handed; palm up)																																				
F1160	D-23-001			1309D				D36	D36			D36	**52618**	4794	19608	26142	2074	1_2222_00	D36	D036	58;2	109;7	157;50	2;56	D;4900		819;3			1912	225	69	63	368	1093	D;597	20
F1168	D-23-002							D36A																												
F1161	D-23-003																					109;9													D;599	2
F1162	D-23-004																					109;10													D;721	2
F1163	D-23-005				E	S		D205	D205			D205	**2**			2						109;11													D;707	3
F1164	D-23-006				A			D207	D207			D207	**238**	203		35		1_2222_01				109;12		2;70a		1429;15	823;4								D;607	8
F1165	D-23-007				F	S		D206	D206			D206																		1							1
F1166	D-23-008					S		D387	D387			D387																									
F1167	D-23-009				F			DE376		DE376																				1							1
D24. Forearm (holding loaf of bread or round vase with rim)																																				
F1180	D-24-001				F																	109;13													D;747	2
F1181	D-24-002			1309E				D37	D37			D37	**11812**	17	6182	4098	1515	1_2233	D37	D037	58;3	110;1	157;51	2;64	D;5000		819;4			539	95	37	52	154	351	D;749	20
F1182	D-24-003				C			D37A										1_7067		D037A																2
F1183	D-24-004			1309F				D38	D38			D38	**82**	21	1	26	34	1_2245	D38	D038		110;3			D;5100		819;5				1			2	D;751	13
F1184	D-24-005				F																	110;4													D;727	2
F1185	D-24-006			130A0	A			D211	D211			D211	**13**			7	6					110;5	158;2	2;60						26				91	D;731	8
F1186	D-24-007							D39	D39			D39	**741**	173	26	408	134	1_2256	D39	D039	58;4	110;6	158;1	2;63	D;5200		819;6			538	12	15	17	24	64	D;745	20
F1187	D-24-008				F																	110;8													D;763	2
F1188	D-24-009				A	S		D213	D213			D213	**9**			9		1_2025			65;5	110;9		2;65						128		4	16			D;765	9

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
																																					wwt-ngr	
F118B	D-24-010				F	S		D213A														110;10														D;767		2
F118A	D-24-011							D214	D214			D214										110;12														D;773		2
																																			*hnk:mt*r*		
F118B	D-24-012				E			D407	D407			D407												2;65a												D;759		2
D25. Forearm (holding object 3 and var)																																						
																																			r:mr:n:nfr:h:ll:hrp		
F11A0	D-25-001							D40	D40			D40	**11390**	1	4564	5188	1637	1_2270	D40	D040	59;1	110;1	158;6	2;69	D;5300	819;7				832	230	40	64	142	899	D;803		20
F11A1	D-25-002							D222														110;15														D;801		2
F11A2	D-25-003				E			D222	D222			D222	**2**			2						111;1														D;837		3
F11A3	D-25-004				F	S		D352	D352			D352																		1						D;803		1
F11A4	D-25-005				F	S		DE331		DE331																				1						D;777		1
F11A5	D-25-006				B			D210	D210			D210	**29**	21		6	2	1_2021				111;2			D;6100	823;5												10
																																			hrp:ghr		
F11A6	D-25-007				190A5			D44	D44			D44	**84**	14	1	41	28	1_2292	D44	D044	59;4	111;3	158;9	2;53d	D;5600	820;1				37	1	3		8		D;793		18
F11A7	D-25-008					S		D223	D223			D223										111;4														D;819		2
F11A8	D-25-009					S		D225	D225			D225										111;5														D;821		2
F11A9	D-25-010							D226	D226			D226										111;6														D;797		2
F11AA	D-25-011							D215	D215			D215										111;7														D;741		2
F11AB	D-25-012				B			D228	D228			D228									65;9	111;8	158;5	2;60d		1430;1	823;8			10						D;805		8
F11AC	D-25-013							D227	D227			D227										111;9														D;785		2
																																			*ih:*mk:w:nfw:rw:r:rmn:sp:sp:dr:wnby:ḫ*h:grh*		
F11AD	D-25-014				190A2			D41	D41			D41	**3437**	13	2424	959	41	1_2280	D41	D041	59;2	111;1	158;7	2;70	D;6300	819;8				49	3			24		D;853		17
F11AE	D-25-015																					111;12														D;605		2
F11CE	D-25-016							D41A																														
																																			ih:y:w:mh:nh:ḥrw:nt:r'n		
F11AF	D-25-017				190A3			D42	D42			D42	**307**	15	99	191	2	1_2290	D42	D042	59;2	111;13			D;6350	819;9				17	1			12		D;855		15
F11B0	D-25-018					S		D208	D208			D208										111;14														D;867		2
F11B1	D-25-019					S		D209	D209			D209										111;15														D;859		2
F11B2	D-25-020							D43B														111;16														D;779		2
																																			hnc:ḥwy		
F11B3	D-25-021				190A4			D43	D43			D43	**420**	1	103	293	23	1_2291	D43	D043	59;3	112;1	158;8	2;68	D;5400	819;10				24	28	1	1	5	33	D;795		20
F11B4	D-25-022					S		D43A														112;2		2;55												D;825		3
																																			r		
F11B5	D-25-023				B			D220	D220			D220	**12**	10		2					65;8	112;3		2;60b												D;743		6
																																			mk:mkl:mk!t		
F11B6	D-25-024				B			D217	D217			D217	**13**			10	3	1_2029			65;6	112;4	158;3	2;49					v1p9n3	D800	34				12	D;729		12
																																			ḥsp		
F11B7	D-25-025				C			D218	D218			D218	**1**			1		1_2030				112;5		2;62	D;6000	1429;17	823;7									D;739		8
F11C1	D-25-026				B			D219	D219			D219	**17**			12	5	1_2031			65;7		158;4							48	2	1	3		9			10
																																			ḥrt-ḥrw		
F11BB	D-25-027				E			D219A													65;7	112;6		2;61												D;733		4
F11B9	D-25-028					S																112;7														D;735		2
F118A	D-25-029				C			D229	D229			D229	**2**	2							66;1	112;8								5			1			D;783		6
F11CF	D-25-030							D229B																														

Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
																	A forearm with the hand holding a round vessel with an upstanding rim (W24), written over a cloth wound on a pole, an emblem of divinity (R8), with a round half loaf of bread (X1) written before the pole and an egg (H8) written behind the pole.						
									Y;ñ	TSL (token TSL_3_16480).	N (manual)	N	N					Logogram mw.t-nTr (mother of the god).	Overlay+insertion/arrangement.			
											N (auto)		N						No sources given.				
										Edfu V, p. 359,7, Edfu XIII, pl. CCCCLXXXV (leftmost column).							A forearm with the hand holding a round vessel with an upstanding rim (W24), written over a feather (H6).						
									Y;ñ		N (manual)	N	N					Logogram Hnk-mAa.t (offering Maat).	Overlay.				
																			noose that the curve or the staff is rather extreme (the hand holds a stick, not S39. Redraw?				
									Y;ñ	TSL	Y (v5.2)		Y				A forearm with the hand holding a stick.	Classifier force, effort.					
											N (manual)	N	N										
				Not even this sign, based on a damaged entry in papyrus Vandier (Posener, 8,4,13).							N (auto)		N						Not supported.				
																	A forearm with the hand holding a stick, written over a knife with a triangular blade and straight handle (T30A), written vertically, with the blade towards the front.		Overlay. It could be argued the knife is in the other direction in the image. Additionally, due to the function, one could make an argument that this should be atomic. Seems to be a knife, not a P51. Lverray: ;m-u tosen (Dendera XV, p. 62,9) could not be verified with an image.				
									Y;ñ	Dendera X, p. 306,3, pl. 71, col. 51.	N (manual)	N	N					Logogram smA (to slaughter)					
											N (manual)	N	N										
									Y;ñ	TSL	Y (in core)		Y				A forearm with the hand held as a fist.	Classifier supporting/carrying ne (mn).					
									Y;ñ	TSL	Y (v5.2)		Y				A forearm with the hand holding a scestre (S42).	Classifier governing/controlling (wn).					
											N (manual)	N	N						Overlay. No sources given.				
											N (manual)	N	N						Overlay. No sources given.				
											N (auto)		N						No sources given.				
											N (auto)		N						No sources given.				
										Dendera VI, p. 163,15, pl. DLXXXVI							A forearm with the hand holding a loop of cord with the ends upwards (V6).		noose that the loop or cord could represent a bag (variant of V33/V34) as well.				
									Y;ñ		Y (in core)		Y					Classifier enveloping (atx).					
											N (auto)		N						No sources given.				
																	A forearm, with the palm of the hand downwards, with the upper arm bend forwards.	Classifier arm related movements or actions.					
									Y;ñ	TSL	Y (v5.2)		Y										
											N (auto)		N						no sources given (handpalm upwards).				
																	A forearm, with the palm of the hand downwards, with the upper arm represented by a loop, which is aneled forwards.						
									Y;ñ	BM EA 572, line 12 (Simpson, Terrace, pl. 12)	Y (in core)		Y					Logogram rmn (arm, shoulder)	Found and verified by Peter Dils. F1140 with the loop of F1182.			Additional row.	
																	A forearm, with the palm of the hand downwards, upper arm vertical.						
									Y;ñ	TSL	Y (v5.2)		Y					Logogram mit (cubit).					
											N (manual)	N	N						uverray. no sources given.				
											N (manual)	N	N						Overlay. No sources given.				
																	A forearm, with the hand held like a fist, and the upper arm represented by a loop.	Classifier shoulder/arm (rmn).	ccess. snouid become a cless in TSL, but I am not certain it holds any value for Unicode.				
									Y;ñ	TSL (D41), token TSL_3_21432.	Y (in core)		Y									Yes	
									Y;ñ	TSL	Y (v5.2)		Y				A forearm with the hand holding a flaellum (S45).	Logogram swi (to protect).					
																	A forearm with the hand holding a flagellum (S45), with a human placenta (Aa1) written between the flagellum and the upper arm.						
									Y;ñ	TSL (D43, token TSL_3_20599).	N (manual)	N	N					Logogram swi (to protect).	Insertion.				
				examples of the PT group (if the offering list is still somewhere in the Pyramid of Pepi I, I have no idea where it is, the only non-Pepi I example is from Pepi II, PT 60,a. Sethe column 364, needs to be verified by squeeze (no photo). The TLA examples are from the Annals inscription of Amenemhat II, in the word a-n-ḫ(w.t-nTr, and I think that is a different sign.				Could not verify this sign.																	
																			I have my doubts about this one, looking at the image again, it seems to be more like F1185 (D211) to me.				
									Y;ñ	Dendera VI, p. 6,4, pl. CCCCLXXXVIII	Y (in core)		Y				A forearm with the hand holding a wide cup (W10)	Logogram Hnk (to offer, to present)/Phonogram (r)di.	Dendera IX, p. 8,4 and Edfu IV, p. 128,8 could not be verified with an image.		Yes	
																	A forearm with the hand holding two arms, raised upwards, with the forearms and hands vertical, handpalms inwards (D28).						
									Y;ñ	TSL	Y (in core)		Y					Phonemogram mk.					
																	A forearm with the hand holding 3 vertical strokes.	Logogram Sxp (to receive).	The 3 vertical strokes should be considered a simplified form of O42/D40 (or any of its variants).				
									Y;ñ	TSL	Y (in core)		Y				A forearm with the hand holding the sun upon a butchers block (N7).	Logogram Xr.t-hrw (course (of the day); daily requirements).					
									Y;ñ	TSL	Y (in core)		Y								variant D219A		
																			Verified by Peter Dils. Variant of F11C1 (D219) holding a N8 variant. Cauville token (Dendera VII, p. 125,16, pl. DCXL, krandl) has a bend elbow like F1187 (D237), but is further F11C1 (D219) in my opinion. Ruth is D219 as well. D219A is a meaningless variant of D219 in my opinion.				
																	A forearm with the hand holding the sun, with three beams of sunlight coming from it (N8E).	Logogram Xr.t-hrw (course (of the day); daily requirements).					
									Y;ñ	Edfu IV, p. 48,13.	Y (in core)		Y									Yes	
											N (manual)	N	N						Insertion. No sources given.				
										Uenzera x, p. 282,6, pl. 166, col. 4								Classifier strenght, power (wsr).					
				PT 1195,a (P) is uses a different arm type (D243)					Y;ñ		Y (in core)		Y				A forearm with the hand holding a feather (H6).						
																	A forearm, with the palm of the hand facing upwards, with a feather (H6) on top of the hand, vertically.	Logogram Hnk-mAa.t (offering Maat).	Found and verified by Peter Dils. F1160 (D36), with a feather vertically on top of the hand.				
									Y;ñ	Medinet Habu 4 (OIP 51), pl. 249, col. 4.	Y (in core)		Y									Additional row	

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F11E5	D-26-006				B			D263	D263			D263	15	13			2																				2
F11E6	D-26-007				C			D264	D264			D264	3	1			2																		4		hw	3
F11E7	D-26-008				A			D237	D237			D237	16	1	1	9	5	1_2056				59;3	113;2		2;55						91	58	5		6	22	D;575		14
F11E8	D-26-009							D337	D337			D337																										
F11E9	D-26-010							D338	D338			D338																									n:ghr	
F11EA	D-26-011			130A6				D45	D45			D45	677	42	141	417	77	1_2293	D45	D045	60;1	113;4	158;10	2;53b	D;5700		820;2			105	3	3	5	3	9	D;571		20
F11EB	D-26-012																					113;6														D;573	ghr	2
F11EC	D-26-013				C			D238	D238			D238	5	4		1					66;5	113;7												3		D;581	sr	6
F11ED	D-26-014				B			D239	D239			D239	6	2		4					66;6	113;8		2;53b						2		1	1	1	9	D;583	ghr	11
F11EE	D-26-015				C			D240	D240			D240	2	1		1						113;9								1			1		6	D;577		7
F11EF	D-26-016					S																113;10														D;593	ghr	2
F11F0	D-26-017				B			D241	D241			D241	5			5						113;11								3				2	D;579	rwt;hrp	5
F11F1	D-26-018				B			D242	D242			D242	56	53		2	1	1_2064			66;7	113;12		2;53d						4	3			1	D;569	hwwty	11
F11F2	D-26-019				B			D243	D243			D243	7	5		2					66;1	113;13								4					D;567		6
F11F3	D-26-020				C			D244	D244			D244	5			5						113;14								1					D;585		4
F11F4	D-26-021							D66				D66	13			10	3																				wdn;st	2
F12D3	D-26-022			130C8				D66A				D66;D245							D66	D066		113;15													D;587		4
F11F5	D-26-023				F			D83O5		D83O5										D442										1							2
F11F6	D-26-024				E			D249	D249			D249	1			1														1							2
F11F7	D-26-025				E			D420		D420																				1							1
F11F8	D-26-026				E			D236	D236			D236	2			2																					1
F11F9	D-26-027				F			D258	D258			D258	1	1																								1
F12D4	D-26-028							D258A												D258A																	1
F11FA	D-26-029				F			D336	D336			D336																				1						1
F11FB	D-26-030				F			D336A	D336A			D336;																								D;580		1
F11FC	D-26-031							D377	D377			D377																									n:ghr	
F11FD	D-26-032				B			D245	D245				3	3						D245	66;8	113;1	158;12		D;5900	1430;2	823;9			11			2		1	D;589		12

Index	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F11E5		Y/MU		Karnak code represents something in the palace façade name of Philippe Arrhidæ.							A9 (PT 799b, sethe column 74), verified on Berlin image.	Y (in core)		Y				An arm, bend at the elbow, upper arm horizontal, handpalm outwards.	Classifier to rejoice (rdrdr).					
F11E6		Y/MU	DIFF	PT 804b is a different sign than depicted here, as the hand is more horizontal (see attached image, replace D264 image with this one?), PT 804b, Sethe column 79, See Berlin image (P/F/W A14). TSL candidate (mutilated form classifier to call (nis). Karnak code represents something in the palace façade name of Philippe Arrhidæ.							Pepi I, P/F/W A14 (PT 804b, sethe column 79), see Berlin image.	Y (in core)		Y				An arm, bend at the elbow, upper arm horizontal, hand held horizontal, handpalm upwards.	Classifier to call (nis).	**Redrawn in place.** (Redraw sign with the hand horizontal (i.e, the hand should be on the same angle as the upper arm(s).) Karnak tokens are constructs.	redrawn in place		
F11E7		Y									TSL	Y (in core)		Y				An arm, oena ar tne elbow, forearm nearly horizontal, holding a flagellum (545).	Logogram xwi (to protect).		part (N)		
F11E8												N (auto)		N						No sources given.			
F11E9												N (auto)		N						No sources given.			
F11EA											TSL	Y (v5.2)		Y				An arm, oena ar tne elbow, forearm nearly horizontal, holding a wand or brush.	Logogram Dsr (to make holy)				
F11EB												N (manual)	N	N						Not a meaningful variant of F11EA (D45).			
F11EC	cf. D239, D241	?	DIFF	I think these signs (D238, D239, D241) require separate study, as the form seems somewhere between D238 and D239, but the function is at least classifier for xrp. The Unas example holds a different object (which would require a new sign in TSL, see PT 227b (U), Piankoff pl. 68, 8th col from the right.) It might be wise to combine D238, D239 and D241 as one entity.							Priese, Das Ägyptische Museum Berlin, Zabern, Mainz 1991, ix, Nr. 89 (Berlin, Inv. 2061).	Y (in core)		Y				An arm, bend at the elbow, forearm nearly horizontal, holding a tall wand or brush, vertically.	Logogram Dsr (to make holy)	Verified by Peter Dils. Not a meaningful variant of F11EA (D45).		Yes	
F11ED	cf. D250; cf. D238, D241	Y?	DIFF	Form in Merenre (PT 866b) is a lot less distinct than Sethe suggests (based on MIFAO 140, pl. III (M/F/T: 55).					Merge with D238			N (manual)	N	N		F11EC				Not a meaningful variant of F11EA (D45).			
F11EE												Y (n=D_JSeh/WG)		N						none or tne tokens are distinct enough from F11EA (D45) to warrant its inclusion in Unicode.			
F11EF												N (manual)	N	N						Insertion/arrangement. No sources given.			
F11F0		Y	DIFF	I gos onry one exampue rrom the TLA, Edfu VII, 51,1-2, and I don't think that the sign is distict enough from D46 to require a different entry.								Y (n=D_JSeh/WG)		N						Not a meaningful variant of F11EA (D45).			
F11F1		Y									Merenre, M/C-med/E 40 (PT 1204c), MIFAO 140, fig. 39.	Y (in core)		Y				An arm, oena ar tne elbow, forearm nearly horizontal, holding a sceptre (542).	Classifier to govern/to control (xrp).				
F11F2		Y									Unas, PT 140b, Piankoff pl. 40. (6th col from left).	Y (in core)		Y				An arm, oena ar tne elbow, forearm nearly horizontal, holding a feather (H6).	Classifier messenger (hw(w).t(y))				
F11F3		Y									Edfr VIII, 37,1, Bartels photo 0051 (krand).	Y (in core)		Y				An arm, bend at the elbow, forearm nearly horizontal, holding a wick of twisted flax, consisting of 3 loops (V28).	Logogram Dsr (to make holy, to be holy, to be splendid)				
F11F4				note nowever tnat it is tne form of Jseh D66/D245, not the current unicode image.								N (manual)	N	N		F12D3			Redraw to Jssh form.		also JSesh D245		
F12D3											KIU 944, line 16	Y (v5.2)		Y				An arm, bend at the elbow, forearm nearly horizontal, hand held like a fist, with a stylus angled over the tip of the fist.	Classifier to engrave (wdi)	**Redrawn form of F11F4.**	redraw of F11F4		
F11F5											Dendera XV, p. 5,6	Y (in core)		Y				An arm, bend at the elbow, forearm nearly horizontal, holding a conical loaf of bread (X8).	Phonemogram di.	Partly cut off in an online image (https://pixels.com/featured/ceiling-of-hathor-temple-dendera-temple-complex-dendera-egypt-jon-berghoff.html), but I find it likely that this is correct. Karnak token is part of a construct. TLA token is not this sign. JH-D token (Dendera XV, p. 5,), verified with online image (https://pixels.com/featured/ceiling-of-hathor-temple-dendera-temple-complex-dendera-egypt-jon-berghoff.html) has the stick curve inwards, so not this sign. Porte d'Isis, p. 15,6, pl. 28 is more akin to F11F4 (Jseh D66) or F11F0 (D245). (i.e., the stick is on an angle).			
F11F6				Sehel example more akin to a D40, with a bent elbow. (absolutely not a M17A in the hand).								N (auto)		N									
F11F7												N (auto)		N									
F11F8		Y/MU TIL	DIFF	TLA examples are variants of D236A (no dotted line, rather a continues line, but not a N35.								N (auto)		N						Not supported.			
F11F9												N (manual)	N	N						**Redrawn as F11D9** (Redraw the head on the stick to resemble an gazelle (akin to F81), not the bovid with uraeus.)			
F12D4											Pepi I, P/C med/E 12 (PT 1083a), MIFAO 118, fig. 33.	Y (in core)		Y				An arm, bend at the elbow, forearm nearly horizontal, holding a neck and head of a gazelle	Classifier netherworld (dwA.t).	Redraw of F11F9.			
F11FA												N (auto)		N						TLA token is F11D9 (D336A).			
F11FB											Esna VII 554,08, p. 21,2	Y (in core)		Y				An arm, bend at the elbow, forearm nearly horizontal, holding a knife with a triangular blade and straight handle.	Phonemogram Dsr	Verified by Peter Dils. Function is a guess.			
F11FC				424b) both do not have a stick in the arm, even though the angle is the same. PT 908d (P), Sethe column 170 is a different sign as well, as the position is different (akin to D40, but with a bent elbow).								N (auto)		N						No sources given.			
F11FD		Y									Dendera Porte d'Isis, p. 31,4, pl. 38	Y (in core)		Y				An arm, bend at the elbow, in a V shape, hand holding a stick at the top.	Classifier to write, to inscribe (sqdr).		see D66		

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unlker | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differentiy | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differentiy | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sta	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikeı	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Oniı	Athribi	ValPhor	Weight
F123B	D-28-009			130A8				D46C	D46C			D46C	6			6		1_2298_00	D46*	D046A			158;15		D;6500				D046I	3					16			9
F123I	D-28-010				F	S		D270	D270			D270											115;13								1				D;891		3
																																			sd.gl	
F123A	D-28-011				B			D265	D265			D265	16			15	1						115;3	158;14	2;73a		D;6701			1			6	D;881		9
F1249	D-28-012				E			ES160	ES160												D443									2						2
F124A	D-28-013				F	S		ES192	ES192																					1						1
F123B	D-28-014																						115;4												D;893		2
F123C	D-28-015																						115;5												D;899		2
																																			h;fpr,fnpr	
F123D	D-28-016			130A9				D47	D47			D47	68	63		4	1	1_2301	D47	D047	60;4	115;6		2;71a	D;6401		820;5			137	26	3	1	8	D;907		17
F124C	D-28-017							D47B																													
																																			kp:glrt	
F123E	D-28-018			130C6				D271	D271			D271	1	1					D64	D064					D;6401	1430;6	823;11				1	1			D;919		9
F123F	D-28-019				F																		115;7												D;903		2
																																			i:ab;ia	
F124D	D-28-020				C			D47A	D47A			D47A	2			2							115;8	158;15						1	1	1		1	D;915		8
																																			kp:fcp:kp	
F1241	D-28-021				C			D266	D266			D266	6		6								115;9			D;6450	1430;5	823;10				1				D;879		7
F124B	D-28-022				F			ES215	ES215												D444									1						2
																																			fp	
F1242	D-28-023				C			D267	D267			D267									67;5	115;9	158;17	2;73					1				1	D;913		7
F1243	D-28-024							D268	D268			D268											115;11												D;905		2
F1244	D-28-025				F			D269	D269			D269																							D;917		1
																																			hn	
F1245	D-28-026				F			D48B															115;12												D;911		2
																																			hn:hnt	
F1246	D-28-027			130A8				D48A			D48A	D48A							D48*	D048A					D;6700										D;909		4
F1247	D-28-028			130AA				D48	D48			D48	5	5				1_2303	D48	D048					D;6600		820;6										6
F124B	D-28-029							D370	D370			D370																									
D29. Fist																																				
																																			*lmm;*ⁿ*m;m;hm;*ᶜ*ip;*ᵇ*f*	
F1260	D-29-001			130AC				D49	D49			D49	163	33	6	111	13	1_2304	D49	D049	60;5	115;1	158;18	2;74	D;6800		820;7			61	9	5	7	33	D;921		20
F1261	D-29-002				F																		115;15												D;923		2
																																			*lm;ff*ᵉ	
F1262	D-29-003																						116;1												D;925		2
F1263	D-29-004				D			D273	D273			D273									67;7	116;2	158;19	2;75					2						D;935		6
																																			fnp	
F1264	D-29-005				B			D272	D272			D272	6	5		1					67;6	116;3	158;19	2;73b		1430;7	823;12	D80D	2					1	D;931		12
F126B	D-29-006							D272A																													
																																			h:mg	
F1265	D-29-007				B			D274	D274			D274									67;8	116;4	158;20	2;75	D;6801				8						D;927		7
F1266	D-29-008							D275	D275			D275											116;5												D;929		2
F1267	D-29-009				E			D275A	D275A			D275J									67;9			2;75					1							3
F1268	D-29-010							D276	D276			D276											116;6												D;933		2
F1269	D-29-011							D277	D277			D277																									
F126A	D-29-012							D278	D278			D278																									
D30. Finger																																				
																																			*tp:dfr,dfr*ᵉ	
F128D	D-30-001			130AD				D50	D50			D50	2000	119	892	965	24	1_2307	D50	D050	60;6	116;7	158;21	2;76	D;6900		820;8			5			1	6	D;937		17
F1281	D-30-002				B	S		D50K					11			11							116;8												D;939		3
F1282	D-30-003				F																		116;9												D;951		2
																																			*f*ᵉ*m;f;f31;dfr*ᵉ*;dfr*	
F1283	D-30-004				B			D50A	D50A			D50A	2	1		1					D050L	60;7	116;10	2;78					9						D;949		8

Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP
what is it? overlay?	Y	DIFF	TSL candidate, KIU 4209, near the end of the line. Technically an overlay of N20 (rotated) with D46, for the sd part of H[A]b-sd. Overlay depending on capabilities.					
			I am not sure if the PT 1051 (P) is actually this sign, based on MFAD 118, pl. IX, fig. 178					
			Beleg 1 (Edfu VII,51,12-17, photo (wall 310)) is D46A, as is beleg 2 (Edfu VII,52,6-8, photo (wall 310).					
	Y							
			Not in TSLI Sign seems to be an misinterpretation, see Naville, Deir el-Bahri, vol. 4, pl. CXVI, rightmost column					
	N		Can I verify this sign, the 'fish' example (Edfu VII, 89,16-17 is a wing in my opinion). I could not locate the PT example.					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
Y/I	TSL	Y (v5.2)		Y				A human hand with a forwards downwards line coming from the thumb.	Logogram id.t (scent, perfume, daw).		
Y/I	Dendera Porte d'Hathor, p. 27,1, p. 95 (krand)	N (manual)	N	N				A human hand (D46), written over a cloth wound on a pole, an emblem of divinity (R8).	Logogram id.t-nTr (divine perfume/scent)	Overlay. Preferred as overlay, and should not be considered a hand over a horn, but rather over a tail (F338).	
Y/I	KIU 4209, line 1 (near the end of the line).	N (manual)	N	N				A human hand (D46), written over a simplified form of the tail of an animal (F338).	Phonogram sd.	Redraw sign to make the curl resemble a Z7, not a V1 (no forward flick at the bottom of the curl). (technically an overlay, but I doubt it would render correctly).	
Y/I	Esna VII 620,00, p. 195,9	Y (in core)		Y				A spiral, winding counter-clockwise away from its central point, ending at the right lower corner after about 1,5 turns (Z7), written over a human hand (D46).	Phonemogram wd.		redraw in place
Y/I	Esna VII 628,15, p. 216,8	N (manual)	N	N				A folded piece of cloth (S29) written over a human hand (D46).	Phonemogram sd.	Overlay. Verified by Peter Dils. Esna tolen is purely an overlay, not the over-under form shown here. Duplicate of F123A (D265).	
		N (manual)	N	N						no sources given. Likely practically a duplicate of F123D (D47).	
		N (auto)		N							
Y/I	TSL	Y (v5.2)		Y				A human hand with the thumb upwards and the palm curved upwards.	Classifier hand (Dr.t).		
Y/I	TSL (D47), token TSL_3_17385.	Y (in core)		Y				A human hand with the thumb upwards and the palm curved upwards, with visible fingers.	Phonemogram Sp.	Added as balance with D46D, but I doubt if visible fingers are meaningful at all.	
Y/I	KIU 4246, line 56.	Y (v5.2)		Y				A human hand with the thumb downwards and the palm curved downwards.	Logogram Dr.t (hand)		
		N (manual)	N	N						Practically a duplicate of F124D (D47A).	
Y/I	KIU 4229, line 3 wesxnen natsu (OIP 8), pl. 23, text in the registers of cut off hands.	Y (in core)		Y				A human hand with the thumb upwards and the palm curved upwards, with a forwards, downwards line of dots coming from the handpalm.	Logogram id.t (scent, perfume, daw).		
Y/I		Y (in core)		Y				A human hand, angled downwards, with visible fingers.	Classifier cut of hand (kp).		
Y/I	Esna VII 570,34, p. 64,2 Lepsius xx, p. 89,8, pl. 68, bottom image, column behind the 3rd figure.	Y (in core)		Y				A human hand with the thumb upwards and the palm curved upwards and the palm curved upwards (D47), holding a snake with the head of a ram with horizontal horns (I27). The thumb upwards and the palm curved upwards (D47), holding an egg (H8).	? Phonemogram Hnt.	Insertion, but probably too difficult to render with controls. Verified by Peter Dils. I have no idea what the function of this sign is (classifier dmD?) Exists, but would already be covered by F124G (D48A, U+13DAB).	
Y/I		N (auto)		N						No sources given.	
		N (auto)		N						Valeurs refers to Loret, i.e., no source.	
Y/I	Edfu VI, p. 116,1, Edfu XIII, pl. D300.	Y (in core)		Y				A human hand, holding an oval, with the fingers and the thumb being the same length.	Phono-repeater Hnt.	Exists, but would be sufficiently covered by F124G (D48A, U+13DAB). (if one follows Naville, Deir el-Bahri 4, pl. XCVI, rightmost column, which looks more like F124S in the facsimile).	Yes
		Y (v5.2)		Y				A human hand, holding an oval.	Phono-repeater Hnt.		
Y/I	TSL	Y (v5.2)		Y				A human hand without a thumb.	Logogram Sxp (palm).	Only attested in transcription.	
		N (auto)		N						No sources given.	
Y/I	TSL	Y (v5.2)		Y				A human hand, held as a fist, with the thumb on top.	Classifier grasping/holding. (Anm).		
		N (auto)		N						Duplicate of F126D (D49)	
		N (auto)		N						Duplicate of F126D (D49)	
Y/I	Dendera X, p. 287,4, pl. 168, col. 2. Hm, m ssxc, Sethe column 278, Antechamber, west wall. (see berlin image).	Y (in core)		Y				A human hand, held as a fist, with the thumb on top (D49), holding a folded piece of cloth. A human hand, held as a fist, with the thumb on top (D49), holding a vertical stick.	Classifier HmAg. Classifier to hold fast/to seize (nDr).		
Y/I	Cairo CG 22182 (satrap stela), text, line 3.	Y (in core)		Y				A human hand, held as a fist, with the thumb on top (D49), holding a short vertical stick, which barely extends beyond the	Logogram sfa (to seize, to grasp).	Found and verified by Peter Dils. F126A (D272), but with the stick short at either side of the fist.	
Y/I	Dendera X, 34,9, pl. 26, col 52.	Y (in core)		Y				A human hand, held as a fist, with the thumb on top (D49), holding a loop of cord with the ends upwards	Classifier to squeeze, to enclose, to tie up (anH).		
		N (auto)		N						No sources given.	
Y/I	Dendera X, p. 233,13, pl. 136	Y (in core)		Y				A human hand, held as a fist, with the thumb on top (D49), holding a vertical hourglass-shaped shaped document holder	Classifier HmAg.		
		N (auto)		N						No sources given.	
		N (auto)		N						No sources given.	
		N (auto)		N						No sources given.	
Y/I	TSL	Y (v5.2)		Y				A vertical human finger.	Logogram Dba (finger).	Should not be allowed to rotate (F128S (D51) is functionally different).	
		N (manual)	N	N						Mirrored form of F128D. Not needed with mirror controls.	
		N (auto)		N						Duplicate of F128S (D41A).	
Y/I	Dendera X, p. 282,7, pl. 166, col. 4.	Y (in core)		Y				A distal and intermediate phalanges of a finger, written horizontally.	Phono-repeater faq.		

Comment MS	Change (Berlin)	Changes (post 19-02-2023)
redraw in place		
	Additional row.	
	Yes	
	Yes	
	Additional row	

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sta	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurw	FAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
F128A	D-30-005						S															116;11													AA;9	2
F128B	D-30-006			130B7				D51	D51			D51	**2597**	1	1982	588	26	1_2318	D51	D051	61;1	116;1	158;22	2;78	D;6950		820;9			1				3	2	D;953	17
F128C	D-30-007							D51A														116;13		2;78												2
F128D	D-30-008			130AE				D50B			D50A									D050A				2;77	D;7000										D;955	3
F128E	D-30-009			130AF				D50C			D50B									D050B																1
F128F	D-30-010			130B0				D50D			D50C									D050C																1
F1290	D-30-011			130B1				D50E			D50D									D050D																1
F1291	D-30-012			130B2				D50F			D50E									D050E																1
F1292	D-30-013			130B3				D50G			D50F									D050F																1
F1293	D-30-014			130B4				D50H			D50G									D050G																1
F1294	D-30-015			130B5				D50I			D50H									D050H																1
F1295	D-30-016			130B6				D50J			D50I									D050I																1
F1296	D-30-017				D			N73B																													
F1297	D-30-018				D			N73A		N73A									D445	158;7										2							3
F1298	D-30-019				F			N143			N143																									D;957	1
D31. Male genitals																																				
F12A0	D-31-001			130B8				D52	D52			D52	**2623**	266	1077	1191	89	1_2324	D52	D052	61;2	116;1	158;23	2;79	D;7100		820;10			224	19	9	12	19	129	D;961	20
F12A1	D-31-002				B			D52A	D52A			D52A	**15**	1		14						117;1					820;11										5
F12A2	D-31-003																					117;2													D;971	2
F12A3	D-31-004				C			D280	D280			D280	**3**	2		1		1_2111				117;3	158;24	2;81	D;7300	1430;8	823;14								D;983	10
F12A4	D-31-005																					117;4													D;981	2
F12A5	D-31-006																					117;5													D;963	2
F12A6	D-31-007			130BA				D53	D53			D53	**2130**	31	1038	1022	39	1_2326	D53	D053	61;3	117;7	158;23	2;79a	D;7150		820;12			30	3		2	6	178	D;965	19
F12A7	D-31-008																					117;9													D;969	2
F12A8	D-31-009				E			D53A	D53A			D53A	**1**		1							117;10					821;1									D;973	4
F12A9	D-31-010				C			D53B										1_6975		D053B																2
F12B7	D-31-011							D53C																													
F12AA	D-31-012				B	S		D410A	D410A			D410J	**10**			10													S030D								2
F12AB	D-31-013							D281	D281			D281																							U;125	1
F12AC	D-31-014							U54A	U54A			U54A																									
F12AD	D-31-015							D380	D380			D380																									
F12AE	D-31-016							D390	D390			D390																									
F12AF	D-31-017				C	S		D410	D410			D410	**5**		1	4																					2
F128D	D-31-018				F			D282	D282			D282										117;11													D;975	2
F12B1	D-31-019																					117;12														1
F12B2	D-31-020				B			D283	D283			D283	**16**	3		11	2				67;10	117;1	158;25	2;80		1430;9	823;15	d97 v3		29	1	2		1	11	D;979	16
F12B3	D-31-021				E			D411	D411			D411									69;6	244;3													D;1009	3
F12B4	D-31-022				B			D284	D284			D284	**9**	4		5										1430;10	823;16									4
F12B5	D-31-023					S																117;14													D;977	2
F12B6	D-31-024				C			F181	F181			F181	**1**			1		1_2989				117;15			D;7400									1	F;655	6
D32. Female genitals																																				
F12CD	D-32-001				F			D280B														118;1													D;1011	2
F12C1	D-32-002				F			D280A			D280J											118;2													D;1013	2
F12CD	D-32-003							E5140		E5140										D280B																1

Index	Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F128A												N (manual)	N	N										
F128B										Y;i	TSL	Y (v5.2)		Y				A horizontal human finger.	Classifier taking (TAi).					
F128C												N (auto)		N										
F128D												Y (v5.2)		Y					20000	Numerals.			Yes	
F128A												Y (v5.2)		Y					30000	Numerals.			Yes	
F128B												Y (v5.2)		Y					40000	Numerals.			Yes	
F128C												Y (v5.2)		Y					50000	Numerals.			Yes	
F128D												Y (v5.2)		Y					60000	Numerals.			Yes	
F128E												Y (v5.2)		Y					70000	Numerals.			Yes	
F128F												Y (v5.2)		Y					80000	Numerals.			Yes	
F1290												Y (v5.2)		Y					90000	Numerals.			Yes	
F1291												Y (v5.2)		Y					50000	Numerals.			Yes	
F1294	request by PDIs (eMail)	Y	DIFF	Ok, could he provide the image for verification?								N (auto)		N						No idea which sign, where it occurs etc.		PD/DW? request		
F1292										Y;i	Dendera X, p. 40,4, pl. 28, col. 87.	Y (in core)		Y				Two vertical human fingers on top of a standard used for carrying religious symbols (R12).	Logogram mtr (Prospopite nome).			part N73		
F1293												N (auto)		N						Valeurs token (Ezbu IV, p. 358,11) could not be verified with an image.		related to N73		
F12A0										Y;i	TSL	Y (v5.2)		Y				A phallus with a scrotum.	Phonemogram bAH.					
F12A1	frequent in D410A below		DIFF	Rotation at best, although with only 90 degrees rotation it might be useful to add. However, I find most attestations weak at best, as this sign is often not completely horizontal.						N		N (manual)	N	N						Not a meaningful rotation of F12A0 (D52).				
F12A2												N (manual)	N	N						Meaningless variant of F12A1 (D52A).				
F12A3		Y								Y;i	TSL	Y (in core)		Y				A phallus with a scrotum, written with the tip in a vulva (NK1).	Classifier copulating (nk).					
F12A4												N (manual)	N	N						Duplicate of F12A3 (D280).				
F12A5												N (manual)	N	N						neaningless variant of F12A6 (D53).				
F12A6										Y;i	TSL	Y (v5.2)		Y				A phallus with a scrotum, with a line of liquid issuing from it.	Phonemogram bAH.					
F12A7												N (manual)	N	N						uplicate of F12A6 (D53A).				
F12A8				partial rotation, based on an ostracon in Ramses, I prefer to not base rotation (less than 90 degrees) on Hieratic.								N (auto)		N						Unlikely to be a meaningful variant of F12A6 (D53).				
F12A9										Y;i	TSL	Y (in core)		Y				scrotum, wnn a sne of liquid issuing from it (D53), pouring into a wide cup (W10).	Phonemogram bAH.					
F12B7										Y;i	BM EA 30840 (B11), Front, col. 28B (CT II,68,d)	Y (in core)		Y				A phallus with a scrotum, with a line of liquid issuing from it (D53), pouring into a vulva (N42).	Classifier copulation (nk).	Found and verified by Tobias Konrad, AAU project. Drew as F12A9 (D53B), with an N42 instead of a W10 below the line of the phallus.				Additional row.
F12AA		N		Does in my opinion not even exist. All attestations in TLA are from Hieratic origin, and I feel there is little proof that there is a meaningful angle of the phallus (for example, p. salt 825, x+13,1).								N (manual)	N	N						Overlay (rotation seems meaningless).				
F12AB												N (auto)		N						No sources given.				
F12AC												N (auto)		N						No sources given.		dup of D281		
F12AD												N (auto)		N						No sources given.				
F12AE												N (auto)		N						No sources given.				
F12AF		N		the attestations from the TLA are not this sign, but based on D52 instead.								N (manual)	N	N						Overlay. Tokens are based on D52.				
F128D												N (auto)		N						vaeurs rerered so Brugsch, i.e., no source.				
F12B1												N (auto)		N						No sources given.				
F12B2		Y								Y;i	KIU 5645, image 176090.	Y (in core)		Y				A human scrotum with two testicles.	Logogram is.wy (the two testicles),					
F12B3												N (auto)		N						Valeur/Cauville tokens (Dendera XI, p. 10,5; Dendera IV, p. 77,4) could not be verified with an image.				
F12B4		Y								Y;i	Pepi I, P/A/W 24 (PT 946b, Sethe column 183), see Berlin image.	Y (in core)		Y				A testicle.	Classifier testicles (Ar.wy).	In the token used as a dual.				
F12B5												N (manual)	N	N						vracroacy tne mirrored form of F12B2 (D283).				
F12B6		Y								Y;i	TSL	Y (in core)		Y				A scrotum with two testicles.	Classifier testicles (Ar.wy).	It could be argued this sign represents specifically an animal scrotum.				
F12CD												N (auto)		W						vaeurs token (Drioton, Rdt 1, p. 17, pl. II) is practically indistinguisable from W10.			Wait	
F12C1												N (auto)		W						Valeurs token is the same source as F12C0.			Wait	
F12CD										Y;i	Esna VII 610,01, p. 166,1	Y (in core)		Y				A vulva with a triangular shape at the bottom.	Logogram/Phonemogram id.t (cow).	Verified by Peter Dils. Uncertain, the sign could be F12C1 as well. However, there is a clear tick at the bottom in the image, which could warrant the inclusion, but as this sign or F12C1 (D280A), I cannot say. Description of vulva is based on the function, as it is rarely graphically possible to distinguish between the well and vulva in N41-N42.				Yes	

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
F12C2	D-32-004				A			D431		D431												118;3								89		11	8			D;1019	5
F12C3	D-32-005				A			N104	N104				16			16				D446	157;2	279;9		12;81	17;15			851;3		N80[	117	5				D;1017	10
F12C4	D-32-006																					279;10														D;1021	2
F12C5	D-32-007							N104A	N104A			N104																									
F12C6	D-32-008							D318	D318			D318																									
F12C7	D-32-009				F			D412	D412			D412																								D;1023	1
F12C8	D-32-010				C			F182	F182			F182	4			4																			3	F;665	3
F12C9	D-32-011			13130				F45	F45			F45	51	3		48		1_3093	F45	F045		162;1			F;7100		831;12									8
F12CA	D-32-012				C			AA54	AA54			Aa54										481;8								3						F;663	3
F12CB	D-32-013				B			AA55	AA55			Aa55										481;9	162;1	4;96						10	6				4	F;667	7
F12CC	D-32-014				F																	481;10														F;669	2
D33. Thighs																																					
F12ED	D-33-001				D			D285	D285			D285										118;4														D;1024	2
D34. Legs																																					
F12F0	D-34-001			130B8				D54	D54			D54	22871	731	9675	11857	608	1_2328	D54	D054	61;4	118;5	158;26	2;87	D;7900		821;2			1226	137	42	31	1	688	D;1025	20
F12F1	D-34-002			130BD				D55	D55			D55	807	35	384	382	6	1_2329	D55	D055	62;1	118;6	158;29	2;88	D;8000		821;3			30	1		2		7	D;1027	18
F12F2	D-34-003																					118;7														D;1033	2
F12F3	D-34-004				A			D286	D286			D286	185	184		1						118;8			D;8200											D;1035	5
F12F4	D-34-005				B			D287	D287			D287	19	17		2						118;9														D;1119	4
F1347	D-34-006				E			HA1305												D447												2					2
F12F5	D-34-007				D			D291	D291			D291	1	1											D;8300	1430;11	823;17										4
F12F6	D-34-008				C			D292	D292			D292	1	1				1_2125							D;8150	1430;12	824;1										5
F12FC	D-34-009				B			D288	D288			D288	28			27	1					119;1	158;28							53	2	1	7	2	7	D;217	11
F12FD	D-34-010																					119;2														D;219	2
F12FE	D-34-011				E			D289	D289			D289										119;3								1			1			D;1113	4
F12FF	D-34-012							D290	D290			D290										119;4														D;1115	2
F130D	D-34-013			130BC				D54A			D54A	D54A	73		52	21			FF3	D054A														77			5
D35. Leg																																					
F1310	D-35-001			130BE				D56	D56			D56	3316	415	1401	1439	61	1_2330	D56	D056	62;2	119;5	158;30	2;101	D;8400		821;4			103	12	3	2	8	51	D;1129	20
F1311	D-35-002																					119;7														D;1131	2
F1348	D-35-003							D56A																													
F1312	D-35-004				E			D293	D293			D293										119;8		2;110	D;8600											D;1213	4
F1313	D-35-005			130BF		S		D57	D57			D57	253		146	107		1_2331	D57	D057		119;9	158;31	2;105	D;8500		821;6			1					8	D;1167	13
F1314	D-35-007				E	S		D57A	D57A			D57A									62;3									1			1				3
F1315	D-35-008				C	S		D57B	D57B			D57B	3			3					62;3											1	1				4

Index	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F12C2											F12ADH (JSesh N104)	N (manual)	N	N						Is covered by F12AD4 (Jesh N104).				
F12C3		Y	DIFF							Y/i		Y (in core)		Y						Is covered by F12AD4 (Jesh N104).		JSesh glyph different	Yes	
F12C4												N (manual)	N	N						Duplicate of F12AD4 (Jesh N104).				
F12C5												N (auto)		N						No sources given.				
F12C6												N (auto)		N						No sources given.				
F12C7										Y/i	Gauthier, temple Kalabchah I, p. 15, pl. V.a (bandeau).	Y (in core)		Y				A well with three lines coming from the top.	Phonemogram Hm.	Description is more based on the functional overlap with N41-N42, rather than any certainty what the sign represents.				
F12C8		Y								Y/i	KIU 3565, line 1	Y (in core)		Y				The uterus of a cow, represented as two separate vertical lines with a curl on the top.	Phonemogram wr.					
F12C9										Y/i	TSL	Y (v5.2)		Y				The uterus of a cow.	Logogram id.t (uterus, womb).					
F12CA												N (manual)	N	N						Not a meaningful variant of F12C9.		related to F45		
F12CB										Y/i	Tôd II, p. 225-226 (Nr. 286,6), Tôd III, p. 212.	Y (in core)		Y				The uterus of a cow, represented as two separate vertical lines with a curl on the top, on top of a half-circle.	Phonemogram wr(.t).	Note that in the transcription 578 was used. JH-D token Dendera XV, p. 69,8, commentaire pl. XXVIII has the sign too (although my image is rather poor).		related to F45		
F12CC												N (manual)	N	N						Duplicate of F12CB (Aa55).				
F12ED												N (manual)	N	N						No sources given.				
F12F0										Y/i	TSL	Y (v5.2)		Y				Legs in a walking posture, feet orientated towards the reading	Classifier movement.	Not to be rotated or mirrored.				
F12F1										Y/i	TSL	Y (v5.2)		Y				Legs in a walking posture, feet orientated away from the reading direction.	Classifier reverse movement.	Not to be rotated or mirrored. Duplicate of F12F0 (D54).				
F12F2												N (manual)	N	N										
F12F3		faster movement	Y							Y/i	Unas, PT 253c, Piankoff pl. 37, 8th col from left.	Y (in core)		Y				Legs in a walking posture, feet orientated towards the reading direction, back foot only touches the baseline with the toes.	Classifier to run (bf?).	Not to be rotated.				
F12F4		mumiaeed falling man; not simply 90°	Y/MU TIL							Y/i	Unas, PT 255a, Piankoff pl. 68, 6th col from right.	Y (in core)		Y				Legs in a walking posture, rotated 90° forward, feet towards the bottom.	Classifier to fall (wr).	Not to be rotated. 'mutilated' form of A15.				
F1347										Y/i	Dendera, Porte d'Hathor, p. 6,4, p. 74; 30,8, p. 99	Y (in core)		Y				Hieratic representation of legs in a walking posture, feet orientated away from the reading direction (D55).	Classifier turning back (ỉnw).	Hieratic form of D55. Move the sign a bit closer to F12P1 (D55).	Hathor 6,5 11,10			
F12F5										Y/i	Pepi I, P/T/W A38, (PT 825a, sethe column 103). See berlin image.	Y (in core)		Y				Two legs, spread out, knees bent, toes orientated away from each other.	Classifier to spread (pš5).					
F12F6		walk upside down	Y/MU TIL							Y/i	Unas, PT 323c, Piankoff pl. 21, col 5 from left.	Y (in core)		Y				Legs in a walking posture, upside down, toes towards the reading	Classifier to be upside down (sḏd).	Not to be rotated (man upside down).				
F12FC		Y								Y/i	Edfu VIII, 66,6, Bartels photo 0079.	Y (in core)		Y				Legs in a walking posture, feet orientated towards the reading direction (D54), with a mouth (D21)	Interpretant r and classifier movement (prr).					
F12FD												N (auto)		N						No sources given.				
F12FE										Y/i	Dendera X, p. 176,2, pl. 86 (left image, column in front of top left figure on the outer circle).	Y (in core)		Y				Legs in a walking posture, feet orientated towards the reading direction (D54), with a half round loaf of bread (X1)	Phonemogram t (dental) and classifier movement (sḏd).					
F12FF												N (auto)		N						No sources given.				
F130D				It would be nice to find a hieroglyphic example (Deir el-medina tomb or stela?)						Y/i	P. Anastasi 4, col. 10, line 4.	Y (v5.2)		Y				Legs in a walking posture, feet orientated towards the reading direction, with a hook added to the front lee.	Logogram iwi (to come).		hieratic			
F1310										Y/i	TSL	Y (v5.2)		Y				A leg with a bend knee.	Classifier leg/foot (rd).					
F1311												N (manual)	N	N		F1310				F1310 (D56) slightly rotated.				
F1348										Y/i	Dendera II, p. 200,2	Y (in core)		Y				A leg with a bend knee, with the upper leg written horizontally.	Phonemogram wr.	Found and verified by Peter Dils.			Additional row	
F1312										Y/i	Cairo CG 28037 (coffin M7C), back, right hand side, freeze, second line.	N (manual)	N	N				A vase on its side, with liquid issuing from it (N54), with two legs with a bend knee written below it.	Logogram iai-rd.wy (to wash the two legs).	Insertion. Verified with image (Cairo CG 28037 (coffin M7C)), and this represents W54&&&(D56*D56), so it is an corner insertion.			No/No	
F1313										Y/i	TSL	Y (v5.2)		Y				A leg with a bend knee (D56), with a knife with a rounded blade and rounded handle (T30) written over it.	Classifier damage, injury (nkn).	Not an overlay, due to the function.				
F1314												N (manual)	N	N				A leg worn a demo knee (D56), with a knife with a triangular blade and straight handle (T30A) written over it, blade	Logogram thi (to transgress).	Found and verified by Peter Dils. F1313 with T30A, instead of T30. Seems to be an overlay, and the JH-D token (Dendera XV, p. 182,11, commentaire pl. XL (classifier to go astray (th)]) is not clear enough in my image to verify the orientation of the knife. Caveille did not provide a source for this specific sign.			Additional row	
F1315		?	DIFF							Y/i	P. Turin 1791 (BotC), chapter 115, col. 4.	N (manual)	N	N				A leg with a bend knee (D56), written with the lower leg over a knife with a triangular blade and straight handle, orientated with the blade downwards and the handle forwards, at a slight angle.	Classifier injury (jAT)	Should probably be done by overlay.				

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
																																					by;zkw	
F1316	D-35-009				B			D57C	D57C			D57C	**9**			9						62;3	119;10								23	1	1				D;1169		7
F1317	D-35-010				B			D57D	D57D			D57D	**4**			4						62;3									18	2		1	2				6
F1318	D-35-011							D294	D294			D294											119;11													D;1137		2
F1319	D-35-012				130C0			D58	D58			D58	**27460**	3585	10296	11904	1675	1_2336	058	D058	62;4	119;1	158;32	2;100	D;8800	821;7				1034	151	45	30	163	1123	D;1123	*h;ht;ht; ht1;hw;pt;m*	20
F131A	D-35-013																						119;14													D;1127		2
F131B	D-35-014							D295	D295			D295											119;15													D;1133		2
F131C	D-35-015				C			D300	D300			D300	**7**			7		1_2136					120;1													D;1125		4
F134A	D-35-016							D300A																														
F131D	D-35-017				130C2			D60	D60			D60	**1353**	30	471	747	105	1_2339	060	D060	62;5	120;2	158;33	2;109	D;9000	821;9				234	3	7	6	16	57	D;1189	*D;w;w^b*	20
F131E	D-35-018				F																		120;3													D;1187		2
F131F	D-35-019																						120;4													D;1207		2
F132D	D-35-020				F	S		D343	D343			D343											120;5												1	D;1209	*w^b*	3
F1321	D-35-021				E	S		D415	D415			D415									62;5	120;6														D;1205		3
F1322	D-35-022					S		D301	D301			D301									68;9	120;7														D;1211		3
F133C	D-35-023				B	S		D340	D340			D340	**2**			2					62;5									7	1		5		34			6
F133D	D-35-024				B			D340A		D340A											D340A									64								2
F133E	D-35-025				F			D429		D429																					1							1
F133F	D-35-026				F	S		D362	D362			D362										68;9									1							2
F1340	D-35-027				B	S		D384	D384			D384	**11**			11													D8005									2
F1341	D-35-028					S		D342	D342			D342																										
F1342	D-35-029					S		D344	D344			D344																										
F1344	D-35-030				D	S		D366	D366			D366																		3							*^b;^b:k;b:l;b^*	1
F1323	D-35-031				130C1		S	D59	D59			D59	**80**	4	44	32	1_2337	059	D059		120;8	2;113	D;8900	821;8					48	4	1	2	11	28	D;609	*^hh*	17
F1324	D-35-032				E	S		D298	D298			D298										120;9	2;115													D;611	*h^h^*	3
F1325	D-35-033				E	S		D299	D299			D299										120;10	2;116													D;615		3
F1326	D-35-034					S		D303	D303			D303										120;11														D;1221	*^hh*	2
F1327	D-35-035				E	S		D296	D296			D296										120;12	2;114													D;613		3
F1328	D-35-036					S		D297	D297			D297										120;13														D;621		2

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
								A leg with a bend knee (D56), written with the upper leg over a knife with a triangular blade and straight handle, orientated with the blade upwards and the handle forwards, at a slight angle.	Classifier to disappear (unk).	Exists, but in Dendera often misused for F1321 (D57) with T3DA. The only reason for inclusion would be the rather unique placement of the knife, but technically the overlay would serve. Function based on Cauville (Dendera X, index, p. 505)	
Y;ñ	Dendera X, p. 99,7, pl. 69, col. 121.	Y (in core)		Y							
								A leg with a bend knee (D56), written with the upper leg over a knife with a triangular blade and straight handle, orientated with the blade downwards and the handle forwards, at a slight angle.	Logogram th (transgression).	Due to specific location of the blade, I doubt an overlay will work here. I doubt there is any functional difference between F1314, F1315 and F1316.	
Y;ñ	Edfu VIII, 20,3, Bartels photo 0032	Y (in core)		Y							
		N (auto)		N						No sources given.	
Y;ñ	TSL	Y (v5.2)		Y				A human foot and lower leg.	Phonemogram b.		
		N (manual)	N	N						A slightly more elaborate form of F1319, but practically a duplicate. (and no sources given).	
		N (auto)		N						No sources given.	
								A human foot and lower leg (D58), with a forward, downwards dotted line coming from the top.	Logogram wab (to be pure, to be clean).		
Y;ñ	TSL	Y (in core)		Y							
	G. Rosati, in: Miniaci, The World of Middle Kingdom Egypt, II (Middle Kingdom Studies 2),p. 224-225 and fig. 11 (Stela Florence Inv. 7594), line 3.										
								A human foot and lower leg (D58), with a backwards, downwards dotted line coming from the top.	Logogram wab (to be pure, to be clean).	Found and verified by Peter Dils.	
Y;ñ		Y (in core)		Y							
								A human foot and lower leg (D58), with a vase on its side, with liquid issuing from it (W54) on top of it.	Logogram wab (to be pure, to be clean).		
Y;ñ	TSL	Y (v5.2)		Y							
		N (manual)	N	N						Meaningless variant of F131D (D60).	
		N (auto)		N						No source given.	
		N (manual)	N	N						Insertion. No source given.	
										Insertion. Lauxxe did not provide a source for this sign. Valeurs token (Edfu VII, p. 17,7, verified with image of Philipp Seyr) uses N36, not N36B.	
		N (manual)	N	N						Insertion. Lauxxe token (Dendera X, p. 275,14, pl. 163, col. 55) is F133F (D362).	
		N (manual)	N	N							
								A human foot and lower leg (D58), with a vase on its side, with liquid issuing from it (W54) on top of it, with a canal (N36) written between the shin and the	Logogram wab (to be pure, to be clean).	Insertion. **Moved**. Move behind F1322 (D301).	
Y;ñ	Edfu VII, 69,8-9, Bartels photo (wall) 280.	N (manual)	N	N							
								A human foot and lower leg (D58), with a vase on its side, with liquid issuing from it (W54) on top of it, with the line of liquid ending on	Logogram wab (to be pure, to be clean).	Verified by Peter Dils. Note that the leg uses the more elaborate F131A form. **Moved**. Move behind F1322 (D301).	
Y;ñ	Dendera XV, p. 219,6	Y (in core)		Y							
										waxes. wxxxe oenna F1322 (D301). JH-D token (Dendera XII, p. 74,9) could not be verified with an image.	
		N (auto)		N							
								lower leg (D58), with a vase on its side, with liquid issuing from it (W54) on top of it, with a loop of cord with the ends upwards (V6) written between the shin and the	Logogram wab:t (pure garment)	Insertion. **Moved**. Move behind F1322 (D301).	
Y;ñ	Dendera X, p. 275,14, pl. 163, col. 55	N (manual)	N	N							
								lower leg (D58), with a vase on its side, with liquid issuing from it (W54) on top of it, with a half round loaf of bread (X1) written between the shin and the line of water.	Logogram/Phonogram wab:t (which is pure)	Insertion. **Moved**. Move behind F1322 (D301).	
Y;ñ	MDAIK 31,1 (Schenkel 1975), taf. 46, third line of b.	N (manual)	N	N							
		N (manual)	N	N						Insertion. No source given. **Moved**.	
		N (manual)	N	N						Insertion. No source given. **Moved**.	
								A human foot and lower leg (D58), with a vase on its side, with liquid issuing from it (W54) on top of it, with a vertical stroke (A1) written between the shin	Phonemogram/logogram wab (to be pure (in swab (to cleanse, to purify)).	Insertion. **Moved**. Move behind F1322 (D301). Note that the token has the Z1 floating in the same location as the other D60 insertions, not at the toe.	
Y;ñ	Dendera XI, p. 80,10, pl. 61 (bottom image).	N (manual)	N	N							
								A forearm, with the palm of the hand facing upwards (D36) written over a human foot and lower leg (D58).	Phonemogram ab.	With overlay controls, this sign is no longer needed.	
Y;ñ	TSL	N (manual)	N	N							
								A forearm, with the palm of the hand facing upwards (D36) written over two human feet and lower legs (D58), arranged horizontally. Two forearms, with the palm of the hand facing upwards (D36), arranged vertically, written over two human feet and lower legs (D58), arranged	Phonemogram abb.	Overlay.	
Y;ñ	Edfu VI, p. 87,2, Edfu XII, pl. DXII.	N (manual)	N	N							
									Phonemogram baba.	Overlay.	
Y;ñ	Edfu VI, p. 77,8, Edfu XII, pl. DXV.	N (manual)	N	N						Overlay and arrangement. No sources given.	
		N (manual)	N	N						Kurth/Valeurs token (Edfu IV, p. 374,1) could not be verified with an image.	
		N (manual)	N	N						Overlay. No sources given.	
		N (manual)	N	N							

Comment MS	Change (Berlin)	Changes (post 19-02-2023)
	Yes	
	Yes	
	Additional row	

Vote DW	Vote DW Core (2021)	DW differentiality	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiality	Comment SP
N	Y	DIFF	The only images I could check are all too vague to be certain, but they all looooked like D57D to me, especially Edfu VIII, 20,3, which I am nearly certain that the blade of the knife is downwards (photo 0032). (I am aware that the transcription of Chassinat has the knife blade upwards, but I could not see any evidence of that.					Ptolemaic and could not be verified.
	N	DIFF						

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight	Vots	Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP	VP Val
F1329	D-35-037				B	S		D302	D302			D302										120;14	2;102							5					6	D;1143	5										
F132A	D-35-038					S																120;15														D;1161	2										
F132B	D-35-039					S		D305	D305			D305										120;16														D;1173	2										
F132C	D-35-040					S		D306	D306			D306										121;1														D;1201	2										
F132D	D-35-041				F	S		D307	D307			D307	1			1						121;2														D;221	3		N								
F132E	D-35-042				F	S		D308	D308			D308										121;3													1	D;1145	3										
F132F	D-35-043				A	S		D304	D304			D304	48			38	10					121;4	2;103							70	4	3	3		15	D;1147	10		N								
F1330	D-35-044				B	S		D310	D310			D310	6			6						121;6	2;104							16	2				10	D;1159	7		N								
F1331	D-35-045				F	S																121;7														D;1157	2										
F1332	D-35-046				F	S		D311	D311			D311										121;9	2;111													D;1215	3										
F1333	D-35-047				B	S		D313	D313			D313	35		1	34						121;10	2;105							7					1	D;1177	7		N								
F1334	D-35-048				B	S		D313A		D313A												121;11								7							1										
F1335	D-35-049				F	S		D416	D416			D416											2;112													D;1223	2										
F1336	D-35-050					S		D314	D314			D314										121;11														D;1175	2										
F1337	D-35-051					S		D315	D315			D315										121;12														D;1203	2										
F1338	D-35-052				F	S		D409	D409			D409										121;13														D;901	2										
F1339	D-35-053				B	S		D312	D312			D312	11			4	7												D059A		1					D;1163	4		N								
F133A	D-35-054					S		D316	D316			D316										121;14														D;1165	2										
F133B	D-35-055							D317	D317			D317										121;15														D;1153	2										
F1343	D-35-056				B	S		D348	D348			D348	5			5														1				1	3	D;1163	5		N								
F1345	D-35-057				C			D413	D413			D413	1		1			1_2285																		D;1155	3		Y								
F1346	D-35-058				E			D414	D414			D414																						2		1										
D36. Toes																																															
F1360	D-36-001			130C3				D61	D61			D61	123	67	4	52		1_2340_00	D61	D061		122;1	2;118	D;910D		821;10										D;1235	11										
F1361	D-36-002			130C4				D62	D62			D62	3		1	2		1_2340_01	D62	D062						821;11											6										
F1362	D-36-003																					122;2															1			Only available in transcription. (PT 438b (N1) but even there one could wonder if it is this grapheme. See Jequier, pl. XXVII, col 712), additionally, classifier of nTb.t (neck), considering this proof of a town sign variant seems										
F1363	D-36-004				F			D61A	D61A			D61A	1	1								122;3														D;1237	3										
F1364	D-36-005				F																	122;4														D;1233	2										
F1365	D-36-006																					122;5														D;1231	2										
F1366	D-36-007			130C5				D63	D63			D63	73		32	40	1	1_2340_02	D63	D063			2;118	D;9101		821;12									1		10										
F1385	D-36-008							D63H																																						
F1367	D-36-009				E			D63C	D63C			D63C																		2							1										
F1368	D-36-010				B			D63A	D63A			D63A	1			1							2;118							26				1	1	T;269	6				No idea from where this one came.					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
	Dendera X, p. 59;14, pl. 32, col. 110.	N (manual)	N	N				A horn of a bovid (F16), written over a human foot and lower lee (D58).	Phonogram ab.	Overlay.				
		N (manual)	N	N						Overlay. no sources given.				
		N (manual)	N	N						Overlay. No sources given.				
		N (manual)	N	N						Overlay. no sources given.				
	Edfu VII, 58,9-10, Bartels photo (wall) 300.							A mouth (D21), written over a human foot and lower leg (D58).	Phonogram br.	Overlay.				
		N (manual)	N	N						Overlay. No sources given.				
		N (manual)	N	N										
	KIU 3601, line 6.	N (manual)	N	N				The upper and tail of an animal, seen from below (F32), written over a human foot and	Phonogram bAX	Overlay.				
	Edfu VIII, 18,14, Bartels photo 0031.	N (manual)	N	N				A rectangular pool, with three diagonal strokes written inside (N37A), written over a human foot and lower lee (D58).	Phonogram Sb.	Overlay.				
		N (manual)	N	N						Overlay. I could not locate where the WB I, p. 371 token occurs, but as it is referenced as GR period, I assume it would be F1330 (D310).				
		N (manual)	N	N						sunnyvaleurs token (Edfu IV, p. 309;13) could not be verified with an image.				
	KIU 1748, line 8; Edfu VIII, 42,11, Bartels photo 0057 (above the third winged figure from the left).	N (manual)	N	N				A wickerwork basket with a handle, orientated with the handle to the back (V31), written over a human foot and lower leg (D58).	Phonogram kb.	Overlay.				
	Dendera XV, p. 343,4	N (manual)	N	N				A wickerwork basket with a handle, orientated with the handle to the front (V31A), written over a human foot and lower leg (D58).	Phonogram gb.	Overlay. Verified by Peter Dils.				
								Two wickerwork basket with a handle, orientated with the handle to the back (V31) arranged vertically, written over two human feet and lower legs (D58), arranged horizontally.						
	Edfu VII, p. 292,12, Bartels, photo (wall) 2042.	N (manual)	N	N					Phonogram gbgb.	Overlay. Token is difficult to see, but there.				
		N (manual)	N	N						Overlay. No sources given.				
		N (manual)	N	N						Overlay. No sources given.				
										token (WB V, 262) is F1339 (D312), and the other valeurs token does not even have this sign (Allot, culte II, p. 670).				
		N (manual)	N	N										
	KIU 988, line 6.	N (manual)	N	N				A human hand (D46) written over a human foot and lower lee (D58).	Phonogram db.	Overlay.		var D409		
		N (manual)	N	N						Overlay. No sources given.				
		N (auto)		N						No sources given.				
	Edfu VII, 44,9-10, Bartels photo (wall) 329.	N (manual)	N	N				A door-bolt (O34), written over a human foot and lower leg (D58).	Phonogram zb.	Overlay.				
	TSL	Y (in core)		Y				A fire-drill in a piece of wood (U28), written on top of a human foot and lower lee (D58).	Phonogram Ab	Phonetic reduction of iAb, as this sign is functionally closer to R15.				
		N (auto)		N						No sources given, not supported.				
	TSL	Y (v5.2)		Y				A stylised row of three toes, with the ovals at the left side.	Phono-repeater sAH.					
	TSL	Y (v5.2)		Y				A stylised row of three toes, with the ovals at the right side.	Phonogram sAH.					
		N (auto)		N						No sources given.				
		N (auto)		N						Not supported.				
		N (manual)	N	N						Duplicate of F1201 (D62).				
		N (auto)		N						No sources given.				
	TSL	Y (v5.2)		Y				A stylised set of two toes, resembling a cloth wound on a pole, an emblem of divinity (R8), on top of a base with a loop at the far end. A stylised set of two toes, resembling a cloth wound on a pole, an emblem of divinity (R8), on top of a base resembling a tusk of an elephant (F18), with two lines connecting the two emblems, the top line horizontal, the bottom line at an angle, connecting to the top line at the	Phonogram sAH.	Found and verified by Peter Dils.			Additional row.	
	Marimont, Dieux (2016), p. 283.	Y (in core)		Y										
	Dendera 261.7, pl. 144 (middle section, left column).	Y (in core)		Y				A stylised set of two toes, resembling a harpoon-head with two horizontal strokes and a single curl on top of the point (HG T19), on top of base resembling the left side of the sky (mirror N44).	Phonogram sAH. (Orion).	The image is not clear enough to be certain which type of T19 is used, but the triangle of the base is at the front.			Yes	
	KIU 3956, line 6.	Y (in core)		Y				A stylised set of two toes, resembling a harpoon-head with two horizontal strokes and a single curl on top of the point (HG T19), on top of base resembling the right side of the sky (N44).	Phonogram sAH.	All JH-D tokens from Dendera X would be better served by F1371 (D58), which makes the Dendera XIII-XV tokens doubtful as well.		JSesh has similar D63A and D63D		

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | VP Val ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

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|---|---|---

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|---|---|---

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|---|---|---

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|---|---|---

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F149J	E-05-004				D		E104	E104			E104	1			1						79;7	128;5	159;7	3;16a					1					E;263	*ms-ib	7
F149K	E-05-005				E		E105	E105			E105										79;8	128;6												E;269		3
F177S	E-05-006						E92E																	3;38													1
F149S	E-05-007				C		E9B	E9B			E9B	2				2					70;6	128;7							3					E;261	*w	5
F149T	E-05-008				B		E9A	E9A			E9A	11				11				E0090	70;6	128;8	159;8						53	9	3	5	7	11	E;257		12
F149U	E-05-009			130D8			E9	E9			E9	1253	44	512	651	46	1_2850	E9	E009			128;9	159;8	3;35			824;16		14				1	19	E;277	*w;:5f;5:wm	15
F149V	E-05-010				B		E9C	E9C			E9C	7			6	1					70;6	128;10							10				2	E;259	*ibr	7
F149J	E-05-011				F																	128;11												E;281	*w;:5f;5:wr;it	2
F149A	E-05-012				F																	128;12												E;279	*w:;ffjfw	2
F149B	E-05-013				F																	128;13												E;283		2
F149C	E-05-014																					128;14														1
E06. Dog; jackal standing (chien debout)																																					
F148D	E-06-001				F																	129;1												E;459	*;f:fh;:f;:tw;:m;iwi;fjfh;;x;:rh;:xp;:xpr;:xfj;:xf;:xq;:;:f;1	2
F148I	E-06-002				F		E14C	E14C			E14C											129;3												E;449	*pm	2
F148H	E-06-003			130E1			E14	E14			E14	13	1		11	1	1_2466	E14	E014			129;4	159;19	3;78	E;3200		825;4				1				E;447	*w	13
F148G	E-06-004			130E5			E17	E17			E17	409	40	15	344	10	1_2538	E17	E017	72;2	129;5	159;24	3;79	E;3600		825;8			650	1	17	50	20	213	E;457	*;f:fh;:f;:tw;:w;:mm;:x;:rh;:xh;:hw;:xp;:xr1;:xh1	20
F14C6	E-06-005						E17B																														1
F148J	E-06-006					22	E227	E227			E227														E;3800												1
F148K	E-06-007				F		E17A	E17A			E17A	1			1							129;7												E;519		3
F148L	E-06-008				F																	129;8												E;461	*xr1	2
F148M	E-06-009				C		E139	E139			E139	2			2						81;6	129;9	159;27	3;83					6			1		E;469	*mn;:mnn	8
F148N	E-06-010						E140	E140			E140											129;1	159;28												E;473		3
F148O	E-06-011				D		E195	E195			E195										84;1		159;29	3;83a					1		1			E;465		5
F148A	E-06-012						E294	E294			E294																										1
F14C7	E-06-013						E294A																														1
F148B	E-06-014				F																	129;11												E;463	*xfj;xt;:xt;:xd	2
F148C	E-06-015			130E6			E141	E141			E141	4			4				E017A		81;7	129;1	159;30	3;82	E;3700		e128bis v3		16		2		2	E;465	*xr;:xr1	12
F148D	E-06-016				E		E141A	E141A			E141J											129;1	159;30	3;82											E;467		4
F14C8	E-06-017						E141B																														
F148E	E-06-018			130E7			E18	E18			E18	28	10		16	2	1_2557_00	E18	E018	72;3	129;1	159;31	3;84	E;3900		825;9									E;479	*y;:wp-w:bw	13
F148F	E-06-019				F																	130;1												E;477	*;:wp	2

Index	Comment DW	Vote DW Core (2021)	DW differentiality	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiality	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F149J				TLA token could (Edfu VII, 5,4) could not be verified with an image.						Y/I	Dendera XI, p. 143,9, pl. 118-119 (Randeau)	Y (in core)		Y				A bubalis antilope, standing, head looking forwards (E103), with a cobra in repose (Naja haja), with its tail coiled up, in a single coil (I80A).	Phonemogram Ssr.					
F149K										R/I	Dendera VI, p. 42,2, pl. CCCC1300X	Y (in core)		Y				A bubalis antilope, standing, head looking backwards (E103A), with an African sacred ibis (Threskiornis aethiopicus) (G26A) on its back.	Logogram/Phonogram Ams-ib (to make glad, to be glad).	Redraw sign with the Bubalis looking backwards (I have no idea where this error originated, still correct orientation in IFAO/Valeurs font).		redrawn in place		
F1775												N (manual)	N	N						**Moved**. Practically a duplicate of what the redraw of F1494 (E105) should look like (i.e., a Bubalis, not a cow). JH-D tokens: Dendera XIV, p. 8,7 could not be verified with an image, Dendera XIV, p. 70,13, commentaire pl. XXIX, my image is too poor to be certain about the leg position, Dendera XIV, p. 181,3, Commentaire pl. LXXXIV looks more like E9 or E101 without horns. None of Cauville (2001) tokens				
F1495				Could not clearly see it, but both examples in Karnak look more like E9A to me (official Karnak image not yet available).								Y (>=D_ISeh/WG)		N										
F149T	Y									Y/I	KIU 3553, line 3; 4	Y (in core)		Y				A newborn bubalis antilope, lying down, three legs folded beneath the body, right front leg extended forwards.	Phonemogram Iw.					
F149U										Y/I	TSL	Y (v5.2)		Y				A newborn bubalis antilope, lying down, legs folded beneath the body, lone tail downwards.	Phonemogram Iw.			new born		
F149V	Y									Y/I	KIU 1966, line 7.	Y (in core)		Y				A newborn bubalis antilope, lying down, legs folded beneath the body, short tail upwards.	Phonemogram Iw.					
F149J												N (manual)	N	N						Duplicate of F1497 (E9).				
F149A												N (manual)	N	N						Duplicate of F1497 (E9).				
F149B												N (manual)	N	N						Mirrored form of F149A.				
F149C												N (manual)	N	N						Duplicate of F1496 (E9A).				
F148D												N (manual)	N	N		F1483				Practically a duplicate of F1483 (E17).				
F148I												N (manual)	N	N		F1482				Practically a duplicate of F1482 (E14).				
F148H										Y/I	TSL	Y (v5.2)		Y				A hunting hound, standing, tall curling upwards.	Classifier dog/hound (Tsm). +nomen/gram zAb > zAb.					
F148G										Y/I	TSL	Y (v5.2)		Y				A jackal, standing, tall down.						
F148L										Y/I	Medinet Habu I, (OIP 8), pl. 35, col. 8.	Y (in core)		Y				A jackal, running, tail down.	Classifier jackal (wnS.w)	Found and verified by Peter Dils.			Additional row	
F148M										Y/I	Statue of Ptahmose, cloth, left columns (Florence n. 1790 [Cat. Schiaparelli n. 1505]).	Y (in core)		Y				Two jackals, standing, tail down, overlapping each other.	Phonemogram/logogram sb.ywi (those that conduct).	more a phonemogram than a logogram, but the border can be a bit vague. However, taking this as a dual seems a bit unusual here (used in the title wr nm.t m sbi.ywi) wiA (n) skr (great of strides among the ones who conduct the bark of Sokar) (if I got that correctly)).				
F148N										Y/I		N (auto)		N						Not supported.				
F148O												N (manual)	N	N		F1483				Practically a duplicate of F1483 (E17).				
F148A				I.i.A. example .N.i.t7 ib, p. 10b, col 3 is E146. (added as TSL candidate there).						Y/I	Dendera XI, 27,9, pl. CI308	Y (in core)		Y				A jackal, standing, tail down, with a feather (H6) angled forwards at its front paw.	Phonemogram Imn.t.	Could be considered a logogram imn.t (west) as well. no sources given (Leitz does not provide sources).				
F14C7												N (auto)		N										
F148B										Y/I	Dendera Porte d'Hathor, p. 46,4, p. 112.	Y (in core)		Y				A jackal, standing, tail down, with a feather (H6) angled backwards on its rear.	Phonemogram/logogram sAb-Sa:t (many-coloured of plumage).					
F148C										Y/I	KIU 1014, line 17.	Y (in core)		Y				A desert plant with two branches, with a downwards hanging flower at the top, written over a jackal, standing, tail down (E17).	Logogram sAb Sma.w (jackal of Upper Egypt).	Technically an overlay, but it would require the addition of the plant, as it is not covered by any of the M23A variants, so it would probably be better to make this atomic.			Yes	
F148D										Y/I	ägyptisches Museum Berlin, Berlin 1967, 74, Abb./Nr. 805 (Berlin, Inv. 2/63,3/63,3/64, 2/64)	Y (in core)		Y				A nowering sedge (M23A), written over a jackal, standing, tail down (E17); on top of a standard used for carrying religious symbols (R12).	Logogram wp-wA.wt-Sma.w (Wepawaet of Upper Egypt).	Found and verified by Peter Dils.			Additional row	
F14C8												N (manual)	N	N		F148C				Duplicate of F148BC (E141).				
F148E										Y/I	Leonidere a. 347,1, pl. 223 (bottom image, col. 5).	Y (v5.2)		Y				A jackal, standing, tail down, head looking backwards.	Phonemogram sTA.					
F148F										Y/I	L. Delvaux & I. Therasse, Sarcophages. Sous les étoiles de Nout, Bruxelles 2015, 77 (Brussels Inv. E. 8035).	Y (in core)		Y				A jackal, standing, tail down, head looking backwards, with a band of string or fabric around its neck, ties towards the front.		Valeurs refers to Brugsch and Loret, i.e., no source. All Kurth tokens were F148C (E141).		Confirmed by PD 3/5/2023		
F14C9										Y/I		Y (in core)		Y				A jackal, standing, tail down, with a band of string or fabric around its neck, ties towards the front, hanging downwards.	Phonemogram sTA.	Found and verified by Peter Dils.			Additional row	
F148G										Y/I		Y (v5.2)		Y				A jackal, standing, tail down (E17), on top of a standard used for the carrying of religious symbols, with an uraeus at the front of the standard.	Logogram wp-wA.wt (Wepawaet).					
F148H												N (manual)	N	N		F148E				Valeurs token Drioton, RdE 1, p. 223 (Louvre C15) is being held by a human, and the Junker Schrift. p. 8 token is F1423 (E145A). Additionally, practically a duplicate of F148E.				

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|---|---|---

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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikev	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F15AD	E-14-030				F			E283	E283			E283									87;5									1							2
E15. Hyena (hyena)																																					
																																			h;hi		
F15C0	E-15-001				C			E82	E82			E82	1			1		1_2838				134;14		3;76a	E;4100	1431;3	826;15							1	E;443		9
F15C1	E-15-002				D			E258	E258			E258	1			1						134;15													E;445		3
E16. Hare (lewa)																																					
F15D0	E-16-001				130F9			E34	E34			E34	**7320**	938	2318	3719	345	1_2760	E34	E034	74;4	135;1	160;45	3;2	E;8000		826;13			312				3	222	E;5	*lL;wn*	17
																																				wn		
F15D1	E-16-002				A			E34A		E34A										E034G	74;4	135;3							743	71	41	38			E;7		8
F15D2	E-16-003							E34E																													
F15D3	E-16-004				F																														E;9	*w;wn*	1
																																				w		
F15D4	E-16-005				130FA			E34D			E34A							1_2760	E34*	E034A		135;6													E;3		5
F15D8	E-16-006							E34G																													
F15D5	E-16-007																																		E;11		1
F15D6	E-16-008				F																														E;13	*n*	1
F15D7	E-16-009				B			E34C				E34A	**16**			16				E034C														1				3
F15D8	E-16-010			13246				E34B	E34B			E34B	**9**			9			E35 N	NU015	74;5		160;46		E;8100												6
F15D9	E-16-011							NU15			NU15	NU15																										
																																				wn-nfr		
F15DA	E-16-012				D			E81	E81			E81										135;9	160;47	3;4											E;15		4
E17. Lion (lion)																																					
F15F0	E-17-001			130EC				E22	E22			E22	**36**	1		33	2	1_2646	E22	E022	72;4	135;1	159;46	3;46a	E;4600		825;14			28	6	3	9		10	E;321	*pHty;wr;wL;mL;mp;sr;r;hry;* *hh;ẖh;x;ib;;ba";h;h!* *nb-t!wy*	18
F15F1	E-17-002				E			E27B	E27B			E27B											160;2	3;46b											N;327		3
F15F2	E-17-003							E292	E292			E292																										
F15F3	E-17-004				B			E22A	E22A			E22A	**5**			2	3				72;5	135;1	159;46	3;46c	E;4601					4	3		1		1	E;325		12
F15F4	E-17-005				F																	135;14													E;323	*pHty;wh*	2
F15F5	E-17-006				E			E200	E200			E200	**1**				1													1								2
F15F6	E-17-007				C			E200A	E200A			E200/										159;45	3;53a		E;4500					1	2			1	E;341		7
F15F7	E-17-008				B			E23A	E23A			E23A	**8**			8					73;1	136;16			E;4701					2			1	1	E;351		8
F163E	E-17-009							E23B										1_7000																				
F15F8	E-17-010																					136;11													E;353		2
F15F9	E-17-011			130ED				E23	E23			E23	**2404**	93	987	1008	316	1_2658	E23	E023	73;1	136;1	159;36	3;54	E;4700		826;1			634	66	27	22	121	208	E;355	*Ir;*r;w;xp;f;m;ml;mr;nh;r* *r!;r;w;ẖa;hf*	20
F162E	E-17-012				F			E518B		E518B																				1								1
F15FA	E-17-013				C			HO42D2														136;14										1			E;343	*pHty;mr;nh;mm;r;ẖa";ẖ*	3
																																				mnhy!;rpq!t		
F15FB	E-17-014				D			E108A	E108A			E108/										136;2	160;3	3;49						2					E;329	*mnhy!;rpq!t*	5
F15FC	E-17-015				E			E108	E108			E108										136;3								1		1			E;331		4

Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP
			Note that in the Papyrus Ani (from which the TLA token comes, it is much clearer that a Hyena is intended here.					
	Y		TLA token is badly damaged.					

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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F162F	E-17-066				F			H04201													E314											1				2
F1632	E-17-067							H04201A										1_7076																			2
E18. Panther (panthere)																																					
F1640	E-18-001			130EE			E24	E24			E24	**12**	1		9	2	1_2670	E24	E024	73;2	137;1	159;35	3;76	E;5200		826;2			1	1				2	E;439		16
F1641	E-18-002						E24A	E24A			E24A													E;5201												1
F1642	E-18-003				C		E24B		E24B												E024B	73;3	137;12						3	2				E;441		6
F1643	E-18-004						E24C																														
E19. Pig (porc)																																					
F1650	E-19-001				C		E12	E12									1_2432				137;13	3;10												E;87		4
F1651	E-19-002			130DF			E12A				E12	**20**			20			E12	E012		137;14			E;2800		825;2								3	E;89		8
F15AE	E-19-003						E284	E284			E284																										
F15AC	E-19-004				F		E282	E282			E282											160;38	3;10a												E;116		3
F1652	E-19-005						E282A																														
E20. Monkey (singe)																																					
F1660	E-20-001				F																	138;1													E;615		2
F1661	E-20-002				F																	138;2													E;617		2
F1662	E-20-003			130F7			E32	E32			E32	**22**	5	2	14	1	1_2758	E32	E032	74;2	138;3	160;15	3;94	E;7000		826;11			6		5		5	E;619		17
F1663	E-20-004			130F8			E33	E33			E33	**3**			1	2	1_2759	E33	E033	74;3	138;4	160;16	3;113	E;7300		826;12			4					E;541		13
F1664	E-20-005				F																	138;5													E;549		2
F1665	E-20-006			130F8			E35	E35			E35	**7**			7	1	1_2763_00	E36	E036	74;6	138;6	160;17	3;96	E;7100	1430;16	826;14			129	10	36	28	14	E;547		17
F1666	E-20-007				C		E35A				US24l	**1**		1			1_2763_01		E035A																	E;553		3
F1667	E-20-008					S																138;7															1
F1668	E-20-009				F																	138;8															2
F16AB	E-20-010						E35B																														
F1669	E-20-011				C		E36	E36			E36	**3**			3				E036B		138;9	160;19	3;97	E;7600									4	E;551		8
F166A	E-20-012				F		E36A	E36A			E36A												3;98													E;555		2
F166B	E-20-013				D		E37	E37			E37									75;1	138;1	160;20	3;109						1						E;607		6
F166C	E-20-014				E		E37A	E37A			E37A	**1**			1																1					E;569		2
F166D	E-20-015				C		E38	E38			E38						1_2768		E038A	75;2	138;1	160;21	3;100										1	E;569		8

Vots	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
				note that we lack goood images in the TSL, as the tokens of this sign are damaged in nearly every known source.					
	TSL tokens do not testify for this shape								

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
																																					xpẖr:st	
F166E	E-20-016			C			E39	E39			E39	3			3						75;3	138;1	160;21	3;107						1						E;603		7
																																				wp:rnpt	
F166F	E-20-017			F			E40A															138;13		3;99											E;561		3
F167O	E-20-018			E			E40	E40			E40										75;4	138;1	160;22												E;563		4
																																				hr:f:x1:f	
F167I	E-20-019			F			E41	E41			E41										87;4	138;15													E;557		3
																																				dd mdw	
F167Z	E-20-020			B			E42	E42			E42	2			2						75;5	139;1	160;23	3;103						8	3		3			E;575		9
																																				dd mdw in	
F1673	E-20-021			D			E48	E48			E48										76;2	139;7	160;27	3;106						5						E;601		5
																																				ty:x	
F1674	E-20-022			F			E43	E43			E43											139;2		3;101												E;571		3
																																				ra:r:x1:f	
F1675	E-20-023			C			E44	E44			E44											139;3		3;102								1				E;573		4
F1676	E-20-024			F			E270	E270			E270										87;4			3;102									1					3
F1677	E-20-025			D			E196	E196			E196	1			1								160;29	3;108						1						E;608		4
																																				ỉḫr	
F1678	E-20-026			D			E247	E247			E247										87;2		160;30	3;110												E;608		4
F1679	E-20-027			F			E190	E190			E190																			1							1
F167A	E-20-028						E245	E245			E245																								E;559		1
F167B	E-20-029						E269	E269			E269																											
F167C	E-20-030						E271	E271			E271																											
F167D	E-20-031			F			DE163		DE163																					1							1
F167E	E-20-032			E			DE164		DE164																					2							1
																																				wnḥ:wʿq:ỉḫt	
F167F	E-20-033			130FC			E45	E45			E45								E37	E037	75;6	139;4	160;24	3;111		1430;17				5		2	1		3	E;614		12
F16AC	E-20-034						E45A																														
F168D	E-20-035						E272	E272			E272																											

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
								A hamadryas baboon (Papio hamadryas), seated, arms forward, holding a stick, angled towards the face.						
Y/i	Edfu VII, 10,3, Bartels photo 738.	Y (in core)		Y					Logogram sp3r (to write, to inscribe).					
								A hamadryas baboon (Papio hamadryas), seated, arms forward, holding a palm branch, stripped of leaves and notched with a round notch, with the notch towards the body.		Redraw sign to have a bit more space between the face and the MN. I could not locate the Valeurs token (Junker, Schrift, p. 29, or at least where in Dendera it occurs); Kurth tokens (Dendera VIII, p. 11,11; 12,9-10) could not be verified with an image.				
Y/i	Dendera VIII, p. 15,6-9.	Y/ft (in core)		Y/ft					Logogram wp-rnp.t (new years day).				Redraw in place.	
		N (auto)		N						Leavose sowers are F166F (E40A) and could not be verified with an image (Dendera VIII, p. 15,6-9). F1676 (E270), not this sign. One of the Valeurs tokens is the same as Cauville, the other is Mammisi Edfu, p. 55,10, which seems to be E270 as well, although only based on transcription. However, it seems unlikely it is D1 which is held.				
		N (auto)		N										
								A hamadryas baboon (Papio hamadryas), seated, arms forward, holding a staff (S43).	Logogram Dd-mdw (to speak words, to recite).	The triangle in the hand of the baboon should be redrawn to a S43. (as the sign is a play on the baboon (Dd) holding a mdw staff.		redrawn in place		
R/i	Edfu VIII, 95,3, Bartels photo 0125	Y (in core)		Y						The triangle in the hand of the baboon should be redrawn to a S43. (as the sign is a play on the baboon (Dd) holding a mdw staff, with the red crown functioning as ỉỉn.				
								A hamadryas baboon (Papio hamadryas), seated, wearing the red crown (S3), arms forward, holding a staff (S43).						
R/i	Dendera VI, p. 131,12, pl. CLXI.	Y (in core)		Y					Logogram Dd-mdw-in (recitation by)			redrawn in place		
		Y (manual)	Y	N						Valeurs/Kurth token (Daumas, Mammisi Dendera, p. 99,4) could not be verified with an image. *Added manually to the full list for backwards compatibility.*			Yes/No	
										Dendera, porte d'Hathor p. 23,11, p. 92 is practically unrecognisable in the image. Valeurs/Kurt tokens (Daumas, Mammisi Dendera, p. 90,10-11; 105,5) could not be verified with an image. The 3rd Valeurs token (sA=f) is F1676 (E270).				
		Y (n=0_JSeh/WG)		N										
								A hamadryas baboon (Papio hamadryas), seated, arms forward, holding a piece of flesh, point down, curving backwards (F51B).						
Y/i	Dendera VI, p. 110,2, pl. CXLIV (bandeau).	Y (in core)		Y					Phonemogram sA=f					
								A hamadryas baboon (Papio hamadryas), seated, arms forward, holding a round vessel with an upstanding rim (W24).						
Y/i	Edfu VII, p. 10,12	Y (in core)		Y					Phonemogram n-sA.	Verified with image from Philipp Seyr-Lauvaux/Kurth/ Valeurs token (Dendera VII, p. 194,8) could not be verified with an image.				
	No available image.	Y (n=0_JSeh/WG)		N						ỉm-ỉ token (Lacroseva XIV, p. 14,1, Commentaire pl. III), my image is too poor to recognise the sign.				
		N (auto)		N										
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						ỉḥ-ỉ token (Dendera XIV, p. 57,6, commentaire pl. XXI), my image is too poor to recognise the sign. ỉḥ-ỉ tokens (Dendera XIV, p. 57,13, Commentaire pl. XXI; 60,8, Commentaire pl. XXII), my images are too poor to recognise the sign.				
		N (auto)		N										
								A hamadryas baboon (Papio hamadryas), seated, hands on knees, tail folded under the rear (E35), in front of a sheath or receptacle with V shaped indentation at the top, bound at the top with a loop a the backside (V36G); on top of an alabaster basin with a diamond shaped inner marking (W3).		the loop at the back of the V36G might not be there in this token, nor is the diamond shape in the W3 that clear.				
Y/i	Dendera VII, 53,6, pl. DCXIX (1st line in front of the king).	Y (v5.2)		Y					Logogram wnS (symbol of the cycle of time).					
	Token has no string around the Hh however.							A hamadryas baboon (Papio hamadryas), seated, hands on knees, tail folded under the rear (E35), in front of a sheath or receptacle with V shaped indentation at the top, on top of a base, with a forward curved line coming from the indentation (V30X); on top of a basket (V30).						
Y/i	Medinet Habu 5, (OIP 83), pl. 206,9, middle register, column between the king and the offering table.	Y (in core)		Y					Classifier ritual object (Sb.1).	Found and verified by Peter Dils. F167F (E45) with F43Y0 (V36U) instead of V36G.			Additional row	
		N (auto)		N						No sources given.				

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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Ceuv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val α | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val *ntyw;*Sqhr;Dsp; Ibr	Weight
F16EB	E-22-029				F			E159B	E159B			E159E										142;5			E;8423												2
F16EC	E-22-030							E154A	E154A			E154F													E;8752													1
F16ED	E-22-031							E161	E161			E161										142;6			E;8429											*pHty*		2
F16EE	E-22-032				E			E162	E162			E162										142;7		3;75	E;8437										*Isp*		3
F16EF	E-22-033				D			E152	E152			E152													E;8750	1432;2	827;11		E8003									5
F16F0	E-22-034							E163	E163			E163										142;8				1432;3											E;8435		3
F16F1	E-22-035							E259	E259			E259											160;10		E;8433													2
F16F8	E-22-036				F			HA4911											E259B												1							2
F16F2	E-22-037				F		22	E259A	E259A			E259F											160;10		E;8431											*x*		2
F16F3	E-22-038						22	E279	E279			E279											160;11		E;8432													1
F16F4	E-22-039							E251	E251			E251													A;6101													1
F16F5	E-22-040							E252	E252			E252													E;9200													1
F16F6	E-22-041						22	C274A	C274A			C274J													C;													1
F16F7	E-22-042				C		20	C274B	C274B			C274E						1_1629																				1
E23. Bovid (taureau; vache)																																				*Ih;w;pr;pqvt;mnh;r;k;kn;k dt;t;hn;twn;ddvn;tnt;pwn*	
F1710	E-23-001				A			E1	E1				**587**	77		510						70;1	142;1	158;38	3;13	E;0600					142	6	2	10				12
F1711	E-23-002			13DD2				E3E				E1	**1031**			1031		1_2397	E1	E001						824;5								8	94			7
F1712	E-23-003				C			E164	E164			E164	**2**			2						82;7	142;1	158;39							2		1				E;123	*hp;sm*	7
F1713	E-23-004				D			E170	E170			E170	1			1						83;1	143;3	158;39													E;127		5
F1714	E-23-005							E164A	E164A			E164F													E;0801													1
F1715	E-23-006			13DD3				E2	E2			E2	**63**	6	20	21	16	1_2586	E2	E002		142;13		3;13a			825;7								1	3	*xmt;kn*	E;1119		13
F1716	E-23-007				C			E1C	E1C			E1C	1			1						142;14			E;0800										4		E;121		5
F1717	E-23-008							E1D	E1D			E1D													E;0800													1
F1718	E-23-009				F			E219	E219			E219										87;1									1							2

Vots	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
n	HG-specific version of E001	N		worn the anguar and more rounded horns occur (angular, see Unas example TSL, rounded (HG), see White chapel example TSL, both examples are under classifier bovid, cattle).					
				Beleg 1 is a bovid with Uraeus, and in movement closer to E164A (TSL candidate?, BM EA147, line 4). Beleg 2. P. Turin (BoID), chapter 99, col 7b does not have the patch either. Did this grapheme originate from iconographical sources? (Apis bull).					
				TLA source (Laskowska-Kusztal) Der el-Bahari II, pl. X, fig. 39 only supports the variant without the central blop. Has the blop an iconographical origin? (Apis bull).					
				Attested in transcription only, from a cursive source, Munro AA 54, pl. 64, col 653 and 660.					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
								A lion, lying down, with the face of a man, with a long, curved beard and coil, with an uaeus on its forehead, on top of a base, front paw holding a sealed ointment jar, without ties (W2) in its front paw, with the jar resting on the base.	Logogram Sms anTyw (presenting myrrh).		
Y/I	KIU 250, line 1.	Y (in core)		Y							
								A cult image of a lion, lying down, on a base, with the head of a man, with a long curved beard and coil, with an uraeus on its forehead, wearing the double crown (S5).	Logogram Sp (image, refering to the king).	Note that the token look more like F160B (E154) on an oval base than true cult images (i.a, body and tail are fully detailed).	
Y/I	KIU 2606, line 1, photo 328O1.	Y (in core)		Y							
		N (auto)		N						No sources given.	
										p. 217,5) could not be verified with an image. Valeurs/Kurth token (Chassinat, Khoiac 1, p. 328-329 (no. 4)) only refers to iconography forms, not hieroglyphic ones. *Added manually to the full list for backwards compatibility.*	
		Y (manual)	Y	N							
								A lion, lying down, with the face of a man, with a long, curved beard and coil, with an uaeus on its forehead (E151), on top of a shrine.	Logogram Sp (image).	Verified with online image of replica. (https://dreamstela.mused.org/items/521/6-eam-stela-at-the-harvard-semitic-museum)	
Y/I	Dreamstela Thutmose IV, line 2 (Urk. IV, p. 1540,8)	Y (in core)		Y							
		N (auto)		N						Hannig did not provide a source, nor could I found the lemma sjb in the TLA.	
		N (auto)		N						no sources given. xcu 1894, line 10 has a variant without the sun and blade.	
								A lion, standing, tail upwards, with the head of a human man, with a coil or headdress running partly over its back.	Logogram nb (lord).		
Y/I	Dendera, Porte d'Hathor, p. 36,2. pl. 104.	Y (in core)		Y							Hathor 36,2
		N (auto)		N						vaeurs token are F16F3 (E279) (BIFAO 62, Chassinat, p. 16).	
		N (auto)		N						Valeurs tokens (Esna II, 147, p. 259,13; III 208,25, p. 28,20; III 379,24, p. 353,13) could not be verified with an image.	
										Supposedly occurs in the Ramses II temple in Abydos, room 3 (see Mariette, Abydos II, pl. 36, room G.). I lack any images (for example, publication of Goelet) to verify the sign. See notes SP for form and location. Move after addition, as it is not a sphinx but a corpse. (move to category A34, Man, Varia). Base it on F069S (A104A) for the mummy, on top of Q35 without the leonid head.	
		N (auto)		N							redrawn in F06AA
		N (auto)		N						H&S token is F16F7 (C274B).	
Y/I	wawenne, xv 555a, Sethe column 235-236 (NP/Y) fr. inf. 42-43), verified with Berlin image.	Y (in core)		Y				The forepart of a sphinx.	Classifier Divinity Aker (Akr)		
Y/I	TSL	Y (in core)		Y				Two forepars of sphinxes, connected back to back.	Classifier Divinity Aker (Akr)		
Y/I	TSL (token TSL_3_22358).	N (manual)	N	N				A bovid (bull), standing, with rounded horns.	Logogram kA (bull).	Meaningless variation from F1711 (U+13002, Jseh 51), based on the horns, but does exist.	
Y/I	TSL	Y (v5.2)		Y				A bovid (bull), standing, with outwards curving horns.	Logogram kA (bull).		Gardiner variant
		Y (=D_JSeh/NG)		N						None of the tokens support the central blob in the bull, I assume it originates from iconographical sources.	
		Y (=D_JSeh/NG)		N						Central blob is not supported (Neo font does not provide internal detail, and Cauville (2001) source cannot be verified with an image (Dendera X, 134,1), so F1762 (E9S) should suffice for Unicode.	
		N (auto)		W						H&S token (Naville, Papyrus louyia, pl. 23, line 4) has some spots on the back, but not this general blob. I would only include F1716 (E1C) in Unicode.	
Y/I	TSL	Y (v5.2)		Y				A bovid (bull), standing, with its head lowered as if to attack.	Classifier rage/agression (smA).		Wait
Y/I	Naville, papyrus louyia (= Munro AA 54, pl. 64, col . 653), pl. XXII, col 4 from left.	Y (in core)		Y				A bovid (bull), running.	Classifier Hapy (Hp)	Technically has two blobs of colour on its back, but would be the best option for this sign.	
		N (auto)		N						H&S did not provide a source for this specific sign. (only for F1715 (E1C) and in theory F1714 (E164A).	
Y/I	Dendera X, p. 374,13, pl. 229, top image, bandeau.	Y (in core)		Y				A bovid (bull), standing, right front leg raised.	Phonemogram nfr.	Note that Cauville suggests this might be an error for a horse.	

Comment MS	Change (Berlin)	Changes (post 19-02-2023)
	Yes/No	
redrawn in F06AA	Redraw in new row.	

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
F171I	E-23-010																					142;15														E;183	2
F171A	E-23-011																					143;1														E;185	2
F171B	E-23-012				E		18	E166	E166		E166		2	1		1						143;2														E;137	4
F171C	E-23-013						18	E167	E167		E167														E;1900												1
F171D	E-23-014				F																	143;4														E;133	2
F171E	E-23-015				F			E168	E168		E168																										2
F171F	E-23-016							E169	E169		E169										82;8	143;5														E;129	3
F172D	E-23-017				F																	143;6														E;167	2
F1721	E-23-018							E171	E171		E171											143;7			E;1000												E;131	3
F1722	E-23-019				C			E18	E18		E18		7			7									E;		824;6										3
F177D	E-23-020							E18x												E001F																		1
F177E	E-23-021							E174I																														
F1723	E-23-022							E174B	E174B		E174E														E;												E;265	1
F1724	E-23-023																					143;8															2
F1725	E-23-024				B			E174	E174		E174		12			12					83;2	143;3	158;36	3;16	E;		1432;4			6	4	2		11	E;139	12
F1726	E-23-025				C			E174E	E174E		E174E		4			4		1_2548			83;5	143;11								1					E;141	6
F1727	E-23-026				F			E174H												E174H		143;12														E;143	3
F172B	E-23-027				F			E174G												E174G		143;13														E;149	3
F1729	E-23-028				C			E174A	E174A		E174A		2			2					83;3	143;14								3						E;147	5
F172A	E-23-029				C			E174D	E174D		E174E										83;4		158;36		E;					2	1						5
F172B	E-23-030				E			E175	E175		E175											143;15								1	1					E;151	4
F172C	E-23-031				C			E174F	E174F		E174F										83;6	143;1	158;37		E;6200					6			1	1	E;145	8
F172D	E-23-032				B			E176	E176		E176		25	23		2		1_2551									827;13				1			3		6
F172E	E-23-033				C			E174C	E174C		E174E											144;1		3;17						3						E;153	4

Vots	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
				Probably there in Brovarski Giza mastabas 7, pl. 110, fig. 105, but so damaged that it is barely recognisable. PT example (Sethe transcription only), is only two bulls (PT 550a, [T], sethe column 50 (end of the column, need to be verified with image/squeeze).					
	but horns like in Gardiner E17	Y	DIFF	Note that all TLA attestations come from this stele. Horns should indeed be like Gardiner E1.					
	but horns like in Gardiner E17	Y	DIFF	not certain if the distinction between E174 and E100 is really useful, I doubt that the exact tail position is of any importance, Maybe merging E174 and E100? (only counter I could think of is gender, but I doubt we can find examples that depict the gender without any doubt) If not merging with E100, TSL candidate?, Edfu VII, 166,14, photo T005 (see for the reason I doubt the distinction between E100 and E174)					
		Y							
				Note that the TSL token is a class of this sign without horns.					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
		N (manual)	N	N						Probably a duplicate of F179D (E3) or F1791 (E1A), beside no sources given.	
		N (manual)	N	N		F1791				Probably a duplicate of F179D (E3) or F1791 (E1A), beside no sources given.	
		N (auto)		N						PT/TLA tokens cannot be supported without doubt.	
Y/I	Petrie, Dendera, pl. XLI (Mera and Una 4th piece)	Y (in core)		Y				Two bovids (oxen), standing, overlapping each other, in front of a plough (U13).	Logogram Htr (yoke of oxen).	Translation and connection with other pieces discussed in Fischer, Dendera, p. 180. Valeurs token (Dendera I, p. 108,9; 115,10) could not be verified with an image.	
		N (auto)		N						Duplicate of F1767 (E96).	
		N (manual)	N	N		F1767				Verified by Peter Dils. Causille token (Dendera IV, p. 232,4) could not be verified with an image. (Daumas, Mammisis Dendera, p. 179,20) could not be verified with an image. Other token is 'facimile' at best, Roeder, Ägyptische Inschrifte Berlin II, p. 521, no. 3666.0 could not verify it with an image).	
Y/I	Dendera IV, p. 232,4.	Y (in core)		Y				A bovid (bull), standing, with the red crown (S1) between the horns.	Phonemogram m. nb.		
		N (manual)	N	N		F1762					
Y/I	Medinet Habu IV, OIP 51, pl. 201, bandeau.	Y (in core)		Y				A bovid (bull), standing, with a folded piece of cloth around its neck (V60), with a headdress consisting of a sun-disk with two feathers (S76)	Classifier bull (kA, specifically in kA-HD (the (sacred) white bull).		
		N (manual)	N	N		F177D				Redrawn as F177D. (Redraw with horns like Gardiner E1 (F1711).)	see F177D
Y/I	JdE 48862, 47086-47089, Victory stela Piye, verso, col. 109. Louvre C257, line 11 (final line of the top register).	Y (in core)		Y				A bovid (bull), standing, with a forwards, downwards line coming from the mouth.	Classifier bovid (wA (steer, ox, cattle, male animal (according to TLA).	Redrawn form of F1722.	redraw of F1722
Y/I		Y (in core)		Y				A bovid, standing, with a feather (H6) on its back, angled backwards.	Classifier glad, pleased (Ams).	Found and verified by Peter Dils.	Additional row
		N (auto)		N						no sources given in H&S (and the knife is oriented the other way).	
		N (manual)	N	N						Duplicate of F1756 (E100C).	
Y/I	Edfu VIII, 166,14, Bartels photo T005.	Y (in core)		Y				A bovid (bull), lying down, legs folded beneath the body, tail downwards.	Classifier bovid (wA (steer, ox, cattle, male animal (according to TLA).	Needs a bit more study to see if there is a meaningful difference between E174 and E100, beside deciding to add them both based on the gender of the function (as it will be nearly impossible to do it based on the sign itself).	Yes
Y/I	TSL	Y (in core)		Y				A bovid (cow), lying down, legs folded beneath the body, right front leg extended forwards.	Logogram iH.t (cow).	Technically in the TSL token, the tail is different. Gender in description based on the function, not on any visual aspects.	
Y/I	Edfu VII, p. 7,10	Y (in core)		Y				A bovid (bull), lying down, legs folded beneath the body, tail upwards.	Logogram kA (bull).	Verified with image of Philipp Seyr.	new glyph
Y/I	Edfu VII, p. 310,1, Bartels photo (wall) 2658.	Y (in core)		Y				A bovid (bull), lying down, legs folded beneath the body, tail upwards, with a knife with a triangular blade and straight handle (T30A) vertically on its back, blade forwards.	Logogram smA (sacrificial steer).	F1729 (E174A) with tail up. Exist, but one can wonder if it is usefull to include all the E174 variants in Unicode.	new glyph
Y/I	Edfu VIII, 166,14, Bartels photo T005	Y (in core)		Y				A bovid (bull), lying down, legs folded beneath the body, tail downwards, with a knife with a triangular blade and straight handle (T30A) vertically on its back, blade forwards.	Logogram smA (sacrificial steer).	Knifeblade forward	
Y/I	Edfu VIII, 37,7, Bartels photo 0051; Dendera X, p. 283,7, pl. 166, col. 18.	Y (in core)		Y				A bovid (bull), lying down, legs folded beneath the body, tail downwards, with a knife with a triangular blade and straight handle (T30A) vertically on its back, blade backwards.	Classifier tbh (Seth).	Knifeblade backward. Exist, but one can wonder if it is usefull to include all the E174 variants in Unicode.	
Y/I	Edfu VII, p. 309,16, Bartels photo (wall) 2658.	Y (in core)		Y				A bovid (bull), lying down, legs folded beneath the body, tail upwards, head looking backwards, with a knife with a triangular blade and straight handle (T30A) vertically on its back, blade forwards.	Logogram smA (sacrificial steer).		
		N (manual)	N	N		F172D				Knife in the meaningful variation between F172C (E174F) and F172D	D6 ref D174F=D176
Y/I	Tets, PT 675,d-e (sethe column 311), PT 380a (sethe column 312), see Berlin image.	Y (in core)		Y				A bovid (bull), legs bound together, tail downwards.	Classifier xr (to fall).	JH-D tokens would be better represented by F172A (E174D) in my opinion. Valeurs token/Kurth token (Edfu V, 185,4-5) could not be verified with an image. (so might be F172A (E174D) as well).	near dup E174F
		Y (n=0,JSeh/HG)		N							

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikee | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val brp | Weight | Vols | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG JH-D token (Dendera XIV, p. 12,4) could not be verified with an image. Neither could Valeurs (Esna II, 27,2, p. 68,14; 27,7, p. 76,4). | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Welsh
F173F	E-23-051			1322C				NL12			NL12	NL12								NnL11	NL012																	2
F1740	E-23-052							E253	E253			E253													E;1110		828;3											2
F1741	E-23-053							E172	E172			E172																											
F1742	E-23-054				F			E173	E173			E173	1	1											E;1100														2
F1750	E-23-055			130FD				E92	E92			E92	41	2		33	6		E38	E038	78;6	144;3	158;47	3;18	E;0100		826;20			151	12	20	5		16	E;157		17
F1751	E-23-056				E			E92A	E92A			E92A	1			1							158;48	3;37	E;1600														4
F1752	E-23-057							E92B	E92B			E92B																											
F1753	E-23-058					S																144;4																1
F1754	E-23-059							E261	E261			E261													E;9500														1
F1755	E-23-060																					144;10													E;271			2
F1756	E-23-061							E100C	E100C			E100C										79;4																	1
F1757	E-23-062			130DC				E100	E100			E100	24			16	8		E9*	E009A	79;3	144;1	158;45	3;24	E;0300		B27;1			86	1	3	2		6	E;175		16
F1758	E-23-063				C			E94A	E94A			E94A	4			4						78;7	144;1	158;46	3;19						2						E;273		7
F1759	E-23-064				E			E100B	E100B			E100B	1				1								E;1700	1431;8													3
F175A	E-23-065				D			E101	E101			E101	1			1						79;5	144;14								1						E;177		5
F175B	E-23-066			130D6			22	E5	E5			E5						1_2783	E5	E005			158;48	3;22	E;1500		824;10												7
F175C	E-23-067							E5A	E5A			E5A																											
F175D	E-23-068				E			E5B	E5B			E5B											144;6	3;22												E;163		3
F175E	E-23-069				D			E94	E94			E94	1			1							144;7	158;46	3;21												E;161		5
F175F	E-23-070				E			E94B	E94B			E94B																		2								1
F1760	E-23-071							E92C	E92C			E92C																											
F1761	E-23-072				F			E93	E93			E93											144;5													E;173		2
F1762	E-23-073				D			E95	E95			E95										78;8		158;50	3;23	E;0200									2				5
F1763	E-23-074							E95A																														
F1764	E-23-075							E95B																														
F1765	E-23-076								DE182		DE182										E095C																	1
F1766	E-23-077				E				DE369		DE369																											1

Index	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F173F	R(\)	Calverley Abydos 4, pl. 31, leftmost figure	Y (v5.2)		Y				a newborn sussex antilope, lying down, legs folded beneath the body, long tail downwards (ES), in front of a bovid (bull), standing (E1); on top of a standard used for the carrying of religious symbols (R12), on top of a parcel of land with irrigation	Logogram Tb-nTr (12th nome of LE).	**Redrawn in place.** Unicode copied Gardiner incorrectly, the smaller bovid should be E9, not E245A. Redraw into the Isesh form of this sign. Has token gave no sources (only 6th lower Egyptian nome).		redrawn in place		
F1740			N (auto)		N										
F1741			N (auto)		N						No sources given.				
F1742	Y(\)	Teti, PT 287d, sethe column 287, antechamber, west wall (see berlin image).	Y (in core)		Y				A bovid (bull), standing (E1), on top of a sledge (U15).	Classifier divinity (nzr-mzr).					
F1750			Y (v5.2)		Y						I cannot say if it is worthwhile for unicode to include both E1 and E92, as usually the gender can only be proven based on function, rather than any clear detail.			Yes	
F1751	Y(\)	Edfu VII, 93,1-2, Bartels, photo (wall) 381.	Y (in core)		Y				A cow, looking backwards.	Phonemogram Ams, in Ams-ib (to rejoice)	Not a bubalis antilope due to the long tail.			No/wait	
F1752			N (auto)		N						Although the sign of H&S E1600, all their tokens refer to a form of F1751 (E92A).				
F1753			N (manual)	N	N						Mirrored form of F1750 (E92).				
F1754			N (auto)		N						Karnak, now lost, Prisse d; Avennes, Monuments égyptiens: bas-reliefs, peintures, inscriptions, etc., d'après les dessins exécutés sur les lieux; pour faire suite aux Monuments de l'Egypte et de la Nubie de Champollion-le-Jeune, pl. XI.1; Spiegelberg, 1925, OLZ 28 (9/10), p. 569. I would not call that this sign (in as far we can trust a facsimile that is this old to				
F1755			N (auto)		N						No sources given.				
F1756			N (auto)		N						Lauwne token (Dendera IX, p. 162,9) could not be verified with an image.				
F1757	Y(\)	KIU 4838, line 11	Y (v5.2)		Y				A bovid (cow), lying down, legs folded beneath the body.	Classifier cow (h.t, cow of the sky).	I am not sure if both E174 and E100 should be included in Unicode. Nonetheless, suggested token here is beyond a doubt functionally female.			Yes	
F1758	Y(\)	Edfu VII, 91,6-8, Edfu XIV, pl. DCXLII	Y/R (in core)		Y/R				A bovid (cow), lying down, legs folded beneath the body, tail down, with the head and front legs of a calf protruding from the cow.	Phonemogram bAX	Redraw the tail downwards, curving over the head of the calf.				Redraw in place.
F1759			N (auto)		N						Sign would be sufficiently covered by F172D (E176)				
F175A	Y(\)	Seymeo Amenmose, p. 98-99, abb. 139, pl. 67, col	Y (in core)		Y				A cult image of a bovid (cow), lying down.	Classifier cow divinity (HA(A).t)					
F175B	Y(\)	TSL	Y (v5.2)		Y				A bovid (cow), standing, head facing backwards over its body, with a calf below the cow, suckling.	Classifier concern (Ams).					
F175C			N (auto)		N						No sources given.				
F175D	Y(\)	stela Vienna OLD 172, NEW SBS7, line 2 = SAK 22, 1995, pl. 13	Y (in core)		Y				A bovid (cow), standing, head facing backwards, looking over its back, with a calf below the cow, suckling.	Phonemogram Ams (m Ams-ib).	Verified by Peter Dils.				
F175E	Y(\)	BM EA 147, line 7.	Y (in core)		Y				A bovid (cow), standing, tail raised with the head and front legs of a calf protruding from the cow.	Phonemogram wbn.					
F175F			N (auto)		N						JH-D tokens (Dendera XIV, p. 13,2; 55,8) could not be verified with an image.				
F1760			N (auto)		N						No sources given.				
F1761			N (auto)		N						vaeurs token (Drioton, ASAE 40, p. 332, nr. 37) has the counterweight on its back, not hanging down from its neck.				
F1762	Y(\)	Dendera VII, p. 88,2	Y (in core)		Y				A bovid, standing, tail down, with the sundisk (N5) between the horns.	Logogram nb.t (lady).	Verified by Peter Dils. My image of Dendera VI, p. 26,7, pl. CCCCLXXII is too poor to see the sign. I have no access to Athribis C5,20 or D2,6 / 26.			Yes	
F1763			N (auto)		N						No sources given.				
F1764			N (auto)		N						No sources given.				
F1765	Y(\)	Dendera XV, p. 220,2	Y (in core)		Y				tail down, with N6 (The sun, encircled by a cobra (Naja haja), standing up, with expanded hood (Uraeus)), between the horns, with the uraeus occuring in front of the horns.	Logogram ra and nb (Re and lord (in sA-ra nb ra.w).	Verified by Peter Dils.				
F1766			N (auto)		N						Both JH-D tokens are F1765.				

Index	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
F173F									
F1740									
F1741									
F1742									
F1750				Unas are E2 (smA.t); the female connotation is only through context (no udder visible). Karnak examples do not show udders either. I cannot locate proof, Functionally, one would indeed interpretate this sign as a female, but I cannot locate any proof. Context makes it likely that this is indeed a cow, although it is difficult to proof graphically					
F1751									
F1752									
F1753									
F1754									
F1755									
F1756									
F1757				As discussed above with E174, I doubt that we can find clear graphical distiction based on gender, so I would suggest colliding E100 and E174 together. Any distinction is in my opinion based on context, rather than graphical aspects. (moreover, in KIU 3946, the sign is encoded for nb-bA.wy, so there is no female aspect at all) For unicode I would suggest only keeping this sign, and not include E174.					
F1758	Y			tokens. However, in the token there is something at the back of the cow, and the position of the sign does suggest that the sign is longer than can be clearly seen					
F1759				see, one ZZZ, the legs are crossed over (bound), I would transcibe E176 here, although the horns are less distinct.					
F175A				note that there does not seem to be cultic image idea behind this, which is the case with E231.					
F175B									
F175C									
F175D									
F175E									
F175F									
F1760									
F1761									
F1762									
F1763									
F1764									
F1765									
F1766									

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caur	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F176F	E-23-078							E96	E96			E96									79;1	144;8	158;51													E;169		4
F176B	E-23-079				D			E97	E97			E97									79;2	144;9	158;52	3;23a	E;1800											E;165		6
F176J	E-23-080							E98	E98			E98																										
F176A	E-23-081							E255	E255			E255																										
F176B	E-23-082							E280	E280			E280																										
F177C	E-23-083				F			H053D2												E280A												1					2
F176C	E-23-084				C			E100A	E100A			E100A	2			2									E;0301					1					1		4
F176D	E-23-085							E102B	E102B			E102B													E;0201												1
F176E	E-23-086							E102C	E102C			E102X										145;2													E;275		2
F176F	E-23-087				F			DE375		DE375										E102D										1							2
F177D	E-23-088				E			E102	E102			E102										145;1			E;0402	1431;9	827;2								E;179		5
F177I	E-23-089				C			E101A	E101A			E101A	4			3	1																				2
F177J	E-23-090				E			E102A	E102A			E102A	1				1					145;3			E;0403										E;181		4
F177E	E-23-091				130D5			E4A				E4						1_2771	E4	E004					E;0404		824;9										5
F177G	E-23-092				D			E4	E4				3			1	2			E004B																	3
F177H	E-23-093				C			E99	E99			E99	6			6										1431;7				1							3
F177F	E-23-094							E99A																													
F177K	E-23-095				D			E290	E290			E290																		1					2		2
F177B	E-23-096				E			E291	E291			E291									87;6		159;10							1							3
F177L	E-23-097				C			E254	E254			E254									87;3				E;1550		828;4			2				1		5
F177A	E-23-098				E			E254A	E254A			E254Y									87;3		159;9							1							3
F177B	E-23-099							E256	E256			E256													E;0500												1
E25. Calf (weau)																																					
F179D	E-25-001			130D4				E3	E3			E3	28	4	5	17	2	1_2740	E3	E003	70;2	145;4	158;53	3;25	E;1300		824;8			3					E;187	*hbv*	15
F179I	E-25-002				C			E1A	E1A			E1A	1				1	1_2582																			2
F179J	E-25-003				E			E92D	E92D			E92D	2			2																					1

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
		N (auto)		N						Lauvine token (Dendera III, p. 61,3) could not be verified with an image.	
		Y (n=0_iSeh/HG)		N						Cauville/Kurth token (Dendera IV, p. 212,5) could not be verified with an image. H&S token is F176A (E255). (OIP 100, p. 70 (=KIU 8777, line 1)).	
		N (auto)		N						no sources given. Variant of F172I (E171) without the cloth around the neck.	
Y/I	OIP 100, p. 70 (=KIU 8777, line 1)	Y (in core)		Y				A bovid (bull), standing, with a headdress consisting of a base with multiple plumes coming from it between the	Logogram wnDw (cattle).	Practicaly a duplicate of F172I (E169).	
		N (manual)	N	N						Difficult to make out, but seems to be there. Used in the n(.y)-sw:t bi.ty nb (King of UE and LE, lord)	
Y/I	Dendera, Porte d'Horus, p. 53,10, p. 143.	Y (in core)		Y				A bovid, standing, tail down, with the double crown (S5) between the horns.	Logogram n(.y)-sw:t bi.ty nb (King of UE and LE, lord)	Source might be beter represented by F177I (E101A).	Horus 53,10
Y/I	P. Turin 1791 (BotD), chapter 110,a, col 16.	Y (in core)		Y				A bovid (cow), lying down, legs folded beneath the body, with a flagellum (S45) on its back.	Classifier cow divinity (hh(A).t)	nbD token would or better represented by F177J (E102A). (where I put this source).	
		N (auto)		N						No sources given.	
		N (auto)		N							
Y/I	Dendera XV, p. 222,11	Y (in core)		Y				legs folded beneath the body, with N5 (The sun, encircled by a cobra (Naja haja), standing up, with expanded hood (Uraeus)), between the horns, with the uraeus occuring in front of the horns.	Logogram rs and nb (Be and lord (in sA-ra nb ss.w).	Verified by Peter Dils.	
										H&S token has a seal around the neck, add as redraw when verified with ACEr 41 (I have no idea which plate, but it is pl. XI in Blackman, Rock tombs of Meir 1 (tomb of Ukhhotep).	
		N (auto)		W							Wait
Y/I	KIU 1872, line 5	Y (in core)		Y				A cult image of a bovid (cow), lying down, with a flagellum (S45) on its back.	Classifier cow divinity (ih.t).		
Y/I	BM EA 1164, line 4-5.	Y (in core)		Y				A cult image of a bovid (cow), lying down, with a sun-disk (N5) between the horns, with a flagellum (S45) on its back.	Classifier cow divinity (HA(A).t)		
Y/I	TSL	Y (v5.2)		Y				A cult image of a bovid (cow), lying down, with a sun-disk (N5) with two feathers between the horns, with a flagellum (S45) on its back, and a necklace around the	Classifier cow divinity (mH:yt).		
		Y (n=0_iSeh/HG)		N						I currently cannot support the HG form of E4.	
		N (manual)	N	N		F177F				Token has technically a different standard (R12), on which the description is based.	Redraw in new row.
Y/I	Jansen-Winkeln (2011) Der Charakter als Erbschaft, 175-184, back column.	Y (in core)		Y				A bovid (bull), standing (E1), on top of a standard used for the carrying of religious symbols (R12). A peor or crocoose skin with horizontal spines, or tail of a crocodile (I6), in front of a bovid (bull), standing (E1); on top of a standard used for the carrying of religious symbols	Phonemogram wr (in km-wr).		
Y/I	Dendera X, p. 279,9, pl. 185, col. 36	Y (in core)		Y					Logogram km-wr (10th nome of UE).	Incorrectly transcribed in Dendera X as E199A.	
		Y (manual)	Y	N						JH-D/Cauville token (Dendera X, p. 220,9, pl. 133, col. 56) cannot be recognised as this sign (has ? in the transcription of Cauville).	
Y/I	Dendera X, p. 288,7, pl. 188, col. 17	Y (in core)		Y				A newborn oussaos antilope, lying down, legs folded beneath the body, long tail downwards (E9), in front of a bovid (bull), standing (E1); on top of a standard used for the carrying of religious	Logogram Tb-nTr (12th nome of UE).	Practically identical to F173A (E211)	
		N (auto)		N						neaxw or r.r.ar (N12); i.e., sign is a duplicate of F173B (E211A).	
		N (auto)		N						suppoeasy occurs in TT 23, forecourt, west (rear) wall, bandeau (RR IV, p. 110,15), but I currently cannot verify that with an image.	
Y/I	TSL	Y (v5.2)		Y				A calf, standing.	Classifier calf (bhs).		
Y/I	KIU 944, col. 42 (upper section).	Y (in core)		Y				A bovid (bull), standing, without horns.	Classifier kA (bull).	Male calf/hornless bull.	
		N (auto)		N						Both TLA tokens are not E92D in my opinion.	ewe?

Validated	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP	Comment MS	Change (Berlin)	Changes (post 19-02-2023)

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unlker	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
																																					ib gb	
F1793	E-25-004				F		E3A	E3A		E3A												70,2	145,5													E;189		3
F1794	E-25-005						E84	E84		E84													145,6													E;191		2
F1795	E-25-006						E257	E257		E257															E;1350													1
F1796	E-25-007						E268	E268		E268																												
F1797	E-25-008						E268A																															
E26. Mammals; varia																																					
F17A0	E-26-001				C		E83	E83		E83			1			1					78;1		3;76b	E;8300		826;16			1					1				7
F17A1	E-26-002						E178	E178		E178															E;9300	1432,6	827;15											3
F17A2	E-26-003				F		E131	E131		E131																1431;14	827;6											2
F17A3	E-26-004						E188	E188		E188																													
F17A4	E-26-005						E264	E264		E264																													
F.VII. Mammal body parts																																					
F01. Donkey head																																					
F17B0	F-01-001				E		F53A			U519!													146;1			F;										*h'w;hrw;x;hm;to-ib;ab;mdw* F;1	*hrw*	3
F17B1	F-01-002				B		F53	F53		F53			7	4		3				F053C	96;2	146;2	161;20	4;1		1433;3				32	3					F;3		11
F17B2	F-01-003																						146;3													F;7		2
F17B6	F-01-004						F53C																															
F17B4	F-01-005				D		F55	F55		F55			3	1		2							146;5													F;153		4
F17B5	F-01-006						F53B																															
F17B3	F-01-007						F54	F54		F54												96;3	146;4													F;5		3
F02. Ram head																																					
F17C0	F-02-001				C		F7B	F7B		F7B			3			1	2													2					1			4
F17D7	F-02-002						F7D																															
F17C1	F-02-003				A		F7C	F7C		F7C			38			33	5					88;7	146,6							48	3	6	8		4	F;49	*h;ff;ffy;ffyt*	10
F17C2	F-02-004			13105			F7	F7		F7			96	2	10	65	19	1_3140	F7	F007	88;7	146;7	161;9	4;6		F;0700		828;12		40	4	1		2	65	F;47	*tp;ff;ffyt*	19
F17C3	F-02-005				F																		146;8													F;45	*hbsy;fcf;fcfsy-f;f;fsmmc*	2
F17C4	F-02-006						F7A	F7A		F7A															F;0703													1
F17C5	F-02-007						F164	F164		F164												102;7																	1
F17D8	F-02-008						F164A																															
F17C6	F-02-009			13106			F8	F8		F8			53		4	45	4	1_3164	F8	F008			161;9	4;6		F;0701		828;13		5				6	5		*tfyt*	13
F17C7	F-02-010				F		F170	F170		F170																										F;57		1

Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP
	Y	DIFF	Not completely certain, the image in Laning Temple of Kawa I, pl. 9 line 12 is not clear enough to be certain it is this sign, and not any other low broad animal (variant of the mouse or something likewise).					
	Y	DIFF	In my opinion (only one ear, and classifier of bits (calf). However, I only have Sethes transcription. If it is this sign, Junker Giza 11, pl. XX,a has a variant, both ears backwards, see attached image (=Beleg 1). In Beleg 2 the sign is not recognisable (see attached image), Beleg 3, CT V, 286,e, M23C is similar in shape as Beleg 1, but as it is based on de Buck transcription only, I would be a bit hesitant to use it. Change prototypical image to one with both ears backwards?					
	?	DIFF	Beleg 1 (BM EA 147, line 12) is more the variant seen of F53. Beleg 2 is the same stele, line 14, which is closer to seth, although I still consider it more a donkey. PT example (Neith, Jequier pl. XXVII, col 716) should, based on the function (sr) be the head of an giraffe, not the seth animal. However, based only on transcription.					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
		N (auto)		N						Cauville token (Dendera I, p. 114,16) is F1700 (E1). Valeur tokens (WB V, p. 361) is E3 at best, the Rouge, Chrestomathie I, p. 68 is likely EBA, beside no sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						H&S token (KIU 4912, line 31) seems to have horns (although tiny), and something around its neck, which would make it a form of E101. Nonetheless, I would not call it this sign.				
		N (auto)		N						No sources given.				
Y;i	MMA 12.184 (Mentuwoser), main text, leftmost column.	Y (in core)		Y				A bovid (bull), legs bound together, tail downwards.	Logogram Ka/itt (bull, beef)	Found and verified by Peter Dils.			Additional row.	
Y;i	Dendera X, p. 121,7, pl. 74 (col. 22)	Y (in core)		Y				Some type of mouse-like animal.	classifier divinity (AS-sif, Ash-spitter).	I really cannot say if the description Egyptian mongoose (Herpestes ichneumon) could fit here.		Mongoose		
Y;i	BM EA 10470, sheet 3, 5th col from right (Book of the Dead of Ani).	Y (in core)		Y				An mythological animal with the head of a crocodile, the foreparts of a lion, and the hindquarters of a hippopotamus.	Classifier Ammet (amm.t)			Dead eater(Totenfresserin)		
Y;i	Mond, Meyers, 1940, Temple of Armant, plates, pl. LXXXVIII, fig 8, pl. CIII, line 8.	Y (in core)		Y				A rhinoceros.	Classifier rhinoceros (Sqb).	Hannig, and no entries in TLA for Rhino (Sqb). Note, spelled Skqb. (so probably a loan word due to the semi-silabilic writing. I wish the image was clearer, but it seems to be there.		Rhinoceros	Yes	
		N (auto)		N						No sources given.		bear?		
		N (auto)		N						No sources given.				
		N (manual)	N	N						Practically a duplicate of F1781 (F53). If added, it should be redrawn with both ears backward.			No/No	
Y;i	Dendera XI, p. 164,15, pl. 120, bottom image, column behind the left figure.	Y (in core)		Y				The head of a donkey/ass, with the ears in a v shape.	Phonemogram hrw.					
		N (manual)	N	N						Arrangement				
Y;i	ucza 11, p. XX,a, first column from the left.	Y (in core)		Y				The head of a donkey/ass, with the ears angled backwards.	Phonemogram sS.				Additional row	
Y;i	Dendera IV, p. 156,7, pl. CCXCV.	Y (in core)		Y					Phonemogram hrw.	Currently cannot be supported. No sources given. Uamages, our seems to be there. Might be a logogram instead (check for F53).				
Y;i	Edfu VIII, 69,2, Bartels photo 0082	Y (in core)		Y				The head of a ram, without horns or forward curving horns.	Logogram Sf.yt (worth, dignity, renown).	Found is identically without beard. Often with goats it is hard to say if it is homless, or if there are forward curving horns				
Y;i	Ägyptische Museum Berlin, Zabern, Mainz 1991, 143, Nr. 86 (Berlin, Inv. 7291).	Y (in core)		Y				The head of a ram, without horns or forward curving horns, with the neck curving downwards.	Classifier ram (rhny)	Found and verified by Peter Dils.				
Y;i	KIU 1727, line 1 (near the middle).	Y (in core)		Y				ine neas or a ram (Ovis longipes palaeo-aegyptiacus),	Classifier worth, dignity, renown (Sf.yt)	F17C2 (F7) without a beard.				
Y;i	KIU 1398, line 10.	Y (vS.2)		Y				ine neas or a ram (Ovis longipes palaeo-aegyptiacus), with	Classifier worth, dignity, renown (SfSf.yt)	F17C1 (F7C) with beard.				
		N (manual)	N	N	F17C2					vracticany a duplicate of F17C2 (F7).				
Y;i	BM EA 9999, sheet 7, line 6 (Pieprus Harris, see 1876 publication, pl. 7).	Y (in core)		Y				The head of a ram (Ovis longipes palaeo-aegyptiacus), with beard, with a sun-disk (NS) on top of	Classifier worth, dignity, renown (Sf.y)					
Y;i	Dendera IX, p. 58,2, pl. DCCXL	Y (in core)		Y				ine neas or a ram (Ovis longipes palaeo-aegyptiacus), with beard, with two feather-like plumes (S76) on top of the	Logogram Sf.yt (worth, dignity, renown).	**Redrawn in place.** (Redraw sign with S77/S78 type plumes, not the long straight ones seen here.)		redrawn in place		
Y;i	Cairo CG 28088 (B16C), back, interior, col. 112. (CT I,217,b).	Y (in core)		Y				ine neas or a ram (Ovis longipes palaeo-aegyptiacus), with beard, with the Atef crown (SBA) on top	Classifier Atf (atef crown).	Found and verified by Tobias Konrad, AAU project. F7 with SBA on top of the horns.			Additiona l row.	
Y;i	TSL	Y (vS.2)		Y				ine kneqtarn or a ram (Ovis longipes palaeo-aegyptiacus), with	Logogram Sf.yt (worth, dignity, renown).					
Y;i	Edfu I, p. 25,18, pl. CCXIV	Y (in core)		Y				ram (Ovis longipes palaeo-aegyptiacus), with beard, with a second head looking backwards.	Logogram Sf.yt (worth, dignity, renown).					

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
F17CB	F-02-011				B		F8A	F8A			F8A											89;1	146;9							10				1	F;51	5
F17C9	F-02-012						F8B	F8B			F8B														F;0702											1
F17CA	F-02-013						F56	F56			F56												146;11												F;55	2
F17CB	F-02-014																						146;12												F;53	2
F17CC	F-02-015						F57	F57			F57											96;4	146;13													2
F17CD	F-02-016				F																		147;1												F;59	2
F17CE	F-02-017				B	20	F58	F58			F58		8			7	1					96;5	147;2	161;10	4;7					19				3	F;61	9
F17CF	F-02-018							F58A	F58A		F58A																									
F17D0	F-02-019				F																		147;3												F;63	2
F17D1	F-02-020						F60	F60			F60												147;4												Q;683	2
F17D2	F-02-021			1313E			F59	F59			F59									F053				2;67	15;55	F;0750					13					Q;679	5
F17D3	F-02-022				F		F59A	F59A			F59A																									Q;681	1
F17D4	F-02-023				F		F184	F184			F184													2;67												D;771	2
F17D5	F-02-024						F148	F148			F148																										
F17D6	F-02-025						F148A	F148A			F148A																										
F03. Bovidae heads																																				
F17DD	F-03-001				A		F1	F1					**100**	75			25					88;1	147;5	161;1	4;3	F;0200		828;6		11	5				F;27	11
F17E1	F-03-002			130FE			F1B				F1		**221**			221		1_2871	F1	F001			147;6										1	14	F;25	8
F17F2	F-03-003						F3C																													
F17E2	F-03-004			13100			F2	F2			F2		**103**	102			1	1_3001_00	F2	F002						F;0250		828;7						1	7		9
F17E3	F-03-005				C		F1A	F1A			F1A							1_3000		F001C						F;0300										3
F17E4	F-03-006				C		F2A	F2A			F2A		**8**	8				1_3001_01																			2
F17E5	F-03-007				D		F61	F61			F61		**2**	1		1							147;8	161;2											F;29	5
F17F3	F-03-008						F61A																													
F17E6	F-03-009				C		F2B	F2B			F2B		**6**	6				1_3037																		F;33	3
F17E7	F-03-010																						147;9												F;97	2
F17E8	F-03-011				C		F116	F116			F116		**2**			2							148;4		4;46					1					F;301	5
F17F1	F-03-012				F		F116A		F116A																									1		1
F17E9	F-03-013				F																		147;10												F;37	2
F17EA	F-03-014			130FF			F63	F63			F63		**970**	1	1	867	101	1_3125	F1*	F001A	96;6	147;1	161;3	4;5	F;0101	1433;4	832;9		F800E	2090	84	77	75	277	F;35	21
F17F4	F-03-015						F63C																													

Index	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F17CB	Y/I	Dendera Porte d'Isis, p. 47.11, pl. 55.	Y (in core)		Y				The hindpart of a lion with the head of a ram (Ovis longipes palaeo-aegyptiacus), with the hindpart of a ram (Ovis longipes palaeo-aegyptiacus), with beard, with a uraeus on top of the head.	Logogram 5F.yt (worth, dignity, renown).					
F17C9	Y/I	Medinet Habu I, OIP 8, pl. 26, col. 17.	Y (in core)		Y				The hindpart of a ram (Ovis longipes palaeo-aegyptiacus), with beard, with a uraeus on top of the head.	Classifier worth, dignity, renown (5F.yt)	**Redrawn in place.** (Redraw sign so that the Uraeus does not have a tail (see F0A05 (C481).)		redrawn in place		
F17CA			N (auto)		N						No sources given.				
F17CB			N (auto)		N						No sources given.				
F17CC			N (auto)		N						Laurent token (Dendera X, p. 140,9, pl. 78) is I27.				
F17CD			N (manual)	N	N						Practically a duplicate of F17CE (F58).				
F17CE	Y/I	KIU 4205, line 1 (near the end of the line).	Y (in core)		Y				Four heads of rams (Ovis longipes palaeo-aegyptiacus) with necks, connected two-by-two to each other, vorming an cross-shape.	Logogram Xmmey (the eight primordial gods).					
F17CF			N (auto)		N						No sources given.				
F17D0			N (auto)		N						verified by image from Philipp Seyr, only has the O49 inverted in the transcription, on the place where the X1 is given here, which I would prefer to call an insertion, although some deformation of F17CE does occur.				
F17D1			N (auto)		N						No sources given.				
F17D2	Y/I	Belin Inv. Nr. 18562: front, rightmost column.	Y (v5.2)		Y				The head or a ram (Ovis longipes palaeo-aegyptiacus), with beard, on top of a staff with a forked end (F59), written over a forearm with the hand holding a conical loaf of bread (D37).	Phonogram mdw.	Uraeus token is KIU 3853, line 6, which discusses F17D4, for some reason in BIFAO 53, p. 50 Sauneron discusses F17D2 (F59) using this sign as transcription.				
F17D3			N (auto)		N										
F17D4	Y/I	KIU 3853, line 6	N (manual)	N	N					Phonogram md.	Overlay.				
F17D5			N (auto)		N						No sources given.		vase?		
F17D6			N (auto)		N						No sources given.		vase?		
F17DD	Y/I	TSL	N (manual)	N	N				The head of a bovid (ox), with rounded horns.	Logogram kA (bull).	of horns occur, F17E1 (Jaeh F1, U+13DFE) is sufficient for unicode, as the specific form of the horns do not have a meaningful value.				
F17E1	Y/I	TSL	Y (v5.2)		Y				The head of a bovid (ox) with outwards curvine horns.	Classifier bull, ox, cattle (kA).					
F17F2	Y/I	ACEr 36 (autobiography Khnumhotep II), pl. 8, pl. 111, col. 89.	Y (in core)		Y				The head of a bovid (ox) with outwards curving horns, with a short vertical stroke under the chin (beard?).	Logogram kA (bull).	Found and verified by Peter Dils.			Additional row	
F17E2	Y/I	TSL	Y (v5.2)		Y				The head of a bovid (bull), angled forward as if to attack.	Classifier rage/agression (Dnd).					
F17E3	Y/I	TSL	Y (in core)		Y				A head of a bovid (ox), as seen from the front, with one rather long uraeus (bull), angled forward as if to attack with a cobra (Naja haja), standing up, with expanded hood (Uraeus), between the horns.	Phonogram smA.					
F17E4	Y/I	TSL	Y (in core)		Y					Classifier rage/agression (Dnd).					
F17E5	Y/I	Edfu VIII, 135,20, Bartels photo 0182.	Y (in core)		Y				The head of a bovid (ox), with a forwards, downwards line coming from the mouth.	Phonogram Sxmw					
F17F3	Y/I	Turin cat. 1447 (stela Menu), middle register, line 6.	Y (in core)		Y				The head of a bovid (ox), with a rope around the nose, angling downwards and backwards.	Logogram kA (bull).	Found and verified by Peter Dils.			Additional row	
F17E6	Y/I	TSL	Y (in core)		Y				The forepart of a bovid (ox).	Classifier xtn.	It is not clear what the lemma xtn actually is.				
F17E7			N (auto)		N						No sources given.				
F17E8	Y/I	Edfu VII, 44,10, Bartels photo (wall) 327.	Y (in core)		Y				The head of a bovid (ox), crowned to a foreleg of an bovid (ox), hoof orientated away from the reading direction (F24).	Classifier Ursa Major constelation (msxt.yw).			head & foreleg; big dipper (msḫt)w)		
F17F1			N (auto)		N						Uraeus vorne d'Horus, p. 8,12, p. 89 is barely visible in the image, and practically horizontal (i.e., F17E8 (F116)).				
F17E9	Y/I	TSL (F63)	N (manual)	N	N				The head of a bovid (cow), without horns.	Phonogram ant.	Exists (for example TSL_3_23076), but not a worthwhile variant of F17EA (F63) for Unicode.				
F17EA	Y/I	TSL Luc Limme, Egyptische stèles (Wegwijzers voor de Egyptische afdeling, 4), Brussel 1979, Nr. 5 (Brussel E 2161).	Y (v5.2)		Y				The head of a bovid (cow), without horns. with an ear.	Phonogram ant.					
F17F4	Y/I		Y (in core)		Y				The head of a bovid (cow), without horns, with an ear, with a short vertical line under the chin (beard?).	Logogram kA (bull).	Found and verified by Peter Dils.			Additional row	

Index	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
F17CB									
F17C9									
F17CA									
F17CB									
F17CC									
F17CD									
F17CE		Y							
F17CF									
F17D0									
F17D1									
F17D2									
F17D3									
F17D4									
F17D5									
F17D6									
F17DD	HG-specific version of D001	N		Form does occur with these type of Horns, but I agree that only one form should be used.					
F17E1									
F17F2									
F17E2									
F17E3		Y							
F17E4		Y		I cannot verify PT 208Bc (N) sethe column 975 with an image (antechamber, north wall, abdr. 1345), need to check squeeze. The example from Edfu VIII, 135,20, photo 0182 might have this sign, but it looks different to me. (Sam w can be spelled with F5, and I do not consider this sign really bovid).					
F17E5									
F17F3									
F17E6		Y		Note that all of the F1 examples (except 1266c) are different signs, as they are the front half of an E1 (see attached image, PT 425e (P), sethe column 229, antechamber, east wall) > Mutilated form of E1.					
F17E7									
F17E8				Could not locate an image for the TLA sources (Edfu VIII, 7,11).					
F17F1									
F17E9									
F17EA									
F17F4									

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caur | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val find,ḫwt,xm,xnty | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differentiality | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differentiality | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhon | VP Val Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val ioun | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Siz	GID	HG	HGx	Dour	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Uniker	Cauv	IFAO	Leitz	Kurth
F188A	F-08-011				B			F4A	F4A			F4A	**2**			2					88;4	153;5	161;13	4;15
F188B	F-08-012							F95	F95			F95										153;6		
F188C	F-08-013				F																	153;7		
F188D	F-08-014				B			E128	E128			E128	**6**			4	2				81;2	153;8	159;43	3;63
F188E	F-08-015				C			E129	E129			E129	**5**			2	3					153;9	159;44	3;64
F188F	F-08-016				C			F90	F90			F90	**6**	6										
F1890	F-08-017				D			F93B	F93B			F93B									98;9		161;14	4;17
F1891	F-08-018							F93	F93			F93												
F09. Donkey and horse protome																								
F18A0	F-09-001				B			F97	F97			F97						1_3186			99;1	153;1	161;19	
F18A1	F-09-002				F			F97x												F097C		153;11		
F18A2	F-09-003				B			F98	F98			F98									99;4	153;1	161;19	
F18A3	F-09-004				C			F98A	F98A			F98A									99;5	153;13		
F18A4	F-09-005				B			F98D	F98D			F98D	**2**				2				99;7	153;14		18;15
F18A5	F-09-006				C			F97B	F97B			F97B									99;3	153;15		
F18A6	F-09-007				F																	154;1		
F18A7	F-09-008				F																	154;2		
F18A8	F-09-009				B			F98B	F98B			F98B	**22**			22					99;6	154;3		18;15
F18A9	F-09-010				C			F98E	F98E											F098E				
F18AA	F-09-011				F																	154;4		
F18AB	F-09-012				F			F98F												F098F		154;5		
F18AC	F-09-013				D			F97A	F97A			F97A									99;2	154;6		
F18AD	F-09-014				C			F98C	F98C			F98C	**5**			5					99;6	154;7		
F18AE	F-09-015				F																	154;8		
F18AF	F-09-016				F			F99	F99			F99										154;9		
F10. Animal head; varia																								
F18C0	F-10-001				D			F100	F100			F100	**3**	3										
F180D	F-10-002				D			F80	F80			F80	**2**			2							161;17	
F180E	F-10-003				F			F3B												F003B	97;5	148;13		
F11. Bovidae horns																								
F18D0	F-11-001			1310B				F13	F13			F13	**1801**	373	444	909	75	1_2913	F13	F013	89;5	154;1	161;21	4;22

Index	H&S	Hannig	Bonnam	Moeller	Richn	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhon	VP Val	Weight
F188A	F;1101					16		1	2			E;107	*ḫ;ḥ3t*	10
F188B														1
F188C												E;379	*nb;ḫns*	2
F188D	E;9100	1431;12	827;5			2					2	E;381	*nb;ḫns*	12
F188E	E;					1		1				E;383	*ḫnsw*	9
F188F		1433;10												2
F1890												F;113	*ḥ3ty-ʿ*	4
F1891														
F18A0						18	1	1				U;165	*ḫn(w);ḫntš*	8
F18A1												U;163	*ḫnt;ḫntš*	3
F18A2						26	1	2				U;149	*ḫntš*	7
F18A3						2		3				U;153		5
F18A4						9	3		1			U;151	*bi3t;ḫntš*	8
F18A5						8						U;167	*ḫntš*	4
F18A6												U;141	*ḫntš*	2
F18A7												U;143	*ḫntš*	2
F18A8						12		1						6
F18A9						8		1						3
F18AA												U;139	*ḫntš*	2
F18AB												U;155	*ḫntš*	3
F18AC						2						U;159	*ḫnt*	4
F18AD												U;145	*ḫntš*	4
F18AE												U;147	*ḫntš*	2
F18AF												U;157	*ḫntš*	2
F18C0		1433;11	832;14											3
F180D	F;1600													3
F180E				f149 v3								F;151		5
F18D0	F;2300		829;3			97	10	6	13	13	48	F;159	*ip;w;wp;wt;snw;dmḏ*	20

Index	Vote	Comment DW	Yote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP
F188D			Y							
F188E			Y							
F188F			Y/URAEUS	DIFF						
F18A0	N	TSL token not clear enough	?	DIFF	Could be clearer, yes. The current tokens I found for this sign all have the same problem that the photos are too poor to be certain if it is F97 or F98. (Cauvilles (2001) example, Dendera II, 183,5, pl. CXLVI has the same issue, the sign is a bit clearer, but I cannot say with certainty if it is a horse or a donkey).					
F18A8			Y							
F18AD			?	DIFF	Meaningless variant in my opinion, but does exist					
F18C0			Y							
F180D					Only visible in facsimile, ACEr 18, pl. 46 (classifier HT.t).					

Index	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F188A	Y/i	Dendera V, 81,1, pl. CCCLXXXV (drand).	Y (in core)		Y				The forepart of a lion, standing.	Logogram HA.t (beginning, front).					
F188B			N (auto)		N						No sources given.				
F188C			N (auto)		N						Duplicate of F188D (E128).				
F188D	Y/i	BM EA 575, line 10.	Y (in core)		Y				Two foreparts of lions, lying down, connected back to back.	Classifier Haker festival (hAkr).	Function could be phonemogram/phono-repeater Akr as well.				
F188E	Y/i	KIU 4135, line 1.	Y (in core)		Y				Two foreparts of lions, lying down, connected back to back, with a sun-disk (N5) on their	Logogram xnsw (Khonsu).					
F188F	R/i	Unas, PT 253b, Piankoff pl. 37, 9th column from left.	Y (in core)		Y				The head of a leopard with a uraeus on top of it.	Classifer strenght (A.t).	**Redrawn in place.** (Tokens do not show the tail of the uraeus, redraw without tail.)		redrawn in place		
F1890			Y (>=D,JSeh/HG)		N						I could not verify any token with an image (Edfu I, p. 536, 554, 558; Dendera VII, 186,13)				
F1891			N (auto)		N						No sources given.				
F18A0	Y/i	Dendera Porte d'Hathor, p. 31,10, p. 119, left image, top line.	Y (in core)		Y				A sledge with the forepart of a donkey/ass, with one leg.	Phonemogram xntS.	Distinct from F18A5 (F97B) as only one leg is shown.				
F18A1	Y/i	Dendera XI, p. 13,1, pl. 23, bandeau.	Y (in core)		Y				A sledge with the forepart of a donkey/ass, with one leg and only one ear, angled	Phonemogram xntS.	Single ear variant of F18A0 (F97). (i.e., it is a donkey/ass, not a horse).				
F18A2			Y (>=D,JSeh/HG)		N						JH-D tokens are either F18A1, or too unclear to be certain. Valeus token (Dendera II, 89,5) cannot be verified with an image.				
F18A3	Y/i	Dendera, Porte d'Hathor, p. 27,6, 16, p. 95, 96.	Y (in core)		Y				A sledge with the forepart of a horse, with one leg, with a rectangular block on the sledge.	Phonemogram xntS.	technically has two legs. Token p. 27,6, p. 96 might have a leg, or could be F18A9 (there seems to be a leg, but it could be damage).				
F18A4	Y/i	KIU 4208, line 1, about the middle.	Y (in core)		Y				A sledge with the forepart of a horse, with two legs.	Phonemogram xntS.					
F18A5	Y/i	Dendera XI, p. 31,2, pl. 23, drand.	Y (in core)		Y				A sledge with the forepart of a donkey/ass, with two legs, one raised, one bend backwards.	Phonemogram xntS.	Variant of F18A0 (F97) with two legs showing. **Redrawn in place.** (Based on the verifiable tokens, the legs should be redrawn as if rearing, with one as it is, and the other bend further backwards.)		redrawn in place		
F18A6			N (manual)	N	N						Practically a duplicate of F18A4 (F98D).				
F18A7			N (manual)	N	N						Practically a duplicate of F18A8 (F98B).				
F18A8	Y/i	Edfu VII, 63,2, Bartels photo (wall) 293.	Y (in core)		Y				A sledge with the head of a horse.	Phonemogram xntS.					
F18A9			Y (>=D,JSeh/HG)		N						Only verifiable token (Dendera XI, p. 51,9) should be read as a variant of U16 at best. All Verifyable Dendera XV tokens were dog headed.				
F18AA			N (manual)	N	N						Mirrored form of F18A8 (F98B).				
F18AB	Y/i	Dendera I, p. 43,1, pl. LIV.	Y (in core)		Y				A sledge with the head of a donkey/ass, with only one ear, angled forwards.	Phonemogram xntS.					
F18AC			N (manual)	N	W						Dendera X, p. 25,9, pl. 24 is damaged, and could be horse headed, or not even a sled as well. Valeurs token is a form of U16. JH-D token (Dendera XIV, p. 63,7, Commentaire pl. XXV), my image is too poor to recognise the sign.			Wait	
F18AD	Y/i	Edfu VIII, 130,16, Bartels photo 0173, recitation, column 2.	Y (in core)		Y				A sledge with the head of a horse, with the vertical lines of the sledge extending beyond the top line.	Phono-repeater xntS.	Although it exists, I doubt that the inclusion into unicode is meaningful, as it could be covered by F18A8 (F98B).			Yes	
F18AE			N (manual)	N	N						Practically a duplicate of F18AD. (I could not verify the Valeurs token (Edfu IV, p. 11,13) with an image).				
F18AF			N (auto)		N						Valeurs token (Daumas, Mammisi Dendera, p. 58,16) could not be verified with an image.				
F18C0	Y/i	M/F/E 51 (PT 864,b-c, sethe column 181), see Berlin image.	Y (in core)		Y				The head of an elephant.	Phonemogram Abw.					
F180D	Y/f	ACEr 18, pl. 46	Y (in core)		Y				Head of an Hyena.	Classifier hyena (HT.t).	abb. 57, pl. XIX,b seems to have this sign as well, but my current image gives rather long ears (F69 like), but seems to be there (and makes sense in the offering formula). **Moved.** (Sign should be moved to category F10. Animal head; Varia, as it is not a dog.)				
F180E	Y/i	Dendera VI, p. 41,12, pl. CCCCLXXXVIII, drand.	Y (in core)		Y				The head of an animal with the ears backwards.	Logogram nSn (rage)	supposed to function for nSn, which is usually classified with a seth animal or donkey/ass, I wonder if this is not supposed to be the head of a donkey with both ears backwards, rather than a dog (as this placement suggest) or a hippotamus (as the F3 code suggests).				
F18D0	Y/i	TSL	Y (v5.2)		Y				The horns of a bovid (ox).	Phonemogram wp.					

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikev | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vols | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikee	Caurw	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F193B	F-14-009				D			F121	F121			F121	**3**	3																								1
F193I	F-14-010				C			F122	F122			F122	**5**	5																								1
F25. Jaws																																					
F195O	F-15-001				E			F19C	F19C			F19C										157;2			F;2700											F;259		3
F195I	F-15-002				B			F19B	F19B			F19B	**6**			6						90;6	157;3							7						F;257		5
F195Z	F-15-003				F			F19A	F19A			F19A	**1**	1								157;4														F;261		3
F195J	F-15-004			13112				F19	F19			F19	**34**	6		28		1_2995	F19	F019			161;92	4;41	F;2750		829;10											9
F56. Tongue																																					
F196O	F-16-001			13113				F20	F20			F20	**2638**	101	648	1828	61	1_3002	F20	F020	90;7	157;5	161;33	4;42	F;2800		829;11			7	8	2	1	3	144	F;275	*m:mr:nn:sfp:gl*	20
F1961	F-16-002				F																	157;6														F;271	*imy-r':whm:mr:nr:r*	2
F1962	F-16-003				B			F20B	F20B			F20B									90;7	157;7								5	2		1		12	F;279		7
F196B	F-16-004				F			E5194		E5194																					1							1
F1963	F-16-005							F20D														157;8														F;267		2
F1964	F-16-006																					157;10														F;269		2
F1965	F-16-007																					157;11														D;225		2
F1966	F-16-008				F			F20C														157;12														F;263	*r:r:t-*:nut*	2
F1967	F-16-009				A			F20A	F20A			F20A	**28**	22		6					90;7	157;1	161;33	4;42						123	10	11	8	4	24	F;265	*ffy:mr:sfp:t*	13
F1968	F-16-010				F																	158;1														F;273	*mr:nn*	2
F1969	F-16-011																					158;2														F;277		2
F196A	F-16-012																					158;4														F;283		2
F37. Ear																																					
F198O	F-17-001				F																	158;5														F;245	*I-wnw:ỉd:ỉdn:ỉdg-mgḥ:-nn:s gbn:dn:ỉḫ*	2
F1981	F-17-002				F			F21B													91;1	158;7														F;243	*I-wnw:ỉm:ỉd:ỉdn:-nn:sfm:d n:ỉḫ*	3
F1982	F-17-003																					158;9														F;249		2
F1983	F-17-004							F21D													91;1	158;11														F;247		3
F1984	F-17-005			13114				F21	F21			F21	**2281**	183	1007	1068	23	1_3015	F21	F021			161;34	4;40	F;2900		829;12			2				1	23			14
F1985	F-17-006				B			F21A	F21A			F21A	**3**			3				F021F	91;2	158;13							59	2	3	5		11	F;253		10
F1986	F-17-007			13115				F21E			F21B	FN	**239**		119	115	5		FN	F021A																	5
F1987	F-17-008							F21C														158;14														F;255		2
F38. Hindquarter																																					
F19A0	F-18-001			13116				F22	F22			F22	**1419**	22	582	784	31	1_3022	F22	F022	91;3	159;1	161;35	4;44	F;3100		829;13			67	23	11	3	4	92	F;293	*pḥ:pḥw:y:pḥwt:zp:ḥw:mt:ỉḫ ỉḫ:ḫḥ*	20
F19A1	F-18-002				B			F17B	F17B			F17B	**29**			28	1	1_2985			102;8		161;36	4;45	F;3150		833;1					4		1		F;295	*ḥ:mn:ḫp:-ỉdr:-ỉḫ:ỉp*	11
F39. Leg																																					
F198D	F-19-001				C			F25A	F25A			F25A	**5**			3	2				92;2	159;3								3			1			F;341		7
F1981	F-19-002																					159;4														F;323		2
F1982	F-19-003							F114A	F114A			F114A										159;5			F;3200											F;325		3
F1983	F-19-004																					159;6														F;327		2
F1984	F-19-005							F114B												F114B		159;7														F;321		3
F1985	F-19-006			13119				F25	F25			F25	**996**	16	582	351	47	1_3025	F25	F025	92;2	159;8	161;39	4;49	F;3400		830;3			155	8	7	8	7	82	F;303		20

Vols	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
	what is this?	?	DIFF	PT 658e (T) and PT 698b (T) are both sHd (F18 should have been read). PT 533b (T) is part of 3 pieces of meat, see my comments with F18A and F18B.					
				the OK form of the nm-knife (T35, see Unas examples of how close to a tusk this can look). PT 1432a is damaged in both P and N, and based on the function (to bend), if it is not a finger or something else, However, this sign might fit, as the spell discusses the bull of the sky bending its horn.					
	what is this?	?	DIFF	Nonetheless I prefer to not include this sign.					
				Beleg 1 is a cursive variant of F18, I don't think it is this sign however (see BIFAO 65, pl. XIX, column 110, line 31). Turin Bst0, chapter 26, col 3 is a different sign altogether. Without a hieroglyphic example, I do not feel comfortable including this sign.					
		Y		I could not locate the PT example exactly, but it was used as part of three different classifiers of a t, so whatever was written should be considered a piece of meat. See my comments at F18A and F18B.					

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sis	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F19B6	F-19-007																					159;10														F;305		2
F4622	F-19-008		13415					AA7B			AA7B	Aa7B									Aa7**	AA007B																	2
F19B7	F-19-009		13118					F24	F24			F24	**150**	13	1	114	22	1_3023_01	F24	F024	92;1	159;11		4;46	F;3300		830;2			21	13		5	5			F;297		17
F19B8	F-19-010		13117					F23	F23			F23	**492**	28	250	128	86	1_3023_00	F23	F023		159;1	161;37	4;46	F;3300		830;1			1	1		6		15			16
F19B9	F-19-011				D			F115	F115			F115	**1**			1						159;1	161;41	4;48												F;307		5
F19BA	F-19-012				C			F119	F119			F119	**4**			4					101;1	159;14		4;52			832;15			4						F;639		7
F19BB	F-19-013							F117	F117			F117										160;1														F;345		2
F19BC	F-19-014																					160;2														F;317		2
F19BD	F-19-015																					160;3														F;311		2
F19BE	F-19-016				F																	160;4														F;313		2
F19BF	F-19-017				B			F114	F114			F114	**4**			1	3				100;4	160;5	161;40	4;53						32	2	3				F;315		10
F19C0	F-19-018				F			F25C														160;7		4;50												F;319		3
F19C1	F-19-019				C			F118	F118			F118	**3**			3					100;6	160;8	161;40	4;53											1	F;339		7
F19C2	F-19-020				F			F25D												F025D		160;9														QR;77		3
F19C3	F-19-021							F25B														160;10														QR;79		2
F19C4	F-19-022				F			F118D														160;11														F;331		2
F19C5	F-19-023				F			F118E														160;12														F;329		2
F19C6	F-19-024				C			F118B	F118B			F118B	**5**			5					100;8	160;13		4;51												F;337		5
F19C7	F-19-025				B			F118C	F118C			F118C									100;9	160;14		4;51						13			2		3	F;333		7
F19C8	F-19-026				B			F118A	F118A			F118#	**8**			7	1				100;7	160;1	161;42	4;51						7		1			2	F;335		10
F19C9	F-19-027				D			F158	F158			F158	**1**				1				102;5		161;38							1								4
F19CA	F-19-028				D			F158A	F158A			F158#	**1**			1					102;5			15;34a												F;643		4
F19CB	F-19-029		13221					NL2			NL2	NL2	**1**				1		NmL2	NL002																		3
F20. Skin																																						
F19BD	F-20-001		1311A					F26	F26			F26	**1101**	49	462	551	39	1_3027	F26	F026	92;3	161;1	161;43	4;57	F;3800		830;4			51	2	1	3		15	F;377		19
F19E1	F-20-002				C			F124	F124			F124	**1**			1					101;2	161;3	161;44	4;58												F;379		6
F19E2	F-20-003							F124A	F124A			F124#																										
F19E3	F-20-004				F			F124B												F124B				4;58a												F;381		3
F19E4	F-20-005		1311B					F27	F27			F27	**1821**	11	1066	727	17	1_3028	F27	F027	92;4	161;4	161;46	4;54			830;5			48	3	1		2	29			17
F19E5	F-20-006				F																	161;5														F;351		2

Comment DW	Vote DW Core (2021)	DW differentiy	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiy	Comment SP
			Sign should probably never have existed, as it is used for sqr in Seti temple Abydos. However, when compared with the Seti inscriptions in Karnak (for example KIU 777, line 1, it is rather F25/F25A which is used there. If one compares the graphemes, it is rather clear that this sign should be the cow-leg instead. Hence, I would argue that this sign should be removed/deactivated.					
what is this?	Y		Thigh of an ox. (F23/F24 without the lower leg)					
cf. F25A	?		See F25A above, maybe reduce to one sign only?					
			No idea where the attestations are in TLA. In Cauville (2001), p. 100, F118 and F25A are merged. Same for Kurth.					
	Y							
	Y	DIFF	TLA examples are all P. Ebers (i.e, hieratic), in which I cannot recognise this sign at all (Moeller 114 has exactly the same form, which he transcribes as D46D). Cauville (2001) example is actually F118A.					
	Y		none that this sign can be difficult to distinguish from an X1 at times. karnak source is practicaly unreadable. Should be considered the sam as NL2.					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
		N (auto)		N						No sources given.				
		Y (v5.2)		N						II/when F25 andF25A are included, this sign is no longer necessary. Artifact from Gardiner.		leg		
y,i	TSL	N (manual)	N	N				A foreleg of a bovid (ox), hoof orientated away from the reading	Classifier foreleg/arm (sp5)				No/No.	
y,i	TSL	Y (v5.2)		Y				A foreleg of a bovid (ox), hoof orientated towards the reading	Classifier foreleg/arm (sp5)	serrated form or F19B7 (F24), no longer required with mirroring tools.			Yes	
		Y (=O_ISeh/HG)		N						Photo (Edfu VIII, 118,11, photo 0151) is not clear enough to see the sign.		TLA/Karnk token (Edfu VII, p. 118,11, Bartels Photo 0151) was not clear enough to recognise this sign.		
		Y (=O_ISeh/HG)		N				The tigh of a bovid (ox).		JH-D tokens (Dendera X, p. 20,4; 30,11; 41,14; 209,7) are all F19C8 (NL2). Cauville/Kurth token (Dendera I, p. 123,12) is F19C8, Dendera I, p. 124,2 is F19CA (F158A). TLA tokens are either a variant of U37, or occur with a cup below it. Valeurs token (ASAE 40, Drioton, p. 313) is on a standard as well.				
y,i	Dendera XI, 24,11, pl. 20. (top image, line in front of the king (title)).	Y (in core)		Y				The leg and hoof of a bovid (ox), bend at the ankle.	Phonogram sqr.	F19BD (F25A) and F19BF (F114) are practically identical. Maybe only include one of the two. Distinction for this token is based on the angle in the leg at most.			Yes	
y,i	KIU 4846, line 6	Y (in core)		Y				The leg and hoof of a bovid (ox), with a cross (Z9) written above it.	Logogram wtm (to repeat).	Exists, but could just as well be rendered.			Yes	
y,i	KIU 3972, line 7.	Y (in core)		Y				The paw and foreleg of a lion.	Phonogram nm.					
y,i	Edfu I, p. 163,14, Edfu XI, pl. CC1XXI (title).	Y (in core)		Y				The leg of a chair or table, resembling the paw and foreleg of a lion.	Phonogram nm.	p. 266,3) could not be verified with an image. Make sure the image includes the W10 like block under the paw.		furniture leg		
		N (manual)	N	N						Likely exists to some extent (for example, see KIU 4230, line 1), but not a meaningful variant of F19C1 (F118). Would be a lions paw and leg, not a hoof and leg.				
		N (manual)	N	N						i see no reason to distinguish between F19C8 (F118A) and F118D, and I would consider the Ifao/valeurs font of F;331 to fit F118A better than F19C4.				
y,i	Dendera VIII, p. 35,18	Y (in core)		Y				A schematic representation of a lions paw.	Phonogram kAp (gb).	The more schematic form of F19C7 (F118C) or F19C8 (F118A). Technically often how this sign looks, but should not be included in Unicode. (Verified by Peter Dils).			Yes	
		Y (=O_ISeh/HG)		N						extensive search in Edfu I (28,11; 56,12; 184,17; 207,5; 242,7-9; 271,7; 476,13; 477,1; 489,6; 537,9; 549,11) of which only 184,17 actually had an image (Edfu 11, pl. CCIXXXI, 1st register, krand), I rather assume that this sign is a structural misinterpretation for what should be read as F19C8 (F118A).				
y,i	Dendera Porte d'Horus, p. 12,10, p. 93 (bandeau).	Y (in core)		Y				A lions paw and foreleg, horizontally.	Phonogram kAp.					
y,i	KIU 4229, line 3.	Y (in core)		Y				A lions paw.	Phonogram kAp.					
		N (manual)	N	N						no reason to distinguish this sign from F19C8 (NL2).				
y,i	KIU 4117, line 5	Y (in core)		Y				The tigh of a bovid (ox), on top of a standard used for the carrying of religious symbols (R12).	Logogram xm (Letopolis).					
y,i	Calverley, Abydos 4, pl. 11,D (third figure from left)	Y (v5.2)		Y				The tigh of a bovid (ox), on top of a standard used for the carrying of religious symbols (R12) on top of a parcel of land with irrigation ditches (N24).	Logogram xm/ipS/iwa (2nd nome of Lower Egypt).	There seems to be some uncertainty in the publications on what the phonetic value for this nome is.		unify with F158?		
y,i	TSL	Y (v5.2)		Y				The skin of a goat.	Phonogram Xn.					
y,i	TSL cdxv xvi, 111,12, Bartels photo 0148 and 0151.	Y (in core)		Y				A gray neron (across cinema) (G31), on top of the skin of a goat (F26).	Phonogram bx					
		N (auto)		N						No sources given.				
y,i	Blackman, Bigeh, p. 21, pl. XIV.	Y (in core)		Y				A human neaded bird, with a flagellum (S45) on its shoulder (G36), on top of the skin	Phonogram bxn	Construction of b(A)-Xn.				
y,i	TSL	Y (v5.2)		Y				The skin of a cow, with the tail curved backwards.	Classifier animal (Tam).					
		N (manual)	N	N						Mirrored form of F19E4 (F27).				

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sta	GID	HG	HGx	Down	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikor	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F19E6	F-20-007				D			F27A	F27A			F27A	1			1									F;4002					1							3
F19E7	F-20-008				C			F27B	F27B			F27B										92;4	161;6	4;55a	F;4000									3	4		6
F19E8	F-20-009				F																		161;7												F;349	*b:wr,f|ack*	2
F470D	F-20-010				F			E5226	E5226												F027C									1						*^b*	2
F19E9	F-20-011				F																		161;8												F;355	*b:wr,b:b,p|fir*	2
F19EA	F-20-012				F																		161;9												F;347	*b:t,ms*	2
F19EB	F-20-013				C			F125	F125			F125											161;10			P;	1433;15	832;17							1	F;397		6
F19EC	F-20-014				C			F123	F123			F123	**3**	3													1433;14	832;16										3
F19ED	F-20-015			1311C				F28	F28			F28	**765**	5	294	416	50	1_3031	F28	F028	92;5	161;1	161;47	4;55	F;4001		830;6			192	3	8	32	1	63	F;353	*ms:x:lh:xy::ati:k:grh*	20
F19EE	F-20-016			1311D				F29	F29			F29	**315**	1	71	234	9	1_3032_00	F29	F029		161;1	161;48	4;56	F;4050		830;7			2					11	F;357	*st*	15
F19EF	F-20-017				B			F29C	F29C			F29C	**10**			4	6	1_3032_01				161;13														F;367		5
F19F0	F-20-018																					161;14														F;369	*st:zet*	2
F19F1	F-20-019				F			F29D														161;15														F;359		2
F19F2	F-20-020				F																	162;1														F;361	*st|*	2
F19F3	F-20-021				A			F29A	F29A			F29A	**53**			52	1				92;6	162;2	161;48	4;56						109	4	8	5		24	F;365	*x:wdj|t:|:|tt*	12
F19F4	F-20-022																					162;3														F;363		2
F19F5	F-20-023																					162;4														F;373		2
F19F6	F-20-024																					162;5														F;375		2
F19F7	F-20-025				C			F29B	F29B			F29B	**1**			1						162;6								1					4	F;371		5
F19F8	F-20-026							F126	F126			F126										162;8															*|wpw:|W*	1
F19F9	F-20-027				D			M223	M223			M223										148;6	162;9	166;26	15;59											QR;723		5
F19FA	F-20-028				E			F127A		F127A												162;10								1						QR;719	*|wpw:w*	3
F19FB	F-20-029				B			F127	F127			F127	**1**			1					101;3		161;45	15;59						8								5
F19FC	F-20-030				F																	162;11														F;395	*mh:fd*	2
F19FD	F-20-031			1311E				F30	F30			F30	**1917**	114	1247	535	21	1_3039_00	F30	F030	92;7	162;1	161;49	4;59	F;4100		830;8			18	2				24	F;393	*mh:fd*	17
F19FE	F-20-032				B			F30A	F30A			F30A	**10**	1		6	3	1_3039_01			92;7	162;14								5		1		1	8	V;189		11
F19FF	F-20-033				C			F30B	F30B			F30B	**1**			1						162;15										2			3	V;183		5
F1A00	F-20-034				C			F30C										1_3039_02																				1
F1A01	F-20-035			13120				F31F			F31B	U522I	**10**			10				F31*	F031A	162;16																4
F1A02	F-20-036				F			F31D														163;1														F;409	*ms*	2

Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP
what is this?	?	DIFF	All PT attestations are from this location, as classifier (plural) of aAg:t (so I assume it is a hoof).					
	Y							
overlay?; cf. T11B	?	DIFF	Overlay preferred, I think					
			line 27 I am not certain if it is this sign, see attached image. Based on the function, it should be a skin of a goat, wrapped around a pole (as it functions as phonogram ent).					
cf. V023A	?	DIFF	Similar to V.xAA, but not the same. graphically identical. Functionally Edfu VII, 73,6-11, photo (wall) 260 (see attached image, I wonder if it is not simply a F30A) should be considered part of F30.					
			In TSL, the distinction between F31* and F31 has not yet been made.					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
	Cairo JdE 48862-47086-47088, Victory stela Piye, Grimal, MIFAO 105, pl. II, verso line 116.													
Y/I		Y (in core)		Y				Three triangles of skin with a tail.	Classifier animal (pA-miw).					
								The skin of a cow, with the top of the skin a bit wider than the bottom, with the tail curved backwards.						
Y/I	KIU 4113, line 7.	Y (in core)		Y					Phonemogram m.	I highly doubt this is a meaningful variant of F27, but it does exist.			Yes	
		N (manual)	N	N						wwrrorwo rorm or F19E7 (F27B).				
										Verified by Peter Dils. Function based on the suggestion of Peter Dils. If added, should probably be moved to category F20. Skin (as it seems to be a variant of F19E7/F19E8 (F27B).				
								The skin of a cow, with downwards ties at the sides, with the tail angled forwards.						
Y/I	Esna VII 622,09, p. 201_2	Y (in core)		Y					Classifier animal (ew.t).	**Moved.**		moved	Yes	
										Note that in Valeurs this is a variant of F19ED (F28), not F19E4 (F27). I am not certain if this is a meaningful variant of F19ED (F28), as it would mean we have to include all bird variants when colour is visible as well. However, if added, should be redrawn to a F28 with spots.				
								The skin of a cow with a black and white dotted pattern, with the tail hanging straight down.						
Y/I	Louvre 107998 (B29), front, interior, top line.	N (manual)	N	N					Phonemogram Ab.				No/No.	
										I could not verify Edfu III, 43,5 or Edfu IV, 90,8 with an image, and I highly doubt it is a meaningful variant of F19E4 (F27) to begin with. (other tokens refer to C7.t, 25,x, which is de Bucks form of F27, and in the original a cursive form at best).				
		N (auto)		N						**Redrawn in place.** (Redraw sign with a longer tail). Function ms (Kroton, RdE 1, p. 27 (=Louvre C 65, line 9)) is quite different, more akin to F19E6 (F27A). If considered this sign, it would be rather schematic.		redrawn in place		
Y/I	Hornung, Seti I, pl. 109 (p. 173), offering list, middle section, first column from the left.	Y (in core)		Y				The skin of an leopard.	Classifier leopard skin (bA).					
										As I assume this is a hoof, it should probably be put in category F19 (leg).				
Y/I	reign I, yr.v, med/8 77, (PT 1124c). MIFAO 118, fig. 38, 5th col from left.	Y (in core)		Y				A hoof.	Classifier hoof (aAg.t).			Hoof		
								The skin of a cow, with the tail hanging straight	Logogram sAb (dappled, many-coloured).					
Y/I	TSL	Y (vS.2)		Y										
								The skin of a cow, with the tail hanging straight down, pierced by an arrow with rounded fletching (T11), written over the tail of the skin of a cow, with the tail hanging straight down, about to be pierced by an arrow						
Y/I	TSL	Y (vS.2)		Y					Phonemogram st.					
Y/I	TSL	Y (in core)		Y					Phonemogram st.					
										I doubt it is valuable to add all arrow variants of F19EE (F29).				
		N (auto)		N										
								one seon or a cow, with the tail hanging straight down, pierced by an arrow with						
Y/I	TSL (F29, token TSL_3_22050).	Y (in core)		Y					Phonemogram st.	I don't think it is valuable for unicode to include all F29 arrow type variants.			Yes	
										Duplicate of F19F3 (F29A).				
		N (manual)	N	N										
								rectangular fletching (T11B), written over the tail of the skin of a cow, with the tail hanging straight						
Y/I	KIU 3601, line 7	N (manual)	N	N					Phonemogram st.	Overlay.				
		N (manual)	N	N						Mirrored form of F19F3 (F29A).				
		N (manual)	N	N						Overlay/insertion. no sources given, but likely exists.				
		N (manual)	N	N						Overlay/insertion. No sources given, but likely exists.				
	KIU 4299, line 2; Edfu VII, 80,7, Bartels photo (wall) 260 (drawn) (using T80B instead of T21A).							A two-barbed harpoon, with a handle on the shaft, written horizontally (T21A), written over the tail of the skin of a cow, with the tail hanging straight down (F28).						
Y/I		N (manual)	N	N					Phonemogram st.	Overlay.				
		N (auto)		N						No sources given.		knife?		
								The body of a bird with the head replaced with a flower and stem, the stem curling backwards around a flower and long stem in a vase.						
Y/I	Dendera X, 48,10, pl. 30, col 152.	Y (in core)		Y					Phonemogram wt.					
		N (manual)	N	N						Mirrored form of F19F8 (F127).				
										Practically a duplicate of F19FD (F30).				
								The skin of a goat, wrapped around a pole.						
Y/I	BM EA 147, line 2.	Y (in core)		Y					Phonemogram ent.			mirror of IFAO 162,10		
		N (manual)	N	N										
Y/I		TSL	Y (vS.2)		Y				A water skin.	Phonemogram Sd.				
Y/I		TSL	Y (in core)		Y				A water skin without ties at the	Phonemogram Sd.				
	Edfu VII, 79,6-11, Bartels photo (wall) 260. (might be F30A).													
Y/I		Y (in core)		Y				A water skin without ties at the opening, and a loop at the back.	Phonemogram Sd.	I am not certain there is any value in adding all F30 variants in Unicode, besides overlap with V238.			Yes	
Y/I		TSL	Y (in core)		Y			A water skin with an carrying strap.	Logogram Sd.w (skin, water skin).	Practically a hapax in TSL, probably not worthwhile to include in Unicode.			Yes	
								A simplified representation of three skins of foxes, tied together at the top.						
Y/I		TSL	Y (vS.2)		Y				Phonemogram ms.					
		N (manual)	N	N						Meaningless variant of F1A03 (F31).				

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F1A03	F-20-037			1311F				F31	F31			F31	**9544**	485	1817	2025	5217	1_3042	F31	F031	93;1	163;2	161;50	4;60	F;4200		830;9			185	41			2	174	F;401	*m;ww*	18
F1A04	F-20-038			F				F31A	F31A			F31A									93;1	163;3														F;407		4
F1A05	F-20-039							F31G														163;4													F;403		2
F1A06	F-20-040			A				F31B		F31B																				220		11	13					3
F1A07	F-20-041			B				F31C		F31C																				85		9						2
F1A08	F-20-042							F31E																														
F1A09	F-20-043			F				F152	F152			F152																		1								1
F21. Teat																																						
F1A20	F-21-001			C				F128	F128			F128	**2**	2								163;5			F;4400	1433;16	832;18									F;413	*h;h;ḫ;ḫ;w;ḥr*	6
F1A21	F-21-002			F																		163;6													F;415	*h;ḥr;ḫ;ḫr*	2
F1A22	F-21-003			F																		163;7													F;421		2
F1A23	F-21-004			A				F32A		F32A											F032A	163;8								159		8	4			F;419		6
F1A24	F-21-005																					163;9													F;423		2
F1A25	F-21-006			13121				F32	F32			F32	**2682**	236	623	1549	274	1_3044	F32	F032	93;2	163;3	161;51	4;61	F;4300		830;10			670	38	13	22	16	114	F;417	*ḥ;ḥ;ḫr*	20
F1A26	F-21-007			C				F129	F129			F129										163;11		4;63						3					1	F;427		5
F22. Tail																																						
F1A30	F-22-001			F																		163;12													F;431	*sd* *bꜣ;grḫ*	2
F1A31	F-22-002			B				F33B	F33B			F33B	**9**			8	1				93;3	163;13		4;64						1					1	Y;41		8
F1A32	F-22-003																					163;14													Z;65		2
F1A33	F-22-004			13122				F33	F33			F33	**120**	21	68	31		1_3045	F33	F033				4;64	F;4500		830;11											9
F1A34	F-22-005							F33A	F33A			F33A																										
F23. Heart																																						
F1A40	F-23-001			13123				F34A				F34	**4961**		1429	3532		1_3048	F34	F034	93;4	164;1		4;65	F;5100		830;12								499	F;435 W	*i;ib;ḥ;ḥ;ḥ;ḥ;ḥ;w;wi;wi;wi;wi;wi;ib*	12
F1A41	F-23-002			F																		164;2													F;433	*i;ib;ḥ;ḥ* *ib*	2
F1A42	F-23-003			A				F34	F34				**598**	598							93;4	164;3	162;3	4;65						1798	142	69	82			F;437		10
F1A43	F-23-004																					164;4													W;85	*ibw*	2
F1A44	F-23-005			C				F131	F131			F131									101;4	164;5	162;4	12;33						1						N;292		6
F1A45	F-23-006																					164;6													W;83	*iw;wi;ḫwi*	2
F1A46	F-23-007			B				F132	F132			F132	**22**		12	8	2				101;6	164;7	162;5	4;66		1434;1		F8001	30		1			1	F;443	*wi;ḫ*	13
F1A47	F-23-008			F																		164;8													F;447	*wi;w;ḫity*	2
F1A48	F-23-009			D				F132C	F132C			F132C										164;9		4;66											1	F;441		4
F1A49	F-23-010																					457;1													F;439		2
F1A4A	F-23-011			F				F131A	F131A			F131F										101;5								1								2

Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
			Udder in facsimile, P/V/W 77, PT 1548a (P), classifier pH, (sign is probably an udder, the text talks about parts of some ox).					

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vols | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG No sources given, and there is no value to include every R26 variant in Unicode, as the sign is way to varied as is. Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F1A9C	F-25-016			13127				F37B	F37B			F37B	**529**	330		198	1	1_3057	Ff9		F037A	94;2	166;8		4;83			1432;15	831;1			68		1	1		18			15
F1A9D	F-25-017																						166;14													F;499		2
F1A9E	F-25-018				A			F37D	F37D			F37A	**327**	230		96	1					94;3	166;1	162;9						21					4	F;509	*prāf*	9
F1A9F	F-25-019				B			F37E	F37E			F37E	**5**			5							166;9							8					4	F;513		5
F1AA0	F-25-020				B			F37F	F37F			F37F	**48**			48						94;3								18	2				5			5
F1AA1	F-25-021				B			F37A	F37A													94;2	166;6		4;83	F;5501	1432;14	830;17		F037C	9	2			7	F;517	*ṯrḏ*	11
F1AA2	F-25-022				B			F37N	F37N			F37N	**28**	1		27						94;3	166;12							1					6	F;515		7
F1AC5	F-25-023							F37Na													F037Q																	1
F1AA3	F-25-024							F37G	F37G			F37G																											
F1AA4	F-25-025																						488;8													F;505		2
F1AA5	F-25-026				E			F37K	F37K			F37K										94;5								2								2
F1AA6	F-25-027				C			F37L	F37L			F37L										94;5								3					5		*t.ttt*	
F1AA7	F-25-028				D			F37H	F37H			F37h										94;5	166;13							1						F;523		4
F1AAB	F-25-029				F																		166;15													F;519	*prāf*	2
F1AA9	F-25-030			13126				F37	F37			F37	**97**	16		81		1_3055	F37	F037					4;82	F;5500		830;16									*ỉmiḫ.wn*	8
F1AAA	F-25-031				F																		166;16													F;533		2
F1AAB	F-25-032				B			F39A	F39A				**21**	15		1	5					95;1	167;1														*ỉmiḫ*	6
F1AAC	F-25-033			1312A				F39	F39			F39	**1029**	12	11	1006		1_3073	F39	F039			167;2	162;10	4;84	F;5600		831;5			1					22	F;535		14
F1AAD	F-25-034																						167;3													F;537		2
F1AAE	F-25-035				B			F39C				F39A	**22**			22				F039A			167;4													F;527		4
F1AAF	F-25-036																						167;5													F;529		2
F1ABD	F-25-037																						167;6													F;531		2
F1AB1	F-25-038			13129				F38D		F38D	F38C									F38*	F038A																	2
F1AB2	F-25-039				C			F39B	F39B			F39B										95;2	167;7	162;10	4;84					3						F;541		6
F1AB3	F-25-040																						167;8													F;539		2
F1AB4	F-25-041																						167;10													F;543		2
F1AB5	F-25-042																						167;11													F;547		2
F1AB6	F-25-043				F																		167;12													F;553	*ỉwr.fw*	2
F1AB7	F-25-044				D			F40A	F40A			F40A	**2**			2							167;13													F;565		4
F1AB8	F-25-045			1312B				F40	F40			F40	**1381**	104	175	557	545	1_3078	F40	F040			167;1	162;11	4;85	F;5700		831;6			48	F;549	*ỉwr.fw*	14
F1AC2	F-25-046							F40G																			1399;14	831;7										2

Comment DW	Vote DW Core (2021)	DW differentiality	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiality	Comment SP
			Note that the distinction between angled and horizontal is sometimes difficult to see.					
rotated version of F037A/F37B, at least close	N?		Should fit as rotation, as it seems possible with 90°. Note that BM EA 147, line 16 has a variant with 5 strokes. I don't have the time to check all TLA examples, but there seems to have been some liberty in which F37 form to encode with, as for example BM EA 10042, rto. 3,2 has F37i. (Not a problem, but shows that we should simplify the choices for the F37 group).					
rotated version of F37F, at least close	N?							
			I did not have time to check all attestation in the TLA, but based on a quick look through the Hieratic material, all the examples I have seen (for example P. Brooklyn 47.218.84) use F37B. (four strokes, not 5).					
but design with same angle as in F37B/F	Y							

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sis	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
																																					hw	
F1AB9	F-25-047				B			F40F		F40F												167;15								21	1	1	1			F;561		6
F1ABA	F-25-048				F																	167;16														F;557	*hwt*	2
F1ABB	F-25-049				B			F40E	F40E		F40E		23			23						168;1								1				3	3	F;559		6
F1ABC	F-25-050							F40D	F40D		F40D																											
F1ABD	F-25-051				F																	168;2														F;551	*hwt*	2
F1ABE	F-25-052				F																	168;3														F;555	*hw*	2
																																				hw:t	
F1ABF	F-25-053				A			F40B	F40B		F40B		16	4		2	10				95;3	168;4	162;11	4;85					58	25	23	16	26	51	V;201		14
F1AC0	F-25-054							F40C	F40C		F40C											168;5														U;127		2
F1AC1	F-25-055																					379;3														F;563		2
F26. Vertebra and ribs																																					
																																				ḏf	
F1ADD	F-26-001			1312C				F41	F41		F41		27	2	6	19		1_3084	F41	F041		168;6	161;12	4;86	F;5800		831;8						1			F;579		13
F470B	F-26-002				F			E5135		E5135																				1								1
																																				ḏ^cd	
F1AD1	F-26-003				C			F41C	F41C		F41C		3			2	1				95;4	168;7															F;573		5
																																				ḏ^cd	
F1AD2	F-26-004				C			F41B	F41B		F41B		3			3						168;8								2			1			F;581		5
F1AD3	F-26-005				C			F41A	F41A		F41A		4			2	2					168;9														F;575		4
F1AD4	F-26-006			1312D				F42	F42		F42		706	31	306	356	13	1_3088	F42	F042		168;10	161;13	4;87a	F;5900		831;9						7	11	D;312		15
F1AD5	F-26-007							F42A	F42A		F42A											168;11															*spr*	1
F1AD6	F-26-008				B			F42B	F42B		F42B		10	1		9						168;12														F;571		4
F1AD7	F-26-009																					168;13														F;577		2
F1AD8	F-26-010			1312E				F43	F43		F43		4			4		1_3091	F43	F043							831;10											5
F1AD9	F-26-011				C			F43A										1_3019		F043A																		2
F1ADA	F-26-012			1341D				AA15	AA15		Aa15		10820	15	27	8379	2399	1_947_00	Aa15	AA015	249;4	475;1	175;28	4;88			882;14			6479	520	268	258	546	3256	F;589	*Im;Imy-w:ḥ;wcm:ḥ^c;wsp:gs;i*	19
F1ADB	F-26-013							AA15A														475;11						AA015A										2
F1ADC	F-26-014																					475;12														D;1047	*m*	2
F1ADD	F-26-015				B			AA34	AA34		Aa34		9			9						475;13								10	1			1		D;1045		6
F1ADE	F-26-016				C			AA35	AA35		Aa35		4			4						475;14								3			1			F;613		5
F1ADF	F-26-017			1341B				AA13	AA13		Aa13		1458	124	782	535	17	1_947_01	Aa13	AA013		476;1		4;88			882;12										F;591		12
F1AE0	F-26-018			1341C				AA14	AA14		Aa14		259	219	1	39		1_947_02	Aa14	AA014		476;2					882;13										F;593	*Im;gs*	9
F1AE1	F-26-019			1341E				AA16	AA16		Aa16		283		4	250	29	1_948	Aa16	AA016	249;5		175;29	4;88a			882;15			77	16	1	3		36				15
F1AE2	F-26-020				F			AA34A	AA34A		Aa34i																			1								1
F1AE3	F-26-021							AA74	AA74		Aa74																											
F27. Haunch																																					
																																				i;ỉw^c;ḫc^c;ḫc^{cr}	
F1AF0	F-27-001			1312F				F44	F44		F44		854	232	6	508	108	1_3092_00	F44	F044	95;5	168;1	162;16	4;92	F;6300		831;11			31	3	10			187	F;617		18
F1AF1	F-27-002																					169;1														F;641	*ḥs*	2
F1AF2	F-27-003				A			F44A		F44A											95;5	169;2								160	4		10			F;619		6
F1AF3	F-27-004																					169;4														F;625	*ḥr^c*	2
F1AF4	F-27-005				B			F44B					21			21						169;5														F;621		3
F1AF5	F-27-006																					169;6														F;623		2
F1AF6	F-27-007				C			F140	F140		F140		9	2		7		1_3092_01				169;7														F;631		5
F1B72	F-27-008				E			F161	F161		F161										102;6								2									2
F1AF7	F-27-009				B			F141	F141		F141		17	16		1						169;9					832;20									F;633		5
F1AF8	F-27-010				C			F142	F142		F142		8	5		2	1								1434;3													4
F1AF9	F-27-011																					484;8														F;637		2

Vots	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
		Y							
		Y							
		Y?							
		Y							
				We lack a good token for this sign, as the majority of sources use F41A, F41B or F43C instead.					

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sta | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Seque nce	Siz	GID	HG	HGx	Dour	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL
F1B3A	F-29-012				C			F51F	F51F			F51F	**6**			4	2	
F1B3B	F-29-013							F145	F145			F145						
F30. Excrements; pustule																		
F1B50	F-30-001			1313D				F52	F52			F52	**24**	20		4		1_3111
F1B51	F-30-002																	
F1B52	F-30-003			1340E				AA2	AA2			Aa2	**3394**	1	940	2423	30	1_953
F1B53	F-30-004				A			AA3A	AA3A			Aa3A	**34**			27	7	
F1B54	F-30-005																	
F1B55	F-30-006				B			AA3C	AA3C			Aa3C						
F1B56	F-30-007																	
F1B57	F-30-008			1340F				AA3	AA3			Aa3	**173**		2	164	7	1_1000
F1B58	F-30-009				D		20	AA3B	AA3B			Aa3B						
F31. Placenta																		
F1B60	F-31-001				A	S		AA1	AA1				**8584**	5881			2703	
F1B61	F-31-002				F													
F1B62	F-31-003			1340D				AA1A				Aa1	**19517**			19517		1_931_00
F1B64	F-31-004							AA1C										
F1B65	F-31-005							AA1D										
F1B63	F-31-006				C			AA1B										1_931_01
F32. Mammal parts; varia																		
F1B70	F-32-001				C			D279	D279			D279	**1**	1				1_2107
F1B71	F-32-002				C			F146	F146			F146	**6**	6				
F1B73	F-32-003				E			S193	S193			S193						
F1B74	F-32-004							F120	F120			F120						
F1B75	F-32-005				C			F130	F130			F130	**4**	4				
F1B76	F-32-006				B			F139	F139			F139	**14**	11		3		
F1B77	F-32-007																	
F1B78	F-32-008				B			AA52	AA52			Aa52	**12**			8	4	
F1B79	F-32-009																	

Index	Gardi	Uniker	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richn	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F1B3A								1433;2										F;654	*iwf;f*	4
F1B3B																				
F1B50	F52	F052		170;9			F;7500		832;7									F;691		9
F1B51				170;11														F;695		2
F1B52	Aa2	AA002	247;2	473;4	175;22	4;99	U;4900		881;13			672	57	30	32	12	174	F;697	*iwꜥ;isꜥ;ꜥš;ꜥḏ/ꜥnḏ;wꜥ;wḥꜣ;wḫdw;wt;b;bwt;pp;pḥw;rḏw;mwt;ḥbs;ḥs;ḥsb;ḫflyw;ḫpꜣ;ḫpw;ḫpn;ḫr;s;sin;swꜣ;sn;sty;šꜣ;šꜣw;kḥ;dꜣr;ḏdꜣ*	20
F1B53			248;1	473;5			U;4910					63	16	2	6	5	26	F;703		12
F1B54				473;6																1
F1B55			248;1	473;7												1	19	F;707	*rḏw;sty*	5
F1B56				473;8														F;709		2
F1B57	Aa3	AA003			175;23	4;101			882;1			96	5	8	1	3	44			15
F1B58													3							1
F1B60			247;1	473;1	175;21	4;97						3380	429	139	104			F;679	*ir;iḫ;niwt;ḫ;ḫꜣ;ẖ;sp*	11
F1B61				473;2														F;675	*n;ḫ;ḫr;ẖ;š;k*	2
F1B62	Aa1	AA001		473;3			V;2800		881;12							6	1595	F;677		10
F1B64																				
F1B65																				
F1B63																				1
F1B70				170;12			F;5400		823;13									F;657		6
F1B71				170;13									1	2						4
F1B73						4;95												S;293	*tm*	2
F1B74							F;3602													1
F1B75							F;3700	1433;17												3
F1B76							D;7700													3
F1B77				481;4														F;661		2
F1B78			252;3	481;5	175;39	4;95						14	6	2			18	F;659	*wrt;mwt;t;tm;tmꜣt;tmḥ;dmꜣ*	11
F1B79				481;6														S;291		2

Index	Vote	Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP
F1B3A		approximately F51, rotated 45°; however, cf. F146	?	DIFF	Some of the F51 tokens could qualify for this sign, but I doubt this many rotations are useful for Unicode. Karnak examples are in connection with W10 (see attached image, KIU 648, line 23-24) for F51G and horizontally mirrored (F146?)					
F1B53			Y							
F1B60		Ext//HG-specific shape of AA001; 45° rotation	N		Horizontal, vertical and angle lines are all attested for this sign.					
F1B70	R		Y	DIFF						I would revise the shape based on the TSL token, with two connected kidneys.
F1B71	n	what is this?; cf. F51F	N		Four PT examples, PT 379c (U), piankoff pl. 26 (4th col from righ)-27(3rd col from right) (see attached image) should be considered thighs/legs, based on P and M which use D56 as classifiers (mn.ty). Needs its own grapheme in TSL (class D56?). Other two examples are from Unas as well, PT 262a, Piankoff 11, 3rd col from left, but are even less distinct here (see attached image) for the same function (mn.ty).					
F1B75		what is this?	?	DIFF	Should be a testicle, but I consider the Pepi attestations better served by D284 instead (See PT 1463e (P), sethe column 780, long tall, not low broad). Teti example (PT 573a, sethe column 166) should have been interpretated as an F33 (classifier xbz.t, although written horizontally). Based on the variant from Unas, the Pepi II example (PT 195e) is an misinterpretation of an eye. (no longer visible in the transcription of Sethe, I have no image).					
F1B76			Y		Based on current data, this sign seem only to occur in Teti. (i.e, hapax).					
F1B78			Y		Note that in the Karnak examples the lines decend below the bottom circle.					

Index	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context
F1B3A	Y/i	TSL	N (manual)	N	N				A piece of flesh, point towards the back, curving downwards.	Logogram iwf (flesh, meat, limb).
F1B3B			N (auto)		N					
F1B50	Y/i	TSL	Y (v5.2)		Y				A pile of excrement.	Classifier excrement (Hs).
F1B51			N (auto)		N					
F1B52	Y/i	TSL	Y (v5.2)		Y				A pustule or gland, or a packet of mummy bandages.	Classifier bad/evil (nHA).
F1B53	Y/i	KIU 1280, line 45, image 133.	Y (in core)		Y				A postule or gland, with a forward, downwards dotted line of fluid issuing forth.	Classifier scent (sti).
F1B54			N (manual)	N	N					
F1B55			N (manual)	N	N					
F1B56			N (auto)		N					
F1B57	Y/i	TSL	Y (v5.2)		Y				A postule or gland, with a forward, downwards line of fluid issuing forth.	Classifier efflux, smell (Hs (i.e., excrement)).
F1B58	Y/i	Esna VII 601,09, p. 142,4	Y (in core)		Y				A postule or gland without blobs at the side, with a forward, downwards dotted line of fluid issuing	Classifier scent (sti).
F1B60	Y/i	TSL	N (manual)	N	N		F1B62		A human placenta (a circle with lines written within at an angle).	Phonemogram x.
F1B61			N (manual)	N	N		F1B62			
F1B62	Y/i	TSL	Y (v5.2)		Y				A human placenta (a circle with lines written within horizontally).	Phonemogram x.
F1B64	Y/i	Turin inv. Cat. 1586, Ägyptens Schätze entdecken, Speyer, 95, Nr. 18	Y (in core)		Y				A human placenta (a circle with multiple horizontal lines written within, which do not connect to the circle.	Phonemogram x.
F1B65	Y/i	Cairo CG 22182 (satrap stela), line 1, 7, 10; Nachtamon, TT 335 (Nachtamon), Dieux, génies et démons en Égypte ancienne, Mariemont 2016, p. 283.	Y (in core)		Y				A circle with a broad dot inside.	Phonemogram x; Classifier enemy (xfty)
F1B63	Y/i	TSL	N (manual)	N	N		F1B62		A human placenta without internal details (circle without internal details).	Phonemogram x.
F1B70	Y/i	TSL	Y (in core)		Y				A liver.	Classifier liver (mis.t).
F1B71			Y (>=D,JSeh/HG)		N					
F1B73			N (auto)		N					
F1B74			N (auto)		N					
F1B75	Y/i	Unas, PT 461,d, Piankoff, pl. 4, fourth col. from left.	Y (in core)		Y				A talon or fang.	Classifier wxA.w (talons or fangs).
F1B76	Y/i	Teti, PT 409b, sethe column 328, see image Berlin.	Y (in core)		Y				A vertebra, seen lenghtwise.	Classifier spine (bqs.w).
F1B77			N (manual)	N	N					
F1B78	Y/i	KIU 4166, line 1, after the empty section in the middle.	Y (in core)		Y				Some type of mat or bag, or woven material, representing a oval with two vertical lines coming from the top, which curve downwards.	Phonemogram tmA
F1B79			N (manual)	N	N					

Index	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F1B3A	Rotation/mirroring of F51/F51B should suffice.				
F1B3B	No sources given.				
F1B51	No source given, and most likely a meaningless variant of F1B50 (F52).				
F1B54	No source given, practically a mirrored form of F1B53 (Aa3A).				
F1B55	Not a meaningful variant of F1B57 (Aa3).				
F1B56	No source given.				
F1B58	Verified by Peter Dils.				
F1B60	F1B62 (Jsesh Aa1, U+1340D) suffices for Unicode, if needed, this rotation can be brought in through variation selector.				
F1B61	Duplicate of F1B60 (HG Aa1) or F1B62 (Jsesh A1).				
F1B64	Found and verified by Peter Dils. Can occur at an angle as well.				
F1B65	Found and verified by Peter Dils. Make sure the internal circle is larger than it occurs in N5 (second circle on the left of the coloured image is N5).				
F1B63	TSL representation of a bare circle with the functionality of Aa1, should not be added to Unicode (as there are already multiple empty circles (D12, N33 etc.)		placenta without detail		
F1B70	**Redrawn in place**. (Redraw based on TSL token. (i.e, upwards connecting line between the two halves).)		liver, redrawn in place		
F1B71	Different signs in PT (see F19B4). Esna token (transcription only) is flipped upside down, so looks like F51F.				
F1B73	WB V,302,5, which has 775 slips in the TLA, but does not show this specific form for this sign (rather F1B7A (Aa53) at best.).		Body part		
F1B74	H&S token (WB I,188,3) only provided a source for the nail form of an.t, not this sign (Beni Hasan II, pl. IV, register directly above the large standing figure, above the figure working on the toenails of a seated figure).				
F1B75	Seems to be an hapax for the PT of Unas.		toenail?		
F1B76	Not to be mistaken for F342C (Q7E)				
F1B77	Duplicate of F1B78 (Aa52).				
F1B78	Rather difficult to describe what this is, as it has some functional overlap with Aa6, of which it seems to be a variant.				
F1B79	Duplicate of F1B7A (Aa53).				

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
F187A	F-32-010				B			AA53	AA53			Aa53	1			1					252;4	481;7	175;39	4;95						20	2	8	4			5;287	10
G.VIII. Birds																																				
G01. Ostrich (Autruche)																																				
F1890	G-01-001			13166				G34	G34			G34	4	2		2		1_3541	G34	G034		171;1	163;29	5;102			835;10								6;849	10
F1891	G-01-002				E			G34A	G34A			G34A	2			2						171;2													6;851	3
F1892	G-01-003				C			G22B	G22B			G22B	6	6								171;3													6;853	3
G02. Buzzard (Buse)																																				
F18A0	G-02-001																					171;4													6;437	2
F18A1	G-02-002				E			G4B													118;6	171;5		5;54											6;443	4
F18A2	G-02-003			13142				G4	G4			G4	**1391**	134	452	770	35	1_3551	G4	G004				5;54			833;6				1		1	2		12
F18A3	G-02-004				A			G4A	G4A			G4A	**205**	2	28	172	3				103;3	171;6	163;8	5;54			833;7		G004	15		1		3	4	6;441	15
F18A4	G-02-005				F																	171;7													6;439	2
F18A5	G-02-006				E			G4C													118;7	171;8													6;445	3
G03. Quail; chick (Caille)																																				
F18B0	G-03-001			13171				G43	G43			G43	**36619**	13000	2615	18609	2395	1_3566	G43	G043	111;1	171;9	164;5	5;60			836;5			922	143	15	18	46	290	6;469	19
F18B1	G-03-002				E			G43A	G43A			G43A	2			2																				1
F18B2	G-03-003			13173				G44	G44			G44	21			13	8	1_3568	G44	G044		171;11					836;6			1	1			3	1	6;471	12
F18B3	G-03-004				F			G239	G239			G239										171;12													6;473	2
F18B4	G-03-005			13174				G45	G45			G45	49			4	45	1_3569	G45	G045		172;1					836;7			1	2				2	D;635	11
F18B5	G-03-006							G261	G261			G261																									
F18B6	G-03-007			13175				G247	G247			G247	2				2			G45*	G045A	172;13													D;757	5
F18B7	G-03-008				B			G248	G248			G248	21			1	20					172;15							G8007							D;813	5
F18B8	G-03-009				D			G240	G240			G240	2			1	1					172;3									1					G;474	5
F18B9	G-03-010				B			G241	G241			G241	8			1	7					172;4	164;6	2;83						1	1		2	1	D;989	10
F18CA	G-03-011				F			E5100		E5100																					1					1
F18BA	G-03-012					S																172;6													D;991	2
F18BB	G-03-013				D			G242	G242			G242										172;8		2;38c						1					D;231	4
F18BC	G-03-014				D			G243	G243			G243										172;9													G;477	2
F18BD	G-03-015				F			G244	G244			G244										172;10												1	G;483	3
F18BE	G-03-016				E			G245	G245			G245	1				1					172;11													D;889	3
F18BF	G-03-017				B			G246	G246			G246	4			3	1	1_3438				172;12								1			5	13	D;887	8
F18C0	G-03-018			13172		S		G43B		G43B									G43*	G043A		172;16													G;485	4
F18C1	G-03-019					S																173;1														1
F18C2	G-03-020					S																173;2													G;487	2
F18C3	G-03-021					S																173;4													G;489	2
F18C4	G-03-022					S																173;6													G;491	2
F18C5	G-03-023				F			G249	G249			G249										173;7													G;361	2
F18C6	G-03-024				F	S		N84	N84			N84										273;9													G;475	2
F18C7	G-03-025			13176		S		G46	G46			G46	48			7	41	1_3570	G46	G046		388;10					836;8									G;479	8
F18C8	G-03-026					S																388;11													G;481	2

Index	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F187A											Dendera Porte d'Hathor, 2,10, p. 70 (drand).	Y (in core)		Y				A loop in which the lines do not overlap, with conical end-pieces.	Phonogram tm.	Might be some type of mat, bag or woven material.				
G.VIII. Birds																								
G01. Ostrich (Autruche)																								
F1890										Y	TSL	Y (v5.2)		Y				An ostrich (Struthio camelus), with both wings upwards.	Classifier ostrich (niw).					
F1891										Y	Berlin 2070, Löhr, (SAK 2), p. 172-173, pl. VI,1, right hand figure.	Y (in core)		Y				An ostrich (Struthio camelus), with one wing downwards and one wing upwards.	Logogram niw (ostrich).					
F1892	check shape	Y	DIFF	The 11 attestations (unas) have been encoded under G33, the Unas tokens have certainly not a rippled line, so they should not be under G22B.								Y (n=0,JSeh/HG)		N						Valeurs only links to another bird as well.				
G02. Buzzard (Buse)																								
F18A0												N (manual)	N	N						Practically a duplicate of F18AJ (G4).				
F18A1												N (manual)	N	N		F1F08				sign should be represented by F1F08 (G210), this new sign should not be included.				
F18A2										Y	TSL	Y (v5.2)		Y				A long-legged buzzard (Buteo rufinus).	Phonogram tyw.	none that I would prefer the Jaeh sign here over the Hieroglyphica sign.				
F18A3	feather indicative in cursive script	Y/BRE AST FEATH ER		I am quite certain this sign exists, even though I cannot currently locate a good example (Karnak examples seem all to not have it, or I currently cannot access a sufficient quality image. PT seems not to have it (cannot see it on my image, Sethe does not have the lappet).						Y	Kom Ombo II, p. 218, pl. 54 (p. 451), col. 6	Y (in core)		Y				A long-legged buzzard (Buteo rufinus), with a lappet.		Note that I would prefer the Jaeh sign here over the Hieroglyphica sign. I currently have no acces to the publication, so I have no idea what the function was here.				
F18A4												N (manual)	N	N						Practically a duplicate of F18A3 (G44).				
F18A5												N (manual)	N	N						sign should be represented by F1F09 (G210A), this new sign should not be included.				
G03. Quail; chick (Caille)																								
F18B0										Y	TSL	Y (v5.2)		Y				A quail chick (Coturnix coturnix).	Phonemogram w.					
F18B1		Y/BRE AST FEATH ER	DIFF	A bit problematic, Biography Khnoumhotep II (ACEr 36, col 176 and 181). Based on the function (nfr of nfrH), I would prefer to read G21B here, however, I have to agree that the tail is a lot more G43 like here.								N (auto)		N						A bit problematic, Biography Khnoumhotep II (ACEr 36, col 176 and 181). Based on the function (nfr of nfrH), I would prefer to read G21B here, however, I have to agree that the tail is a lot more G43 like here.		redrawn as F1FDA		Redraw in new row.
F18B2										Y	TSL	Y (v5.2)		Y				Two quail chicks (Coturnix coturnix), overlapping each other.	Phonogram ww.					
F18B3												N (auto)		N						Valeurs source JSesh 22, 192) seems simply 3 G43 signs in sequence, no proof of overlapping.				
F18B4										Y	TSL	N (manual)	N	N				A forearm, with the palm of the hand facing upwards (D36), written over a quail chick (G43).	Phonogram wa.	Should now be done through overlay.				
F18B5												N (manual)	N	N						Overlay. No sources given.	var G45			
F18B6										Y	KIU 220, line 4.	N (manual)	N	N				A forearm with the hand holding a conical loaf of bread (D37), written over a quail chick	Phonogram diw.	Overlay.				
F18B7									overlay	Y	KIU 986, line 1.	N (manual)	N	N				A forearm with the hand holding a stick (D40), written over a quail chick (G43).	Phonogram w and classifier force, effort (mst.w)	Overlay.				
F18B8		N		Karnak example is too damaged, I could not locate the TLA example.						Y	Esna VI 593,06, p. 137,2	N (manual)	N	N				A horned desert viper (Cerastes cerastes) (I9), written over a quail chick (G43).	Phonogram wf.	Overlay. Verified by Peter Dils.				
F18B9		N							overlay	Y	KIU 4208, line 1, near the end.	N (manual)	N	N				A phallus with a scrotum (D52), written over a quail chick (G43).	Phonogram w and classifier begetting (wt?).	Overlay.				
F18CA												N (manual)	N	N						Lowray, Esna VII, 587,7, p. 108,6) is a D53 variant over G43, Verified by Peter Dils, seems to be D53, not this unique form.				
F18BA												N (manual)	N	N						Overlay and corner insertions. No sources given.				
F18BB										Y	Esna VII 565,13, p. 562.	N (manual)	N	N				A mouth (D21), written over a quail chick (G43).	Phonogram rw.	Overlay. Verified by Peter Dils.				
F18BC												N (manual)	N	N						token (Edfu I, p. 565,5) could not be verified with an image, and uses N37 in the transcription.				
F18BD												N (manual)	N	N						Overlay.				
F18BE				Unsure: KIU 4208, it looks more like a M3 overlay to me								N (manual)	N	N						line 1 looks more like a M3 overlay to me, and Valeurs token (Edfu II, p. 51,11) could not be verified with an image, but looks more like F18BF (G246) to me.				
F18BF		N								Y	TSL	N (manual)	N	N				A human hand (D46), written over a quail chick (G43).	Phonogram wd.	Overlay.				
F18C0				Should not have been an atomic sign.						Y	TSL (G43, token TSL_3_14598).	N (manual)	N	N				A nan rounu use or bread (X1), written in front of a quail chick (G43).	Phonogram tw.	Now done through insertion. No longer needed.				
F18C1												N (manual)	N	N						Corner insertions.				
F18C2												N (manual)	N	N						Corner insertions.				
F18C3												N (manual)	N	N						Corner insertions.				
F18C4												N (manual)	N	N						Corner insertions.				
F18C5												N (auto)		N						Valeurs token (Philae II, p. 8, 9,14) is not really a qualchick in my opinion (beside having the function nTr according to this publication).		Valphon may relate to falcon		
F18C6												N (manual)	N	N						Overlay.				
F18C7										Y	TSL	N (manual)	N	N				A quail chick (G43), written over a sickle (U1).	Phonogram mAw.	Pre-canna characters encoding artifact, should now be performed through overlay.				
F18C8												N (manual)	N	N						Overlay and corner insertions. No sources given.				

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
F18C9	G-03-027							G262	G262			G262																									
G04. Duck (Canard Pilet)																																					
F18D0	G-04-001			1316D				G39	G39			G39	**8372**	695	2596	3128	1953	1_3547	G39	G039	109;4	173;8	163;35			835;15			207	43	33	25	138	133	G,683	18
F18E1	G-04-002				B			G68	G68			G68	**17**			16	1				112;7	173;1	163;39	5;76		1434;12	837;2		9					2	G,705	11
F18E2	G-04-003					S																173;11													G,737	2
F18E3	G-04-004				F	S																173;12													G,735	2
F18E4	G-04-005					S																173;13													G,727	2
F18E5	G-04-006					S																173;15													G,729	2
F18E6	G-04-007					S																174;1													G,731	2
F18E7	G-04-008							G69	G69			G69										174;2													G,719	2
F18E8	G-04-009				F			G70	G70			G70	**1**			1						174;3													G,733	3
F18E9	G-04-010				C			G68A	G68A			G68A										174;4	163;40							3					G,765	4
F18EA	G-04-011			1317A				G50	G50			G50	**28**	1	9	18		1_3583	G50	G050			163;36			836;12			1	2						10
F18EB	G-04-012				A			G39A	G39A			G39A	**2**			2							163;38						151		3	3		2		6
F18EC	G-04-013				C			G39B		G39B										G039B									5							2
F18ED	G-04-014				C			G276	G276			G276									121;1									3							2
F18F5	G-04-015							G276A																													
F18EE	G-04-016				E			G303	G303			G303											163;42													G,713	2
F18EF	G-04-017							G71	G71			G71																									
F18F0	G-04-018							G301	G301			G301																									
F18F1	G-04-019				F			G302	G302			G302																								G,709	1
F18F2	G-04-020				F			G304	G304			G304																								G,715	1
F18F3	G-04-021							G311	G311			G311																									
F18F4	G-04-022				F			E5063		E5063										G330										1						2
G05. Duck; flying (Canard)																																					
F1C00	G-05-001			1316E				G40	G40			G40	**2516**	213	302	1385	616	1_3552	G40	G040	110;1	174;5	163;46	5;92		G,4300	836;1		103	11		3	49	G,739	18
F1C01	G-05-002				F			G40A	G40A			G40A										174;7													G,761	1
F1C02	G-05-003				F																															G,741	2
F1C03	G-05-004				B			G305	G305			G305									121;3	174;8							57	2	1	1	5	G,743	8
F1C04	G-05-005				E			G72	G72			G72										174;9	163;40	5;77											G,627	4
F1C05	G-05-006							G72A	G72A			G72A																									
F1C06	G-05-007				F																	174;10													G,763	2
F1C07	G-05-008				F																	174;11													G,747	2

Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
Vots								
	Y							

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Siz | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vols | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unlker | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vols | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caur	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhon	VP Val	Weight
																																					im;limy;ỉ;m;w;ww;r;b	
F1C60	G-09-001			13153				G17	G17			G17	**91749**	12008	37454	40105	2182	1_3310	G17	G017	105;3	176;3	163;9	5;55	G;1700		834;7			462	101	10	26	96	279	G;447		20
F1C61	G-09-002				C			G17C	G17C			G17C										176;12								5			1			G;449		4
																																				ỉb;mɑt	
F1C62	G-09-003				B			G17D	G17D			G17D	**7**			7					106;1	177;1	163;13	5;57						71		1	3			G;455		9
F1C63	G-09-004							G17E														176;14														G;453		2
																																				mɑh;ḥwḥ	
F1C64	G-09-005				F			G96B	G96B			G96B										178;12		5;59												H;33		3
																																				m;wm	
F1C65	G-09-006			13154				G18	G18			G18	**70**	3	5	50	12	1_3329	G18	G018	106;2	176;1	163;10	5;56			834;8			10	12	3	1	19	42	G;451		19
F1C66	G-09-007							G281	G281			G281																										
																																				ỉmɾ;ᵉm;wm;mᵉ;mɾ;mɾ	
F1C67	G-09-008			13156				G20	G20			G20	**743**		9	634	100	1_3366	G20	G020	106;3	177;2		2;57	G;1800		834;10			297	43	21	16	15	152	D;627		18
																																				m;m-ᵉm	
F1C68	G-09-009				B			G86	G86			G86	**5**			3	2					177;4		2;57a						3	2		3	1	D;629		9
F1C69	G-09-010				C			G87	G87			G87	**8**			4	4					177;5													D;809		4
F1C6A	G-09-011							G88	G88			G88										177;6													G;457		2
F1C6B	G-09-012				C			G89	G89			G89	**4**			4						177;7								1					D;587		4
F1C6C	G-09-013			13157				G90	G90			G90	**1**			1			G20ᵃ	G020A		177;8						G020A							D;227		6
F1C6D	G-09-014				C			G91	G91			G91										177;9								4					F;597		3
F1C6E	G-09-015				D			G92	G92			G92	**1**			1						177;11									1			1	G;461		5
F1C6F	G-09-016				F			G93	G93			G93										177;12													F;111		2
																																				m-ḥtɾ	
F1C70	G-09-017				F	S																177;13													F;119		2
																																				ḥwḥ	
F1C71	G-09-018				C			G94	G94			G94										177;14			G;1850					1	2			2	G;467		6
F1C72	G-09-019				F			G94A		G94A																				1							1
F1C73	G-09-020							G95	G95			G95										177;15													D;885		2
																																				mɑh;ỉdm	
F1C74	G-09-021				C			G96	G96			G96	**2**	2								177;1	163;12	5;58												G;463		5
F1C75	G-09-022				C			G97	G97			G97						1_3659				178;1													G;465		3
																																				mɾ	
F1C76	G-09-023			13155				G19	G19			G19	**7**			3	4		G19	G019		178;2			G;1801		834;9								D;753		8
F1C77	G-09-024				D			G98	G98			G98	**2**			2						178;3			G;1802										G;755		4
F1C78	G-09-025			13182				M3I			M3I	M3A	**1**			1			M3ᵃ	M003A																	3
F1C79	G-09-026							U60	U60			U60										393;12													G;459		2
F1C7A	G-09-027							G268	G268			G268																										
F1C7B	G-09-028							G313	G313			G313																										
F1C7C	G-09-029																					178;4													H;27		2
																																				w;ɯ;ɯw;ɛ;ɯɾ;ɯ	
F1C7D	G-09-030				A			G17A	G17A			G17A	**343**			337	6				105;4	178;5	163;11	5;57					G017	5	19	6	2	3	54	H;29		14
F1C7E	G-09-031				B			G17B	G17B			G17B												5;57						4			1	9	1			5
																																				ḥr	
F1C7F	G-09-032				F																	178;6													G;431		2
																																				ỉb;w;ɯ;mɑt;ɯ	
F1C80	G-09-033				F			G17F														178;7													H;31		2
																																				ɯ	
F1C81	G-09-034				F			G20B	G20B			G20B										178;8													D;633		2

Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
	Y							
	N							

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Welsh
																																					ur	
F1CB2	G-09-035				D			G90A	G90A			G90A	1			1						178;9	2;38a													D;229	*m*	4
F1CB3	G-09-036				C			G20A	G20A			G20A	2			2						178;10	2;57b						2					1	D;631		6
F1CB4	G-09-037							G87A	G87A			G87A										178;11													D;811		2
F1CB5	G-09-038							G96A	G96A			G96A												5;58														1
G09. Cormorant (cormoran)																																			*ḫ,qH*	
F1C90	G-10-001			13167				G35	G35			G35	**1012**	26	481	454	51	1_3543	G35	G035	109;1	178;1	163;31	5;98			835;11			9	1	4	1	3	13	G;811		19
F1C91	G-10-002							G35A																													
																																			ḫ,ḥ	
F1C92	G-10-003				E			G307	G307			G307																							G;813		2
																																			ḫ	
F1C93	G-10-004				F	S																178;15													G;815		2
F1C94	G-10-005					S																179;1															1
																																			ḫ	
F1C95	G-10-006				F	S																179;2													G;817		2
G10. Wader: Bis; Flamingo; Jabiru; Heron; Egret (echassier)																																			*dšr*	
F1CA0	G-11-001			1315F				G27	G27			G27	**124**	42	2	47	33	1_3473	G27	G027	107;2	179;4	163;28	5;78			835;2			3					3	G;629		15
F1CA1	G-11-002				B			G28A	G28A			G28A																									
F1CA2	G-11-003																					179;6													G;581	*kmt;gm*	2
																																			bnu	
F1CA3	G-11-004				B		22	G166	G166			G166	**6**	4		2					116;3	179;7	163;28	5;67a						9						G;633	*g;gm*	8
F1CA4	G-11-005				C		20	G300	G300			G300	**5**			4	1					179;8	163;27				838;1			1			1			G;585		8
F1CA5	G-11-006				F			DE218		DE218																				1							1
F1CA6	G-11-007							G300A																												*rḫ;ḫm;;gm;tbː;ḫbs;dbː*	
F1CA7	G-11-008			13160				G28	G28			G28	**1526**	114	695	674	43	1_3487	G28	G028	107;3	179;1	163;27	5;67a			835;3			8		1	2	3	12	G;583	*tb;ḥk*	18
F1CA8	G-11-009				A			G29A	G29A			G29A	**113**			101	12	1_3500_01			120;5	179;15								2		6		7	G;645		9
F1CA9	G-11-010				B			G255	G255			G255	**6**	6																2				2			3
F1CAA	G-11-011			13161				G29	G29			G29	**4234**	519	1913	1707	95	1_3500_00	G29	G029	107;5	179;1	163;14	5;68			835;5			19	3	3	1		13	G;589	*b;bː;by;ḥk;p;pr*	18
F1CAB	G-11-012				D			G29D												G029D										1							1
F1CAB	G-11-013				F			G253	G253			G253																		1						*tb;gHwty*	1
F1CAC	G-11-014				C			G29B	G29B			G29B	**1**			1														3		1			G;523		4
F1CAD	G-11-015				C			G29C		G29C										G029C										7							2
F1CAE	G-11-016																					179;13													G;623		2

Comment DW	Vote DW Core (2021)	DW differentiy	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiy	Comment SP
	N							
	N		I could not locate the TLA examples.					

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unlker | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
																																				b:inc;hb:;bm	
F1CC7	G-11-043			13178				G51	G51			G51	35		6	29		1_3584	G51	G051		181;2	163;18	5;80			836;13									G;651	10
																																			b:mc;dbr	
F1D16	G-11-044				B			G51B					3			3						107;4	179;5				835;4			15			2			G;631	7
																																			b:mc;dbr	
F1CC8	G-11-045				B			G213	G213			G213	2			2		1_3388				119;2	181;3	163;16	5;79		1435;8			10					1	G;635	10
																																			b:ms	
F1CC9	G-11-046				F			G213A	G213A			G213i																								G;639	1
																																			i:pd	
F1CCA	G-11-047				C			G213B	G213B			G213l						1_3390				181;4	163;17													G;641	4
																																			b:;b1;bmsc;lj;dsw;r1	
F1CC8	G-11-048				F																	181;5														G;604	2
																																			b:;wjr	
F1CCC	G-11-049				F																	181;6														G;599	2
																																			i:b;w;;b;;;hb;;b;dsw	
F1CCD	G-11-050			13163				G31	G31			G31	68	9	1	55	3	1_3528	G31	G031	108;2	181;7	163;19	5;71			835;7			30	5	17	8		50	G;601	18
																																			b:;b1	
F1CCE	G-11-051				B			G31A	G31A			G31A	1	1								108;3	181;13				1434;7			2	2	1	3		16	G;649	10
																																			b:mt	
F1CCF	G-11-052				B	18		G211	G211			G211	2			2							180;13		5;70						9	4	1		9	G;657	8
																																			b:;b1	
F1CD0	G-11-053				B	18		G211A	G211A			G211i																			4				6	G;659	3
																																			ib:;hjb;b;;bmw;;nb;;wjr;;jj;;l1	
F1CD1	G-11-054				A			G25A	G25A			G25A	29			29					106;7	181;9	163;22	5;63					G025	89				2	3	G;603	10
F1CD2	G-11-055				D			DE162		DE162										G031J										3							2
F1CD3	G-11-056				D			G31F		G31F										G031F										3							2
F1CD4	G-11-057							DE207		DE207																												
F1CD5	G-11-058				C			G31E	G31E			G31E										108;6								9							2
F1CD6	G-11-059							G214	G214			G214											181;12														G;607	2
																																			b:[];wjr	
F1CD7	G-11-060				B			G215	G215			G215	18	1		17						119;3	181;16		5;73					9	9	1		5	13	G;609	11
F1CD8	G-11-061			13164				G32	G32			G32	101	2	27	67	5	1_3538	G32	G032			163;21	5;74						1	1				5			12
																																			mjr	
F1CD9	G-11-062				B			G217A	G217A			G217i										119;4	182;5		5;75			835;8		52						G;617	6
																																			b:[];wjr;r1l	
F1CDA	G-11-063				B			G216	G216			G216	10	10								182;1		5;74						1					1	G;619	6
F1D15	G-11-064				F			H028D2																													1
																																			b:[];wjr	
F1CD8	G-11-065				B			G216B	G216B			G216l	14			14						119;3	182;2	163;21	5;74					1	12	4		2	10	G;611	11
F1CDC	G-11-066				B			G216A	G216A			G216i	1			1														14	4		2	1	2		6

Comment DW	Vote DW Core (2021)	DW differentiality	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiality	Comment SP
	?	DIFF	TLA example (khnoumhotep II, col 162) looks like a normal G28 to me. Note that the Jsesh form does not reflect how the sign actually looks (see TSL tokens)					
	Y							
TSL token different: not picking foot	N	DIFF	The beak is beyond the leg, but I think that when this was encoded, the key features were the 'raised' leg and the downwards head, not the exact position of the head and the leg towards each other (as the bird is not picking, as it is dead bird offering), nevertheless, I have no objection to leaving it out for the moment.					
	Y/SMSAST FEATHER		I cannot verify it (PT 2042d (N)) with an image, but there is no lappet in Sethe. Maybe, P. Boulaq 4, 16,7, the three birds do have a double line at the head.					
	Y							
			However, it could be argued that the N25 and N37 are actually part of this sign, as if an adaptation of G216B. (see attached image). In Edfu there are examples of this sign above N37 only, which should probably become its own sign in TSL, although I do not know if it is valuable for Unicode.					
	Y							
	Y	DIFF	In the PT examples, the bird is not sitting on a Hb, but rather R9L, for example, see PT 287b (U), Pienkoff pl. 15, column left of the entrance. (bird is a bit different here, but in the other PT examples the perch is this form, i.e., F1CD8 (G32)).					
	Y		Note that the TSL needs to use the Hieroglyphica form, not the Jsesh form.					
			I have no idea where the TLA token is attested.					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
								A canoe egret (Bubulcus ibis), pecking and standing upon a fish with a long broad fin on its back, and two small	Classifier catchin fish (HAm).		
										Split the sign, with the newer form becoming its own row, and restoring G28A, but with N/N. After which, move the new row (which includes all the data (source, description, function etc.) below F1CC7 (G51).	
Y/i	Dendera Porte d'Horus, p. 26,2; p. 111.	Y (in core)		Y				A bird, standing, its neck making a loop, head looking down.	Phonemogram gm.		
								A cattle egret (Bubulcus ibis), with a bent neck, with the head facing towards the body.	Classifier bird offering (nfer).		
Y/i	TSL	Y (in core)		Y							
Y/i	Hornung, Seti I, pl. 49, p. 113, top, 3rd column right of the damage.	Y (in core)		Y				A cattle egret (Bubulcus ibis), with a bent neck, with the head facing towards the body, with a line over its neck (mutilation).	destroy, to destroy (Htm, in this case specifically in Htm.yt, phrase of execution).		
								A cattle egret (Bubulcus ibis), with a bent neck, with the head facing towards the body, and legs drawn towards the body.	Logogram Apd (bird, fowl).		
Y/i	TSL	Y (in core)		Y							
		N (manual)	N	N						Practically a duplicate of F1CC9 (G31.	
		N (manual)	N	N						duplicate of F1CC9 (G31B).	
Y/i	TSL	Y (vS.2)		Y				A gray heron (Ardea cinerea).	Classifier heron (bnw).		
Y/i	Dendera Porte d'Horus, p. 48,14, p. 135, bandeau.	Y (in core)		Y				A gray heron (Ardea cinerea) with a lappet.	Phonemogram b.	F1CD0 (G31) with lappet.	
Y/i	Esna VII 619,34, p. 192,13	Y (in core)		Y				Three gray herons (Ardea cinerea), overlapping each other.	Logogram bA.w (might, power).	Function is a guess.	
Y/i	Esna VII 619,46, p. 194,1	Y (in core)		Y				Three gray herons (Ardea cinerea), overlapping each other.	Logogram bA.w/phonemogram (in Ha-)-bA.w (room in the Esna temple)).	Token technically occurs inside an Hwt enclosure.	
Y/i	Edfu VII, 84,4-5, Bartels photo (wall) 253 (krand).	Y (in core)		Y				A crested ibis (Ibis comata), with a crest of two long feathers on the	Phonemogram Ax.		
								A gray heron (Ardea cinerea) (G31), on top of a standard used for the carrying of religious symbols with the vertical stick at the far side (R92A).			
Y/i	Dendera XV, p. 370,8	Y (in core)		Y					Logogram nTr (god).	Verified by Peter Dils.	
Y/i	Dendera Porte d'Isis, p. 38,9, pl. 46.	Y (in core)		Y				A gray heron (Ardea cinerea) (G31), with a flagellum (S45) on its back.	Logogram nTr (god).		dup DE207
		N (manual)	N	N						Practically a duplicate of F1CD0 (HGx G31F).	dup G31F
								A gray heron (Ardea cinerea) (G31), with a flagellum (S45) on its back; on top of a standard used for the carrying of religious symbols with the vertical stick at the far side (R92A).			
Y/i	Dendera X, p. 313,11, pl. 209, left image.	Y (in core)		Y					Logogram nTr (god).		
		N (auto)		N						No sources given.	
Y/i	Dendera Porte d'Hathor, p. 1,18, p. 70 (krand).	Y (in core)		Y				A gray heron (Ardea cinerea), legs drawn towards the body.	Logogram baH (to innundate).		
Y/i	TSL	Y (vS.2)		Y				A gray heron (Ardea cinerea), legs drawn towards the body, seated on a pole, held upright through ropes (R91).	Logogram baH (to innundate).		
								A gray heron (Ardea cinerea), legs drawn towards the body, with a flagellum (S45) on its back; on top of a standard used for the carrying of religious symbols with the vertical stick at the far side (R92A).			
Y/i	Dendera XV, p. 215,5, BIFAO 90, p. 87, pl. III	Y (in core)		Y					Logogram bA (soul).	Function based on Cassirer, commentaire, p. 264-265.	
										All suggested tokens (including values, JH-D and Kurth) are better represented by F1CD8 (G32).	
		Y (=D_JSeh/HG)		N						Token (Ardea cinerea), Porte d'Horus, p. 28,7, p. 114) is the same misinterpretion which occurs with other G32 variants, and this sign is partially an	
		N (auto)		N							Horus 28,7
								A gray heron (Ardea cinerea), legs drawn towards the body (G215), with the claws on top of the hill country over the edge of the cultivated areas (N25).			
Y/i	Edfu VIII, 69,11, Bartels photo 0083.	Y (in core)		Y					Logogram baH (to innundate).		
								A gray heron (Ardea cinerea), legs drawn towards the body (G215), with the claws on top of a sand covered mountain over the edge of the cultivated areas (N26).	Logogram baH (to innundate).	Verified by Peter Dils. JH-D tokens could not be verified with an image (in Dendera X and Porte d'Isis the images were too small).	
Y/i	Esna VII 566,07, p. 52,3	Y (in core)		Y							

Comment MS	Change (Berlin)	Changes (post 19-02-2023)
cattle egret pecking on fish		
related to F1CA1		Split and move

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F3CDD	G-11-067							DE201		DE301										G216D																		1
F3CDE	G-11-068				F			G216C														119;3	182;3												G;613		3
F3CDF	G-11-069				B			G217	G217			G217	3			3						119;4	182;4	163;20						15			1		G;615		7
F3CED	G-11-070							G218	G218			G218																									
F3CE1	G-11-071							G31C	G31C			G31C											181;10		5;71											G;605		3
F3CE2	G-11-072				F																		180;12												G;661		2
F3CE3	G-11-073				F			G217B	G217B			G217I																		1							1
F3CE4	G-11-074				D			G31D	G31D			G31D										108;4	181;15		5;72					1					G;647		5
F3CE5	G-11-075							G31I																													
F3CE6	G-11-076				B			G31B	G31B			G31B	5	3		2							181;11		5;71		1434;8			4				7			7
F3CE7	G-11-077				B			G321		G321													182;7							11					G;625		2
F3CE8	G-11-078							G31G																													
F3CE9	G-11-079							G31H																													
F3CEA	G-11-080				F																		182;7												G;625		2
F3CEB	G-11-081			1315C				G25	G25			G25	3001	1426	236	1185	154	1_3444	G25	G025	106;7	182;8	163;22	5;63		834;15			3	3	1		15	G;509		17
F3CEC	G-11-082				C			G190	G190			G190						1_3348					182;10				837;12										4
F3CED	G-11-083				F			G26D															182;12												G;513		2
F3CEE	G-11-084				F																		183;9												G;533		2
F3CEF	G-11-085			1315E				G26A	G26A			G26A	82	11	1	64	6	1_3469	G26*	G026A	106;9	182;1	163;24	5;64		835;1			61	6	5	2	1	18	G;515		19
F3CF0	G-11-086																						182;14												G;517		2
F3CF1	G-11-087				C			G26C	G26C			G26C											107;1							6					G;547		3
F3CF2	G-11-088							G26E												G026E			182;15												G;529		3
F3CF3	G-11-089			1315D				G26	G26			G26	896	26	436	255	189	1_3456	G26	G026	106;8	182;1	163;23	5;67		834;16			10				6	G;527		15
F3CF4	G-11-090																						183;1														1
F3CF5	G-11-091				A	S		G26B	G26B			G26B	205		6	195	4						183;2						G029J	1					G;553		8

Vols	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
N	?	DIFF		G31 with only one head feather, instead of 2. Tokens already exist of this form in TSL, although not yet as a class. Meaningless addition for Unicode in my opininon.					
				If we consider F105 a monograph, not a insertion, this should not be either, as the loop is attached to the claw, not floating above it. However, I could live with insertion if we apply this to all combined signs which touch.					
	N?	DIFF							
N	?	DIFF		Should be insertion, the addition of the X1 and Z4 are habitual with Thot.					insertion

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
								A gray heron (Ardea cinerea), legs drawn towards the body (G215), with a flagellum (S45) on its back; with the claws on top of a sand covered mountain over the edge of the cultivated areas						
Y/I	Dendera XIV, p. 112,7, Commentaire pl. XLIII.	Y (in core)		Y					Logogram baIt (Immundation).					
		N (manual)	N	N						Caucelle token (Dendera III, p. 5,10) could not be verified with an image.				
								A gray heron (Ardea cinerea), legs drawn towards the body (G215), on top of a standard used for the carrying of religious symbols with the vertical stick at the far side (R92A).						
Y/I	Dendera X, p. 372,14, pl. 234, col 228.	Y (in core)		Y					Logogram nTr (god).					
		N (auto)		N						No sources given.				
		N (auto)		N						xxrrrr groupes as G31/G33 variants together, none of which are actually this sign. (Habitually G31 or G321).				
		N (auto)		N						Neither Valeurs token (Edfu IV, p. 5,6; 5,9; Daumas Mammisis Dendera p, 90,5) could be verified with an image.				
		N (auto)		N						JH-D token (Dendera X, p. 372,14, pl. 234, col. 228) has two feathers that arc up slightly, not one, i.e., it is rather similar to F3CDF (G217) here.		var G217		
								A gray heron (Ardea cinerea) with a single straight feather on its head and a lasoet.						
Y/I	Dendera IV, p. 128,8, pl. CCLXXXII.	Y (in core)		Y					Phonemogram b					
		N (manual)	N	N						Duplicate of F1CE4 (G31D).				
								A gray heron (Ardea cinerea) with a single feather on its head and a lappet.						
Y/I	TSL	Y (in core)		Y					Classifier heron (bnw).	Minor variation from G31. Not meaningful.			Yes	
										Verified by Peter Dils. (Functionally G25A, but with a different beak). JH-D tokens cannot be verified with an image Dendera XIII-XIV, or my image was too poor/not really this sign (Dendera XV, p. 69,13, commentaire pl. XXIX; 126,9, pl. LIV; p. 129,4, pl. LVI (I see nothing on the head, (function IA)); p. 166,14, pl. LXXI; p. 169,11, pl. LXXIII; p. 176,4, pl. LXXXIII).				
								A gray heron (Ardea cinerea) with two feather on its head.						
Y/I	Dendera XIV, p. 174,4.	Y (in core)		Y					Phonemogram tA.	Duplicate of F1CE7 (G321).			Yes	
		N (manual)	N	N						Duplicate of F1CE7 (G321).				
		N (manual)	N	N						n, p. 210, 217, 245) is based on G41, not this sign. Other tokens are F18E1 (G68).				
		N (manual)	N	N										
								A crested ibis (Ibis comata).	Phonemogram Ax.			crested ibis		
Y/I	TSL	Y (v5.2)		Y										
								A crested ibis (Ibis comata), with a spiral, winding counter-clockwise away from its central point, ending at the right lower corner after about 1,5 turns (Z7						
Y/I	TSL	Y (in core)		Y					Phonemogram Axw.					
		N (manual)	N	N						Practicany a duplicate of F1CEF (G26A).				
		N (manual)	N	N						Duplicate of F1CFA (G191).				
								An African sacred ibis (Threskiomis aethiopicus).	Classifier ibis (hb).					
Y/I	TSL	Y (v5.2)		Y								ibis		
		N (manual)	N	N						Duplicate of F1CEF (G26A).				
								An African sacred ibis (Threskiomis aethiopicus) (G26A), with a flagellum (S45) on its shoulder, on top of a standard used for the carrying of religious symbols with the vertical stick at the far side (R92A).						
Y/I	Dendera X, p. 111,11, pl. 209 (left image).	Y (in core)		Y					Logogram nTr (god).					
								An African sacred ibis (Threskiomis aethiopicus) (G26A), on top of a standard used for the carrying of religious symbols with the vertical stick at the far side						
Y/(I)	KIU 3507 (multiple).	Y (in core)		Y					Logogram DHwty (Thot).	Standard of token is technically somewahre between R12 and R92A, but I think it would suffice for the inclusion of this sign.		new draw, not sure which bird it is		
								An African sacred ibis (Threskiomis aethiopicus) (G26A), on top of a standard used for carrying religious symbols (R12).	Logogram DHwty (Thot).	Note that most TSL tokens fit F1CF2 more than this sign.		sacred ibis on standard		
Y/I	TSL	Y (v5.2)		Y										
		N (manual)	N	N						Mirrored form of F3CF2.				
								An African sacred ibis (Threskiomis aethiopicus) (G26A), on top of a standard used for carrying religious symbols (R12); with a half round loaf of bread (X1) in front of the pole of the standard, and two diagonal strokes arranged next to each other (Z4)						
Y/I	TSL	N (manual)	N	N					Logogram DHwty (Thot).	Insertion.				

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vois | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikor | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val ib | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikev | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unlker	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F1D49	G-12-043				E			G111	G111			G111	1			1						187;5												1	G;125		4
F1D4A	G-12-044				F			G111A	G111A			G111i																							G;143		1
F1D4B	G-12-045				B			G112	G112			G112																		38					G;141		2
F1D4C	G-12-046				C			G112A		G112A											G112A									7							2
F1D4D	G-12-047			13146				G7	G7			G7	33936	209	18745	14882	100	1_3611_00	G7		G007	187;6		5;18			833;10			1					G;169		12
F1D4E	G-12-048																					187;7													G;171		2
F1D4F	G-12-049				A			G7C	G7C			G7C	72			60	12				104;2	187;8	162;32	5;18					G007i	437	1	14	6	20	G;173		13
F1D50	G-12-050				C			G274	G274			G274	1			1					120;8			5;29				v3p17n1		3							5
F1D73	G-12-051				F			G289	G289			G289											162;36	5;29											G;266		3
F1D51	G-12-052				F			G320		G32D																				1							1
F1D52	G-12-053				C			G264B	G264B			G264i	4			4						187;10		5;27											G;185		4
F1D53	G-12-054				C			G264C										1_7066			G264C																2
F1D74	G-12-055				B			G264A	G264A			G264i	7			7								5;27						2				1			4
F1D54	G-12-056				E			G113	G113			G113	2			2						187;11													G;183		3
F1D55	G-12-057				F		S															187;12													G;175		2
F1D56	G-12-058						S															187;13													G;177		2
F1D57	G-12-059						S															187;14													G;179		2
F1D58	G-12-060						S															187;16													G;181		2
F1D59	G-12-061				F			G292	G292			G292																							G;295		1
F1D5A	G-12-062				A			G7D	G7D			G7D	179			171	8	1_3611_01			104;2	188;1							G007i	681	4	14	19	18	G;193		12

Index	Catalog	Vols	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F1D49	G-12-043					Could not acces an image, but TLA code already notes it as a variant.								N (auto)		N						The sign is marked as a variant, I have no access to Athribis I 2, 2, 5, 9, 12: Bandeau. vaseurs tcwen is a misinterpretation of F1D4C (G112A). (WB I, p. 445, blk.t).				
F1D4A	G-12-044													N (auto)		N										
F1D4B	G-12-045											Y(i)	Dendera Porte d'Isis, p. 65,6, pl. 68 (drawn).	Y (in core)		Y				A falcon (G5), wearing a headdress consisting of a sun-disk between the horns of a bovid [...]	Logogram blk.t (the female falcon)	Usually when refering to Hathor/Isis. Technically the flagellum is floating as a corner insertion. I could not verify any of the JH-D tokens with an image (Dendera XIII-XV). Valeurs token of F1D4A (G111A) was an error for this sign, but its token has a human head instead of the falcon head (Dendera IV, p. 156,8, pl. CCXCVI (bandeau)). Function based on Cauville, commentaire, p. 378-379, but could be				
F1D4C	G-12-046											Y(i)	Dendera XV, p. 295,6	Y (in core)		Y				A falcon (G5), wearing a headdress consisting of a sun-disk between the horns of a bovid [...]	Logogram nTr.t (goddess).				
F1D4D	G-12-047											Y(i)	TSL	Y (v5.2)		Y				A falcon (G5), on top of a standard used for carrying religious symbols	Classifier divine beings/divine things.				
F1D4E	G-12-048													N (manual)	N	N		F1D4F				Duplicate of F1D4F (G7C).				
F1D4F	G-12-049	N	Not a meaningful semograph ic variant	Y		Although there is no doubt that this sign exists, I don't think the variation in standard is of any use for unicode						Y(i)	KIU 3938, image 141499; KIU 1750, line 7.	Y (in core)		Y				A falcon (G5), on top of a standard used for the carrying of religious symbols with the vertical stick at the far side (R92A). A loop of cord with the ends upwards (V6), in front of a falcon (G5), on top of a standard used for the carrying of religious symbols with the vertical stick at the far side (R92A).	Logogram nTr (god).				
F1D50	G-12-050					TLA source is simple G7. Priese, Mersb, p. 43.						Y(i)	Dendera X, 411,5, pl. 270.	Y (in core)		Y					Logogram idmi (high quality (red) linnen).	Kurth/Valeurs token (Dendera IV, p. 74,5) could not be verified with an image. **Moved.** *Added manually to the full list for backwards compatibility.*			Yes/No	
F1D73	G-12-051													Y (manual)	Y	N						JH-D token: Dendera XIII, p. 336,1, commentaire pl. LIV has a flagellum, the sundisk cannot be seen.				
F1D51	G-12-052													N (auto)		N										
F1D52	G-12-053		Y		DIFF	procuserance, asmough it looks a bit closer to a feather here (Junker Giza VI, p. 67). I could not access beleg 3.								N (manual)	N	N		F1D74				Doubt, and sign would be sufficiently covered by F1D53.				
F1D53	G-12-054					Add BM EA 614, columns at the bottom, col. 3 to TSL.						Y(i)	TSL	Y (in core)		Y				A feather (H6), in front of a falcon (G5), on top of a standard used for the carrying of religious symbols with the vertical stick at the far side (R92A).	Logogram imn.t (west).	F1D52 (G264B) and F1D53 are practically the same sign, I would only include F1D53 (as it is verified).			
F1D74	G-12-055		Y									Y(i)	Dendera Porte d'Isis, p. 23,12, pl. 32.	Y (in core)		Y				A feather (H6), in front of a falcon (G5), on top of a standard used for carrying religious symbols, with a loop under the horizontal beam, running over the vertical pole (R12A). A falcon (G5), on top of a standard used for carrying religious symbols (R12), with a band of string or fabric (V12) written over the pole of the	Logogram imn.tt (West, 3rd nome of LE).	Different standard type than F1D52 (G264B) or F1D53 (TSL_1_7066). **Moved.** (Move sign next to F1D52 and F1D53, as they would belong together.)			
F1D54	G-12-056					Seems to be there (see Goyon (1972), pl (3), although I wonder if the F20A should not be interpreted as V12 instead.						Y(i)	P. Brooklyn 47.218.50, Goyon 1972, pl. I,6	Y (in core)		Y					Logogram idmi (high quality (red) linnen).	**Redrawn in place.** (Redraw sign, replacing the F20A with V12.) Corner insertion. Valeurs token (Edfu VII, p. 5,7) is damaged. Likely exists however.	redrawn in place			
F1D55	G-12-057													N (manual)	N	N										
F1D56	G-12-058											Y(i)	KIU 3950, line 1.	N (manual)	N	N				top of a standard used for the carrying of religious symbols with the vertical stick at the far side (R92A), with three vertical strokes in a horizontal orientation (Z2), written over the shoulder.	Logogram nTr.w (gods).	Corner insertion.			
F1D57	G-12-059											Y(i)	Dendera XII, p. 57,5, pl. 103, bandeau.	N (manual)	N	N				top of a standard used for the carrying of religious symbols with the vertical stick at the far side (R92A), with three vertical strokes in a triangular orientation with one stroke a the top (Z2A), written over the shoulder.	Logogram nTr.w (gods).	Corner insertion.			
F1D58	G-12-060											Y(i)	Dendera XV, p. 215,9, BIFAO 90 (Cauville) pl. III, 4th image.	N (manual)	N	N				top of a standard used for the carrying of religious symbols with the vertical stick at the far side (R92A), with three vertical strokes in a horizontal orientation (Z2), written under the horizontal beam of the standard.	Logogram nTr.w (gods).	Insertion. (senesene, mwaa I, p. 65,6) could not be verified with an image. [logogram idmi (high quality linnen) so the sign is likely the falcon on top of S116).			
F1D59	G-12-061													N (auto)		N										
F1D5A	G-12-062		Y			Note that the form of the standard can vary.						Y(i)	TSL	Y (in core)		Y				A falcon (G5) with a flagellum (S45) on its shoulder, on top of a standard used for the carrying of religious symbols with the vertical stick at the far side (R92A).	Classifier divine beings/divine things.				

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vols | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG Mirrored form of F1D70 (G125A). JH-D token (Dendera XV, p. 52,11, Commentaire pl. XXXII) seem to be this sign (although could be argued to be partially a corner insertion), but my image is too poor to be completely certain (bird has plumes, so it seems likely. Probably not an issue in the physical copy of the book (to which I currently have no access). No sources given. | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weleti
F1DB6	G-12-104				B			G127C	G127C		G127I		16			14	2					114;4		162;37						7			1				6
F1DB7	G-12-105							G128	G128		G128																										
F1DB8	G-12-106							G129B	G129B		G129I																										
F1DB9	G-12-107				C			G129	G129		G129												189;15						3			1		2	G;241		5
F1DBA	G-12-108				E			G290	G290		G290													5;26						1						*srḫ*	2
F1DBB	G-12-109				F			G129A	G129A		G129i												189;16												G;239		2
F1DBC	G-12-110							G129E															190;1												G;243		2
F1DC1	G-12-111							G129F																													2
F1DBD	G-12-112																						190;2												G;245		2
F1DBE	G-12-113							G129C	G129C		G129I												190;3												G;247		2
F1DBF	G-12-114				F			G129D		G129D											G129D															*lwnt*	2
F1D90	G-12-115				B			G130	G130		G130		5			5						114;5	190;4	162;33						5	1		18	G;257	*lwn;lwnt;lwnty;wnmy;xt*	R
F1D91	G-12-116			132BF				R13	R13		R13		269	94		174	1	1_5282_00	R13	R013	186;6	190;5	170;36	5;27			858;15			31					G;255		13
F1D92	G-12-117				C			R138										1_5282_01		R013B																2
F1D93	G-12-118							R13A	R13A		R13A												190;7												G;253	*lwnt;ḫr-ʿqr*	2
F1D94	G-12-119				E			G131A	G131A		G131i		1			1							190;8												G;289		3
F1D95	G-12-120				B			G131	G131		G131		30			30		1_3245					190;9	162;35			1434;14	837;5							G;291		R
F1D96	G-12-121				B			G131B	G131B		G131i		29			29																			*ʿnty*	1
F1D97	G-12-122				C			G132A	G132A		G132i												114;6	190;1	162;40						1				G;203	*wnt*	5
F1D98	G-12-123				C			G132	G132		G132												114;6	190;1	162;40	5;23					2				G;201		6

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
Y/i	Dendera X,114,9, pl. 73, col. 7.	Y (in core)		Y				with the pole resembling a seat (U28A), in front of a falcon (G5), on top of a standard used for carrying religious symbols, with a loop under the horizontal beam, running over the vertical pole (R12A), on top of a parcel of land with irrigation ditches (N24).	Logogram wTs-Hr (Throne of Horus (Edfu, 2nd nome of UE)).					
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
Y/i	Dendera, Porte d'Horus, p. 10,12, p. 92.	Y (in core)		Y				A falcon (G5), on top of a façade of a palace or tomb, with a doorway [illegible]	Logogram nr-Hr y-srx (Horus who is on the palace façade).	Note that Horus could be bik (falcon) as well.				
Y/i	Dendera XV, p. 271,9	Y (in core)		Y				An obelisk, with base (D25), in front of a falcon (G5), on top of a façade of a palace or tomb, with a doorway (O33A).	Logogram/phonogram Hr mn (Hr) srx (Horus, who endures on the palace façade).	Verified by Peter Dils, Note that the srx type is actually of a type with vertical stokes at the side, horizontal strokes in the middle. Kurth token (Daumas, Mammisis Dendera, p. 100,7) could not be verified with an image. (Dils suggested reading: jwnf m bjk/Hrw mn Hr srx snt kA.w-anx.w).		part		
		N (auto)		N						Valeurs reners no wa IV, 200, which does not show this sign, and the only sources I could locate (for example Edfu I, p. 481,2) seem to be sequences, not a sign.				
Y/i	Edfu VI, p. 263,9.	Y (in core)		Y				A falcon (G5) with a flagellum (S45) on its back (G6), on top of a façade of a palace or tomb, with a doorway, without internal detail (O129).	Classifier the one who is on the palace façade (Hr-y-srx).	Found and verified by Peter Dils.			Yes	
Y/i	Edfu VI, p. 92,15.	Y (in core)		Y				A falcon (G5) with a flagellum (S45) on its back (G6), with a tie or strap, used with sandals (ankh-sign) in front of it, vertically; on top of a façade of a palace or tomb, with a doorway, without internal detail (O129).	Logogram bik ane Hr-y srx (The living falcon who is on the palace façade).	Found and verified by Peter Dils.			Additional row	
		N (manual)	N	N						Inaccuracy a duplicate of F1DBE (G129C).				
		N (auto)		N						No sources given.				
Y/i	Dendera, Porte d'Isis, p. 25,8, pl. 30, middle image, bandeau.	Y/R (in core)		Y/R				A façade of a palace or tomb, with a doorway, without internal detail (O129), with a falcon (G5) written inside it.	Logogram srx (throne, palace façade).	Redraw using O129 instead of O130. Technically an insertion, but I doubt if will render correctly. Reading based on Porte d'Isis p. 92, but I wonder if this could technically not read Hr/nTr/bik m srx instead (as that is what is literally depicted). However, that would make less sense within the rest of the translation.			Redraw in place.	
R/i	BM EA 567, line 16.	Y (in core)		Y				A falcon (G5), with a feather (H6), angled forward, on its toe.	Logogram imn.t (west, right side).	**Redrawn in place.** (Redraw without the bottom line, with the feather written on the toe of the bird.)		redrawn in place		
Y/i	TSL	Y (v5.2)		Y				A falcon (G5) on a standard with a rounded top, with a feather (H6), angled forwards, attached to the standard in front of the falcon. A falcon (G5) on a rounded support, resembling a half round loaf of bread (X1), with a feather (H6), angled forwards, attached to the support in front of the falcon.	Logogram imn.t (west, right side).					
Y/i	TSL	Y (in core)		Y					Logogram imn.t (west, right side).					
		N (auto)		N						No sources given.				
		N (auto)		N						Valeurs tokens are Loret, I.e., no source, and WB III, p. 394, which does not have this specific form.				
R/i	TSL	Y (in core)		Y				A falcon (G5), on top of a standard used for carrying religious symbols (R12), on top of a base with a butcher's block (T28) at the front and a sandy hill slope (N29) at the back.	Logogram Xr.t-nTr (necropolis).	**Redrawn in place.** (Redraw sign to turn feather into a Sd5d protuberance (i.e, a small upward tick at the front top of the standard, not a full feather, see F1D96.)		redrawn in place		
Y/i	Junker, Giza IX, 107-118, abb. 50, pl. IXa (top line).	Y (in core)		Y				A falcon (G5), on top of a standard used for carrying religious symbols (R12), on top of a butcher's block [illegible]	Logogram Xr.t-nTr (necropolis).					
		Y (=D_Esh/WG)		N						Supposed to be a F1T53 (F1A) the falcon is standing on, not this simplified form (according to the font) **Redrawn in place**. However, none of the tokens could be verified with an image (Dendera IX, 214,17; Dendera XV, p. 155,13 (not there in the transcription); Edfu III, 278,10).		redrawn in place		
Y/i	Edfu III, p. 342,12.	Y (in core)		Y				A falcon (G5), on top of the head of a bovid (ox) with outwards curving horns (F1).	Logogram nmty (Nemty (divinity)).	Both JH-D tokens were not visible enough in my images (Dendera X, p. 77,8, pl. 68; 275,1, pl. 163, col. 42 (my digital copy might not be clear enough here). Kurth and Valeurs token (Edfu III, 342,12) could not be verified with an image.			Yes	

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unlker	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F1D84	G-12-153			13237				NU2			NU2	NU2	1				1		NnU2	NU002																	3
F1D85	G-12-154			1323A				NU5			NU5	NU5							NnU5	NU005																	2
F1D86	G-12-155			1324A				NU18A			NU18	NU18							NnU1	NU018A																	2
F1D87	G-12-156			13222				NL3			NL3	NL3							NnL3	NL003																	2
F1D88	G-12-157			13235				NL20			NL20	NL20							NnL2t	NL020																	2
F1D89	G-12-158				C			Q41	Q41			Q41	5			5					183;4		15;11						1					1		5
F1D8A	G-12-159				B			G141	G141			G141	14	1		13																				2
F1D8B	G-12-160				E			G142	G142			G142	1	1											1434;16												2
F1D8C	G-12-161				C			G143	G143			G143	3	2		1									1434;17												3
F1D8D	G-12-162				F			G288	G288			G288																							G;129		1
F1D8E	G-12-163				B			G279	G279			G279	11			11																					1
F1D8F	G-12-164				F			G291	G291			G291																							G;293		1
G12. Falcon opening his wings (faucon ouvrant ses ailes)																																					
F1DDD	G-13-001				B			G144	G144			G144	7			6	1				114;9	191;1	162;47	5;37				g185 v23		6					6	G;321		10
F1DD1	G-13-002				F			G144A	G144A			G144	1	1																							1
F1DD2	G-13-003				C		20	G144B	G144B			G144										191;13								3					1	G;319		4
F1DD3	G-13-004																					191;14														G;323		2
F1DD4	G-13-005																					191;15														G;325		2
F1DD5	G-13-006				F																	192;1														G;357		2
F1DD6	G-13-007				B			G145	G145			G145	7	4		3					114;1	192;2	163;4	5;41a					11							G;359		8
F1DD7	G-13-008				E			G146	G146			G146	1	1												837;7											2

Vots	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
				KIU 1128, line 16 has a variant without a standard. I could not locate this specific grapheme.					
				Could not yet locate an example					
N	monogram	Y	DIFF	Probably here, Macadam Temple of Kawa I, pl. 9-10, line 2 and 4, athought the only thing that distinguishes it from G175 is that it is a lot less duckilke, Moreover, I would prefer only including G165, as this full falcon form needs to be attested, and based on exisiting encodings, I would prefer only including G165.					like a hieroglyphic standardizatio n, while G165 is closer to the paleaeographic /iconic rendering. Agree with keeping only the latter.
N	monogram	Y	DIFF	I could not locate the PT example (PT 1583b, seithe column 79B, not visible in MIFAO 118 (P/C-pres/W). The TLA examples (all by Grunert) are all G7.					could not verify this shape.
	?			it seems to be there, but only in facsimile. ACEr 18 (Giza II), pl. 46, line 7. However, as the Merenre example of G142 is only with three lines, one can wonder if the G142 and G143 are not the same sign, rather than two distinct signs.					
N	monogram	Y	DIFF	are from the tomb of Pahesi, ÄAT 23, and in my opinion are a variant at best of G133 (see my comments there, although a bit more rounded). The sign is in Pahesi used for the title nb.wy (i.e occurs in dual), and if this specific (with egg) actually exists, I would expect it to be sA-Hr (son of Horus) or sA-nTr (son of the god). Hence, if the Pahesi form would be added (TSL only), it should recieve its own grapheme, not using G114.					Merge with G133
				Note that in Edfu the wings are habitually more horizontal than in this image (however, I suggest continuing using this form).					
	Y			Only in transcription, PT 1770a (N), Seithe column 157, needs verification with squeeze. However, based on Seithe it seems that both wings are downwards (classifier snn), and the bird looks more like G17 than G5.					
				Not even supported in the transcription (Pepi II, PT 1170a, seithe colum 157, needs verification with a squeeze).					
				be verified with an image/image too poor (Dendera XIV, p. 60.3, commentaire pl. XXII; p. 104.3; p. 157,11). Valeurs tolems should have been read as F1DDD (G144). I have no acces to Athribis I, 1, 109.					
				Practically a duplicate ofF1DDD (G144).					
				No sources given.					
				Practically a duplicate of F1DD6 (G145).					
				note that yr 4ba0 (u), Piankoff, pl. 3, 6th col. from left (distinct from G40, which occurs in the same column) is a variant of this sign, with the legs like G40.					
				I ne photo is too poor to see with certainty, but PT 1971 (N), seithe column 759 does not look to dismiler from G40 to me. (check squeeze)					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
								balance, with the cross-bar resembling a feather (H6), written horizontally (U38G), in front of a falcon (G5); on top of a standard used for carrying religious symbols (R12), on top of a parcel of land with irrigation ditches						
Y,I	KIU 4344, line 1.	Y (v5.2)		Y					Logogram wTs-Hr (Throne of Horus (Edfu, 2nd nome of UE)).					
								two raccons (uu), arranged horizontally, on top of a standard used for carrying religious symbols (R12), on top of a parcel of land with irrigation ditches						
Y,I	Calverley, Abydos 4, pl. 11,A, fourth figure from left	Y (v5.2)		Y					Logogram nTr wy (The two gods, 5th nome of UE).					
		Y (v5.2)		Y						no token or tms exact grapheme could yet be located. *Addition to core based on principle, not verification.*			Yes	
								A feather (H6), in front of a falcon (G5), on top of a standard used for carrying religious symbols (R12), on top of a parcel of land with irrigation ditches (N24).						
Y,I	KIU 1127, line 3	Y (v5.2)		Y					Logogram imn.tt (West, 3rd nome of LE).					
		Y (v5.2)		Y						No sources given. *Addition to core based on principle, not verification.*			Yes	
		Y (n=0,JSeh/WG)		N						JH-D (Dendera X, 290,6) is not a clear falcon either.				
		Y (n=0,JSeh/WG)		N						Could not be supported.				
Y,I	Pepi I, P/C-am/W 24, (PT 1202b), MIFAO 118, fig. 28, 6th column from the left.	Y (in core)		Y				A raccon (uu), on top of a standard used for carrying religious symbols (R12), with a rectangular piece of cloth with fringes on the top long side, resembling a game board (of Senet) with game pieces (Y5),	Classifier high quality (red) linnen (i)(idmi).					
Y,I	ACEr 18 (Giza II), pl. 46, line 7 (Offering list).	Y (in core)		Y				A falcon (G5), on top of a standard used for carrying religious symbols (R12), with a horizontal strip of cloth with four fringes (S116) attached to the back of the pole.	Logogram idmi (high quality (red) linnen).	either F1DBB (G142) or F1DBC (G143), as they are similar in function, and might only represent a graphical variant of each other. Note that the token is technically only with 3 fringes (S115), so if added, sign needs to be redrawn with 3 fringes instead of four.			Yes	
		N (auto)		N						(uuumas, wammsss Dendera, p. 100,7) could not be verified with an image. (Note that Kurth put this one under F1DBA (G290).				
		N (manual)	N	N						Practically similar to F1D9C.				
Y,I	BM EA 10610,4 (P. Ramesseum B, dramatic papyrus), col. 107	Y (in core)		Y				A falcon (G5), on top of a standard used for carrying religious symbols (R12), on top of a horizontal object resembling a mace or wooden column (O29).	Logogram idmi (high quality (red) linnen).	I am not sure in now far the bottom section of the sign is technnally this, or if it is a feature of the cursive here, as it is a lot more mace-like in the original, but based on the other signs for idmi, it is likely some type of			Yes	
								A falcon, standing, with extended wings at either side of the body, at a 45° angle.	Logogram down-an-wy (the one who spreads out his wings ((Dewen-anwy) divinitvii.					
Y,I	KIU 7595, line 6.	Y (in core)		Y										
		N (auto)		N										
		Y (n=0,JSeh/WG)		N										
		N (manual)	N	N										
		N (auto)		N										
		N (manual)	N	N										
								A falcon, legs drawn towards the body, with its wings extended at either side of the body.						
Y,I	Edfu VII, 23,6, Bartels photo (wall) 454.	Y (in core)		Y					Phonemogram TA.					
		N (auto)		N						Not this sign in the PT.				

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhon | VP Val glyph | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sis | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequ nce	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor w;z;g;f;pwt;ab;gl;gll	Weight
F1EC0	G-20-001				F			G47C														198;6													G;855		2
F1EC1	G-20-002							G300B														198;8													G;857		2
F1EC2	G-20-003				F			G306A														198;9													G;859		2
F1EC3	G-20-004							G306C														198;10													G;861		2
F1EC4	G-20-005							G308	G308			G308												5;41														1
F1EC5	G-20-006			13177				G47	G47			G47	2971	93	1896	892	90	1_3571	G47	G047	111;2	198;1	164;11	5;103	G;4900		836;9			67	14	4	3	49	G;863		19
F1EC6	G-20-007				C			G230	G230			G230	1			1					119;6	198;12								2				2	G;865		6
F1EC7	G-20-008				C			G306	G306			G306										198;13								1		1		1	G;781		5
F1EC8	G-20-009																					198;14													G;783		2
F1EC9	G-20-010				B			G48A	G48A			G48A	11			10	1					199;1			G;5101	1434;10									G;867		6
F1ECA	G-20-011					S		G231	G231			G231										199;2													G;993		2
F1EE1	G-20-012				F			E5155		E5155																				1							1
F1EC8	G-20-013				F			G47A	G47A			G47A	1	1								199;3												1	G;663		4
F1ECC	G-20-014							G47B	G47B			G47B																									2
F1ECD	G-20-015				C			G235	G235			G235	3			3						199;14													G;879		3
F1ECE	G-20-016							G236	G236			G236										199;15													G;877		2
F1ECF	G-20-017				B			G237	G237			G237	54		50	4							164;12	5;105	G;5202	1435;9	837;18										7
F1ED0	G-20-018				F			G237A	G237A			G237A									120;2									1							2
F1ED1	G-20-019				D			G309	G309			G309	1			1								5;105											G;869		3
F1ED2	G-20-020				E			G310	G310			G310												5;106											G;871		2
F1ED3	G-20-021				D			G312	G312			G312												5;107						1					G;875		3
F1ED4	G-20-022				B			G232A	G232A			G231									119;8	199;4								45		1		5	G;901		6
F1ED5	G-20-023			13178				G48	G48			G48	6	1	2	3		1_3574	G48	G048	111;3	199;5	164;13	5;108	G;5100		836;10									G;899		13
F1ED6	G-20-024				B	22		G232	G232			G232	13			11	2				119;7	199;6	164;13	5;108			837;17			14		1	2	2	G;897		12
F1ED7	G-20-025				F			G233	G233			G233	1			1																					1
F1ED8	G-20-026				B			G49C	G49C			G49C	5		1	4					111;5	199;7								1				6	G;893		7

Vote DW	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
				TLA example (P. Turin BotD chapter 164, col 1) is simply G47.					
	monogram	Y							
				Even in Jequier (pl. XII, col 308) a different sign, form acklin to G158 or G145 (moreover, only transcription).					
				TLA examples (BIFAO 75, Zivie, all three sources are from this), are a different sign (not yet in existing sign lists), (pl. LVI, right figure, col 3). (2 H39/HAD signs on top of an oval).				
		Y	DIFF						
	but design with same 'rectangle' as in G234/5/8,								
R	G49, ...??	Y	DIFF	Should indeed be an oval, not rectangular.					
				No idea where this one is located in the TLA.					
				Note that in TSL tokens the nest is more like a basket.					
	oesign should not include the net structure	?	DIFF	SL candidate, KIU 3553, line 2 clearly shows the netting I cannot verify the source with image, (Edfu VII, 18,8, but Chassinat used G232 in his transcription.					
		Y							

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		N (auto)		N									
		N (auto)		N						No sources given.			
		N (auto)		N						either not be verified with an image (Edfu VI, 297,5) or turned out to be F1EC5 (G47). I doubt that this form exists, beside that it is unlikely that this would be a meaningful variant.			
								A vulture chick, outstretched wings on either side of the body, and the legs drawn towards the body.	Classifier descendant (wr,y).				
Y/I	Edfu VI, p. 98,15.	Y (in core)		Y						No sources given.		Yes	
		N (manual)	N	N		F1EC3				(wammous sana i, p. 151,3) is not even remotely like a vulture.	vulture chick	No/No.	
								A ducking, with open beak, outstretched wings on either side of the body, and the legs drawn towards the body.	Phonemogram TA.				
Y/I	TSL	Y (v5.2)		Y									
								A ducking, with open beak, outstretched wings above the body, and the legs drawn towards the body.	Phonemogram TA.	Not perfectly clear (beak might not be open), but seems to be this sign.			
Y/I?	Dendera X, p. 109,6, pl. 71, col. 127	Y (in core)		Y								Yes	
								A duck, beak closed, outstretched winged above the body, legs drawn towards the body.	Logogram nA (water fowl).	Distinct from F1EC6 (G230), as it is clearly a fully developed bird, not a chick.			
Y/I	Dendera Porte d'Hathor, p. 1,6, p. 69, second image.	Y (in core)		Y						DISTINCT FROM F1EC6 (G230) with a slightly different wing position.			
		N (auto)		N									
								A duckling, with open beak, outstretched wings on either side of the body, and the legs drawn towards the body (G47), above a sickle moon shaped nest.	Classifier nest (cl).				
Y/I	KIU 944, line 5.	Y (in core)		Y							Hannig has wrong glyph but correct description		
		N (manual)	N	N						Overlay. No sources given.			
										JH-E token (Edna VII 620,00, p. 195,4) is more like a ibis or heron, i.e, not a duck-form bird.			
		N (auto)		N									
		N (auto)		N						Not this sign in PT, and No other sources are given.			
		N (auto)		N						No sources given.			
										refers to are better represented by F1ECF (G237), the PT tokens resemble F1EC6 (G230) more, although only in transcription.			
		Y (>=0,/Seh/HG)		N									
		N (auto)		N						No sources given.			
	P. Ramesseum III (BM EA 10756,5), col. B32.	Y (in core)		Y				Two heads of a pintail duck (Anas acuta) (hl), protruding from an oval pool or nest.	Classifier nest (cl).	**Redrawn in place.** (Turn rectangle into a rectangular oval (see F1ECD).)	redrawn in place		
								Two heads of a pintail duck (Anas acuta) (hl), protruding from a pool or nest resembling the sky (N1).	Phonemogram nxt.	Unclear, image is not clear enough, but there are hints of sharp corners to the sign, but it could be (in theory) a N38 as well, instead of a N1.			
Y/I?	Dendera X, p. 328,14, pl. 215	Y (in core)		Y								Yes	
								Two ducklings, with open beak, outstretched wings on either side of the body, and the legs drawn towards the body (G47), above a sickle moon shaped nest.	Phonemogram nxt.	Could theoretically be achieved through arrangement.			
Y/I	Gauthier, Cercueilles Montou i, p. 65,16, pl. V (left image).	Y (in core)		Y									
		Y (manual)	Y	N						217,25, p. 58,2) could not be verified with an image (technically seems like an arrangement, but has a singular function as a group, not shared by the composite signs. *Added manually to the full list for backwards compatibility.*			
										Valeurs token (Esna III 209,27, p. 40,3) could not be verified with an image. Esna VII 598,00, p. 134,2 (verified by Peter Dils) has both wings upwards, I would call them adult birds, not younglings.			
		N (manual)	N	W								Wait	
								Three heads and upper bodies of ducks protruding from a nest without internal detail.	Phonemogram mht.				
Y/I	Dendera X, p. 285,13, pl. 167, col. 39.	Y (in core)		Y									
								Three ducklings, with open beak, outstretched wings on either side of the body, and the legs drawn towards the body (G47), inside a nest.	Classifier nest (Sb).				
Y/I	TSL	Y (v5.2)		Y							different		
								Three heads and upper bodies of ducks protruding from a nest with netting as internal detail.	Phonemogram mht.				
Y/I	KIU 3553, line 2.	Y (in core)		Y						TLA token (Edfu VII, p. 18,8) is F1EC6 (G232) (verified with image from Philipp Seyr).			
		N (auto)		N									
								Three heads of a pintail duck (Anas acuta) (hl), protruding from a pool or nest resembling a wickerwork basket (V30).	Logogram xS (nest).				
Y/I	SSR 20, Blaschta (2019), fig. 20/ 28 (20th nome).	Y (in core)		Y									

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikor | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val Weight | Vots | Comment DW | Yote DW Core (2021) | DW differentity | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differentity | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F1F27	G-23-009				C			G24B	G24B			G24B	5			5						201;8	5;82											G;679		4
G24. Vulture (vautour)																																					
F1F40	G-24-001			13150				G14	G14			G14	2468	384	676	1094	314	1_3260	G14	G014	104;5	201;9	162;20	5;2	G;1400		834;3			518	51	44	28	95	99	G;33	*wsm;wsmy;wsmt;hiii;m;mwt,mt,m;nlw;nr,nrlw;nr w,nrii;npr,rmp,rmpt,hr,lity ;iri;lal;lal;t;ry;nr*	20
F1F41	G-24-002				F	S																201;11													G;35	*mwt,rmpt*	2
F1F42	G-24-003				F																	201;13													G;37	*n*	2
F1F43	G-24-004				B			G14A	G14A			G14A									105;1	202;2	162;21							50	8			2		G;39	*n;nb;t;ti;ty*	7
F1F44	G-24-005				B			G176	G176			G176	3			1	2					202;1	162;21							6	2			44	G;43	*nb;ty*	8
F1F45	G-24-006				B			G176A	G176A			G176i						1_3318			117;1	202;4								54	5	7	2	8	G;41	*wsmt*	9
F1F46	G-24-007				F			G177	G177			G177												5;3											G;45		2
F1F47	G-24-008							G177A	G177A			G177i																									
F1F48	G-24-009							G177B	G177B			G177i																									
F1F49	G-24-010							G178	G178			G178										202;6		5;4											G;47	*nt*	3
F1F4A	G-24-011				D			G179	G179			G179										202;7		5;5	G;1500										G;51		4
F1F4B	G-24-012							G179A	G179A			G179i																									
F1F4C	G-24-013				D			G284	G284			G284	3				3					202;8													G;69		3
F1F4D	G-24-014							G181	G181			G181										202;9													G;55		2
F1F4E	G-24-015							G180	G180			G180										202;10													G;53		2
F1F4F	G-24-016																					202;11													G;57	**fjmt,mwt;rmpt,gl*	2
F1F50	G-24-017				E			G15A	G15A			G15A										202;12												1	G;59	*mwt*	3
F1F51	G-24-018			13151				G15	G15			G15	410	9	34	367	1_3275	G15+l	G015		202;1	162;22	5;6	G;1450		834;4			9	1				G;61		14
F1F52	G-24-019					S																202;16													G;73		2
F1F53	G-24-020					S																203;1														*npr*	1
F1F54	G-24-021				D			G283	G283			G283																		1			1		G;63		3
F1F55	G-24-022							G183	G183			G183										203;2													G;65		2
F1F56	G-24-023							G183A	G183A			G183i																									
F1F57	G-24-024							G184	G184			G184										203;3													G;67		2
F1F58	G-24-025							G184A	G184A			G186																									
F1F59	G-24-026				F			G182	G182			G182	1				1					203;4													G;71		3
F1F5A	G-24-027							G182A	G182A			G182i																									
F1F5B	G-24-028				A			G16A	G16A			G16A	27	13		9	5	1_3308								834;6	g195 v123		80		4	7		5		*n;nb;nby;;sm t!w;y*	10
F1F5C	G-24-029			13152				G16	G16			G16	302	9	15	104	174	1_3293	G16	G016	105;2	203;5	162;23	5;9	G;1600		834;5			4		1		6	G;79		17
F1F5D	G-24-030				E			G16B	G16B			G16B	2			2																					1
F1F5E	G-24-031				C			G185A		G185A									G185A										6								2

Vois	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
	insignifica nt(?) variant	N	DIFF	As we made distinctions between the position of the leg before, I would not call this insignificant. (although functionally it most likely is). However, as the only accessable source to me is P. Turin (BotO), one could wonder if the variation in leg position is not a quirk of the cursive used, see: chapter 125, col 30,2.					for systematicity re the position of the legs
	Y/BRE AST FEATH ER		DIFF	In all attestations (Karnak and Sehel, the TLA token), I would rather call them G176A, as there is no internal detail, nor the double line at the back.					
Y	cf. G176; insignifica nt difference	N	DIFF	Functionally distinct form used in Ptolemaic, without inner detail. I would call all Karnak tokens rather G176A over G176.					
		Y	DIFF	(wnn nagesumu, karnak examples should receive their own sign (TSL candidate), as the basket is part of the sign. See KIU 1264, line 4.					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
Y/I	P_Turin 1791 (BotO), chapter 125, col. 30,2.	Y (in core)		Y				A lapwing (Vanellus cristatus), standing, wings extended above the body, with two human arms, extending from the breast, raised, with handpalms outwards.	Logogram rx:yt (common folk, subjects, people).					
Y/I	TSL	Y (v5.2)		Y				A griffon vulture (Gyps fulvus).	Logogram mw:t (mother).			Mut		
		N (manual)	N	N						Corner insertion.				
		N (manual)	N	N						Meaningless variant of F1F40 (G14).				
Y/I	Dendera X, p. 282,10, pl. 366, col. B.	Y (in core)		Y				A griffon vulture (Gyps fulvus), without internal detail or visible wings, without a lappet.	Phonemogram tyw.	It is possible that this should be represented by F1F08 (G210) instead.				
		Y (>=D_iSeh/WG)		N						Based on the verified tokens, it would be better to only include F1F45 (G176A). All JH-D tokens would be better represented by F1F45 (G176A).				
Y/I	TSL	Y (in core)		Y				A griffon vulture (Gyps fulvus), without internal detail or visible wings, with a lappet.	Phonemogram ty.	It is possible that this should be represented by F1F09 (G210A) instead.				
		Y (manual)	Y	N						Kurth/Valeurs token (Edfu I, p. 546,2) could not be verified with an image. *Added manually to the full list for backwards compatibility.*			Yes/No	
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.		var G177		
		N (auto)		N						kurn token (uenoera XII, p. 184,3, pl. 109) is F1F65.		~~~		
Y/I	Dendera XII, p. 184,13, pl. 109, second/third image from below.	Y (in core)		Y				A griffon vulture (Gyps fulvus), wearing the Atef crown (SBA).	Phonemogram nt.	Verified by Peter Dils. H&S token (BM EA 278, top register (XIII Vi, p. 275,8)) has a flagellum as well. Kurth/Valeurs token (Esna III 238,8, p. 53,10) could not be verified with an image.			Yes	
		N (auto)		N						No sources given.				
		Y (>=D_iSeh/WG)		N						Karnak tokens are connected to a basket.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						Loxxey exxss, xus i oo not consider this a meaningful variant of F1F51 (G15), as it simply has less detail.				
Y/I	TSL	Y (v5.2)		Y				A griffon vulture (Gyps fulvus), with a flagellum (S45) on its back.	Logogram mw:t (mother).	All TSL tokens are technically F1F52.				
Y/I	TSL (G15) token TSL_3_22359.	N (manual)	N	N				A griffon vulture (Gyps fulvus), with a flagellum (S45) on its back, and a half round loaf of bread (X1) in front of its lees.	Logogram mw:t (mother).	Insertion.				
		N (manual)	N	N						Mirror of F1F52.				
Y/I	Dendera XV, p. 216,12	Y (in core)		Y				A griffon vulture (Gyps fulvus), with a flagellum (S45) on its back; on top of a standard used for the carrying of religious symbols with the vertical stick at the far side (R92A).	Logogram nTr:t (goddess).	**Redrawn in place** (Redtree sign based on F1F51 (G15), not F1F50 (G15A)). Verified by Peter Dils. Dendera Porte d'Hervu, p. 29,10, p. 134, below line 10, 3rd cartouch from the left) is not really recognisable. Valeurs token is JH-D token.	redrawn in place		
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
Y/I	KIU 657, line 13.	Y (in core)		Y				A griffon vulture (Gyps fulvus), with a flagellum (S45) on its back, right claw extended forwards, holding a sceptre with a straight shaft, a forked base, topped with the head of the Seth animal (S40), angling forwards, with a cartouche in a round form (V9) with the loop around the staff.	Logogram nxb:t (Nekhbet (divinity)).	It could be argued that the basket that follows is part of the sign as well. Note that technically the V9 sign is at the claw, not in the middle of the staff.				
		N (auto)		N						No sources given.		var G182A		
Y/I	TSL	Y (in core)		Y				A griffon vulture (Gyps fulvus), on top of a wickerwork basket (V30). (Gyps fulvus), on top of a wickerwork basket (V30), in front of a cobra (Naja haje), standing up, with expanded hood (Uraeus), with a coiled tail (I12), upon a wickerwork basket (V30).	Classifier divinity (nb:t (Nekhbet)). Logogram nb:ty (the two ladies (i.e. Nekhbet and Wadjet).	Technically two separate signs with the same function (nb:t) in my opinion.			No/No.	
Y/I	TSL	N (manual)	N	N										
Y/I	Cairo CG 20538, recto d:9 (last col).	Y (in core)		Y				A griffon vulture (Gyps fulvus), with a flagellum (S45) on its back; on top of a wickerwork basket (V30).	Logogram mw:t (Mut (divinity)).					
Y/I	Dendera Porte d'Isis, p. 63,2, pl. 66, bandeau.	Y (in core)		Y				A griffon vulture (Gyps fulvus), wearing the white crown (S1), on top of a wickerwork basket (V30).	Classifier uraeus (wr:t)	as this sign is followed by an uraeus on a basket with a red crown. (used together as classifier for wr:ty).				

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F1FEC	H-01-009							H14D																												*hmz;sgmh*		
F1FE7	H-01-010				C			H14	H14			H14	1			1					123;3	206;8	164;19	15;58						2			2			Q/R;711	*mdw*		8
F1FE8	H-01-011				B			H14A	H14A			H14A	2			2								15;58						5			3			Q/R;712	*fmt*		5
F1FE9	H-01-012				F			H15A	H15A			H15A																								Q/R;713			1
F1FEA	H-01-013				F			H15	H15			H15	1			1						206;10																	2
H02. Falcon eye																																							
F200D	H-02-001				F																	206;11														H;17	*imi<b;ir;ur;tfmwt*		2
F2001	H-02-002				B			H16	H16			H16	5		1	4		1_3674			124;1	206;1	164;20	6;3		Ht0200		h234bis v3		7					21	H;19	*imi<b*		12
F2002	H-02-003				C			H16A	H16A			H16A									124;2	207;1								3		1			1	H;23			6
F2003	H-02-004																					207;2														H;25			2
H03. Duck/Goose head																																							
F2010	H-03-001			1317F				H1	H1			H1	391	19	5	332	35	1_3663	H1	H001	122;1	207;3	164;14	6;1		Ht0300		838;2		1	27			2	6	H;47	*tpwS<b*;rt;kd;tz*		18
F2011	H-03-002				B			H18A	H18A			H18A	9		1	8					124;4	207;4		6;6						54		2	22			H;51	*p<k;rt;gt;pgS;d;pkd*		9
F2012	H-03-003				F																	207;5														H;49	*tpwD;r;210*		2
F2013	H-03-004				B			H17	H17			H17	18	3	5	10						207;6						1435;11	838;12		1				1	H;53	*p<k*		9
F2014	H-03-005				B			H18	H18			H18	11			11		1_3677			124;3	207;7	164;17	6;6						14			4		1	H;55	*pgs;pk*		10
F2015	H-03-006				B			H19	H19			H19	19		10	9												1435;12	838;13	h234 v23					1	H;57			7
F2016	H-03-007							H19A	H19A			H19A																											
F2017	H-03-008				F			H23	H23			H23																								H;61	*rh*		1
H04. Crested bird head																																							
F2030	H-04-001				A			H20	H20			H20	14			8	6					207;8		6;5					838;14			20	21		2	15	45	H;35	*ib;t;kt;t ib;wt;hw*		11
F2031	H-04-002				A			H2A	H2A			H2A	3			2	1				122;2	207;9								176	2		13		14	H;37	*ib;t ib;pk;pgS;k;b t;hw*		9
F2032	H-04-003																					207;10														H;39			2
F2033	H-04-004																					207;11																	1
F2034	H-04-005			13180				H2	H2			H2	87		9	76	2	1_3681	H2	H002			164;15	6;5		Ht0400		838;3		31	8	21	3		119				15
F2036	H-04-006							H47	H47			H47																											
H05. Spoonbill head																																							
F2040	H-05-001			13181				H3	H3			H3	28	11	1	16		1_3694	H3	H003		207;1	164;16	6;6		Ht0500		838;4			9					H;41	*pgS*		13
F2041	H-05-002							H44A																															
H06. Vulture head																																							
F2050	H-06-001				F																	208;1														H;3	*ar;gh*;y*		2
F2051	H-06-002				F																	208;3														H;5	*ar;ary*;rmj*		2
F2052	H-06-003			13182				H4	H4			H4	147		22	114	11	1_3705	H4	H004	122;3	208;4	164;18	6;2		Ht0600		838;5		159	7	6	3		52	H;7	*w;lm;ar;ary;rmj*		18
F2053	H-06-004					S																208;5														H;1	*fx*		1
F2054	H-06-005				F																	208;6																	2
F2035	H-06-006				C			H44	H44			H44						1_3710												1	1				6				4
F2055	H-06-007							H21	H21			H21										208;7														H;45			2
F2056	H-06-008							H22	H22			H22																											

Vols	Comment DW	Vote DW Core (2021)	DW differentiality	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiality	Comment SP
				Can't verify the source (Edfu VII, p. 27,2) as it is just outside the image (only bottom of the sign can be seen). Bandeau of the frieze, above scene XIII (p. 305,7-307,6). Maybe in Dendera IX, p. 37,17, pl. DCCCXXVIII, but the details are not good enough to be certain it is this sign					
				TLA tokens cannot be recognised on the images I have.					
				Only partly on a photo (Edfu VII, 6,8, photo (wall) 294, I am not even certain if it is the head of a falcon.					

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sis | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhon | Weight | Vols | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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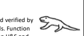
Index	Catalog	Glyph	G-2021	UCS	Priorit	Seque nce	Siz	GID	HG	HGx	Douri	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Uniker	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moeller	Richn
H09. Leg																													
F20A0	H-09-001				A			H31	H31			H31	**65**	2		61	2				124;8	210;1	164;21	6;17			839;1		
F20A1	H-09-002																					210;2							
F20A2	H-09-003				F																	210;3							
F20A3	H-09-004			13186				H7	H7			H7	**6**	3		2	1	1_3722_0(	H7	H007		210;5	164;22	6;18	H;1600		838;9		
F20A4	H-09-005				C			H7A	H7A			H7A	**2**			2		1_3722_01			123;1								
F20A5	H-09-006				F			H7B													123;1	210;6							
F20A6	H-09-007				C			H32	H32			H32	**2**			2						210;7		6;19					
F20A7	H-09-008				C			H25	H25			H25									124;5					1435;13	838;15		
H10. Egg																													
F20C0	H-10-001			13187				H8	H8			H8	**7549**	66	2346	4002	1135	1_3724	H8	H008	123;2	210;8	164;28	2;25 6;20	H;1800		838;10		
F20C1	H-10-002				F																	210;10							
F20C2	H-10-003																					210;12							
F20C3	H-10-004							H33	H33			H33																	
F20C4	H-10-005				E			H34	H34			H34														1435;14	839;2		
F20C5	H-10-006				C			H46	H46			H46	**1**			1					125;3		164;31	6;21	H;1900				
H11. Bird part; varia																													
F20D0	H-11-001							H36	H36			H36																	
F20D1	H-11-002							H37	H37			H37																	
F20D2	H-11-003				B			H38	H38			H38	**23**			23													
F20D3	H-11-004				F			H39	H39			H39	**1**			1													
F20D4	H-11-005							H40	H40			H40																	
F20D5	H-11-006				C			H42	H42			H42	**6**			6		1_3708											
F20D6	H-11-007							H24	H24			H24																	
I.X. Reptiles; amphibians																													
I01. Lezard																													
F20E0	I-01-001			13188				I1	I1			I1	**898**	4	251	478	165	1_33	I1	I001	126;1	211;1	165;34	7;5	I;0100		839;3		
F20E1	I-01-002				B			I28	I28			I28	**2**			1	1	1_55			129;5	211;2	165;22	2;48 7;5a					
F20E2	I-01-003							I1A																	I;0200				
I02. Turtle																													
F20F0	I-02-001			13189				I2	I2			I2	**17**			17		1_40	I2	I002	126;2	211;3	165;35	7;6	I;0300		839;4		
F20F1	I-02-002				D			ES168		ES168										I002A									
I03. Crocodile																													
F2100	I-03-001			1318A				I3	I3			I3	**453**		138	307	8	1_49	I3	I003	126;3	211;4	165;23	7;7	I;0400		839;5		
F2101	I-03-002				C			I3N										1_51											
F2102	I-03-003			1318D				I5A	I5A			I5A	**110**	2	57	51		1_42	I5*	I005A					I;0700		839;8		
F2135	I-03-004							I5D																					
F2103	I-03-005				C			I5C										1_7053		I005C									
F2104	I-03-006							I18B	I18B			I18B																	
F2105	I-03-007							I18A	I18A			I18A																	

Index	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhon	VP Val	Weight	Vote	Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP
F20A0	73	12	2	6	1	57	H;129	*ni;niꜣ;nwḥ;nbt;r;rmn;ḥn;grḥ*	15			Y							
F20A1							H;131		2										
F20A2							H;133	*mḥ;rwi;rmn;sp;ḳḥ;dhn*	2										
F20A3							H;139	*šꜣ;šꜣt;štꜣ*	12										
F20A4	1	1							5	N	cf. H007	N?		Distincition based on the number of visible toes in the claw. (2 at the front vs 1). However, I am not certain if it is of any use for Unicode.					
F20A5							H;141	*n*	3										
F20A6						2	H;143		5					from the biography of Sirenpowet I (elephantine), of which there are no published images (to my current knowledge). I am a bit doubtful about reading this sign there.					
F20A7	6					1			5			Y	DIFF	All PT examples are wings, rather than schematic claws. (PT examples should be read as H5). In Dendera X, 151,13, the sign is a bit different (see pl 75 (bandeau paroi est). Same form as occurred in Edfu VII, 82,5-7, photo 256 (is this the actual form of the sign, i.e, under a different angle, and more like D50A?)					
F20C0	8574	494	282	278	301	3119	H;149	*im;imi;imy;inr;ir;ws;pꜥt;mꜣ;n;r;ḥ;s;sꜣ;swḥt;š;k;gb*	20										
F20C1							H;153	*ir;sꜣ*	2										
F20C2							H;147		2										
F20C3																			
F20C4							G;866	*im*	3										
F20C5	1						H;155	*sꜣ*	7										
F20D0																			
F20D1																			
F20D2									1			Y/MUTIL							
F20D3									1			Y/MUTIL	DIFF	Occurs in CT I,99,c (L2Li (among other locations in spell 30), but as this is based on a transcription, I cannot verify this with any degree of certainty.					
F20D4																			
F20D5									2			Y/MUTIL							
F20D6																			
F20E0	170	20	5	8	13	60	I;9	*ꜥš;ꜥšꜣ;msdmt;ḥntꜣsw;šꜣ;dm;dmy*	20										
F20E1	56	1	4			1	I;11	*imn;n;nḥb-kꜣw*	12			Y							
F20E2																			
F20F0		1				4	I;13	*mnḥ;š;štw*	13										
F20F1		3							2										
F2100	7	142		15	10	8	I;15	*ꜣt;ꜣd;iḳ;it;ꜥ;ꜥf;w;m;mꜥk;mꜥg;ms;msḥ;n;nb;nṯr;r;rk;ḥ;ḥnḥ;ḫnty;ḫ;sꜣ-wr;swy;sbk;š;šm;k;t*	18										
F2101									1										
F2102				1					9										
F2135																			
F2103									2										
F2104																			
F2105																			

Index	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F20A0	Y/i	KIU 3601, line 5	Y (in core)		Y				The leg of a bird, as if drawn towards the body.	phonemogram r.					
F20A1			N (manual)	N	N						Duplicate of F20A0 (H31).				
F20A2			N (manual)	N	N						Meaningless variant of F20A0 (H31).				
F20A3	Y/i	TSL	Y (v5.2)		Y				The claw of a bird, with two frontal digits visible.	Classifier claw (iAf.t)					
F20A4	Y/i	TSL	N (manual)	N	N				The claw of a bird, with one frontal digit visible.	Classifier claw (agA).	Meaningless variant of F20A3 (H7).				
F20A5			N (auto)		N						Valeurs token (Edfu V, p. 146,11) could not be verified with an image. Seems to be an error for D35.				
F20A6			Y (>=D,JSeh/HG)		N						TLA tokens could not be verified with an image, and Kurth misread this sign for R5.				
F20A7	Y/i	Dendera X, 151,13, pl. 75, bandeau paroi est.	Y (in core)		Y				The schematic representation of the claw of a bird.	Logogram an.t (claw, talon).	Redraw to resemble a claw form variant of D50A, i.e., 90° rotation, and shorten the rectangular section. However, one could argue to read this simply as D50A instead.		bird claw, redrawn in place		
F20C0	Y/i	TSL	Y (v5.2)		Y				An egg.	Logogram sA (son).					
F20C1			N (manual)	N	N						Meaningless variant of F20C0 (H8).				
F20C2			N (manual)	N	N						Tiny form of F20C0 (H8).				
F20C3			N (manual)	N	N						No support, and too similar to V30.				
F20C4	Y/i	Ranke, 1934, Mélanges Maspero I: Orient ancien 1, p. 362.	Y (in core)		Y				A duckling, with open beak, outstretched wings on either side of the body, and the legs drawn towards the body (G47), inside an egg (H8).	Logogram im.yw-swH.t (one who is within an egg).	Technically an insertion, but I think it is better to do this one atomically.				
F20C5	Y/i	Dendera XI, 40,3, pl. 29, second image, krand.	Y (in core)		Y				An egg (H8), on top of a standard used for carrying religious symbols	Logogram dwAw (Duau (divinity)).			part		
F20D0			N (auto)		N						No source given.				
F20D1			N (auto)		N						No source given.				
F20D2	Y/i	Rio de Janeiro 644, RdE 3, p. 91-97, pl. IV, line 1, 4, 5, 6, 7.	Y (in core)		Y				The head and upper body of an owl.	Phonemogram m.					
F20D3	Y/t	CT I, 99,c (L2Li)	Y (in core)		Y				The head and upper body of a quail chick (Coturnix coturnix).	Phonemogram w.	Currently transcription only.			Yes	
F20D4	Y/t	CT I, 91,d (L2Li)	Y (in core)		Y				The head and upper body of an Egyptian vulture (Neophron percnopterus).	Phonemogram A.	Currently transcription only.			Yes	
F20D5	Y/i	Rio de Janeiro, 644, line 2 (xnt.y jmn.tyw sA gbb)	Y (in core)		Y				The head and upper body of a greater white-fronted goose (Anser albifrons).	Phonemogram gb.	Could be a duck as well.				
F20D6			N (auto)		N						No source given.		why H???		
F20E0	Y/i	TSL	Y (v5.2)		Y				A lizard or gecko.	Phonemogram aSA.					
F20E1	Y/i	TSL	Y (in core)		Y				A snake with human arms, extended at the sides, with the forearms angling	Logogram nHb-kA.w (Nehebkau (divinity)).					
F20E2	Y/i	Eggebrecht (Hg.), Das Alte Reich. Ägypten im Zeitalter der Pyramiden, Hildesheim 1986, 43 (Hildesheim Inv. 2970, Giza, Kultkammer des Uhemka.	Y (in core)		Y				A hardun lizard (laudakia stellio), seen from the side.	Classifier hardun lizard (Dnf).	Found and verified by Peter Dils. Function based on H&S and Hannig.			Additional row	
F20F0	Y/i	TSL	Y (v5.2)		Y				A freshwater turtle.	Classifier turtle (Stw).					
F20F1	Y/i	Esna VII 621, p. 198, nr. 18	Y (in core)		Y				A freshwater turtle, with a knife with a triangular blade and straight handle (T30A) at either leg, blade inwards.	Classifier evil (DwDw).	tokens it is unclear if the sign has legs or not, images of the tokens made available to me by Peter Dils.				
F2100	Y/i	TSL	Y (v5.2)		Y				A Nile crocodile (Crocodylus niloticus).	Classifier agression (Ad).					
F2101	Y/i	TSL	N (manual)	N	N				Nine Nile crocodiles (Crocodylus niloticus), arranged 3 by 3.	Logogram psD.t (Ennead).	Although it exists with a separate meaning, I would suggest for Unicode to simply make the sign by writing F2100 (I3) 9 times. (read 9 times nTr, i.e., the		The Ennead (9 crocodiles)	No/No.	
F2102	Y/i	TSL	Y (v5.2)		Y				A cult image of a crocodile.	Classifier Sobek (sbk).					
F2135	Y/i	Cairo CG 28023, (T1C), tomb, west wall, col. 225 (CT 8,242,207b).	Y (in core)		Y				A cult image of a crocodile (I5A), on top of a wickerwork basket (V30).	Classifier Nun (niw).	Found and verified by Tobias Konrad, AKU project.				Additional row.
F2103	Y/i	TSL	Y (in core)		Y				A cult image of a crocodile, wearing a headdress consisting of two feathers, connected back to back (H41) on its head.	Logogram sbk (Sobek (divinity)).			Sobek		
F2104			N (auto)		N						No source given.				
F2105			N (auto)		N						No source given.				

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F2106	I-03-008				C			I141										1_44																			ik	1
F2107	I-03-009				C			I3A	I3A			I3A	5		2	3					126;4	211;6	165;26	7;14		t;090D				1					3	I;23		10
F2131	I-03-010				C			E5111		E5111										I018D										5							2
F210B	I-03-011																					211;7													I;27		2
F2109	I-03-012							I106B																7;13														1
F210A	I-03-013							I106C																7;14														1
F2136	I-03-014							I106D																														
F210B	I-03-015				C			I106	I106			I106						1_7037			133;2		165;27							1							4
F210C	I-03-016				C			I106A	I106A			I106A	3		2	1	1_7038				133;2									3							5
F210D	I-03-017			13218				NU6			NU6	NU6							NnU6	NU006																	2
F210E	I-03-018							I3I	I3I			I3I									127;3	211;8														I;31		3
F210F	I-03-019				C			I3C	I3C			I3C	3			3					126;6	211;9								6						I;35		5
F2110	I-03-020																					212;1													I;33		2
F2111	I-03-021				C			I3B	I3B			I3B	1			1		1_6822			126;5	211;10								4						I;46		6
F2112	I-03-022				C			I3G	I3G			I3G	1			1		1_7009												1						I;65		4
F2113	I-03-023							I3M	I3M			I3M																										
F2114	I-03-024							I3O														211;11													I;51		2
F2115	I-03-025				E			I3K	I3K			I3K	1			1																				I;50		2
F2116	I-03-026				F			I3F	I3F			I3F												127;1						1								2
F2117	I-03-027				F			I3H	I3H			I3h	1			1								127;2						1								3
F2118	I-03-028																							211;12												I;59		2
F2119	I-03-029																							212;2												I;61		2

Vots	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
		Y							
		Y/WE APON?							
		N							
	but with same tail posture as in I005; cf I3B-I3L variants, all equally rarely attested; cf. I5B	?/WAE PON	DIFF	For the purpose of Unicode, it might be worthwhile to limit the number down to 1 croc with weapons.					
				Additionally attested in Edfu VIII,164,12, Edfu XIV, pl. DCLXXVII, (lower bandeau), but the animal is basically lost, however, there are traces of the harpoon on the head					
	TSL not clear	Y?		TSL token is clear enough for me, but has one problem, that the U46A above it might be intentionally touching the I3G as well, to create variant with a knife in the head and a knife in the back					
	TSL not clear	Y?							

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhon	VP Val	Weight
																																					mᶜḥwᶜfgt	
F211A	I-03-030				F		I3P												I003P		212;3														I;63		3
																																				mᶜḥwᶜfg	
F211B	I-03-031				E		I3D	I3D			I3D										126;7	212;4													I;49		3
F211C	I-03-032				C		I3E	I3E			I3E						1_43																		I;1	*mdt*	1
F211D	I-03-033				C		I3J	I3J			I3J						1_6830				127;4														I;47		3
																																				n;sptr;ḥᵗ;r⸮ỉ;swḏ	
F211E	I-03-034				F																	212;5													I;17		2
F211F	I-03-035																					212;6													I;19		2
F2120	I-03-036																					212;7													I;55		2
																																				ḫpr.ḥ;ỉp	
F2121	I-03-037				E		I3L	I3L			I3L	1				1																			I;56		2
																																				ḥ;wḫ;ḥᵗ;ḫ;wnw;r⸮ỉ;ỉ;ỉ;ỉ;ỉ;ỉ;ỉ;ỉ;ỉ;ỉ	
F2122	I-03-038			1318C			I5	I5			I5	**138**		18	116	4	1_50	I5	I005		127;5	212;8	165;25	7;9		I;0800		839;7			10	1		4	I;21		16
F2123	I-03-039				F		I18	I18			I18	1				1																			I;57		1
F2124	I-03-040						I17	I17			I17																									I;45		
F2125	I-03-041				C		I5B	I5B			I5B	1				1			1_7003			127;5	212;9								2					I;57	*nbk*	6
F2126	I-03-042				C		I4A	I4A			I4A						1_46_02					212;10													I;45		3
F2127	I-03-043			1318B			I4	I4			I4	**33**		7	23	3	1_46_00	I4	I004				165;24	7;12		I;0600		839;6						2				11
F2128	I-03-044				C		I4B										1_46_01		I004B																			2
F2129	I-03-045				C		I4C										1_47		I004C																			2
F2134	I-03-046				F		E5231		E5231										I018E												1					*ỉnṯy*	2
F212A	I-03-047				C		I18C	I18C			I18C	1				1	1_48						165;28	7;10		I;0901						1				I;29		7
F2132	I-03-048				F		E5116		E5116																						1							1
F2133	I-03-049				F		E5144		E5144										I018F												1							2
F212B	I-03-050						I98	I98			I98																										*w*	
F212C	I-03-051				F		I133	I133			I133													7;11												I;37		2
F2130	I-03-052				F		E5078		E5078										I018G		I018F										1							3
F212F	I-03-053				F		E5043		E5043										I018H												1							2

Vots	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
		Y							
	TSL: weapon leans the other direction	Y/WE APON		Harpoon can lean in both directions, based on whatever is above it. I don't consider the exact direction or angle of the harpoon significant for Unicode or TSL.					
n				I think the TLA source is rather I38, see Edfu VII, 77,14, photo 0092					

Index	Catalog	Glyph	G-2021	UCS	Priority	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhon	Weight
																																				xbkwt	
F212D	I-03-054				E		I134	I134			I134											165;29													I;39	2
																																			ḫnmw	
F212E	I-03-055				C		I135	I135			I135							1_41				165;30	7;15												I;66	4
I04. Crocodile parts																																				
F2140	I-04-001				B		I19	I19			I19	**7**			3	4	1_52				128;6	212;1	165;31	7;16	P;1800					2					F;15	10
F2141	I-04-002				F																	212;12													F;13	2
F2142	I-04-003						I19A	I19A			I19A											212;13													F;17	2
																																			ḫ;ḫm	
F2143	I-04-004				F		I6F															212;14													I;71	9
																																			ḫm;ḫmt	
F2144	I-04-005				B		I20	I20			I20	**11**			10	1						212;1	165;33	13;110							1				O;1751	7
																																			ḫmt	
F2145	I-04-006				F		I137	I137			I137																								O;1753	1
F2146	I-04-007				F																	213;1													I;73	2
F2147	I-04-008			1318E	B		I6F				I6	**749**	4	231	358	156	1_39_00	I6	I006	127;6		165;32	7;17	I;1400		839;9			4	2			20			15
F2151	I-04-009				B		I6	I6													127;6		165;32							4	2			20			5
F2148	I-04-010						I6E															213;2													I;75	2
F2149	I-04-011				F																	213;3													I;77	2
F214A	I-04-012				A		I6D	I6D			I6D	**2**			2		1_39_04			127;6	213;4								86	4	3	2			I;79	9
F214B	I-04-013				B		I6A	I6A			I6A	**59**	52		7		1_39_01					213;6				1435;15									I;67	6
F214C	I-04-014																					213;8														1
																																			ḫmt	
F2A39	I-04-015				C		N28C	N28C			N28C	**1**			1							275;7		7;18							1				6	N;157	6
F214D	I-04-016				B		I6B	I6B			I6B						1_39_02					213;9									3	5			5		5
F214E	I-04-017																					213;10														I;67	2
																																			ḫm	
F214F	I-04-018			1318F	B		I7	I7			I7	**37**			26	11	1_54	I7	I007	127;7	213;1	165;36	7;2	I;1500		839;10			47	9	13	9	4	56	I;3	18
F2161	I-05-002				C		I21	I21			I21											213;15		7;3							4					I;5	4
F2162	I-05-003				C		I21A										1_53		I021A																		2
F2163	I-05-004			13190			I8	I8			I8	**180**	5	70	41	64	1_56	I8	I008			214;1	165;37	7;1	I;1600		839;10			1						I;1	14
F2164	I-05-005				C		I8A	I8A			I8A	**3**				3									I;1601										2		3
I06. Viper																																				
F2170	I-06-001				A		I9A	I9A			I9A	**40**	7		29	4	1_63		I009D	127;9	214;2	165;19	8;2	I;1801				I0098	52		2	2	9	24	I;1	17
F2171	I-06-002						I10B	I10B			I10B																									*f*	
																																			f-w;r-ḫ;ḏ	
F2172	I-06-003				F																	214;3													I;3	2
																																			ḥ	
F2173	I-06-004				B		I25C	I25C			I25A	**17**			16	1	1_58_02		I025A			214;4													I;17	7
F2174	I-06-005				A		I25A	I25A			I25C	**3**			3		1_58_00		I025C	129;3	214;5	165;21	8;4						175	2	1	4	2	2	I;19	14
F2175	I-06-006				A		I24A	I24A			I24A	**188**			173	15	1_57_01			129;2	214;6	165;20	8;5						492	35	9	13	3	74	I;15	14

Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP
			Although not attested with photo, it is a group of ISA and UT in an oval (compound sign), but if it can be rendered in this form, I can live with its exclusion.					
basic sign in list?	N							
monogram , hosting sign resized	Y							
shape o.k.?			Grapheme should look a lot more like Gardiner/Jaeh (the spines are horizontal only, based on Karnak examples.					
			TLA form occurs with many more stokes (see Osing & Rosati, Tebtynis (1998), pl. 20a-b, left column (x+5), line 18. (I would probably transcribe it as N28A myself).					
no token in TSL yet	N		No idea why I added this one already.					

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sta | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG mirrored form of F217S (I24A). Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikar	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
F21A5	I-07-021				F			E5027		E5027											I15D									1							2
																																			kwn	
F21A3	I-07-022				F			I115	I115			I115																							*i;11*	1
I08. Snake wrt hk.w																																				
																																			w:wr hkAw.fCx1 t1	
F21B0	I-08-001				C			I27	I27			I27						1_61			129:4	215;9	165;21	8;60						2						*i;547*	7
I09. Cobra type 1 (I10)																																				
																																			w:ikA;f:r:x:t:g:d:d;t;kA	
F21C0	I-09-001		13193					I10	I10			I10	**22290**	3867	5976	9307	3140	1_38	I10	I010	128;1	215;1	165;7	8;8	I;2000		839;13			72	350	3	3	321	1059	*i;125*	20
																																			dt	
F21C1	I-09-002				F																	215;12													*i;127*	2
F21C2	I-09-003							I10A	I10A			I10A										157;9													*i;565*	2
F21C3	I-09-004				C			I10B	I10B			I10B	**5**			5																					N	Y	DIFF	Beleg 1-2 (Giza XI, pl. VII,c, inner door jambs), is actually I121, without the feather (add as class I121, Giza XI, p. 69-73). The EdEu examples use I124 instead.																		

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequ nce | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vois | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F220E	I-10-003				F			E5025		E5025										I040H										1							2
F2202	I-10-004				F			I40F	I40F		I40F	1				1						217;7															3
F2203	I-10-005							I40A	I40A		I40A											217;9															2
F2204	I-10-006				F			I40B	I40B		I40B												8;32							1							2
F2205	I-10-007							I40G	I40G		I40G											217;10															2
F2206	I-10-008				C			I40C	I40C		I40C							1_74_01			129;9	217;1	165;15	8;32						19							7
F2207	I-10-009				D			I40D	I40D		I40D											217;12									3							3
F2208	I-10-010																					217;13															2
F2209	I-10-011				F																	217;14															2
F220A	I-10-012							I40E	I40E		I40E																											
F220B	I-10-013					S																218;1															2
F220C	I-10-014				B			I41	I41		I41	1				1					129;1	218;2	165;16							16							6
F220D	I-10-015				F			I41A	I41A		I41A																										1
I11. Cobra type 3 (I64)																																					
F2220	I-11-001				A			I64	I64		I64	**724**	7	5	584	128	1_37			130;9	218;3	164;40	1;48c 8;33	t;					I8000	1670	105	84	48	52	406		18
F2221	I-11-002				F			I111	I111		I111																										1
F2222	I-11-003				B			I13A	I13A		I13A	1				1							8;51				840;2			20		4	8			4
F2223	I-11-004																					218;5															2
F2224	I-11-005							I42	I42		I42											218;6															2
F2225	I-11-006				B			I43	I43		I43	**7**			6	1				130;1	218;7	164;43	8;34	!;2500					50	16				15		11
F2226	I-11-007				C			I43A		I43A										I043A									3			4				3
F2227	I-11-008				B			I44	I44		I44	**19**	1	1	16	1					218;8	164;42								2					7		9
F222B	I-11-009				A		20	I45	I45		I45	**6**			6					130;2	218;9		8;54						113	1	2						5
F2229	I-11-010				F			I97	I97		I97																							1			1
F222A	I-11-011				C			I46	I46		I46							1_77				218;10		8;56													4
F222B	I-11-012				D			I47	I47		I47	**1**			1						218;11		8;36														4
F222C	I-11-013				C			I47A	I47A		I47A	**3**				3																			1		2
F222D	I-11-014							I48	I48		I48											218;12															2

Comment DW	Vote DW Core (2021)	DW differentiality	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiality	Comment SP
	Y							
			In TLA source, Edfu VII, 59,4, photo (wall) 299, there is no vessel between the snakes, so this could be represented by I40C mirrored.					
	Y							
			photo 78) is not clear enough to see what coil type is there. However, I am quite certain this exists, even though I do not have a clear example yet.					
	Y							
			PT variant is already in the TSL (TSL_1_7054), different type of coiled tail (I12).					
	Y							
	Y							
	Y							
			Now lost in P. Turin (BotD), chapter 130, col 3, but Lepsius did transcribed a simple I64.					
	Y	DIFF	in my opponion there is nothing on the head of the cobra in all three Karnak examples.					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
								A cobra in repose (Naja haje), with a forwards downwards line of liquid coming from the mouth, which ends in a vessel.						
Y/I	Esna VII 566,11, p. 52,7	Y (in core)		Y				A cobra in repose (Naja haje), with its tail curved forward below the body, with a vessel in front of the tip of	Logogram qr.t (cavern).	Verified by Peter Dils.				
Y/I	KIU 4227, line 1	Y (in core)		Y					Logogram qr.t (cavern).					
		N (auto)		N						No sources given.				
										XI, p. 69,13, pl. 77, bandeau) are a construct to form F220B with O38 instead of N44. Only Kurth tokens that are this sign are used as constructs to form (for example) F2207 (I40D) as well. No solo use.				
		N (auto)		N										
		N (auto)		N						No sources given.				
								A cobra in repose (Naja haje), tail facing forward, with a forwards, downwards line of liquid issuing from the mouth, on top of the right side of the sky (N44).						
Y/I	TSL	Y (in core)		Y					Logogram qr.t (cavern).					
								A cobra in repose (Naja haje), tail facing forward, with a forwards, downwards line of liquid issuing from the mouth, on top of the left side of the sky (N44-mirror).		Used in the dual (facing each other). Difficult to see the splitting, but the corner is in the front. I could not verify Edfu IV, p. 3.5 with an image.				
Y/I	Dendera X, p. 372,5, pl. 233 (col. 209)	Y (in core)		Y					Logogram qr.t (cavern).					
		N (manual)	N	N						Practically a duplicate of F220B (I40C).				
										incorrect transcription from WB V, 58 for F220B (I40C), as all singns in WB are spitting.				
		N (manual)	N	N										
		N (auto)		N						No sources given.				
								A cobra in repose (Naja haje), tail facing forward, with a forwards, downwards line of liquid issuing from the mouth, on top of the right side of the sky (N44), facing its mirror, with the two lines of liquid ending in a vessel which sits between the two signs.						
Y/I	Dendera XI, p. 68,5, pl. 55 (top image, bandeau).	N (manual)	N	N					Logogram qr.ty (the two holes, the two caverns.	Not required to be atomic, as it can be achieved with two F220B (I40C) signs (one mirrored) as well, as functually it is simply a double of qr.t (cavern).			No/No.	
								A cobra in repose (Naja haje), tail facing forward, with a forwards, downwards line of liquid issuing from the mouth, on top of the right side of the sky (N44), facing its mirror, with the two lines of liquid ending in a vessel which sits between the two signs.						
Y/I	Dendera XI, p. 160,2, pl. 116	Y (in core)		Y					Logogram qr.ty (the two holes, the two caverns.	Often misused for F220B (Current token has a vessel).				
										Brugsch Thesaurus I, p. 108, but I am not certain where in Dendera this text occurs. However, I am rather certain that this is simply a handwritten form of what probabaly should be read as F220C (I41).				
		N (auto)		N										
								A cobra (Naja haje), standing up, with expanded hood (Uraeus).						
Y/I	TSL	Y (in core)		Y					Classifier female divinity.					
		N (manual)	N	N						Overlay. Valeurs token is F2253 (I132).				
								A cobra (Naja haje), standing up, with expanded hood (Uraeus) (I64), on top of a wickerwork basket (V30).						
Y/I	Dendera Porte d'Hathor, p. 31,8, p. 100 (brand).	Y (in core)		Y					Logogram nb.t (lady (in nb.ty)).					
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
								A cobra (Naja haje), standing up, with expanded hood (Uraeus) (I64), with a forward, downwards dotted line coming from						
Y/I	Dendera XI, p. 16,8, pl. 16 (col. Behind first figure from right).	Y (in core)		Y					Logogram nsr.t (fire, flame).					
								A cobra (Naja haje), standing up, with expanded hood (Uraeus) (I64), with three forward, downwards lines coming from the mouth.						
Y/I	Dendera Porte d'Horus, p. 7,14, p. 88.	Y (in core)		Y					Logogram nsr.t (fire, flame).					
Y/I	Edfu VIII, 81,6, Bartels photo 0094 (first column behind Hathor-Isis).	Y (in core)		Y				Two cobras (Naja haje), standing up, with expanded hood (Uraeus) (I64), overlapping each other.	Classifier the two Udjat eyes (wDA.ty).					
								Three cobras (Naja haje), standing up, with expanded hood (Uraeus) (I64), overlapping each other.						
Y/I	Dendera, Porte d'Hathor p. 33,14, p. 101 (bandeau).	Y (in core)		Y					Logogram nTr.wt (goddesses).	TSL token is a coiled tail variant, based on F2251 (I12).				
		N (auto)		N						No sources given. I have no acces to Athribis I2,17.				
								Nine cobras (Naja haje), standing up, with expanded hood (Uraeus), in a row, with overlapping bodies.						
Y/I	TSL (Edfu IV, p. 11,8).	Y (in core)		Y					Classifier Ennead (psD.t).	Verified by Peter Dils.				
										rener so zuneer, Schrift, p. 26, which does not give a location for this sign (if it would not be better to read F223C (I47A) for that sign.				
		Y (=O_ISeh/I6G)		N										
		Y (=O_ISeh/I6G)		N						Not supported.				
		N (auto)		N						No sources given.				

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikee	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
																																					ahoy	
F2244	I-11-036				C			I60A									1_7048																				L479		2
F2245	I-11-037				F			I138		I138																				1								1
F2246	I-11-038				B			I103	I103			I103									132;8		164;36							16								3
F2247	I-11-039				E			I61	I61			I61	2			2						219;12														L405		3
F2248	I-11-040				F			DE140		DE140																				1								1
																																				ht hr	
F2249	I-11-041				F																	219;14														L401		2
																																				wb;wht twnt	
F224A	I-11-042				A			I62	I62			I62	2			2					130;8	219;1	164;46	8;40		t;2350				526		8	11		1	L403		11
F224B	I-11-043				E			I62A		I62A										I062A										2								2
F224C	I-11-044							I91	I91			I91																										
F224D	I-11-045				B			I63	I63			I63	1			1						220;1	164;48							9					17	L425		6
F224E	I-11-046				F			DE144		DE144																				1								1
F224F	I-11-047																					220;2														L427		2
F2250	I-11-048																					220;3														L351		2
F2251	I-11-049			13197				I12	I12			I12	1920	36	1086	761	37	1_6835	I12	I012	128;2	220;4	164;40	8;33	8;37a	t;2200		839;15		5			1		14	L361		17
F2282	I-11-050				F			ES077		ES077										I012B										1								2
F2252	I-11-051				C			I12A									1_7054			I012A																		2
F2253	I-11-052					S		I132	I132			I132												8;46		t;2201		840;1		59					5	L433	^{r}I$_{r}^{r}_{r}$^{r}I$_{r}$^{r}I$_{r}$	13
F2254	I-11-053			13198				I13	I13			I13	152	117	2	21	12	1_80	I13	I013																		13
F2255	I-11-054				B			I65	I65			I65	24				24					220;6														L453		3
F2256	I-11-055				F			I66	I66			I66	1				1					220;8														L423		3
F2257	I-11-056				F			I129	I129			I129	1				1																					1

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
								A cobra (naja naja), standing up, with expanded hood (Uraeus) (I64), wearing the white crown (S1), on top of a wickerwork basket (V30); in front of a cobra (Naja haja), standing up, with expanded hood (Uraeus) (I64), wearing the red crown (S2), on top of a wickerwork			
Y/I	TSL	N (manual)	N	N					Logogram nb.ty (the two ladies (i.e. Nekhbet and Wadjet).	Sequence. Might be wiser to only include F223D and F224I instead, although one could argue for this group, as it has functions not covered by the single entries.	
		N (auto)		N						pome a naja, p. 2xx,v, pl. 4j, left column) cannot really be recognised (image is too small).	
										redrawn as F229E.	
Y/I	Dendera X, 154,14, pl. 75, col. 16	N (manual)	N	N		F229E		A snake with a coiled tail, consisting of two coils (I14), wearing the red crown (S3).	Phonemogram n and logogram bA (soul).	(Redraw sign to a form without the deployed hood, see the sign in Kurth. After redraw, move sign to category I13.	redrawn as F229E
		N (auto)		N						Not supported.	
		N (auto)		N						an-u token (Lemonera XIV, p. 38,4) could not be verified with an image.	
		N (manual)	N	N						(sic). based on the function Ha.t-Hr, it is clear Valeurs saw the horns and sun, instead of the N52 moon disk on the head.	
Y/I	Dendera, Porte d'Hathor, p. 31, 11, p. 119, left image, top register.	Y (in core)		Y				A cobra (naja naja), standing up, with expanded hood (Uraeus) (I64), wearing a headdress consisting of a sun-disk between the horns of a bovid	Logogram Ha.t-Hr (Hathor).		
Y/I	Dendera XII, p. 322,3, Commentaire pl. LIII.	Y (in core)		Y				A cobra (naja naja), standing up, with expanded hood (Uraeus) (I64), wearing a headdress consisting of a sun-disk between the horns of a bovid (F302), on top of a standard used for the carrying of religious symbols with the vertical stick at the far side	Logogram nTr.t (goddess).	Difficult to make out in my image, but there.	
		N (auto)		N						No sources given.	
Y/I	Athribitis IV, L1, 107, (x+7), pl. 121.	Y (in core)		Y				A cobra (naja naja), standing up, with expanded hood (Uraeus) (I64), wearing a headdress consisting of two	Logogram mn.wtt (Renenoutet).	Function is a guess (might be try.t or something as well).	
										JH-D token (Dendera XIV, p. 45,7, commentaire pl. XX) is damaged, and not clearly enough visible in my image, but based on the traces I can see, I find it more likely to be F224D (I63). Logogram rnnwtt (Renenutet, divinity) according to Cauville (o. 60-61).	
		N (auto)		N						no sources given.	
		N (manual)	N	N						Seems to be a duplicate of F224E.	
		N (auto)		N						No sources given.	
Y/I	TSL	Y (vS.2)		Y				A cobra (Naja haja), standing up, with expanded hood (Uraeus), with a coiled tail.	Classifier female divinity (nbw.t).		
Y/I	Esna VI 586,00, p. 104,13	Y (in core)		Y				A cobra (Naja haja), standing up, with expanded hood (Uraeus), with a coiled tail, resembling a sideways number 8.	Phonemogram/logogram mHn (to encircle with)	Function is a guess.	
Y/I	TSL	Y (in core)		Y				Two cobras (Naja haja), standing up, with expanded hood (Uraeus), with a coiled tail (I12), overlapping each other.	Classifier snake, uraeus (ar.ty).		
Y/I	Stone sarcophagus of Psusennes I, interior, short side. (Montet, Psousennes pl. XCI, top image).	N (manual)	N	N				A cobra (Naja haja), standing up, with expanded hood (Uraeus), with a coiled tail (I12), written over the udder and tail of an animal, seen from below (F32).	Phonemogram nb.t-Hw.t	Overlay. nb.t for the snake, Hf.t for the F32 (I think at least).	
Y/I	TSL	Y (vS.2)		Y				A cobra (Naja haja), standing up, with expanded hood (Uraeus), with a coiled tail (I12), upon a wickerwork basket (V30).	Classifier female divinity (wAD.t (Wadjet)).		
								A cobra (Naja haja), standing up, with expanded hood (Uraeus), with a coiled tail (I12), written over a sceptre with a straight shaft, a forked base, topped with the head of the Seth animal (S40), angling forwards, with a cartouche in a round form (V9) with the loop around the staff.			
Y/I	KIU 2241, line 6.	Y (in core)		Y					Logogram wAD.t (Wadjet (divinity)).	Usually connected to other signs, but for encoding purposes it is better to have this one separate.	
		N (auto)		N						Karnak token is not this sign, no other sources given.	
		N (auto)		N						tokens are this sign. KIU 2193, line 10 is the closest, but the tail is more like I64, and it is technically on top of a M13 variant.	

Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
									In ValPhon order reversed	No/No.	
									redrawn as F229E		

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikee	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F225B	I-11-057				B			I67	I67			I67										220;9								13						J;475		3
F2242	I-11-058				F			I59A		I59A											I059A								1								2
F2259	I-11-059																					220;10													J;481		2
F225A	I-11-060				C			I68	I68			I68										220;11								7						J;473		3
F225B	I-11-061				C			I68A									1_75				131;1		164;41														3
F225C	I-11-062				E			I69	I69			I69	1		1							220;12													1	J;407		4
F2281	I-11-063				F			E5227		E5227											I069A								1								2
F225D	I-11-064				B			I70	I70			I70	2			2						131;2	220;13		?;		840;10			1	1				9	J;363		9
F225E	I-11-065				F			I70A	I70A																											J;381		1
F225F	I-11-066							I70D	I70D			I70DJ																										
F2260	I-11-067				C			I70E									1_7039				I070E												6				3
F2261	I-11-068																					220;14													J;369		2
F2262	I-11-069				F			I70C	I70C			I70C										220;15													J;371		2
F2263	I-11-070							I70Ax				I70A									I070A	220;16													J;375		3
F2264	I-11-071				C		20	I70B	I70B												I070B	221;1				1435;19	840;11			5					J;383		6
F2265	I-11-072																					221;2													J;387		2
F2266	I-11-073				A			I71	I71			I71	14			14						131;3	221;3	165;6	8;31					126		5	5	17	J;365		10
F2267	I-11-074				F			I71A	I71A			I71A																							J;391		1
F2268	I-11-075																					221;4													J;377		2
F2269	I-11-076																					221;5													J;367		2
F226A	I-11-077							I72	I72			I72										221;6													J;379		2
F226B	I-11-078				C			I73	I73			I73	3			3						221;7				1436;1	840;12								J;353		5
F226C	I-11-079					S																221;8													J;447		2
F226D	I-11-080				E			I125	I125			I125	2			2						221;9													J;253		3
F226E	I-11-081				C			I74	I74			I74										221;10		8;37							3				J;355		4
F226F	I-11-082																					221;11													J;357		2
F2270	I-11-083				F			I128	I128			I128										221;12													J;359		2

Index	Comment DW	Vote DW Core (2021)	DW differentiy	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiy	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F225B																						related to I60A	No/No.	
F225C				TLA example, (Edfu VIII, 83,8, photo 0003) is I62.																				
F2281																								
F225D																								
F225E																								
F225F																						JSesh has same glyph for I70B and I70D		
F2260																								
F2261																								
F2262																								
F2263																								
F2264																						JSesh I70B error (looks like I70D)		
F2265																								
F2266		Y																						
F2267																						~~~		
F2268																								
F2269																								
F226A																								
F226B	check shape (number of coils)	Y	DIFF	I have no idea where these are attested.																				
F226C																								
F226D				Unny accessable token, v. Turin (BotD), chapter 64, col. 25, is a variant of I73 with one additional coil																				
F226E																								
F226F																								
F2270																								

Index	Catalog	Glyph	G-2021	UC5	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F2271	I-11-084			C			I75	I75			I75	S			5				221;13																		3
F2272	I-11-085			C			I76	I76			I76								131;4	221;5	165;1	8;59								2								6
F2273	I-11-086			A			I107	I107			I107								133;3	221;1	165;2									219		4	5				7
F2274	I-11-087			D			I107A	I107A			I107A																			2		1					2
F2275	I-11-088			C			I77	I77			I77	1				1			131;5	222;1	165;3	8;61								1		1					8
F2276	I-11-089																			222;2																	2
F2277	I-11-090						I131	I131			I131																											1
F2278	I-11-091			C			I78	I78			I78	1				1			131;6	222;3	165;4	8;57								1							7
F2279	I-11-092			D			I78A	I78A			I78A								131;7	222;4										1							4
F227A	I-11-093			D			I79A	I79A			I79A									222;5										3							3
F227B	I-11-094			C			I79	I79			I79								132;1	222;6	165;5	8;58								1							6
F227C	I-11-095			E			I139		I139										I139											1		1					3
F227D	I-11-096						I90	I90			I90												8;26															1
F2284	I-11-097						I90A																															
F227E	I-11-098			F			I104	I104			I104								132;9											1							2
F227F	I-11-099			F			DE227		DE227																					1							1
F2280	I-11-100			E		20	I130	I130			I130												8;56a															2
F2283	I-11-101			F			HOSI01												I152														1				2
I12. Cobra type 4 (IBD)																																					
F2290	I-12-001			A			I80	I80			I80	30				30		1_64_00	132;2	222;7	164;33	8;12a							I8001	118	16	8	5	7			13
F2291	I-12-002			C			I81	I81			I81							1_72	132;4	222;8	164;34	8;12												1				7
F2292	I-12-003						I82	I82			I82									222;9																		2
F2293	I-12-004			B			I80A	I80A			I80A	12				12		1_64_01	132;3	222;10										14	3		1	7			9
F2294	I-12-005			B			I80B		I80B										I80B											12	1		6				4

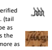
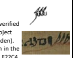
Comment DW	Vote DW Core (2021)	DW differentity	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentity	Comment SP
check shape of attestations	?	DIFF	BM EA 494, right side, line 5 (JEA 68, Davies, pl. VIII.1 and 4 uses a different sign (tail does not go forward) > Add to TSL as separate sign, or adjust this grapheme? Other attestations (UC Kahun), are the normal Hieratic uraeus (see attached image, Collier & Quirke (2004), UC 32116A-I (dwd), col x+7.)					
			Sign is damaged in Karnak, cannot be verified, the examples in Kurth and Cauville cannot be verified with certainty either (clearest example is Dendera VI, 141,15, pl. DLXX, and even there one cannot be certain it is I77 or I78					
			I currently cannot verify any token with an image (including Kurth and Cauville).					

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sis | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikr | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Seque nce	Siz	GID	HG	HGx	Dour	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL
F22C4	I-13-024							I86J										
F22D7	I-13-025							I86K										
F22C5	I-13-026				D		20	I86I		I86I								
F22C6	I-13-027				B		20	I86E	I86E			I86E	**6**			6		
F22C7	I-13-028				D		18	I86F	I86F			I86F	**1**			1		
F22C8	I-13-029				C		18	I86G	I86G			I86G	**7**		4	3		
F22C9	I-13-030				B			I86D	I86D			I86D	**10**		3	7		
F22CA	I-13-031				B			I14A	I14A			I14A	**11**	2	1	7	1	1_34_01
F22CB	I-13-032				D			I92	I92			I92						
F22CC	I-13-033				C		18	I15C	I15C			I15C						1_81_02
F22CD	I-13-034							I15A	I15A			I15A						
F22CE	I-13-035				F													
F22CF	I-13-036																	
F22D0	I-13-037				B		14	I86H	I86H			I86h	**14**			14		
F22D1	I-13-038				C			I87	I87			I87	**4**			4		
F22D2	I-13-039				C			I15D	I15D			I15D						1_81_03
F22D3	I-13-040				C			I15E	I15E			I15E						1_81_04
F22D4	I-13-041				C			I15F	I15F			I15F						1_81_05
I14. Snake head																		
F22E0	I-14-001				D			I93	I93			I93	**2**				2	
F22E1	I-14-002				E			I94	I94			I94						
F22E2	I-14-003							I93A	I93A			I93A						
F22E3	I-14-004							I93B			I93A							
I15. Snake; varia																		
F22F0	I-15-001							I109	I109			I109						

Index	Gardi	Uniker	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richn	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F22C4				224;9														J;271		2
F22D7																				
F22C5		I086I										3							ʿpp;wfi;nʿw;sbty;ḏt;ḏdft	2
F22C6			132;5	224;10		8;25						7	5					J;267		7
F22C7			132;5	224;11								1						J;269	w3mmty;ḫft	5
F22C8				224;1	164;38							1						J;273		6
F22C9				224;13														J;277	r;ḳ	4
F22CA						8;24						2	2	4			1	J;243	irt r	11
F22CB				225;1	164;37	12;84												N;705	ḳ	4
F22CC																	1	J;327		3
F22CD				224;15														J;331	iḫr;ʿḥm	2
F22CE				224;16														J;399		2
F22CF				225;2														J;283	ʿpp;ḏw-ḳd	2
F22D0				225;4												1		J;281	ḫrw	4
F22D1				225;3			I;2901											J;285	r;ḳ;k3	4
F22D2				224;14														J;333	ḥ;ḳ	3
F22D3																		J;335	ḳ	2
F22D4																		J;337		2
F22E0				225;5														J;561	ptḥ	3
F22E1							F;1801											J;559		2
F22E2																				
F22E3																				
F22F0			133;4			8;29														2

Index	Vote	Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP
F22C6			Y							
F22C7					Edfu VIII, 136,1, photo 0182, second column behind the king is a variant with knife in head and knife in second coil.					
F22C8	N	but without knife at tail?; cf. I86h	?	DIFF	All TLA tokens are variants, not this sign (P. Turin BotD, chapter 130, col 15 has a sign like I86E, without weapons. Munro ÄA 54, pl. 123-124, col 210 has a variant with knifes only at the head and first coil.					
F22C9		mirror shape?	Y	DIFF	Grapheme should be mirrored. Jsesh grapheme fits better than the current grapheme in my opinion					
F22CA		shape in font squezzed horizontally	Y		no token yet in TSL					
F22CC		no token in TSL yet	N							
F22D0	R	Without knife on head (for paradigmaticity with I86A)	Y	DIFF	I have no idea where this is attested.					
F22D1			?	DIFF	ASAE 39 sources cannot be seen with certainty, TT192 is actually TSL_1_7040, P. Turin BotD source is a different snake.					
F22D2	n	no token in TSL yet	N							
F22D3	n	no token in TSL yet	N							
F22D4	n	no token in TSL yet	N							
F22E0					Both instances from Karnak are to make a cow with a snake between the horns. (Kiu 4880 and 4881, need to request the images to verify and to add the new signs (class Hp (Apis)).					

Index	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F22C4	Y/i	pBrooklyn 47.218.138, Col. 5.15 (Goyon, Recueil de prophylaxie, 33 und Taf. V)	Y (in core)		Y				coiled tail, consisting of three coils, head downwards, with a knife with a triangular blade (T30A) written on each coil of the tail, at an forwards angle, blade down.	Classifier snake/enemy (bTw)	Located and verified by Peter Dils. (tail should not be as horizontal as the Valeurs form, more as the attached image (but preferably a bit longer).			Yes	
F22D7	Y/i	BM EA 10490 sheet 4 (book of Caverns of Nedjmet), col. 11, line 4.	Y (in core)		Y				coiled tail, consisting of three coils, head upward, with a knife with a triangular blade (T30A) written on each coil of the tail, at an forwards angle, blade down.	Classifier snake/enemy (aApp (Apophis)).	Located and verified by AKU project (Svenja Gülden). Make the sign in the same style as F22C4 .			Additional row	
F22C5	Y/i	Dendera XI, p. 180,12, pl. 130.	Y (in core)		Y				A snake with a coiled tail, consisting of three coils, head down.	Classifier snake/enemy (aApp (Apophis)).					
F22C6	Y/i	Edfu VII, 22,8-10, Bartels photo (wall) 436.	Y (in core)		Y				A snake with a coiled tail, consisting of three coils, head down, with a knife with a triangular blade and straight handle (T30A) written vertically on the head of the snake,	Classifier snake (Dw-qd).					
F22C7	Y/i	Dendera X, p. 418,4, pl. 273.	Y (in core)		Y				A snake with a coiled tail, consisting of three coils, head down, with a knife with a triangular blade and straight handle (T30A) written vertically on the head of the snake and the tip of the tail, blade towards	Classifier snake/enemy (aApp (Apophis)).	Cauville token (Dendera IV, p. 193-194) could not be verified with an image, beside not having this sign. I am not certain it is worthwhile adding all the snake with weapons variants into Unicode.			Yes	
F22C8			Y (>=D,JSeh/HG)		N						XIII, p. 39,11) could not be verified with an image. Only one of the valeur tokens could be verified with an image, (but Edfu VII, p. 18,9) does not have the horizontal knife (verified with image from Philipp Seyr).				
F22C9	Y/i	ASAE 39, pl. V and p. 78-79, line 22.	Y (in core)		Y				coiled tail, with three coils, head vertically down, with the tail towards the front, below the body after the third coil, head down, with a knife with a triangular blade and straight handle (T30A) written vertically on each coil, blade towards	Classifier snake/enemy (a(A)pp (Apophis)).	**Redrawn in place.** (Redraw to Jsesh form, and mirroring the initial appearance (i.e., orientated with head left).)		redrawn in place		
F22CA	Y/i	KIU 2190, line 9.	Y (in core)		Y				A snake with a coiled tail, consisting of four coils.	Classifier snake/divinity (km-A.t=f).					
F22CB			Y (>=D,JSeh/HG)		N						Kurth/Valeurs token (Daumas, Mammisis Dendera, p. 251,7) could not be verified with an image.				
F22CC			Y (>=D,JSeh/HG)		N						No token yet in TSL. Only in transcription, Esna III, 242,23, p. 115,3.				
F22CD			N (auto)		N						No sources given.				
F22CE			N (manual)	N	N						Duplicate of F227D (I90).				
F22CF			N (auto)		N						No sources given.				
F22D0			Y (>=D,JSeh/HG)		N						Cannot currently be verified. Valeurs tokens refer to different signs (in transcription, no verification with images).				
F22D1			Y (>=D,JSeh/HG)		N						Both Valeurs and H&S refer to WB II, 17 (mAa-xrw) for this grapheme, but I do not have the time to filter through 4000+ slips in the TLA to hope to find this token.				
F22D2			N (manual)	N	N						No token yet in TSL. (transcription only, Esna).				
F22D3			N (manual)	N	N						No token yet in TSL. (transcription only, Esna).				
F22D4			N (manual)	N	N						No token yet in TSL. (transcription only, Esna).				
F22E0			Y (>=D,JSeh/HG)		N						Only used as construct in Karnak, no other sources given.				
F22E1			N (auto)		N						Sign supposedly refers to ptH (to open), but I think that the tongue was a misinterpretation based on a Z7 written between ptH and (what I assume) was a form of F2140 (I19). (based on the TLA slips, as Brugsch himself referred back to the WB).				
F22E2			N (auto)		N						No sources given.				
F22E3			N (auto)		N						No sources given.				
F22F0	Y/i	Dendera VIII, p. 122,13.	Y (in core)		Y				Two cobras (Naja haja), standing up, with expanded hood (Uraeus), facing outwards, tails coiled together, with a child, seated on nothing, forelegs separated, right arm raised with hand to mouth, left arm hanging beside the body (A17) written between	Logogram mHy.t (the north wind).	Verified by Peter Dils. Redraw in place, with only two coils instead of three, and using cobra's with expanded hoods (see I64), instead on normal snakes. Cauville/Kurth token (Dendera VIII, p. 122,13) could not be verified with an image.			Redraw in place.	

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F22F1	I-15-002			E			I110	I110			I110										133;5		165;14	8;30														3
F22F2	I-15-003			E			I116	I116			I116														I;3700											I;9		2
KJG. Fishes and part of fishes																																					
K01. Fishes																																					
F230D	K-01-001		1319B				K1	K1			K1		**915**	1	300	581	33	1_3725	K1	K001		226;1	165;38	9;1	K;0200		840;15			1		2		1	25	K;27		17
F2301	K-01-002						K8	K8			K8																											
F2302	K-01-003						K9	K9			K9															1435;5												1
F2303	K-01-004		1319F				K5	K5			K5		**1334**		1063	242	29	1_3755	K5	K005	135;1	226;2	165;43	9;6	K;0100		841;1			11	1		1		3	K;3		17
F2304	K-01-005			F			K10	K10			K10											226;4														K;1		2
F2305	K-01-006		1319C				K2	K2			K2		**265**		40	222	3	1_3740	K2	K002	134;1	226;5	165;39	9;2	K;0300		840;16			14					19	K;5		15
F2306	K-01-007			E			K11	K11			K11		**1**			1						226;6			K;1000										K;7		4
F2307	K-01-008		131A1				K7	K7			K7		**2**			2		1_3758	K7	K007		226;7		9;7	K;0700		841;3									K;37		9
F2330	K-01-009			F			E5105		E5105											K040										1							2
F230B	K-01-010			E			K12	K12			K12											226;8			K;0900										K;23		3
F2309	K-01-011		131A2				K13	K13			K13							1_3731	K8	K008		226;9	165;44		K;0800	1435;6	841;4		K8000							K;25		10
F230A	K-01-012			F			K28															226;10														K;9		2
F230B	K-01-013			E			K28A														134;3	226;11														K;11		3
F230C	K-01-014			F			K31															226;12														K;39		2
F230D	K-01-015		1319D				K3	K3			K3		**210**		81	128	1	1_3751	K3	K003	134;2	226;1	165;40	9;3	K;0400		840;17			16	3	3	1		7	K;43		18
F2331	K-01-016						K3A																															
F230E	K-01-017			E			K30														135;3	226;14														K;15		3
F230F	K-01-018					S																227;1															1
F2310	K-01-019					S																227;2														K;41		2
F2311	K-01-020			B			K4C		K4C											K04C	134;1	227;3									39	1	4	2		K;17		8
F2312	K-01-021			F			K4E															227;4														N;709		2
F2313	K-01-022			E			K16	K16			K16											227;5		19;18							1							3
F2314	K-01-023			F			K28B															227;6														N;707		2
F2315	K-01-024			F			K28C													K028C		227;7														N;715		3
F2316	K-01-025			E			K27A	K27A			K27A																								1	N;711		2
F2317	K-01-026			F			K27	K27			K27													12;85													N;713		2
F2318	K-01-027			C			K15	K15			K15		**4**			4								12;85	K;1600	1436;8	841;6												6

Comment DW	Vote DW Core (2021)	DW differentiality	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiality	Comment SP
			No idea where this is attested.					

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG Technically an insertion, but probably have to be atomic to render correctly. I have no idea what the function is here, but I wonder if it might be ib-n (in ib-n-r), with b for the fish and n for the oval. | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikeı | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val ftpd | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhon	VP Val	Weight
F2371	L-01-020				F			L25														230;1																2
F2372	L-01-021							L15A												L015A		230;2																3
F2373	L-01-022				F			L29	L29			L29																		1								1
F2374	L-01-023				C			L32	L32			L32						1_11						10;4														2
F2375	L-01-024				C			L33	L33			L33						1_7						10;9	L;O400													4
L02. Bee; fly and wasp																																					
F2380	L-02-001				C			L3A	L3A			L3A						1_17_00				230;3					841;13											4
F2381	L-02-002			131A4				L2	L2			L2	**3545**	60	296	1324	1865	1_16	L2	L002	136;2	230;4	166;2	10;10	L;O500		841;11			272	11	15	3		68	L;41		19
F2382	L-02-003				C			L16	L16			L16						1_7002									841;18											2
F2383	L-02-004				F	S																230;5															2
F2384	L-02-005			131A5		S		L2A			L2A								L2*	L002A																	2
F2385	L-02-006							L3B			L3B							1_17_01	L3	L003					L;O600													4
F2386	L-02-007			131A6				L3	L3			L3												N			841;12											1
F2387	L-02-008							L30	L30			L30																											
L03. Grasshoper; Locus																																					
F23A0	L-03-001			131A7				L4	L4			L4	**9**	4		3	2	1_21_00	L4	L004	136;3	230;7	166;3	10;11	L;O700		841;14			3						L;47		14
F23A1	L-03-002				F																	230;8														L;49		2
F23A2	L-03-003				C			L28										1_21_01		L002B																		2
L04. Praying mantis																																					
F23B0	L-04-001				C			L17	L17			L17						1_6838				230;9			L;O800	1436;13	841;19									L;51		6
L05. Centipede																																					
F23C0	L-05-001			131A8				L5	L5			L5	**24**	18		6		1_22	L5	L005		230;10		10;12	L;1100		841;15									L;53		10
L06. Scorpion and water bug																																					
F23D0	L-06-001				B			L19	L19			L19	**16**		4	12		1_26			137;1	230;1	166;4	10;13	L;1700	1436;15	842;1	I262 v3	L800E	22	3	2	2		2	L;55		18
F23D1	L-06-002																					231;1														L;57		2
F23D2	L-06-003				B	S		L20	L20			L20	**4**			2	2	1_28			137;2	231;2	166;5	10;14						9	1					L;67		10
F23D3	L-06-004				D			L21	L21			L21									137;2	231;3								1						L;69		4
F23D4	L-06-005			131A8				L7	L7			L7	**33**	22		11		1_27	L7	L007	136;4	231;4			L;1600		841;17									L;59		10
F23D5	L-06-006				F																	231;5														L;61		2
F23D6	L-06-007							L23	L23			L23										231;6														L;63		2
F23D7	L-06-008				F	S		L35	L35			L35										231;7		10;15												L;65		3
F23D8	L-06-009				F																	231;8														L;71		2
F23D9	L-06-010				C			L28	L28			L28	**5**				5					231;10								2						L;73		4
F23DA	L-06-011				B			L25	L25			L25	**4**			4		1_30			137;3	231;11									4					L;75		6
F23DB	L-06-012							L26	L26			L26										231;12														L;115		2
F23DC	L-06-013				F			L22	L22			L22																		1								1
F23DD	L-06-014							L22A	L22A			L22A																										
F23DE	L-06-015				C			L24	L24			L24						1_29						N														1
F23DF	L-06-016							L27	L27			L27																										
F23E0	L-06-017				C			L36										1_25		L036																		2
F23E1	L-06-018				C			L38										1_31		L038																		2
L07. Insects; varia																																					
F23F1	L-07-001				C			L37										1_23		L037																		2
F23F2	L-07-002							L18	L18			L18														1436;18	841;20											2
F23F3	L-07-003				C			L34	L34			L34						1_20																				2

Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
	Y							
	Y							
			repace me L1 grapneme, as L3 is actually iconographic, not used in hieroglyphic texts.					
	Y							
cf. L002; TSL shape not clear	?	DIFF	here, the shape lines up perfectly. I have no idea on what (except the actual insect (tkk.t, wasp) Hieroglyphica was based, but the Jsesgrapheme follows the PT example rather perfectly.					
	N							
	Y							
overlay?	?	DIFF	If possible by overlay, yes					
N	Y	DIFF	I checked all attestations in Karnak, which were all L25 instead. (no ankh signs in the claws).					
	Y							

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
		N (manual)	N	N						Duplicate of F236C.	
								A dung beetle, scarab (scarabaeus sacer), with upwards pointing outstretched wings, holding a circle in its front legs.		**Redrawn in place.** (Redraw sign with wings like F236E, i.e., turn it into a variant without the V6 in the hind legs.)	
R/I	MIFAO 117, p. 409, dranc.	Y (in core)		Y					Logogram apy (the winged scarab).		
	Dendera X, p. 400,7, pl. 366 (right image, col. 4 from right).							A dung beetle, scarab (scarabaeus sacer), with the head of a falcon.			
Y/I		Y (in core)		Y					Logogram sprr (scarab (amulet)).		
								scarab (scarabaeus sacer) with the head of a ram, wearing the red crown (S3).	Phonemogram mt.	It could be argued the head is that of a falcon/bird, not a ram.	
Y/I	TSL	Y (in core)		Y							
								The nese and foreleg of a dung beetle, scarab, (scarabaeus sacer).	Logogram HA.t (beginning).		
Y/I	TSL	Y (in core)		Y							
Y/I	TSL	Y (in core)		Y				A fly.	Classifier fly/insect (aff).		fly
Y/I	TSL	Y (vS.2)		Y				A bee.	Logogram bi.ty (king of LE).		bee
Y/I	TSL	Y (in core)		Y				A wasp.	Classifier wasp (tkk.t).	Redrawn in place. (Redraw to TSL/wesh sign.)	wasp, redrawn in place
		N (manual)	N	N						Not needed with new controls.	
								A sedge (M23) written above a half round loaf of bread (X1), in front of a bee (L2) written above a half round loaf of bread (X1).	Logogram n(.y)-sw.t-bi.ty (King of UE and LE).	With control characters, there is no reason for this group to exist.	
Y/I	TSL	N (manual)	N	N						Should probably be discarded, as the sign was based on iconography, not actual text, which have F238D (L3A). **Rotate to F2386 form.**	No/No.
		N (auto)		N						Rotated form of F2385.	Redraw
		Y (vS.2)		N							
		N (auto)		N						No sources given.	
Y/I	TSL	Y (vS.2)		Y				A common locust.	Classifier locust (wrhm).		
		N (manual)	N	N						Meaningless graphical variant of F23A0 (L4).	
Y/I	TSL	Y (in core)		Y				A locust, depicted as a bee without	Phonemogram r.		locust, depicted as a bee without wings
Y/I	TSL	Y (in core)		Y				A praying mantis.	Logogram qd.t (mantis).		
Y/I	TSL	Y (vS.2)		Y				A centipede.	Classifier centipede (spA).		
Y/I	TSL	Y (in core)		Y				A scorpion.	Classifier scorpion (srq.t)		
		N (manual)	N	N						Duplicate of F23DD (L19).	
								A scorpion (L19), written over the head and neck of a long-necked horned animal, with a forked end to the neck (F11A).	Logogram srq-Hty.t (causing the throat to breathe).	Overlay.	
Y/I	KIU 2485, line 11.	N (manual)	N	N						Overlay. JH-U token could not be verified with an image (Dendera XV, p. 68,5).	
Y/I	TSL	Y (vS.2)		Y				A water scorpion (nep cinerea).	Classifier scorpion (srq.t)		Serket
		N (manual)	N	N						Practically a duplicate of F23D4 (L7).	
		N (auto)		N						No sources given.	
		N (manual)	N	N						Overlay, beside being practically a duplicate of F23DE (L24).	
		N (manual)	N	N						Duplicate of F23DA (L25).	
										JH-O token (Dendera XI, p. 63,10, pl. 50), but it was L25, which makes it likely that is true for the Dendera XV, p. 206,13, (not visible on commentaire pl. XLIV) as well.	
		Y (=O_ISeh/HG)		N							
								A scorpion (L19), on top of an arrow-head, point facing downwards, in the ground, resembling a cartouche in the round form (T22D).			
Y/I	TSL	Y (in core)		Y					Classifier Serket/Selkis (srq.t).		
		N (manual)	N	N						Overlay, beside no sources given.	
										Overlay. JH-O token (Dendera XV, p. 199,2, commentaire pl. XCIV), my image is too poor to recognise the sign.	
		N (manual)	N	N							
		N (manual)	N	N						Overlay.	
								A scorpion (L19), written over a sceatre (S42).	Logogram xrp-srq.t (scorpion summoner).		
Y/I	TSL	N (manual)	N	N						Overlay.	
		N (auto)		N						No sources given.	
								A scorpion (L19), on top of a standard used for carrying religious symbols (R12).		Logogram srq.t (Serket/Selkis (divinity).	
Y/I	TSL	Y (in core)		Y							Selkis
Y/I	TSL	Y (in core)		Y				winged scorpion, holding a seal, attached to a neck	Logogram srq.t (Serket/Selkis (divinity).		Serket
Y/I	TSL	Y (in core)		Y				A louse, flea or tiny insect.	Classifier tiny insect (apSAy.t).		tiny insect
		N (auto)		N						Hannig gave no source, beside the function sb/kb (unclean).	
									Classifier to open (sAS).		
Y/I	TSL	Y (in core)		Y				A butterfly.			

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
F23F4	L-07-004		131AC					L8			L8	L8						1_5		L008																	2
F23F5	L-07-005			C				L8A										1_5		L008A																	2
F23F6	L-07-006		131A9					L6	L6			L6	142	114		26	2	1_24	L6	L006		166;6					841;16								1		9
F23F7	L-07-007		131AA								L6A							1_24	L6*	L006A																	3
M.XIII. Trees and plants																																					
M01. Tree																																					
F240D	M-01-001		131AD					M1	M1			M1	877	124	211	494	48	1_3761	M1	M001	138;1	232;1	166;44	11;1	M;0100		842;2			195	26	16	2	3	170	M;5	20
F2401	M-01-002			F																		232;2													M;1	2
F2402	M-01-003			F																		232;3													M;3	2
F2403	M-01-004			A				M1C	M1C			M1C	94			89	5					232;4								218	8		3	2		M;4	8
F2404	M-01-005			F				M50A	M50A			M50A	1				1																				1
F2405	M-01-006		131AF		S			M48	M48			M1E/	5			5				M1**	M001E	144;1	232;5		8;6	M;0220				5	1	2		16	ij;31	12
F2406	M-01-007				S																	232;6													M;15	2
F2407	M-01-008		131AE					M1A	M1A			M1A	807		321	485	1		M1*	M001A		232;7		11;3	M;020(	1436;16	842;3								M;13	11
F2408	M-01-009							M50	M50			M50										232;8													M;19	2
F2409	M-01-010			F																		232;9													M;9	2
F240A	M-01-011			F				M216	M216			M216	1			1																					1
F240B	M-01-012				S			M218	M218			M218																									
F240C	M-01-013				S			M219	M219			M219																									
F241F	M-01-014			F	S			ES181		ES181																				1							1
F240D	M-01-015			C				M51	M51			M51	1			1							11;2	M;0260											3	M;11	5
F240E	M-01-016			D				M217	M217			M217	1			1						487;4	11;4	M;0240												M;17	5
F2420	M-01-017			F				ES109		ES109																				1							1
F2421	M-01-018			E				ES112		ES112											M280									2							2
F240F	M-01-019			C				N113A	N113A			N113i										160;3								2		1		2			4
F2422	M-01-020							M1I																													
F2410	M-01-021			C				M1D	M1D			M1D	8			8																					1
F2411	M-01-022							M53	M53			M53																									
F2412	M-01-023			F				N112A		N112A											N112A									1							2
F2413	M-01-024			B				M46	M46			M46	8	2		6						232;10					1437;6	845;12		M80(	5			2		M;23	9
F2414	M-01-025				S			M46A	M46A			M46A																									
F2415	M-01-026			C				M1B	M1B			M1B	1	1						M001I	138;2	232;1	166;45	11;7						1							M;27	8
F2416	M-01-027			C				M46B	M46B			M46B						1_4032				232;12			M;1000											M;25	4
F2417	M-01-028			E				M1G														138;2	232;13													M;29	3

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sig	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
F241B	M-01-029				F			M1F														232;14													M;31	2
F2419	M-01-030				C			M1H		M1H											M001H									6							2
F241A	M-01-031							DE362		DE362																											
F241B	M-01-032				F			M1E		M1E											M001E									1							2
F241C	M-01-033							DE361		DE361																											
F241D	M-01-034							M47	M47		M47											233;1													M;33	2
F241E	M-01-035							M52	M52		M52																											
M02. Palm tree																																					
F2430	M-02-001				C			M54	M54		M54		3	2		1						233;2				1437;7	845;13									M;79	6
F2431	M-02-002							M55	M55		M55											233;3		11;12												M;83	3
F2437	M-02-003							M55A																													
F2432	M-02-004																					233;4														M;81	2
F2434	M-02-005																					233;6														M;?03	2
F2435	M-02-006							M56	M56		M56											233;7														M;?01	2
F2436	M-02-007				D			M54A	M54A		M54A														M;040E	1437;8	845;14									M;84	4
M03. Clump type 1																																					
F2440	M-03-001			13180				M2	M2		M2		**4496**	194	1890	2299	113	1_3907	M2	M002	138;3	233;8	166;47	11;20	M;1100	842;4			410	68	12	26	86	213	M;119	20
F2441	M-03-002				F			M2C													M002C	233;10													M;123	3
F2442	M-03-003				C			M2A	M2A		M2A		**2**			1	1																	3			3
F2443	M-03-004				F			M58A	M58A		M58A																									M;134	1
F2444	M-03-005																					233;11														M;127	2
F2445	M-03-006																					233;12														M;125	2
F2446	M-03-007				C			M2B	M2B		M2B							1_3977				233;13														M;129	3
F2447	M-03-008				B			M85	M85		M85		**20**			4	16					233;14														M;131	4
F2448	M-03-009							M58	M58		M58											234;1														M;133	2
F2449	M-03-010				B			M58B					**16**			16						234;2														M;121	3
F244A	M-03-011							M59	M59		M59											234;3														M;117	2
M04. Branch																																					
F2460	M-04-001			13181				M3	M3		M3		**7114**	252	4220	2189	453	1_3978	M3	M003	138;4	234;4	166;46	11;8	M;0600	842;5			22	18			176		M;47	17
F2461	M-04-002				E			M3A	M3A													234;5									2					T;365	3
F2462	M-04-003				A			M3B	M3B		M3B		**14**			12	2	1_4014			138;4	234;6	166;46			1436;17	842;6			212	14	17	17	1	2	M;49	15
F2463	M-04-004							M3H														138;4							M003B								2

Vols	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG Based on Dendera Porte d'Isis, this sign is used in Dendera when a more bushy form of M3 is needed, but there does not seem to be a semagraphic difference (some might actually be forms of trees (classif SA). I don't think it is valuable for Unicode to include M3 | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikee | Caurw | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhon | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG JH-D tokens: Dendera XV, p. 11,9 (verified with online image (https://firearteamerica.com/featured/restored-ceiling-of-hathor-temple-dendera-temple-complex-dendera-egypt-jon-berghoff.html) is better represented by F24B7 (MIBH); p. 107,12 could not be verified with an image. I have no access to Athribis M1,30; M3,19 (the third is completely lost). | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sta | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Value | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caur	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
																																					hlhcn;n;nhh;nct	
F250A	M-08-011				B			M250		M250											144;5	239;9								42		5			M;219		5
F250B	M-08-012				C			M76A	M76A		M76A		4		1	3		1_4075			144;5	166;7		M;1301									1			7
F250C	M-08-013				F																	239;10												M;237		2
F250D	M-08-014				B			M98	M9B		M98		10			8	2				140;2	239;11	11;35						31	3	13	1	8	M;225		11
F250E	M-08-015				F																	239;12												M;235		2
F250F	M-08-016				E			M77B	M77B		M77B										144;7	239;13												M;231		3
F2510	M-08-017																					239;14												M;227		2
F2511	M-08-018				C			M77A	M77A		M77A										144;6	239;15	11;31						1		3			M;223		6
F2512	M-08-019							M227	M227		M227																										
F2513	M-08-020							M80	M80		M80											240;1												M;251		2
F2514	M-08-021				E			M208	M208		M208		1			1													1								2
F2433	M-08-022				F			M237	M237		M237											233;5												M;699		2
F2515	M-08-023				F			M9C													M009C	240;2												M;243		3
F252C	M-08-024				F			H02402													M009D											1			M;247		2
F2516	M-08-025			13188				M9	M9		M9		113		46	49	18	1_4109	M9	M009	140;1	240;4	166;14		M;1300		843;1			243	11		2	4	102	M;239		17
F2517	M-08-026				F																	240;5												M;241		2
F2518	M-08-027				D			M82	M82		M82		3			3						240;6												M;247		2
F2519	M-08-028				F			M226	M226		M226											240;7												M;247		2
F251A	M-08-029							M84	M84		M84											240;8												M;725		2
F251B	M-08-030				B			M9A	M9A		M9A		4			4													3	5	3	4		M;249		6
F251C	M-08-031				B			M86B	M86B		M86B		4			4					145;1	240;9	166;11	11;82					3	1			1	M;711		9
F251D	M-08-032				E			M86A	M86A		M86A										144;8	240;10	11;82											M;713		4

Vots	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
7	cf. M76	N	DIFF	flower without stem actually exists. Note that based on the PT examples, the stem should actually be a bit more pronounced in the image.					
2									
11		Y		However, I am not certain in how far M98 and M76A are distinct					
2									
3									
2									
2									
6				TLA source (Edfu VIII, 81,11, photo 0094) is simply M127 in my opinion, although it would mean that the sign which is usually read as 5ma.w is suddenly read as mH.w here.					
2									
2									
3									
2									
2									
17									
2									
2	cf. L6	?	DIFF	In Jsesh a bit more clearly a flower, based on the functions in TLA, I would support reading this as L6 instead. (which I did for beleg 2, which is encoded in the TSL under L6).					
2									
2									
6	cf. M11D	?	DIFF	Not sure, but I could support only including M11D. However, in the TLA sources the flower is a bit more like M9 itself, see beleg 2-3, Munro AA 54, photo tf. 56, tf. 119 (Th 81.a, col 117).					
9		Y							
4									

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG Unicode F2508 (M76A) should be sufficient. According to Cauville, it is wnn-nfr (in wsir-wnn-nfr), but I prefer to follow Kurth (p. 302) who takes the seated god as wnn here. It is possible the flower stands for wnn as well (see Kurth p. 303), but at least the function nfr of the lotus flower is not in doubt. **Redrawn in place.** (Add with a slightly longer stem, but not to the extent of F250D (M98). (i.e., double the current wennes norm or F250I (M77).	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
Y/I	Dendera Porte d'Isis, p. 37,11, pl. 44	Y (in core)		Y				A lotus flower with internal decoration, facing upwards, with a short stalk.	Logogram nfr (to be good).			Yes	
Y/I	TSL	Y (in core)		Y				A lotus flower, facing upwards, with a short stalk.	Classifier flower (nfrb.t).		redrawn in place		
		N (manual)	N	N									
Y/I	KIU 3593, line 111.	Y (in core)		Y				A lotus flower with internal detail, facing upwards, with a lone stalk. A lotus flower, with the flower facing upwards, and the stem curving towards the back.	Classifier plants/flowers (xA.w).				
Y/I	Dendera II, p. 184,9, pl. CXLVII.	N (manual)	N	N					Logogram nxb (lotus).	Mirrored and rotated form of F2516 (M9). token (Dendera II, p. 208,8) could not be verified with an image, and is practically F256O (M11) in the transcription. Dendera VII, p. 145,15, pl. DCLXV is F2516 (M9), with maybe a little flick at the back of the stem, not this sign at all.			
		N (auto)		N							inverted		
		N (manual)	N	N						wesxes norm or F253US at best. No sources given.			
Y/I	Dendera Porte d'Hathor, p. 4,3, p. 71.	Y (verified)		W				A lotus flower with internal detail, facing upwards, with a long stalk.	Classifier joy (Aa-ib).	only occur on their side, and have the stem a bit more wavy. (so technically not this sign, but practically it fits). Cauville token (Dendera IX, p. 12,10) could not be verified with an image. Valeurs tokens can either not be verified with an image (Dendera II, p. 37,5) and/or are forms of F25DD (M98) at best. Kurth merged most of these signs together, and for the temple of Dusch for example (based on Dils), I would consider F25DD (M98) a better form Lxemay. vaseurs token (Esna II 137, p. 249,7) could not be verified with an image.		Wait	
Y/I	Esna II, 137, p. 249,7.	N (manual)	N	N									
		N (auto)		N						No sources given.			
		N (auto)		N						JH-D token (Dendera XII, p. 297,14) could not be verified with an image. TLA token is not supported.			
Y/I	Edfu VI, p. 263,5.	Y (in core)		Y				A flower with 7 petals, on top of a long stalk.	Classifier plant (hdn)/phono-repeater hdn.	Move sign to category M08. Lotus flower (which should probably be renamed to 'Flower'). Verified by Peter Dils. Valeurs token (Edfu VI, p. 263,5) could not be verified with an image.		Yes + move	
Y/I	KIU 1992, line 1.	Y (in core)		Y				A lotus flower with internal detail, facing forwards, with a long stalk, folded under itself.	Classifier joy (r5i wi).	Note that in the Karnak database this is the form they use for F2516 (M9).			
Y/I	Dendera, Porte d'Horus, p. 24,5, p. 109.	Y (in core)		Y				A lotus flower, with internal detail, facing forwards, with a long twisted stalk, which is folded under itself.	Classifier joy (Aa-ib).	runcnion accorong to Cauville, commentaire, p. 204-205. (makes sense, as MSC can be used for r5.wt (joy) (according	Horus 24,5		
Y/I	TSL	Y (vS.2)		Y				A lotus flower, with the flower facing forward, and the stem facing downward.	Classifier lotus flower (sSn).	Note that often the stem makes a lot less extreme angle. (i.e., more like F250I). vaseurs token (Edfu VI, p. 166,2, Edfu XIII, pl. DXXXVII) is F2516 flipped horizontally, not with this curl to the stem.			
		N (auto)		N									
		Y (>=O,JSeh/HG)		N						Used in TLA tokens for L6.	pagprus flower?		
		N (auto)		N						vaseurs token (Esna II 184,28, p. 304,10) could not be verified with an image.	~~		
		N (auto)		N						No sources given.			
Y/I	Esna VII 573,07, p. 89,12	Y (in core)		Y				A lotus flower with a extended central point/a papyrus flower, facing forwards, with a long stalk, folded under itself.	Classifier joy (r5i wi).	vennes oy never Lxis. Exists, but functionally a duplicate of F2515, so I am not certain this would be a meaningful variant (which is supported by many of the TLA tokens). Consider F2515 a replacement		Yes	
Y/I	Edfu VIII, 9,10, Bartels photo 0025 (only lower half of sign is visible)/KIU 4081. line 7.	Y (in core)		Y				A flower, seen seen from above, with seven distinct petals visible inside a wavy circle.	Classifier flower (Hnr(.t)).	Note however that the distinction between F251C (M86B) and F251F (M86D) is not as clear as I would like. Lauxmxy xuxny/vaseurs tokens are F2529 (M86), this sign seems to be a misinterpretation of that sign.			
		N (manual)	N	N	F2529								

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sta	GID	HG	HGx	Down	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F254D	M-09-014				D			M24D	M24D			M24D										241;12								3						M;733		3
F254E	M-09-015							M93	M93			M93																										
F254F	M-09-016				D			M24DA	M24DA			M24D	1			1											M;1900									M;736		3
F255D	M-09-017				C			M94	M94			M94										145;3	241;1	166;30	11;83					3						M;737		6
F2551	M-09-018																						241;14													M;739		2
F2552	M-09-019				C			M95	M95			M95											241;15							3						M;749		3
F2553	M-09-020				B			M96	M96			M96	8	7		1		1_4117					242;1													M;743		5
M10. Lotus with bent stem																																					
F2560	M-10-001			13188				M11	M11			M11	76		3	51	22	1_3775	M11	M011	140;4	242;3	166;12	11;36	M;1600		843;3			2	1		1		1	M;295		17
F2561	M-10-002				B			M11A	M11A			M11A	13			12	1				140;5	242;4	166;12	11;36						13		3	2		13			10
F2562	M-10-003				F																	242;5													M;305		2
F2563	M-10-004				F																	242;6													M;301		2
F2564	M-10-005				F			M11Bm													M021E	242;7													M;299		3
F2565	M-10-006																					242;9													M;289		2
F2566	M-10-007																					242;10													M;293		2
F2567	M-10-008				F																	242;11													M;291		2
F2568	M-10-009				C			M11D	M11D			M11D	2			2		1_3791			140;7	242;12								1						M;287		6
F2569	M-10-010				B	S		M11B	M11B			M11B	1	1							140;6	242;13								13					1	M;297		6
F256A	M-10-011				F																	242;14													M;307		2
F256B	M-10-012							M11C	M11C			M11C										242;15													M;309		2
F256C	M-10-013																					243;1													M;311		2
M11. Lotus leaf																																					
F2580	M-11-001				A			M12B	M12B			M12B	109			92	17	1_3792_01		M012E	140;8	243;2								304	31	8	12	6	58	M;361		13
F2581	M-11-002			1318C				M12	M12			M12	6044	264	3141	2452	187	1_3792_00	M12	M012		243;4	166;16	11;39	M;2000		843;4								13	M;357		14
F2582	M-11-003							M12A	M12A			M12A																										
F2583	M-11-004				F																	243;5													M;359		2
F2584	M-11-005																					243;6													M;363		2
F2585	M-11-006																					243;8													M;369		2
F2586	M-11-007																					243;10													M;355		2
F2587	M-11-008				E	S		M98	M98			M98	1			1																		1			2
F2588	M-11-009					S		M98A	M98A			M98A																										
F2589	M-11-010				B	S		M98B	M98B			M98B	1				1				145;4	243;11		11;40						16		1				M;383		7
F258A	M-11-011				B	S		M98C	M98C			M98C										243;12								10						M;381		3
F258B	M-11-012							M99	M99			M99										243;13														M;379		2

Index	Comment DW	Vote DW Core (2021)	DW differentiality	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiality	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F254D											Medinet Habu III, OIP 23, pl. 141 (i), 142 (f), offering list, line 205.							A bouquet of four lotus flowers, stacked on top of each other, with a vertical stem.	Classifier floral offering (ms/ae).	JH-D tokens (Dendera XIII, p. 335,6, commentaire pl. LIV; Dendera XIV, p. 20,12, commentaire pl. VII; p. 63,7, pl. XXV), my images are too poor to recognise the sign.				
F254E																				No sources given.				
F254F				No idea where this is attested.							Medinet Habu III, OIP 23, pl. 141 (i), 142 (f), offering list, line 189.							A bouquet of three lotus flowers, stacked on top of each other, with a vertical stem.	Classifier floral offering (ms/ae).	**redrawn in puce.** (Redraw sign with a straight line at the bottom, not bend (i.e., F254D (M24D) with 3 toppings, not verify with an image (Dendera XI, p. 101,10, pl. 76 (drand) is not clear enough to recognise the sign. (Dendera XII, p. 334,7 has no image, p. 335,3 could not be seen on commentaire pl. LIV).		redrawn in place		
F255D												Y (>=0_JSeh/HG)		W									
F2551												N (auto)		N						ırradicaxy a duplicate of F2550 (M95), although with four flowers on top. No sources given.				
F2552												Y (>=0_JSeh/HG)		N						JH-D tokens: Dendera XIV, p. 83,3, commentaire pl. XXV; Dendera XV, p. 283,2, commentaire pl. LXXX, are not visible on my images. Valeurs token (Daumas Mammisis Dendera, p. 214,15) could not be verified with an image.				
F2553		Y								Y	TSL	Y (in core)		Y				A bouquet of two lotus flowers, stacked on top each other, with a forward curving stem.	Phonemogramm ntn.					
F2560										Y?	TSL	Y (in core)		Y				racing forwards, with a long twisted stalk, which is folded under itself.	Logogram wdn (to offer).					
F2561		Y								Y	KIU 3620/3621, line 1; Edfu VIII, 53,8, Bartels photo 0068 (drand).	Y (in core)		Y				racing forwards, with a crossbar behind the bud, with a long twisted stalk, which is folded under itself.	Logogram wdn (to offer).	KIU tokens have less of a distinctive crossbar behind the loop.				
F2562												N (manual)	N	N						ıwrrorea rorm or F2561 (M11A).				
F2563												N (manual)	N	N						Meaningless variant of F2561 (M11A).				
F2564										Y	Dendera X, p. 294,2, pl. 170, line 29.	Y (in core)		Y				A plant with a bud, with a crossbar behind the bud, facing forwards, with a long stalk, folded under itself.	Logogram wdn (to offer).	**Redrawn form of F2569.** (Technically the form of F2569 (M118), should become its sign (i.e., M118 mirrored.)). Practically a duplicate of F2568 (M11D).		new glyph		
F2565												N (manual)	N	N										
F2566												N (auto)		N						No sources given.				
F2567				Seems to be some overlap with M9A, but based on the TSL token, an argument could be made for having a distinction between the two flower types, which I prefer (even though the signs are indeed similar).								N (manual)	N	N						III, 355,7) could not be verified with an image, but I highly doubt it would be a meaningful variant of F2464 (M72).				
F2568												Y (in core)		Y				A lotus flower, facing forwards, with a long stalk, folded under itself.	Phonogramm nfr.					
F2569				Teti example is M72 (PT 408b, same as the TSL token M72 from Unas).								N (manual)	N	N		F2564				**Redrawn as F2564.** (Redraw as the mirrored form (i.e., F2564).) Practically the mirrored form of F2561 (M11A).		redrawn as F2564		
F256A												N (manual)	N	N										
F256B												N (auto)		N						No sources given.				
F256C												N (manual)	N	N						Duplicate of F258B (M11C).				
F2580		Y								Y	TSL	Y (in core)		Y				A rear, stem and root of a lotus plant, with the stem before the leaf	Phonogramm sA.					
F2581										Y	TSL	Y (vS.2)		Y				A leaf, stem and root of a lotus plant.	Phonogramm sA.					
F2582												N (auto)		N						No sources given.				
F2583												N (manual)	N	N						Practically a duplicate of F2580 (M12B).				
F2584												N (auto)		N						No sources given.				
F2585												N (manual)	N	N						Mirrored form of F2580 (M12B).				
F2586												N (manual)	N	N						ırradicaxy a duplicate of F2585 (M12).				
F2587		N								Y	Cairo JdE 67094, Zivie-Coche, Tanis 3, p. 260-261, col. 3.	N (manual)	N	N				A spiral, winding counter-clockwise away from its central point, ending at the right lower corner after about 1,5 turns (Z7), written over a leaf, stem and root of a lotus plant (M12).	Phonogramm wx(A).	Overlay				
F2588												N (manual)	N	N						Overlay with mirroring.				
F2589										Y	KIU 3553, line 3 (near the end).	N (manual)	N	N				A spiral, winding counter-clockwise away from its central point, ending at the right lower corner after about 1,5 turns (Z7), written over a leaf, stem and root of a lotus plant, with the stem before the leaf bend forwards	Phonogramm wx(A).	Overlay.				
F258A										Y	Dendera X, p. 31,8, pl. 26, col. 34.	N (manual)	N	N				A spiral, winding counter-clockwise away from its central point, ending at the right lower corner after about 1,5 turns (Z7), oriented backwards, written over a leaf, stem and root of a lotus plant, with the stem before the leaf bend forwards	Phonogramm xAw.	Overlay with mirroring.				
F258B												N (auto)		N						No sources given.		inverted		

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sta | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikee | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhon | VP Val | Weight | Vois | Comment DW | Vote DW Core (2021) | DW differentiality | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differentiality | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Siz | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unlker | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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F2653	M-16-004																					250;6														M;521		2
F2654	M-16-005			131D2				M22B			M22A	M22v	153		153			1_7001	(M22)	M022A		166;33	11;59	M;4000												M;541		8
F268D	M-16-006				F	S		M22D					1			1																						1
F268B	M-16-007				C	S		M22C					4			4																						1
F268C	M-16-008				F	S		E5057			E5057																			1								1
F2655	M-16-009				A			M22A	M22A		M22A		140	138		1	1			M022E																	4
F2656	M-16-010				C			M152	M152		M152		1			1						250;8	11;60	M;3800					1							M;527		6
F2657	M-16-011							M209	M209		M209																											
F2658	M-16-012							M165A	M165A		M165																											
F2659	M-16-013				C			M153	M153		M153		5			5																						1
F265A	M-16-014				C			M24A	M24A		M24A		4			4		1_3958_01		M024B				M;4550														4
F265B	M-16-015				B			M154	M154		M154		10			10						250;9														D;249		3
F265C	M-16-016			131D3				M23	M23		M23		18405	1037	4978	7737	4653	1_3946	M23	M023	142;5	250;1	166;34	11;61	M;4200		844;2			1262	59	31	38	120	430	M;531		20
F265D	M-16-017				F																	250;12														M;529		2
F265E	M-16-018																					250;14														M;543		2
F265F	M-16-019							M246	M246		M246																											
F2660	M-16-020				E	S		M212	M212		M212																									2		1
F2661	M-16-021				B			M245	M245		M245		17			16	1																					2
F2662	M-16-022				B			M155	M155		M155		8			8		1_3844				250;15														M;533		4
F2663	M-16-023				A			M156	M156		M156		18			18					147;1	251;1	11;63	M;4250					159	1	8	7		4	M;537		11
F2664	M-16-024					S																251;2														M;569		2
F2665	M-16-025				C			M157	M157		M157		5			5						251;3						846;5								M;535		4
F2666	M-16-026			131D4				M24	M24		M24		629	46	240	289	54	1_3958_00	M24	M024		251;4	166;35	2;38b	M;4300		844;3			1						D;239		14
F2667	M-16-027				F	S																251;5														D;243		2
F2668	M-16-028				B	S		M158	M158		M158		22			22					147;2	251;6	2;38b						47	4	1	4	3	5	D;245		11
F2669	M-16-029				F	S																251;7														D;247		2
F266A	M-16-030																					251;8														D;241		2
F266B	M-16-031				A	S		M159	M159		M159		42			33	9	1_3848			147;3	251;9	166;36	2;58	M;4350			M800	97	3	7	1	7	33	D;639		16
F266C	M-16-032				F	S		M249		M249																				1								1
F266D	M-16-033				F	S		M252		M252																				1								1
F266E	M-16-034				B	S		M159A		M159A			4			4														7		1						3
F266F	M-16-035				F	S		M160	M160		M160											251;10								1						D;617		3
F2670	M-16-036				D	S		M161	M161		M161		1			1						251;11	2;58								1						D;641		5

Vots	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
				Beside overlay, I have no idea where this occurs.					
	overay technically possible?	?							
			DIFF	Beside overlay, I have no idea where this occurs.					

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Siz	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F273C	M-22-013			131E7				M38	M38			M38	25	15		10		1_4005_00	M38	M038					M,6602		845;4										7
F273D	M-22-014				C			M37C	M37C			M37C	5			5																						1
F273E	M-22-015																					256;7													M,667		2
F273F	M-22-016			131E5				M36	M36			M36	2364	243	933	1108	60	1_3999	M36	M036		256;8	167;7	11;78			845;1							1	M,669		13
F274D	M-22-017				E			M38B	M38B			M38B	2			2						256;9													M,673		3
F2741	M-22-018				F																	256;10													M,641		2
F2742	M-22-019																					256;11													M,643		2
F2743	M-22-020				D			M37A	M37A			M37A								M037D		256;12				1437;3	845;3			2					M,639		6
F2744	M-22-021				C			M182	M182			M182	4	4											M,6301	1438;6	846;8										4
F2745	M-22-022							M178	M178			M178										256;13													M,645		2
F2746	M-22-023																					256;14													M,647		2
F2747	M-22-024							M179	M179			M179										256;15													M,649		2
F2748	M-22-025							M180	M180			M180										256;16													M,651		2
F2749	M-22-026																					257;1													V,307		2
F274A	M-22-027				F																	257;2													M,671		2
F274B	M-22-028																					257;3															1
F274C	M-22-029							M37B	M37B			M37B										257;4			M,6600												2
F274D	M-22-030							M36A														257;5													M,675		2
M23. Basket of fruits or grains																																					
F2760	M-23-001			131E8				M39	M39			M39	85	4		69	12	1_4008	M39	M039		257;7			M;7000		845;5								V,301		10
F3545	M-23-002																					352;15													V,297		2
F3546	M-23-003				F			M39E					1	1								353;1													V,295		3
F2761	M-23-004							M39A	M39A			M39A														1437;4	845;6										2
F2762	M-23-005				E			M39B	M39B			M39B	1			1								20;13														2
F2763	M-23-006				F			M39C	M39C			M39C																							V,299		1
F2764	M-23-007							M39D	M39D			M39D																									
F2765	M-23-008							M200	M200			M200																									
F2766	M-23-009							M225	M225			M225																									
M24. Reed bundle																																					
F278D	M-24-001			131E9				M40	M40			M40	1980	15	1631	338	6	1_4020	M40	M040		257;8	166;17	11;57	M;6800		845;7			1			1	7	M;513		16
F2781	M-24-002																					257;10													M,515		2
F2782	M-24-003																					257;12													M,509		2
F2783	M-24-004			132EA				M40D			M40E	U51M								M40*	M040A	257;13															3
F2784	M-24-005																					257;14													M,511		2
F2785	M-24-006				B			M40A	M40A			M40A	19			18	1			M040E		258;1								6		2	4	3			8

Vots	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
				pl. XXII, line 2) but I would prefer to read M37 here instead (as with M36B above, the sign tapers inwards a bit at the front), and I consider it more a M37C without inner detail. If made a class, I would suggest adjusting the grapheme a little to resemble the basic form of M37 a bit more.				DIFF	
R		?							
				Note that the number of dots on top of the sign is extremely variable, and should not be taken as reason for classes in TSL.					
				I am not sure if the TLA sources require this specific sign, or if they are simply minor variants of M36. See BM EA 147, line 18, and ACEr 40 (Bio Amenemhat), pl. 5a and 84b, 4th col from the right.					
				together, based on P/F/Nw I 21, (PT 246) class sma (function to gather) however, the PT examples fit nr. 838 a bit better. The problem is that the great majority of the examples of M182 and PT nr 838 are as classifier for Sa:t (for example, PT 755c, P/F/W 9, see attached image) for slaughtering, terror, evil. Here, the sign is probably a more schematic form of F41, not this sign.					
	what is this?	?							
				PT example is a variant of M39 (i.e, with 5 grains), not 83A.					
				TLA token is a bit different, ACEr 18, pl. 16, 56, offering list, line 3, 46b. > It is a double layer of dots, not floating dots (TSL candidate class M39?)					
				No TSL (class) yet, as I doubt the simplified form of M40 is really worthwhile. Gardiner (1928) calls it a less common Dyn 18 form of M40. Locating one of these at random seems unlikely.					
	check orientatio n/mirrorin g								
R		Y							

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
Y/I	TSL	Y (v5.2)		Y				A bundle of flax stems, bound together with string near the bottom of the bundle.	Classifier flax (Hma).					
	Sadek, Wadi el-Hudi, pl. XXII, (Cairo JdE 71901) line 2; BM EA 828, register 2, in front of the standing female.							A bundle of flax, bound together with string near the bottom of the bundle, without internal detail.	Phonemogram Dr.	Redrawn in place. (Change shape to closer resemble the form of F273B (M37), but without internal detail. (i.e., F2738.)		redrawn in place		
Y/I		Y (in core)		Y						Duplicate of F273F (M36).				
		N (manual)	N	N										
								A bundle of flax stems, bound together with string, loop and tie at the back, with the bolls visible on the top, squared at the bottom.						
Y/I	TSL	Y (v5.2)		Y					Phonemogram Dr.					
								A bundle or flax stems, bound together with string, loop and tie at the back, with bolls visible on the top, squared at the bottom.						
Y/I	BM EA 147, line 18.	Y (in core)		Y					Phonemogram Dr.	Could be argued to be a distinct form, or simply a minor variant of M36.			Yes	
										valeurs renen so wa II, p. 121, where the signs have ties (i.e. M36/M38A).				
		N (manual)	N	N										
		N (auto)		N						No sources given.				
										JH-D tokens (Dendera XIV, p. 57,11, commentaire pl. XXII; p. 154,5) could not be verified with an image/image was too poor. According to Hannig used for Agg.t (sheaf of flax stalks) but no sources were given.				
		Y (n=0_ISeh/WG)		N										
										I could not locate any of the H&S tokens (WB I, 296,13 (wbs); WB II, 31,7 (mAa); WB V, 52,5 (qm)) closest is Medinet Habu I, pl. 27, col 34, which is not this sign).				
	what is this?	Y (n=0_ISeh/WG)		W								could be need	Wait	
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (manual)	N	N						Practically a duplicate of F273F (M36).				
		N (auto)		N						No sources given.				
	Stela of Nastasen (Berlin ÄM 2268), front, line 3 (Schäfer pl. I).							A bundle or nax stems, bound together by string, loop and tie at the back, with a widened base resembling the mirror of the letter	Phonemogram Dr.	Exists, but I am not certain it is a meaningful variant for Unicode.			Yes	
Y/I		Y (in core)		Y										
	Berlin museum (awaiting exact location, on a granite object).							A bundle of flax stems, bound together by string, loop and tie at the back, with a widening base and top, with the bolls visible on the top.	Classifier tying, binding (dmA).	Verified by Daniel Werning.				Yes
Y/I		Y (in core)		Y										
Y/I	TSL	Y (v5.2)		Y				A basket with four pieces of grain or fruit.	Classifier granular product (snTr).					
		N (manual)	N	N						Too likely to be misused for M39.				
										neenner nissing in category R, nor is it valuable to add more variants of M39 to Unicode.				
	TSL (M39) token TSL_3_20524.							A basket with three pieces of grain or fruit.	Classifier vegetable, fruit, plant (mp.wt).				Yes	
Y/I		Y (in core)		Y										
		N (auto)		N						No sources given.				
										Redrawn in place. (Sign is more two rows of dots, rather than floating dots (i.e., form of F276D with two rows), redraw to that form? Transcribed as W113 in the publication.) Neither valeurs token (Dendera IV, p. 147,8; Dendera VII, p. 182,10) could be verified with an image.				
	Dendera VIII, p. 109,6, pl. DCC1VI							A basket with two rows of four pieces of grain or fruit.	Logogram TIth.t (la vessel) with faiance).					
Y/I		Y (in core)		Y								redrawn in place		
		N (auto)		N										
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
								A vertical bundle of reeds, tied together, with the ties at the front	Phonemogram is.	make the loop larger.				
Y/I	TSL	Y (v5.2)		Y/R										
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
								A vertical bundle of reeds, tied together, with the ties resembling a triangle.	Phonemogram is.	Exists to some extend, but I highly doubt it is a meaningful variant of F278D (M40) for Unicode, beside some similarities with Aa28				
Y/I	TSL (TSL_3_23255)	Y (v5.2)		Y								inverted	Yes	
		N (manual)	N	N						supposedly a mirror for F278D (M40), if it isn't a form of Y1.				
								A vertical bundle of reeds, with a sloped top towards the front; tied together, with the ties at the back.	Phonemogram is.	Not a mirrored form of F278E (M40C)				
Y/I	Edfu VIII, p. 161,1, Edfu XIV, pl. DCLXXVII.	Y (in core)		Y										

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Siz	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unlker	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F278G	M-24-007				B			M40C	M40C			M40C	18			17	1					143;7	258;2							7	8	2		7				8
F278I	M-24-008							M40B	M40B			M40B										143;7	258;3															2
F278E	M-24-009																						258;4														1
F278J	M-24-010				F			M184	M184			M184											258;5													M;517		2
F278A	M-24-011				B			M185	M185			M185										147;9	258;6	166;37						10				1	3			6
F278B	M-24-012				C			M185A	M185A			M185											258;7							4						M;518		3
M25. Wood log																																					
F27A0	M-25-001			131EB				M41	M41			M41	53			32	21	1_4024	M41	M041			258;8	11;11	N;0502		845;8				1			2	M;73		12
F27A1	M-25-002																						258;9													M;77		2
F27A2	M-25-003																						258;10													AA;5		2
F27A3	M-25-004				E			M186	M186			M186	2	2									258;11													AA;7		3
M26. Vine arbour (grape vines on props)																																					
F278D	M-26-001				B			M43A	M43A			M43A	20	1	6	13		1_4026_01					258;12	11;84		1437;5										M;751		8
F278I	M-26-002				B			M43B	M43B			M43B	5			5							258;13											1		M;757		4
F278A	M-26-003							M43C																														
F278J	M-26-004				F			E5158		E5158																				1								1
F278Z	M-26-005			131ED				M43	M43			M43	180	7	11	145	17	1_4026_00	M43	M043				11;84	M;7900		845;10								M;762		11
F278J	M-26-006																						258;14													M;753		2
F278H	M-26-007																						259;1													M;761		2
F278S	M-26-008																						259;2													M;759		2
F278G	M-26-009																						259;3													AA;127		2
F278T	M-26-010																						259;4													M;755		2
F278B	M-26-011							M188	M188			M188											259;5													M;763		2
M27. Thorn																																					
F27D0	M-27-001				F																		259;6													M;67 *K*		2
F27D1	M-27-002			131EE				M44	M44			M44	500	159	108	194	39	1_4029	M44	M044	143;9	259;7	167;5	11;10	M;9000		845;11			15	9			2	20	M;65		18
F27D2	M-27-003				C			M176	M176			M176	3	1		2							259;8			1438;4										M;69		5
F27D3	M-27-004				D			M189	M189			M189	2	1			1																		1				3
M28. Vegetal elements; varia																																					
F27E0	M-28-001				E			M196	M196			M196											259;9	11;27												M;203		3
F27E1	M-28-002																						259;10													M;207		2
F27E2	M-28-003				F																		259;11													M;209		2
F27E3	M-28-004							M199	M199			M199											259;12													M;721		2
F27E4	M-28-005				B			M194	M194			M194	23	16		7							259;13			1438;8	846;10				1					M;683		7
F27E5	M-28-006							M193	M193			M193											259;14															1
F27E6	M-28-007				D			M191	M191			M191										148;2	260;1	11;79						1					M;679		5
F27E7	M-28-008																					148;2	260;2												M;681		3
F27E8	M-28-009				C			M201	M201			M201	3	3									260;3			1438;10										M;637		4

Index	Comment DW	Vote DW Core (2021)	DW differentiy	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiy	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
	check orientation/mirroring	8	Y							Y/i	BM EA 147, line 5; 15.	Y (in core)		Y				A vertical bundle of reeds, with a sloped top towards the back; tied together, with the ties at the back.	Phonemogram is.	Not a mirrored form of F278S (M40A)				
												N (auto)		N						The only token in Cauville that might have been this sign (Dendera V, p. 11,17, pl. CCCXXXVI) is lost. According to the transcription it was F278B.				
												N (auto)		N						No sources given.				
												N (auto)		N						Valeurs token (Daumas, Mammisis Dendera, p. 247,7) could not be verified with an image (and had a sic in the transcription).				
												N (auto)		N				A vertical bundle of reeds, with a sloped top towards the back; tied together, with the ties at the back, with the tops of the reeds visible.						
										Y/i	Dendera VIII, 68,1	Y (in core)		Y					Phonemogram is.	Verified by Peter Dils. JH-D tokens (Dendera XIII, p. 78,9; p. 113,3, commentaire pl. XXX; Dendera XIV, p. 75,11, commentaire pl. XXXII; p. 125,9, pl. LII) are either M185 (I think, images are not great, but all have the slope at the back), or have no image. Valeurs token is F278A (M185).				
												Y (=D_Dark/WG)		N		F278A								
										Y/i	TSL	Y (vS.2)		Y				A log of wood.	wood/timber (vS).					
												N (manual)	N	N						Practically a duplicate of F27A0 (M41).				
												N (manual)	N	N						Rotated form of F27A0 (M41).				
				Yr: examples yrr;r;rwe m ±a-14) are a different sign, looking like S105/Aa9. (based on TLA, occurs more often with ag.t, but I am not yet sure what it is supposed to be.																				
												N (auto)		N						Current PT tokens do not support this sign.				
		Y								Y/i	TSL	Y (in core)		Y				A vine on two forked supports.	Logogram kAn.y (gardiner, vinter).					
				other TLA sources are different variants of M43A (only ACEr 16 seems to have the base								N (manual)	N	N						Ir aaaeo, sign snouo be redrawn as F278S, but on a base (i.e, on the far side the vine descends to the base).		redrawn in place	Redraw in new row.	
											ACEr 16, pl. 12,b; 34,b, offering list, 6,12.	Y (in core)		Y				A vine with trunk on two forked supports, on top of a base, with the back of the vine descending to the	Classifier wine (irp).					
										Y/Y/i		N (auto)												
												N (manual)	N	N				A vine with trunk on two forked supports, with the back of the vine descending down, into a basket or	Logogram irp (wine).					
				Extremely variable.						Y/i	TSL	Y (vS.2)		Y										
												N (auto)		N						No sources given.				
												N (auto)		N						No sources given.				
												N (auto)		N						No sources given.				
												N (auto)		N						No sources given.				
												N (auto)		N						No sources given.				
												N (auto)		N						No sources given.		need to fix glyph		
																				Seems identical to F27D1 (M44). (variaton in valeurs is between a filled in with colour token and an outline only token.				
												N (manual)	N	N										
				I see no reason to distinguish between M44, M176 and M189, variation is paleographical an best (angle of the triangle).						Y/i	TSL	Y (vS.2)		Y				A thorn.	Phonemogram spd.					
similar to M044	N																			Meaningless variation of F27D1 (angle of the triangle)				
identical to M044; cf. also M176	N			I see no reason to distinguish between M44, M176 and M189, variation is paleographical an best (angle of the triangle).								N (manual)	N	N						Meaningless variation of F27D1 (angle of the triangle)		dup M44 (148,1)		
																				Error for variant of F0FF2 (D53), but slightly rotated, or a lotus. Should not occur in Unicode.				
												N (manual)	N	N										
												N (auto)		N						No sources given.				
																				I have not access to the Valeurs source (Drioton, SASAE 2, nr. 2, 104), but I highly doubt this will be a meaningful variant of a lotus flower.				
												N (auto)		N										
												N (auto)		N						No sources given.				
										Y/i	Pap. Turin-med/E 59, (PT 1112c), MIFAO 118, fig. 37.	Y (in core)		Y				A fig.	Classifier fig (dAb).					
		Y										N (auto)		N						No sources given.				
																				Suggested token do not clearly have internal decoration, but based on the iconography understanding the sign as this seems possible. Karnak token (KU 1/65, line 1) has no internal decoration. Function based on Cauville and Kurth.				
										Y/i/?	Dendera XI, p. 30,10, pl. 23	Y (in core)		Y				A vertical head of lettuce.	Classifier Min (mnw) or logogram abw (lettuce).				Yes	
												N (manual)	N	N						Duplicate of F27E6 (M191).				
		?		DIFF							Pap. Leiden I, 371, 11; pl. 74 (PT 758), MIFAO 118.	Y (in core)		Y				A sunrise or unions, on top of a wide cup (W10).	Classifier unions (HDt.w)).		onions with green in a container		

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhon | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sis	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val gerh,kkk	Weight
F280C	N-01-017				B			N38	N38			N38	**44**	3		40	1					261;12			N;0400											N;23		6
F280D	N-01-018							N3C	N3C			N3C										261;13														N;27		2
F280E	N-01-019				F																	261;14													N;11	*gerh*	2
F280F	N-01-020				F																	262;1													N;13	*wibl*	2
F281F	N-01-021				F			H028D1												N046C												1					2
F281G	N-01-022			133F0				N2	N2			N2	**359**	39	150	166	4	1_4204_00	N2	N002			12;5	N;0400	846;14											10
F2811	N-01-023			133F1				N3	N3			N3	**110**	47	13	50		1_4204_01	N3	N003				N;0401	846;15												8
F2812	N-01-024							N47	N47			N47										262;2													N;29		2
F2813	N-01-025				C			N49	N49			N49	**2**	2									12;1a	N;1600	1438;14	850;7											*gerh*	5
F2814	N-01-026				E			N12B	N12B			N12B																		1					N;16		2
F2815	N-01-027							515B	515B			515B																									*ldp*	
F2816	N-01-028			133F2				N4	N4			N4	**126**	2	14	110		1_4272	N4	N004	149;2	262;3	12;6	N;0601	846;16			1						2	N;31	*lggt;tdt*	14
F2817	N-01-029				C			N4G	N4G			N4G	**7**		1	5	1					262;4													N;55		5
F2819	N-01-030							N4B	N4B			N4B									149;3	262;5													N;35		3
F281A	N-01-031							N4C	N4C			N4C													N;0800													1
F281B	N-01-032				B			N4E	N4E			N4E	**2**			1	1				149;4									10			1'	4			6
F281C	N-01-033							N48	N48			N48													N;0700													1
F281D	N-01-034							N4H	N4H			N4h																										1
F284B	N-01-035				E			N4M		N4M																						2					1
N02. Sun																																					
F2840	N-02-001			133F3				N5	N5			N5	**49165**	4387	14938	13409	16431	1_4293_00	N5	N005	150;1	262;6	167;14	12;9	N;1200	846;17			1130	12	60	48		751	N;101	*r* *tnu;w*wb;b;hun;p;u;r;r*;h ;hmr;s;sxw;t*	19
F2841	N-02-002				F																	262;7													N;103		2
F2842	N-02-003				F																	262;8													N;93	*tnu;w*wb;b;hun;p;u;r;r*;h ;hmr;s;sxw;t*	2
F2843	N-02-004				F																	262;9													N;95	*pwg;h;hmr;t*	2
F2844	N-02-005				F																	262;10													N;105	*r* *r* *r*	2
F2845	N-02-006																					262;11													N;107		2
F2846	N-02-007				B			N90	N90			N90	**18**			16	2	1_4293_01				262;12	12;34		1439;6	851;2		N8002							N;97	*kr;r*;*ak;w*;h;p;p;t;p;t;g;t;mw ;u;r;r*;hrw;ljcrnc;t;t*	9
F2847	N-02-008																					262;13													N;123		2
F2848	N-02-009							N61	N61			N61																										
F2849	N-02-010				B			N89	N89			N89	**67**		2	17	48																	2			4
F284A	N-02-011				B			N122	N122			N122	**98**			98																					*t;tbt;w;wwa;r;r*;hry*	1
N03. Sun with Uraeus																																					
F2860	N-03-001				F			N6E													150;2	262;14													*j;*393		3
F2861	N-03-002																					263;1															*w;gwg;r;r*;hrw*	1
F2862	N-03-003			133F4				N6	N6			N6	**1184**		106	818	260	1_4312	N6	N006	150;2	263;2	167;18	8;38	N;1300	847;1			3591	233	95	115		583	*j;*395		18

Vols	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
		Y							

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F28B7	N-03-024				F	S		DE214		DE214																				1								1
F28B8	N-03-025					S		N110	N110		N110																											1
N04. Sun; radiant; with rays																																					
F2890	N-04-001				B			N55	N55		N55		12		1	11					157,5	264,7	167,23	12,11	N,2000				11	5		1		11	N,119		12
F2891	N-04-002				C			DE106		DE106																				5	1							2
F2892	N-04-003																					264,8														N,117		2
F2893	N-04-004																					264,9														N,115		2
F2894	N-04-005				D			N108	N108		N108												168,19	12,86													N,717		3
F2895	N-04-006																					264,10														N,121		2
F2896	N-04-007				B			N55B	N55B		N55B																			25		1			1	N,120		4
F2897	N-04-008				E			N55C					2				2				N55C																	2
F2898	N-04-009				A			N8	N8		N8		1026	26	187	754	59	1_4348_00			N008B	150,5	264,11	12,13		847,3				209	10	26	35		122	N,127		16
F2899	N-04-010				F																	264,13														N,129		2
F289A	N-04-011				B			N8F			N8D		69			69		1_4348_02			N008D		264,14														N,133		5
F289B	N-04-012				A			N8A	N8A		N8A		142	2		61	79	1_4348_01				150,5	264,1; 167,21							774	57	9	7	3	78	N,131		14
F289C	N-04-013				B			N8D	N8D				3				3													5					2			3
F289D	N-04-014				B			N8B	N8B		N8B		1			1							265,1							42			1			N,125		5
F289E	N-04-015			133F5				N7	N7		N7		18			15	3	1_4334	N7		N007			167,22	12,12	N,1800		847,2											9
F289F	N-04-016			133F6				N8E											N8		N008	150,5				N,1900												4
F28A0	N-04-017				B			N56	N56		N56		10			10										N,1902			N8001									3
F28A1	N-04-018							N8C	N8C		N8C																											
F28A2	N-04-019							N65	N65		N65															1439,2												1
F28A3	N-04-020				F			N116	N116		N116		1			1																						1
F28A4	N-04-021							N123	N123		N123																											
F28A5	N-04-022							N126	N126		N126																											
F28A6	N-04-023				C			N55A	N55A		N55A		3	3												1438;16	850;12											3
F28A7	N-04-024							N116A																														
F28A8	N-04-025							N150																														
F28A9	N-04-026							N151																														
N05. Sun with wings																																					
F28B0	N-05-001				F																	265,2														N,175		2
F28B1	N-05-002				B			N58	N58		N58		4			4					157,6	265,3	167,25	12,17	N,1700	1438,17	850,9		23	4	3	3		2	N,169		14
F28B2	N-05-003							N58B	N58B		N58B											265,4														N,173		2

Vols	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
																		The sun, with a cobra (Naja haje), standing up, with expanded hood (Uraeus) at either side, heads below the sun-disk, with the left cobra wearing the red crown (S3) and the right cobra wearing the white crown (S1), with a goddess, seated, knees up, with covered legs and arms, with a headdress of bovine horns with a sun disk (F102), holding a holding a stem of papyrus with a bud (M131) or flower vertically (C9A) written between ... - ...						
										Y,(i)	Dendera Porte d'Hathor, p. 10,15, p. 78 (line 3).		N (manual)	N	N				Logogram n(.y)-sw.t-bi by=b (King of UE and LE, lord).	Insertion.				
													N (manual)	N	N					insertion. Lacunera xii, p. 183,8, pl. 109 is not recognisable.				
	Y									Y,(i)	Pahesi, ÄA 23, pl. V.	Y (in core)		Y				The sun, encircled by a circle of dots.	Classifier to scatter light, to illuminate (wsS).	Technically the source is a variant without the dot in the center.				
													N (manual)	N	N					Identical to F2897.				
													N (manual)	N	N					Practically a duplicate of F2840 (NS).				
													N (manual)	N	N					Practically a duplicate of F2840 (NS).				
																				Valeurs/Kurth tokens (Esna II 163,23, p. 281,13; 184,26, p. 304,4; 190,1, p. 310,9; Esna III 225,21, p. 75,9) could not be verified with an image.				
													Y (=D_JSesh/HG)		N									
													N (auto)		N					No sources given.				
													N (manual)	N	N					Misused for F2897.				
			karnac-made glyph with smaler circle in the middle																					
				The sign without a doubt exists, but I don't see the value for Unicode to have both the current sign and the dotted variant. Note moreover that currently in the TSL we don't yet make a distiction between 3 and four beams of light.						Y,(i)	KIU 4229, line 12.	Y (in core)		Y				A small circle (sun-disk) within a larger circle of dots.	Classifier to scatter light, to illuminate (wpS).				
																			The sun, within a halo, with three beams of sunlight coming from it.	Classifier light, shining, rising (iAa.w).	Not required for Unicode to include both the version with dot and without dot.			
N	Y									Y,(i)	TSL	Y (in core)		Y										
													N (manual)	N	N					Practically a duplicate of F298B (NBA).				
				The sign without a doubt exists, but I don't see the value for Unicode to have both the current sign and the dotted variant.															The sun, within a halo, with three beams of sunlight coming from it, resembling lines of triangles.	Classifier light, shining, rising (HSD.wt).	Not required for Unicode to include both the version with dot and without dot.			
N	cf. N8, JSesh N8A	Y								Y,(i)	TSL	Y (in core)		Y				The sun, with three beams of sunlight coming from it, resembling lines of triangles.	classifier sunfolk (Hrnm.t)				
	cf. N007, JSesh N8D	Y	DIFF							Y,(i)	TSL	Y (in core)		Y								Yes	
	cf. N8A	N																						
													N (manual)	N	N					Practicany a duplicate of F298B (N8A).	JSesh glyph slightly different		
																				Redrawn in place. (Redraw sign without a dot in the center.) Sign is a standardised simplification of F289B (N8), not to be confused with F298E (N7).			
				I have no idea where this is attested in the TLA, I wonder if it is not simply a N7 without inner detail.						Y,(i)	Dendera Porte d'Horus, p. 32,13, p. 119.	Y (in core)		Y				The sun, with a broad beam of light coming from below.	Classifier to shine (wbn).		redrawn in place		
																			The sun-disk upon a butchers block.	Logogram Xr.t-hrw (course (of the day); daily requirements)				
										Y,(i)	TSL	Y (vS.2)		Y				The sun, with thee beams of sunlight comine from it.	Classifier light, shining, rising (saDI).				
										Y,(i)	TSL	Y (vS.2)		Y				The sun, with a halo, with two sets of three beams of light coming from it, ending in hands.	Classifier light, shining, rising (sHD).	Token might have ankh signs in the hands.			
				Other TLA attestations seem to be simply a N8 with more lines than 3. JEA 39 (Gardiner, 7+32 has a variant with 4 arms instead.						Y,(i)	Davies, Amarna VI, pl. XXXII, west architrave.	Y (in core)		Y										
													N (auto)		N					No sources given.				
																				Supposedly occurs in some type of Theban stundardtalk, tomb 6 according to the TLA slip (ar.yt).				
													N (auto)		W						star or shining sun	Wait	
				not a single sign, but two separate (N7 and U177), see Louvre C1, line 1.																				
													N (auto)		N					Not supported.				
													N (auto)		N					No sources given.				
													N (auto)		N					No sources given.				
			but design 90° rotated; 2 of 3 instances in PT rotated 90°; check shape																					
	Y		DIFF	Grapheme should not only be rotated, but also changed into dots, rather than strokes. Class of N55 without internal detail.						Y,(i)	Pepi I, P/V/W 28, (PT 1455a), MFAO 118, fig. 45.	Y (in core)		Y				A dotted oval.	Classifier to scatter light, to illuminate (wpS).	**Redrawn in place.** (Redraw rotated 90° and replacing the strokes with dots instead.)	redrawn in place		
											Cairo CG 28088 (B16C), back, interior, column 150 (CT I,196,b).	Y (in core)		Y				The sun, with two short horizontal strokes on either side of the sun-disk, on top of an irrigation canal	Classifier solar period (rnp.t).	Found and verified by Tobias Konrad, AKU project.			Additional row
										Y,(i)	Cairo CG 28088 (B16C), back, interior, column 70 (CT I,196,b).	Y (in core)		Y				The sun, written above two horizontal strokes.		Found and verified by Tobias Konrad, AKU project.			Additional row
																			The sun, written above a horizontal stroke.	Classifier solar period (dwAw).	Found and verified by Tobias Konrad, AKU project. Not just arrangement of N5:21A.			Additional row.
																					Duplicate of F28B3 (N58A)			
				Beleg 1 (Edfu VIII, 60,14, photo 0075) is N58A. Beleg 2 is too unclear (Edfu VII, 92,15-17, photo (wall) 385) to be certain, but I would argue more for N58A. Beleg 3 (same as Beleg 2) is too unclear as well. Beleg 4 (Edfu VIII, 52,11, photo 0068) is too damaged as well.						CIP 23, Medinet Habu III, pl. 157-158, leftmost column.	Y (in core)		Y				The sun, with the fully extended wing of a bird (HS) on either side, arranged horizontally.	Classifier to spread out (hdy).	F28B3 (N58A) without uraei.			
													N (auto)		N					No sources given.				

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequ nce	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val Weight
F28B3	N-05-004				A	22	N58A	N58A			N58A	57			23	34	1_4307				157,6	265,5							48	7	1	4				9
F28B4	N-05-005				E		N133A	N133A			N133i																		1		1					2
F28B5	N-05-006																					265,6												K;65		2
F28B6	N-05-007						N133C															265;7												N;177	*wsxt bity*	2
F28B7	N-05-008				D		N58C	N58C			N58C	1			1																	1			N;191		3
F28B8	N-05-009						N125	N125			N125																										2
F28B9	N-05-010				F																	265;8												N;163	*pr*	2
F28BA	N-05-011				A		N59	N59			N59i										157;7	265,9	167;26	12;16					94		4	14		19	N;165		9
F28BB	N-05-012				F																	265;10												N;167	*r*pr;pr*	2
F28BC	N-05-013				F		N59A	N59A			N59A											265;11												N;171	*pr*	2
F28BD	N-05-014				D		HA28D2															265;12									1	2		N;181	*hhh;dkr*	4
F28BE	N-05-015				C		N60	N60			N60	3				3						265;1	167;27	12;18									4	1	N;179		7
F28BF	N-05-016																					265;14													*i;439*	2
F28C0	N-05-017						N60B	N60B			N60B											265;15												N;185	*pr;hhdi*	2
F28C1	N-05-018				B		N60A	N60A			N60A	21			15	6						266;1		12;18						2	1	1	3		N;183	*wbn;wsxt bity*	9
F28C2	N-05-019				C		N132	N132			N132																			4			2		N;187	*wbn;r*	3
F28C3	N-05-020				B		N133	N133			N133											266;3	167;24	12;19						23			4		N;189	*wbn*	6
F28C4	N-05-021				F																	266;4													N;197	*pr;wsxt bity*	2
F28C5	N-05-022				B		N132B	N132B			N132i											266;5								12		4			N;195	*r*pr;wbn*	4
F28C6	N-05-023				C		N132A	N132A			N132i											266,6	167;24							3					N;193		4
F28C7	N-05-024				B		N133B	N133B			N133i																			15		1	1				3
F28C8	N-05-025				F		N146		N146																					1							1

Vols	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
		Y/URA EUS																The sun, with a cobra (Naja haje), standing up, with expanded hood (Uraeus) at either side (N58), with the fully extended wing of a bird (H5) on either side, arranged	Logogram apy (the winged scarab/hundisk).	F28B1 (N58) with uraei. Slightly smaller variant of F28B3 (N58A).				
										Y;i	TSL	Y (in core)		Y								var N58A (smaller)		
												N (manual)	N	N		F29B3								
												N (auto)		N						No sources given.				
																		The sun, with a cobra (Naja haje), standing up, with expanded hood (Uraeus) at either side (N58), with the fully extended wing of a bird (H5) on either side, arranged horizontally; with the horns of a ram on top of the sun disk, with the white crown (S1), facing left to right, overlapping the red crown (S2), facing right to left, on top							
										Y;i	Edfu IV, p. 11,3.	Y (in core)		Y					Classifier Horus of Edfu (bHd.ty)	Verified by Peter Dils. Draw without the F18:D46-X1:O49 groups above the wings. FONT MAKERS: SIGN SHOULD ALLOW FOR INSERTIONS ABOVE EACH WING. Karnak (KIU 789, line 12) and TLA token are technically somewhere between sign and iconograpy. Valeurs refers to WB II, p. 331, which is not a practical form to look through. Dendera, Porte d'Horus, p. 32,13, p. 119 is a variant with the wings sloping downwards (i.e., F28C3 (N133) without the corners of the wings.			Yes	
				TLA token is technically iconographical in my opinion (winged top of a stela).								N (manual)	N	W									Wait	
												N (auto)		N						No sources given.				
												N (auto)		N						Useless variant of F28BA (N59), not a meaningful variant for unicode.				
											Dendera Porte d'Hathor, p. 22,9, p. 91 (col. 8).							The sun, with the fully extended wing of a bird (H5) on the front side, arranged horizontally.	Logogram pri (to go forth).				
										Y;i		Y (in core)		Y										
												N (manual)	N	N						Practically a duplicate of F28BA (N59).				
																				Transcription only, Chassinat, Mammisis Edfu I, p. 55,5.				
												N (auto)		N						Rotation of F28BA (N59).				
												N (manual)	N	N								Hathor 18,11 Horus 59		
				I am not sure if this is truly a distinct sign, as it always is connected with DHwty							KIU 3946, line 1 (over the shoulder of Thot); Edfu V, p. 6,8.							A sun-disk with wings at a 90° angle.	Classifier divinity (DHwty).	s.nu token vennes with an image from Philipp Seyr. In Edfu token it should be considered logogram bHd.t (Edfu).				
		Y								Y;i		Y (in core)		Y										
												N (auto)		N						No sources given.				
												N (auto)		N						No sources given.				
		Y/URA EUS		Only occurs in connection with DHwty or Hapi.						Y;i	KIU 4225, line 1.	Y (in core)		Y				A sun-disk with wings at a 90° angle, with an uraeus coming from the sun-disk, filling the space between the two wings.	Classifier divinity (DHwty).	Logogram bHD.ty in Edfu, but I doubt that fits with Thot in Karnak. Verified by Peter Dils. Technically exists, but is more elaborate (the other Dendera XV tokens fit F28C9 more). **Redrawn in place**. (Redraw sign with the same format as F28C9, but without the Uraei.)	???			
										Y;i	Dendera XV, p. 338,3	Y (in core)		Y				A sun-disk with wings, angled downwards.	Logogram n(.y)-sw.t-bi.ty (King of UE and LE).		redrawn in place			
											Dendera Porte d'Horus, p. 48,13, p. 135, bandeau.							The sun, with a cobra (Naja haje), standing up, with expanded hood (Uraeus) at either side, heads below the sun-disk (N60), with wings, angled downwards.	Logogram n(.y)-sw.t-bi.ty (King of UE and LE).	Note that the wings are not this angular in the original.				
										Y;i		Y (in core)		Y										
												N (manual)	N	N						Uspiscare or r.ae,/ (N133B).				
		Dendera Porte d'Hathor, p. 32,9, p. 100.								Y;i		Y (in core)		Y				The sun, with three beams of sunlight coming from it, resembling lines of triangles (N8A), with wings, angled downwards.	Logogram wbn (to rise, to shine).	In the token, the wings do not make such corner in the wings. Note that the wings are not this angular in the original. Verified with an online image (https://www.dreamstime.com/part-ceiling-ancient-egyptian-temple-dendera-goddess-nut-devouring-sun-turquoise-depiction-image218208967).				
										Y;i	Dendera XV, p. 47,2.	Y (in core)		Y				The sun, with a broad beam of light coming from below (N8B), with wings, angled downwards.	Classifier winged sun-disk (spy)	Valeurs token (Daumas, Mammisis Dendera, 145,4; 222,14) could not be verified with an image.				
											Dendera Porte d'Hathor, p. 24,16, p. 93 (bandeau).							The sun, with a cobra (Naja haje), standing up, with expanded hood (Uraeus) at either side, heads below the sun-disk (N60), with a broad beam of light coming from below, between the cobras; with wings, angled downwards.	Logogram wbn (to rise, to shine).	Note that the wings are not this angular in the original.				
										Y;i		Y (in core)		Y										
												N (manual)	N	N						(Dendera Porte d'Isis, p. 25,4, pl. 30, top image, bandeau) is not this sign, as the wings of the winged sun disc only dip a little bit, and are fully decorated. F28CA would be a closere representation of this sign, but even that would be an overinterpretation. Sign is more based on F28B7 (N58C), with the wings dipping down to the hight of the Uraei.				

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sis | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unlker | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sis | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | VP Val ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sta | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikee | Caurw | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2025) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weleti | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
F29AC	N-11-045			13231				NL17			NL17	NL17								Nm11	Ni1017																2
F29AD	N-11-046			13232				NL17A			NL17i	NL17i								Nm11	Ni1017A																2
F29AE	N-11-047			13236				NU1			NU1	NU1								Nm11	NU001																2
F29AF	N-11-048			13242				NU11A			NU11	NU11								Nm11	NU011A																2
F29BD	N-11-049							N121	N121			N121																									
N12. Irrigation channels																																				
F29C0	N-12-001			13416				AA8	AA8			AaB	**289**		112	170	7	1_1065	AaB	AA008	249;2	474;1	175;26	12;39			882;7			10					4	N;357	𓇋𓏏𓊪𓂋𓐍𓂧𓏲𓈖𓆑𓂧𓇋𓏏𓊪𓂋𓐍𓂧𓏲𓈖𓆑𓂧𓇋	14
F29C1	N-12-002																					474;13														Z;15	2
F29C2	N-12-003																					475;1														Z;17	2
F29C3	N-12-004																					475;2														Z;13	2
F29C4	N-12-005																					475;4														AA;1	2
F29C7	N-12-006																					485;9														AA;3	2
N13. Mountain range (desert)																																				
F29D0	N-13-001			13209				N25	N25			N25	**5088**	99	1235	3000	754	1_4227	N25	N025	153;5	272;8	168;5	12;59	N;4000		848;7			492	142	19	24	70	686	N;465	20
F29D1	N-13-002			1320A				N25A				N25A						1_4227	N25*	N025A	153;5	272;9														N;467	6
F29D2	N-13-003																					272;10														N;469	2
F29D3	N-13-004																					272;11														N;471	2
F29D4	N-13-005				C			N76	N76			N76	**5**			5					158;8	272;1	168;6	12;65			850;18			1						N;503	8
F29D5	N-13-006				B			N76A	N76A			N76A	**7**			7		1_4344							N;4300		851;1									N;507	5
F29D6	N-13-007				A			N77	N77			N77	**56**		1	55					159;1	272;13			N;4020			n322bis v3		18	15	6	4	7	34	N;481	13
F29D8	N-13-008				F	S		N79	N79			N79										272;15														N;493	2
F29D9	N-13-009				F	S		N80	N80			N80										273;1														t;117	2
F29DA	N-13-010				F	S																273;2														N;497	2
F29DB	N-13-011				E	s		N81	N81			N81										273;3		12;64												N;501	3
F29DC	N-13-012				D			N82	N82			N82	**2**	2											N;4040	1439;4											3

Vots	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
				Based on the available tokens (including Mariette and Iskander), I wonder if the bow is ever facing outwards.					
				Only in transcription, Marriette, Abydos I, pl. 11, nr. 11; 70; 91. Every Calverley, Abydos 4 token (pl. 11 and 42) has the water below the V28*53.					
	cf. N76; check shape of both	Y							
	cf. N76A; check shape of both	Y							

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
								A tusk or an elephant (F18), above a human hand (D46); above a half round loaf of bread (X1) beside a plan of a crossroads in a village (O49); on top of a standard used for carrying religious symbols (R12), written on top of a parcel of land with irrigation ditches			
Y;I	KIU 1559, line 1.	Y (v5.2)		Y					Logogram bHd.t (Behdet, 17th Lower Egyptian nome).		
								A windpipe and lungs (F36), in front of a cluster of signs consisting of a tusk of an elephant (F18), above a human hand (D46); above a half round loaf of bread (X1) beside a plan of a crossroads in a village (O49); on top of a standard used for carrying religious symbols (R12), written on top of a parcel of land with irrigation			
Y;I	Dendera X, pl. 218, top image, second figure from the left.	Y (v5.2)		Y					Logogram smA-bHd.t (17th Lower Egyptian nome (Diospolis)).		
								A strip of land (N17), above a cluster of signs consisting of a bow, of an archaic type (Aa23), in front of a half round loaf of bread (X1), over a strip of land (N17); on top of a standard used for carrying religious symbols (R12), written on top of a parcel of land with			
R;I	KIU 1507, line 1.	Y (v5.2)		Y					Logogram tA-sty (Nubia, 1st Upper Egyptian nome).	**Redrawn in place.** (Redraw with the bow mirrored.)	
								A wick of twisted flax, consisting of 3 loops (V28), in front of the red crown (S3), in front of three ripples of water, vertically aligned above one another (N35A); on top of a standard used for carrying religious symbols (R12), written on top of a parcel of land with irrigation ditches (N24).			
Y;I	Marriette, Abydos I, pl. 11, nr. 11; 70; 91.	Y (v5.2)		Y					Logogram Hw-n.t (11th Upper Egyptian nome (commonly under stX/st5/SA).	Transcription only. *Inclusion in corr based on principle, not verification with image.*	
		N (auto)		N						No sources given.	
Y;I	TSL	Y (v5.2)		Y				A single line of irrigation canals.	Logogram spA.t (nome, district).		
		N (auto)		N						No sources given.	
		N (auto)		N						No sources given.	
		N (manual)	N	N						reDraw on r.side (AaB8A).	
		N (auto)		N						No sources given.	
		N (auto)		N						No sources given.	
Y;I	TSL	Y (v5.2)		Y				The hill country over the edge of the cultivated areas.	Classmar foreign land, desert (xAs.t).		
		N (manual)	N	N						Resized form of F29D0 (N25).	
		N (manual)	N	N						Practically a duplicate of F29D0 (N25).	
		N (manual)	N	N						Practically a duplicate of F29D0 (N25).	
Y;I	P. Turin 1791 (BotO), chapter 31, col. 3.	Y (in core)		Y				The hill country over the edge of the cultivated areas (N25), on top of a standard used for carrying religious symbols, with a loop under the horizontal beam, running over the vertical pole (R12A).	Logogram AtS.t (12th Upper Egyptian nome).	Note that the function is rare, reading logogram HA (Ha, divinity) is more common for this sign.	
Y;I	TSL	Y (in core)		Y				The hill country over the edge of the cultivated areas (N25), on top of a standard used for carrying religious symbols (R12).	Logogram HA (Ha (divinity).		
Y;I	Edfu VIII, 33,2; 9, Bartels photo 0048.	Y (in core)		Y				The hill country over the edge of the cultivated areas (N25), with a throwing-stick, or a club used by foreign people (T14), written on top of the middle hill.	Logogram sAs.t (foreign land/desert).		
								A spear mace into a standard, resembling a fire-drill in a piece of wood (U28), with a loop over the standard (Isesh R15A), on top of the hill country over the edge of the cultivated areas (N25), with a half round loaf of bread (X1) on either side			
Y;I	Dendera VIII, p. 67,17.	N (manual)	N	N				of the pole of the	Logogram iAb.tt (the east).	Insertion. Base sign covered by F363F (R76). Verified by Peter Dils.	
		N (auto)		N						Overlay. No sources given in Valeurs.	
										Compare insertion/overlay. Valeurs refers to Gautier, DG V, 197, which does not have this specific form.	
		N (manual)	N	N						Complex insertion/overlay. Valeurs refers to Gautier, DG V, 197, which does not have this specific form. (as Kurth states as well).	
		N (manual)	N	N						>appx according to the TLA, but it is doubtful (as this sign seems to be a hapax, and the same text is in the TLA only attested in Unas, which did not add	
Y;I	Pepi I, P)'V/W 53, (PT 1869–c), MIFAO 118, pl. XX.	Y (in core)		Y				The hill country over the edge of the cultivated areas, with a reed or plant on each hill.	Classifier location (ty).		

Comment MS	Change (Berlin)	Changes (post 19-02-2023)
redrawn in place		
	Yes	

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val Weight
F29DD	N-13-013				E			N117	N117			N117													N;4060					1						N;409	2
F29DE	N-13-014			13208				N26	N26			N26	**2199**	226	495	1410	68	1_4228	N26	N026	154;1	273;4	168;1	12;42	N;4200		848;8			350	33	8	11	6	109	N;409	20
F29DF	N-13-015				F																	273;5													N;413	2
F29ED	N-13-016				F																	273;6													N;407	2
F29EF	N-13-017				F																	273;7													N;411	2
F29E2	N-13-018				D			N149		N149										N149										3							2
F29E3	N-13-019				A			N83	N83			N83	**66**			65	1				159;2	273;8		12;56		1439;5				11	26	1		1	18	N;457	12
F29E4	N-13-020				B	S		N109	N109			N109	**13**			13								12;62						2					1	N;483	5
F29E5	N-13-021				C			N85	N85			N85	**4**			4					159;3	273;1	168;4	12;57						3					1	N;459	8
F29E6	N-13-022				F	S																273;11													N;458	2
F29EE	N-13-023				F			ES170	ES170																					1							1
F29E7	N-13-024					S		N86	N86			N86										273;12													N;463	2
F29EB	N-13-025				F			N118A	N118A			N118									160;4										1						2
F29E9	N-13-026				C			N118	N118			N118									160;4		167;48							4						N;443	3
F29EA	N-13-027			13243				NU12		NU12	NU12								Nnu1	NU012										3							2
F29EB	N-13-028				C			N115	N115			N115	**3**			3								12;44						3						N;443	4
F29EC	N-13-029				F			N88	N88			N88																								QR;523	1
F29ED	N-13-030				B	S		N87	N87			N87	**6**			6														25							2
N14. Sand																																					
F2A00	N-14-001																					273;13													Z;3	2
F2A01	N-14-002			13213				N33A	N33A			N33A	**1964**	439	21	1500	4	1_4252_00	N33*	N033A	155;1	273;14					849;4			684	41	42	19	14	270	Z;1	17
F2A02	N-14-003																					274;1															1
F2A03	N-14-004				A	S		N33B	N33B			N33B	**203**		203			1_4252_02											N033B						10		4
F2A04	N-14-005				C			N33C										1_4252_01		N033C																	2
F2A05	N-14-006			13212				N33	N33			N33	**9462**	521	1837	4870	234	1_4251	N33	N033		274;2		2;24 12;14			849;3			1729	135	80	44	281	672		16

Vois	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sis	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhon	Weight
N35. Sunrise over mountain (horizon)																																				
F2A10	N-15-001				F																	274;3													N;415	2
F2A11	N-15-002			1320C				N27	N27			N27	**1766**		224	1436	86	1_4229	N27	N027	154;2	274;4	167;15	12;47	N;4500	848;10				581	11	17	52	12	131	N;417	19
F2A12	N-15-003				F																	274;5													N;419	2
F2A13	N-15-004				F			N27A	N27A			N27A																							N;427	1
F2A14	N-15-005				D		S	N91	N91			N91										159;4	274;6	12;48											N;421	4
F2A15	N-15-006				B		S	N92	N92			N92	**4**			4						159;5	274;7	167;17	12;50						8		1		N;425	8
F2A16	N-15-007				F		S	N92A		N92A																					1					1
F2A17	N-15-008				F		S	N136	N136			N136										160;7		12;49											N;423	3
F2A18	N-15-009				F		S	N145		N145																					1					1
F2A19	N-15-010						S	N93	N93			N93										274;8													N;77	2
F2A1A	N-15-011						S	N131	N131			N131										274;9													N;79	2
F2A1B	N-15-012						S	N94	N94			N94																									1
F2A1C	N-15-013				C			N95	N95			N95										159;6	274;1	167;16	12;52							1			N;439	6
F2A1D	N-15-014							N96	N96			N96											274;11			N;4501									N;437	3
F2A1E	N-15-015				D			N138	N138			N138												12;51							1				N;431	3
F2A1F	N-15-016				F			N137	N137			N137																							N;429	1
F2A20	N-15-017				D			N148		N148																					3					1
N16. Rising sun																																				
F2A30	N-16-001			1320D				N28	N28			N28	**4491**	185	1146	1014	2146	1_4231_00	N28	N028	154;3	274;1	167;13	12;15	N;4600	848;10				164	15		1	9	31	N;147	19
F2A31	N-16-002				F																	274;13													N;143	2
F2A32	N-16-003																					274;14													N;149	2
F2A33	N-16-004				A			N28B	N28B			N28B	**5**				5	1_4231_02			154;3	275;1								1044	184	48	63	356	N;145	10
F2A34	N-16-005				F																	275;2													N;141	2
F2A35	N-16-006				F																	275;3													N;151	2
F2A36	N-16-007				C			N28A	N28A			N28A	**4**				4	1_4231_01				275;4													N;153	4
F2A37	N-16-008							N28D	N28D			N28D										275;5													N;161	2
F2A38	N-16-009				F			N28F												N028F		275;6													N;159	3
F2A3A	N-16-010							N28E																												

Index	Comment DW	Vote DW Core (2021)	DW differentiality	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiality	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F2A10												N (manual)	N	N						Duplicate of F2A11 (N27).				
F2A11												Y (v5.2)		Y				The sun rising over a sand covered mountain over the edge of the cultivated areas.	Logogram A.s.t (horizon).					
F2A12												N (manual)	N	N						Meaningless variant of F2A11 (N27).				
F2A13												N (auto)		N						vaeurs toxen (Dendera IX, p. 68,7) could not be verified by an image.				
F2A14												N (manual)	N	N						Insertion. Kurth/Valeurs/Cauville all use the same source, Dendera V, p. 64,12, pl. CCCLIV (bandeau), but the sign is not really clear there (more incised than relief), and I cannot say with certainty if it is male or female, as there is no beard.				
F2A15										?	DIFF	Would be great if it could be done by insertion.						A falcon (G5), written inside the sun-disk of the sun rising over a sand covered mountain over the edge of the cultivated areas (N27).	Logogram nTrt (eternity).	Insertion. If insertion is only based on functionality, this needs to become atomic.		Yes	
F2A16												N (manual)	N	N				headdress consisting of a sun-disk between the horns of a bovid (G112), written inside the sun-disk of the sun rising over a sand covered mountain over the edge of the cultivated areas (N27).	Logogram Ax.tyt (She of the horizon).	Insertion.			
F2A17												N (manual)	N	N				A child, seated on nothing, forelegs separated, right arm raised with hand to mouth, left arm hanging beside the body (A17), written inside the sun-disk of the sun rising over a sand covered mountain over the edge of the cultivated areas (N27). A goddess, seated, knees up, with covered legs and arms, with a headdress of bovine horns with a sun disk (F102), holding a holding a stem of papyrus with a bud (M131) or flower vertically (C9A), written inside the sun-disk of the sun rising over a sand covered mountain over the edge of the cultivated areas (N27).	Logogram Ax.t (horizon).	Insertion. Verified by Peter Dils.			
F2A18												N (manual)	N	N					Logogram Ax.tyt (She of the horizon).	Insertion.				
F2A19												N (manual)	N	N						Insertion. No sources given.				
F2A1A												N (manual)	N	N						Insertion. no sources given.				
F2A1B												N (manual)	N	N						Insertion. No sources given.				
F2A1C												Y (in core)		Y				A knife with a triangular blade and straight handle (T10A), on top of the sun rising over a sand covered mountain over the edge of the cultivated areas (N27).	Logogram xb.t/nm.t (place of execution/slaughter).	A T102 variant, functionally at least.			
F2A1D												N (auto)		W					Logogram A.s.t (horizon (in Ax.t-tm)).	Tomb of Wahu, Amarna IV, pl. 20, 22. Facsimile only, and seems to be a document hapax. I would prefer to see an image before adding this to (ASAE 17, Daressy, p. 89, (Cairo JdE 47057)) could not be verified with an image. JH-D token (Dendera XIV, p. 57,13, commentaire pl. XXI), my image is too poor, but the traces I can see on my image suggest this might be correct.		Wait	
F2A1E												Y (=>D,JSeh/HG)		N				The sun rising over a sand covered mountain over the edge of the cultivated areas, with three beams of sunlight coming from it, resembling lines of triangles.	Logogram nTrt (eternity).	JH-D tokens (Dendera XIII, p. 116,6; 116,9; Dendera XV, p. 266,9) could not be verified with an image.			
F2A1F											ASAE 40 (Drioton), p. 358, nr. 129	Y (in core)		Y										
F2A20												N (auto)		N										
F2A30										Y/I	TSL	Y (v5.2)		Y				A hill with a halo of sun rays behind it.	Phonogram xa.					
F2A31												N (manual)	N	N						variant of F2A3D (N28).				
F2A32												N (manual)	N	N						variant of F2A3D (N28).				
F2A33				Graphical variant does exist, but I agree that it would be better to simplify for Unicode (i.a, only N28).						Y/I	TSL	N (manual)	N	N				A hill with a halo of sun rays behind it, with a wavy top line.	Phonogram xa.	Not a meaningful variant of F2A3D (N28).			
F2A34												N (manual)	N	N						Practically a duplicate of F2A36 (N28B).				
F2A35												N (manual)	N	N						Practically a duplicate of F2A36 (N28A).				
F2A36				Graphical variant does exist, but I agree that it would be better to simplify for Unicode (i.a, only N28).						Y/I	TSL	N (manual)	N	N				A hill with internal detail, with a detailed halo of sun rays behind it.	Logogram xai (to appear, to be shining).	Not a meaningful variant of F2A3D (N28).			
F2A37												N (auto)		N						No sources given.				
F2A38										Y/I	Osing & Rosati, Tebtynis (1998), pl. 20,a-b, left column (w5), line 18.	Y (in core)		Y				A hill, with a halo of sun rays behind it, represented as separate rays.	Logogram xai (to appear, to be shining).	certain it is worthwhile to distinguish between the different N28 forms.	new glyph	Yes	
F2A3A												N (auto)		N						No sources given.				

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
N17. Sand slope; hill with shrubs (mound)																																					
F2A50	N-17-001			1320E				N29	N29		N29	13218	1303	5183	5831	901	1_4236	N29	N029	154;4	275;8	168;9	12;66	N;4701	848;11				973	130	45	33	99	1425	N;509	20
F2A51	N-17-002				F																	275;10													N;511	2
F2A52	N-17-003																					275;11													N;513	2
F2A53	N-17-004			1320F				N30	N30		N30	417	357	5	52	3	1_4238_00	N30	N030		275;1	168;7	12;68	N;4800	848;12					1				2	N;523	15
F2A54	N-17-005				A			N30A	N30A		N30A	235			229	6	1_4238_01			154;5	275;13		12;68					N030	183	9	1	15	9	75	N;525	14
F2A55	N-17-006				F																	275;14													N;527	2
F2A59	N-17-007				F			ES213		ES213										N030D										1						2
F2A56	N-17-008				C			N30C			N97	4			4				N097	159;7	275;1	168;8													N;529	6
F2A57	N-17-009				B			N97	N97										N097E	159;7	276;1		12;69						83		9	3			N;531	8
F2A58	N-17-010				F	S		N30B													276;2													N;533	2
N18. Road bordered with shrubs (road)																																					
F2A60	N-18-001				F																	276;4													N;539	2
F2A61	N-18-002				A			N31H	N31H		N31h	41			41					154;6	276;5								99	2	1			81	N;545	8
F2A62	N-18-003			13210				N31	N31		N31	3475	443	1046	1884	102	1_4240_00	N31	N031		276;6	168;11	12;70	N;5000	848;13				2					32	N;543	15
F2A63	N-18-004				C			N31K									1_4240_03																			1
F2A64	N-18-005																					276;7													N;547	2
F2A65	N-18-006				D			N31J														276;8													N;541	2
F2A66	N-18-007				B			N31E	N31E		N31E	1			1							276;9												17	N;549	4
F2A67	N-18-008				F																	276;10													N;551	2
F2A68	N-18-009				A			N31F	N31F		N31F	81			81		1_4240_02			154;6	276;11								272	21	9	11	1	8	N;553	11
F2A69	N-18-010				B			N31G	N31G		N31G	2			2					154;6	276;12								6						N;555	5
F2A6A	N-18-011							N31C	N31C		N31C											276;13													N;557	2
F2A6B	N-18-012				C			N31A	N31A		N31A	8			8		1_4240_01				276;14					849;1									N;559	5
F2A6C	N-18-013							N31I	N31I		N31I										276;15													N;535	2
F2A6D	N-18-014							N31D	N31D		N31D										277;1													N;537	2
F2A6E	N-18-015							N31B	N31B		N31B																										1
F2A6F	N-18-016				F			ES08B		ES08B																				1						1
F2A70	N-18-017				C			ES115		ES115																				6						1
N19. Water																																					
F2A80	N-19-001			13216				N35	N35		N35	2E+05	27079	82600	92270	22246	1_4255_00	N35	N035	155;3	277;2	168;16	12;71	N;5600	849;6				9992	1597	341	412	1496	5583	N;561	20
F2A81	N-19-002			13217				N35A	N35A		N35A	8004	246	3768	3720	270	1_4256	(N35)	N035A	156;1		168;8	12;73	N;5700	849;7				4		2	6	74	193	N;577	18
F2A82	N-19-003				B			N35B	N35B		N35B	10			6	4	1_4255_01											N035B								4
F2A83	N-19-004																					277;3													N;563	2
F2A84	N-19-005																					277;4													N;565	2
F2A85	N-19-006																					277;5													N;567	2

Index	Comment DW	Vote DW Core (2021)	DW differentiy	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiy	Comment SP
F2A50									
F2A51									
F2A52									
F2A53				exists, but I am not sure it it should be included in Unicode.					
F2A54		Y							
F2A55									
F2A59									
F2A56		?	DIFF	All TLA tokens are from Edfu, which uses F2A57 (N97).					
F2A57									
F2A58									
F2A60									
F2A61		Y							
F2A62									
F2A63									
F2A64									
F2A65									
F2A66				TLA beleg (Edfu VII,26,6, photo (wall) 2864 is N31H.					
F2A67									
F2A68		Y	DIFF	Current TSL token could be argued to be N31h instead (needs to be moved to N31h in TSL), which is true for the TLA sources as well (which are more N31h than N31F, for the 10 or so I checked (I did not verify every single one of the 81 attestations), I doubt this extreme V shape actually exists.					Not a meaningfull semographic variant
F2A69	insignificant variant?	N		Beleg 2 (Edfu VIII, 55,18, photo 0070) is actually N31h, Beleg 1 is already marked as 'var' in TLA. If this form indeed exists, it would probably look more like N31h, (i.e., no V shape).					
F2A6A									
F2A6B		Y							
F2A6C									
F2A6D									
F2A6E									
F2A6F									
F2A70									
F2A80									
F2A81	rotated version of N035; > 50% mirrored in TLA	N		Exist, but can be achieved with rotation. Karnak examples are used for constructs with other signs (rain from the sky, or from an eye).					
F2A82									
F2A83									
F2A84									
F2A85									

Index	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F2A50	Y/I	TSL	Y (v5.2)		Y				A sandy hill slope.	Phonemogram q.					
			N (manual)	N	N						variant of F2A50 (N29).				
			N (manual)	N	N						variant of F2A50 (N29).				
F2A53	Y/I	TSL	Y (v5.2)		Y				A hill with shrubs.	Logogram hill, mound (iA.1).			~~		
	Y/I	TSL	Y (in core)		Y				An enclosed hill, with a shrub at the top.	Logogram hill, mound (iA.1).	seems to be a late period/Ptol. Preferred form of N30.				
			N (manual)	N	N						Practically a duplicate of F2A54 (N30A).				
F2A54											F2A56 (N30A) without the triangle on the rounded section. Verified by Peter Dils. Function is a guess, as this sign might be a coffin or shrine as well. If not functionally a hill, this sign should probably be left out (as it would be covered by F3404 (Q6A).				
F2A59	Y/I	Esna VII, 554,8, p. 21,2	Y (in core)		Y				An enclosed hill, without a shrub at the top.	Logogram hill, mound (iA.1).	To my knowledge the name iA.1-dii does not occur before the late period, so it would be unlikely this group exists using the earlier style hill.		~~		
F2A56			Y (n=D_ISeh/NG)		N										
		Dendera Porte d'Hathor, p.43,9, p. 110 (line above the scene).							An enclosed hill, with a shrub at the top (N30A), on top of a conical loaf of bread (X8).	Logogram iA.1-dii (Dendera).					
F2A57	Y/I		Y (in core)		Y										
F2A58			N (manual)	N	N						Insertion.				
F2A60			N (manual)	N	N						F2A61 (N31H) or F2A62 (N31) in Valeurs.				
F2A61		Edfu VIII, 89,2, Bartels photo 0115.							A oval road, with three shrubs resembling flowers written over it, with the middle flower oriented with the flower downwards.	Phonemogram rr.					
	Y/I		Y (in core)		Y										
F2A62	Y/I	TSL	Y (v5.2)		Y				A road with two shrubs at the top, and one at the bottom.	Logogram wA.t (road).					
F2A63									A road with two shrubs at the top, and one at the bottom, without vertical lines on the oath.	Logogram wA.t (road).	A rather unique class in TSL, not valuable for Unicode.				
	Y/I	TSL	N (manual)	N	N						Rotated form of F2A62 (N31).				
			N (manual)	N	N										
F2A64									A road consisting of two horizontal lines, with three shrubs resembling flowers written over it, with the middle flower oriented with the flower downwards.	Classifier entirely, quite, at all (ns)	exists, (66 attestations in Karnak), but I am not sure if it would be a meaningful variant for Unicode, and I find it likely it will often overlap with F2A61 (N31H)				
F2A65	Y/I	KIU 3941, line 6.	Y (in core)		Y									Yes	
											not have the open 'r' shapes, and I highly doubt it would be a meaningful variant of F2A68 (N31F) or F2A65 (N31i). I currently have no access to Athribis, where it occurs 17 times.				
F2A66			Y (n=D_ISeh/NG)		N										
F2A67			N (manual)	N	N						Practically a duplicate of F2A68 (N31F)				
F2A68	Y/I	Dendera X, p. 289,2, pl. 169, col. 23.	Y (in core)		Y				A curving path in a V shape, with three shrubs resembling flowers written over it, with the middle flower oriented with the flower downwards.	Classifier window (wsy).	Occurs, but in many cases it is nearly impossible to distinguish between F2A68 (N31F) and F2A61 (N31H). Therefore, it is probably better to only include F2A61.			Yes	
F2A69	Y/I	Dendera X, p. 67,12, pl. 35, bottom image, bandeau frieze.	Y (in core)		Y				A curving path in a V shape, with three shrubs resembling flowers written over it, with the middle flower oriented with the flower downwards, with a loop and tie at the right side.	Logogram wA.t (road).	Rare variant, but does occur. However, as with F2A68 (N31F), I think F2A61 would be sufficent for Unicode.			Yes	
F2A6A			N (auto)		N						No sources given.				
F2A6B	Y/I	TSL	Y (in core)		Y				A road with three shrubs at both sides.	Classifier road, path (wA.t)					
F2A6C			N (auto)		N						No sources given.				
F2A6D			N (auto)		N						No sources given.				
F2A6E			N (auto)		N						No sources given.				
F2A6F	Y/I	Esna VII 586,00, p. 105,3	Y (in core)		Y				A rectangular road, with two ties at the top right corner, with three shrubs resembling flowers written over it, all flowers at the top.	Logogram hAw (time).	Exists (verified by Peter Dils), but the sign is a bit different, and unlikely to be a meaningful variant of N31F/N31G. Function is a guess.			Yes	
											Even if the wavy lines are intentional, and based on the verification of Peter Dils I am not certain, I do not consider this a meaningful variant for Unicode.				
F2A70			N (auto)		N										
F2A80	Y/I	TSL	Y (v5.2)		Y				A ripple of water.	Phonemogram n.					
F2A81	Y/I	TSL	Y (v5.2)		Y				Three ripples of water, vertically aligned above one another.	Logogram mw (water).					
F2A82	Y/I	TSL	N (manual)	N	N				A ripple of water, written vertically.	Phonemogram n.	Rotation.				
											Exists, but should be standardised to F2A80 (N35), as it is a simplified form.				
F2A83			N (manual)	N	N										
											exists, but unsure se standardised to F2A80 (N35), as it is a simplified form.				
F2A84			N (manual)	N	N										
											number or waves is not meaningful for Unicode.				
F2A85			N (manual)	N	N										

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Siz	GID	HG	HGx	Dour	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Uniker	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moeller	Richn
F2A86	N-19-007				E	S		N35C	N35C			N35C										277;6							N035C
F2A87	N-19-008				C			N35D										1_6758		N035D		277;7							
F2A88	N-19-009				B			N102A	N102A			N102A	5			5					160;1	277;8		12;77					
F2A89	N-19-010				A			N102	N102			N102	37			28	9	1_4131			159;8	277;9	168;15	12;76	N;3201			n337 v3	
F2A8A	N-19-011			13201				N18B			N18B								N18*	N018A									
F2A8B	N-19-012				C			N140	N140			N140	5			4	1					277;10							
F2A8C	N-19-013							N102B	N102B			N102B																	
F2A8D	N-19-014				C			N97C		N97C										N097C									
F2A8E	N-19-015							N144	N144			N144																	
F2A8F	N-19-016							N144A	N144A			N144A																	
N20. Canal and pool																													
F2AA0	N-20-001			13218				N36	N36			N36	7451	310	1111	1873	4157	1_4259_0(	N36	N036	156;2	277;1	168;12	12;74	N;6000		849;8		
F2AA1	N-20-002				B			N36C	N36C			N36D	1			1				N036D	156;3	277;12							
F2AC3	N-20-003							N36Cx				N36C																	
F2AA2	N-20-004																					277;14							
F2AA3	N-20-005				F																	278;1							
F2AA4	N-20-006				F																	278;2							
F2AA6	N-20-007				C			N36B	N36B			N36B	1				1												
F2AA7	N-20-008				F			N36E	N36E			N36E										278;4							
F2AA8	N-20-009				B			N36A	N36A			N36A	8			8		1_4259_01				278;5					849;9		
F2AA9	N-20-010				E			DE382		DE382																			
F2AAA	N-20-011							N98	N98			N98													N;6001				
F2AAB	N-20-012				C			N99	N99			N99	2	2				1_4372								1439;7			
F2AAC	N-20-013				B			N100	N100			N100	17	17											N;6100				
F2AAD	N-20-014							N101	N101			N101													N;6300				
F2AAE	N-20-015				F			N103A	N103A			N103A	1	1															
F2AC5	N-20-016				F			ES197		ES197										N150									
F2AAF	N-20-017				F																	278;6							
F2AB0	N-20-018			13219				N37	N37			N37	13381	2583	4680	5741	377	1_4265_0(	N37	N037		278;7	168;13	12;75	N;6400		849;10		
F2AA5	N-20-019			1321B				N38	N38			N38	253	13	1	34	205	1_4265_01	N38	N038		278;3		12;75	N;6403		850;1		
F2AB1	N-20-020							N103	N103			N103																	
F2AB2	N-20-021				A			N37A	N37A			N37A	65				65	1_4265_04		N037D	156;4	278;8	168;13	12;75			849;11		
F2AB3	N-20-022			1321A				N37B			N37B	N37A	1065		514	551		1_4265_0:	N37*	N037A					N;6401				
F2AB4	N-20-023				F																	278;10							
F2AB5	N-20-024																					278;11							
F2AB6	N-20-025				D			N36D	N36D				1			1				N036C									

Index	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhon	VP Val	Weight	Vote	Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP
F2A86							N;569	n;nyny	3										
F2A87							N;571	nyny	4										
F2A88	8	1		2			N;615	n	8			Y							
F2A89	13	1	1	1	2	325	N;641	i;iw;imytr;imn;it/i3t;m;mw;mn;mr;n;nyw/nwy;t	16		identical to N018A	N							
F2A8A									2										
F2A8B						3	N;643	i;iw;imn;mr	5		jmn, m, n, jw; cf. N018A	?	DIFF	functionally similar to N102, therefore I assume is the simplyfied form with horizontal stroke instead of wavy line). I am not sure if there is any real value to add this to Unicode.					
F2A8C																			
F2A8D	5			1					3										
F2A8E																			
F2A8F																			
F2AA0	2049	83	46	50	109	731	N;589	i;m;mi;mw;mr;n;š	20										
F2AA1	64	5	7	3		1	N;601	mr;n;twr	10		monogram (TLA attestation)	Y		inside the N36 in my opinion, nor is it a monogram (rather a classifier, the flesh signs are for the Ha and the mouth is for the p of Hap(.y)). Edfu VIII, 70,1 and 2, photo 0084					
F2AC3																			
F2AA2							N;591		2										
F2AA3							N;639	š	2										
F2AA4							N;593	i;iw;m;mi;mw;mr;mry;n	2										
F2AA6		1			1		N;622	mr	4					According to Karnak in KIU 4846, line 9, class nwn, but I need to request the image to actually see the sign (if it is even this sign), as the better image is not yet available to the public.					
F2AA7	1						N;635		3										
F2AA8					4		N;599	my	6			Y							
F2AA9	1						N;597	mrwt	2										
F2AAA									1										
F2AAB									3			Y							
F2AAC									2		not simply variant of N036	Y		Functionally (mr-n-xA) a variant of M36					
F2AAD									1										
F2AAE									1										
F2AC5		1							2										
F2AAF							N;611	inr;m;mr;ḥ;sṯ3t;š;šmw	2										
F2AB0	60	10	1	2	6	42	N;609	iḫ;m;ḥ;ḫ;sš;š;š3;šš	19										
F2AA5				1	1	2	N;621	mr	15										
F2AB1																			
F2AB2	2098	135	33	56	2		N;627	mr;n;nt;ḫ;s;š;šw	14			Y?							
F2AB3						544	N;623	mr;n;nṯr;ḫ;ḫr;ḫ;š	8										
F2AB4							N;629	n;ḫ;š;d	2										
F2AB5							N;625		2										
F2AB6	1						N;626	š;m	4										

Index	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F2A86			N (auto)		N						does not give a source.				
F2A87	Y/i	TSL	Y (in core)		Y				A downwards curving rippled line.	Classifier decay, rot (awA).	Merged of F2A87 and F4565 (now removed).		updated with F4565 data, new glyph		
F2A88	Y/i	Edfu VIII, 133,3, Bartels photo 0193.	Y (in core)		Y				A ripple of water (N35), written within a rectangle.	Phonemogram n.					
F2A89			N (manual)	N	N		F2A8A				Is a duplicate of F2A8A (U+13201).				
F2A8A	Y/i	KIU 2014, line 6; KIU 3553, line 1; 5.	Y (v5.2)		Y				A ripple of water (N35), written within an oval.	Phonemogram imn.	Is F2A89 (N102).		var N102A		
F2A8B	Y/i	KIU 3932, line 7.	Y (in core)		Y				A horizontal line written within an oval.	Logogram iw (island (in iw-DsDs (el-Bahriya oasis)).	Seems to be a simplified form of F2A8A/F2A89 (N102).				
F2A8C			N (auto)		N						No sources given.				
F2A8D	Y/i	Dendera Porte d'Horus, p. 12,4, p. 93	Y (in core)		Y				A ripple of water (N35), written within an ova (N102), on top of a conical loaf of	Logogram iA.t-di (Dendera).					
F2A8E			N (auto)		N						No sources given.				
F2A8F			N (auto)		N						No sources given.				
F2AA0	Y/i	TSL	Y (v5.2)		Y				A canal.	Phonemogram mr.					
F2AA1	Y/i	Dendera Porte d'Hathor, p. 37,11, p. 105 (sA-ra cartouche).	Y (in core)		Y				A ripple of water (N35), written inside a canal (N36).	Phonemogram m.	Could be argued to be an insertion, but seems more decoratative than functional.				
F2AC3			N (manual)	N	N						Duplicate of F2AA1 (N36C).				
F2AA2			N (manual)	N	N						Duplicate of F2AA0 (N36).				
F2AA3			N (manual)	N	N						Duplicate of F2AA5 (N38).				
F2AA4			N (manual)	N	N						Duplicate of F2AA0 (N36).				
F2AA6			Y (>=D,JSeh/HG)		N						KIU token is not sharp enough in the image to be certain it is not N36 or N38. I have currently no access to Kom Ombo 385 [518]. JH-E token (Esna VII 580,08, p. 87,12) is a N36 with some internal details, not this sign.				
F2AA7			N (auto)		N						JH-D token (Dendera XIV, p. 156,8) could not be verified with an image.				
F2AA8	Y/i	TSL	Y (in core)		Y				A canal, with vertical ripples of water written	Classifier time (aHa.w).					
F2AA9	Y/i	Dendera XV, p. 238,5	N (manual)	N	N				A half round loaf of bread (X1), written within a canal (N36).	Phonemogram mrw.t	Insertion. Verified by Peter Dils.				
F2AAA			N (auto)		N						H&S token is N37 with N17 or something else inside, not this sign (which would technically be an insertion). In Karnak database encoded under N37F (mostly Ramses III inscriptions).				
F2AAB	Y/i	TSL	Y (in core)		Y				A canal, with multiple rectangles resembling battlements written on top of the sign.	Classifier bank (river, fortress (ixm.t)).					
F2AAC	Y/i	Unas, PT 469a, Piankoff pl. 4, 3rd col from right.	Y (in core)		Y				A wavy canal.	Classifier waters, rivers, lakes (mr-n-xA).					
F2AAD	Y/i	Unas, PT 278,c, Piankoff, pl. 14, 3rd col from right.	Y (in core)		Y				A canal with a rectangular block on the top and the bottom.	Classifier to dam, to revet (Dni).					
F2AAE	R/i	Pepi I, P/C-med/W 55 (PT 1162c), MIFAO 118, fig. 24.	Y (in core)		Y				A canal (M36), written over legs in a walking posture, feet orientated towards the reading direction (D54).	Logogram rhni (to wade).	**Redrawn in place.** (Redraw sign, as it is simply a N36 written over the D54 legs (i.e., the top triangle is the top of the legs, not a separate part.)		redrawn in place		
F2AC5	Y/i	Esna VII 629,09, p. 217,12	Y (in core)		Y				A folded piece of cloth (S29), mirrored, written over a canal (N36), with the base of the cloth and the base of the canal being at the same hight.	Phonemogram s-m	Verified by Peter Dils. Technically an insertion, but likely too difficult to render.				
F2AAF			N (manual)	N	N						Duplicate for either F2AB0 (N37) or F3131 (O39).				
F2AB0	Y/i	TSL	Y (v5.2)		Y				A rectangular pool.	Phonemogram S.			lake		
F2AA5	Y/i	TSL	Y (v5.2)		Y				A rectangular pool with sloping sides.	Phonemogram S.	**Moved**. (Move this sign a bit closer to (F2AB0) N37, as it is a variant of that sign, not of N36 (F2AA0).)				
F2AB1			N (auto)		N						No sources given.				
F2AB2	Y/i	TSL	Y (in core)		Y				A rectangular pool, with three diagonal strokes written inside.	Phonemogram S.	I am not sure if including both F2AB2 (N37A) and F2AB3 (N37B) is that valuable for Unicode.				
F2AB3	Y/i	TSL	Y (v5.2)		Y				A rectangular pool, with two diagonal strokes written inside.	Phonemogram S.	I am not sure if including both F2AB2 (N37A) and F2AB3 (N37B) is that valuable for Unicode.				
F2AB4			N (auto)		N						Valeurs tokens (Daumas, Mammisis Dendera p. 217,6; 219,8; 228,13; 242,9) could not be verified with an image, and I wonder if this is a quirk of the publication, or a distinct variant of F2AB2 (N37A).				
F2AB5			N (auto)		N						No sources given.				
F2AB6			Y (>=D,JSeh/HG)		N						JH-D token (Dendera XIV, p. 172,3, commentaire pl. LXXVI) is more like F2AA8 (N36A) in my opinion. I have no idea where in the TLA this is supposed to occur. Valeurs token (Daumas, Mammisis Dendera p. 216,16) could not be verified with an image.				

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sis | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val ue,w | Weight | Vote by DWeming; https://journals.openedition.org/lisa/925#tocfrom2n2 (Ex. 3); cf. N140 | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikee	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
O01. House																																						
F2800	O-01-001			13250				O1	O1			O1	**26472**	1238	12312	11865	1057	1_4374	O1	O001	161;1	280;1	168;22	13;1	O;0100		851;6			3045	88	124	138	333	1359	O;7	*p:pr:pr:ch*	20
F2801	O-01-002				F																	280;2													O;6	*pr*	2
F2802	O-01-003																					280;3													O;1	*pr:wy*	2
F2803	O-01-004				B			O53	O53			O53	**18**			17	1					280;4			O;0103	1440;2									O;11	*pr:ḥḏ*	6
F2804	O-01-005			13251				O1A			O1A								O1*	O001A		280;5			O;0140										O;63		5
F2805	O-01-006				B			O54	O54			O54	**21**			21														2						O;65		2
F2806	O-01-007					S																280;6															2
F2807	O-01-008							O55	O55			O55										280;7															1
F2808	O-01-009				F	S		O56	O56			O56										280;8													O;15	*pr:ḫt*	2
F2809	O-01-010				B	S		O292	O292			O292	**16**			15	1							13;3						3						O;18	*pr:wnt*	5
F280A	O-01-011				F	S		O293	O293			O293																								O;19	*pr:wr*	1
F280B	O-01-012				F	S		O57	O57			O57										280;9														O;25	*pr:wr*	2
F280C	O-01-013				C	S		O267	O267			O267												13;2						2						O;26	*pr:ms*	3
F280D	O-01-014				F	S		O58	O58			O58										280;11														O;33	*pr:ms*	2
F280E	O-01-015				C	S		O59	O59			O59	**2**	1		1						280;12			O;0170											O;84		5
F280F	O-01-016					S		O294	O294			O294																									*pr:mḥb*	
F2810	O-01-017				E	S		O60	O60			O60										280;13								1						O;20bis		3
F2811	O-01-018				C	S		O60A	O60A			O60A																		5								1
F2812	O-01-019				D	S		DE208		DE208																				3							*pr:mḥb*	1
F2813	O-01-020				E	S		O61	O61			O61										280;14								1						O;29	*pr:ỉpt:pr:wrt*	3
F2814	O-01-021				C	S		O299	O299			O299																		4						O;31		2
F2815	O-01-022					S		DE187		DE187																												1
F2816	O-01-023				F	S		DE364		DE364																				1								1
F285E	O-01-024				F	S		HO2502																										1			*pr:ḥḏ*	1
F2817	O-01-025				B	S		O62	O62			O62	**14**			14		1_4871				281;1			O;0110					1						O;45		6
F2818	O-01-026					S		O63	O63			O63										281;2														O;47		2
F2819	O-01-027					S																281;3														O;49	*pr:mst*	2
F281A	O-01-028				F	S		O296	O296			O296																		1							O;50		1

Comment DW	Vote DW Core (2021)	DW differentiality	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiality	Comment SP
	Y							
	N							
	N?							insert bottom
	N?		Insertion.					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
Y/I	TSL	Y (v5.2)		Y				A house or enclosure.	Logogram pr (house, domain).					
		N (manual)	N	N						Not a meaningful variant of F2800 (O1).				
Y/I	Dendera X, p. 366,15, pl. 231, col 57.	N (manual)	N	N				A house or enclosure, without the inwards lines at the bottom.	Logogram pr (house, domain).	Exists, but not a meaningful variant of F2800 (O1).				
Y/I	KIU 944, line 52.	Y (in core)		Y				Two houses or enclosures, connected to each other horizontally. A tie or strap, used with sandals (ankh-sign) (S34), written with its loop inside a house or enclosure (O1).	Classifier two tombs (n.wy).					
Y/I	Cairo CG 20539, recto, text, line 17.	N (manual)	N	N					Logogram pr-anx (scriptorium, school (house of life)).	Is F2805 (O54). Technically an intrusion.			No/No.	
		N (manual)	N	N						Dubplicate of F2804.		near dup O1A		
Y/I	KIU 5477, line 12.	N (manual)	N	N				with sandals (ankh-sign) (S34), written with its loop inside a house or enclosure (O1), with a half-round loaf of bread (X1) written left of the strap and a vertical line written right of the strap.	Logogram pr-anx (scriptorium, school (house of life)).	Corner insertion/arrangement				
		N (auto)		N						No source given.				
		N (manual)	N	N						Insertion. No sources given in Valeurs.				
Y/I	BM EA 147, line 6.	N (manual)	N	N				A star (N14), written with the top inside a house or enclosure (O1).	Logogram pr-dwA.t (house of the morning).	Insertion.				
Y/I	Edfu III, p. 245,19.	N (manual)	N	N				The white crown (S1), written inside a house or enclosure (O1). A cross ḳn.y, above a mouth (D21), written inside a house or enclosure	Logogram pr-nỉ.y-ss.t (palace, house of the king).	Insertion. Note, transcription only.				
Y/I	Dendera IV, p. 109,8.	N (manual)	N	N					Logogram pr-wr (the great sanctuary).	Insertion. Note, transcription only.				
	Lepsius Denkm. Ausw. Taf. 122,1, pl. 74, col. 35.	N (manual)	N	N					Logogram pr-wr (the great sanctuary).	Insertion.		~~~		
Y/I	Dendera I, p. 43,14, pl. LV.	N (manual)	N	N				Three skins of foxes, tied together at the top (F31), written inside a house or enclosure (O1). A round vessel with an upstanding rim (W24), written inside a house or enclosure (O1).	Logogram pr-ms (mammisi).	Insertion.				
Y/I	Mariette, Mon. Div. M(V)I 47, (PT 1438a), MIFAO 140, fig. 31.	N (manual)	N	N					Logogram pr-nw (sanctuary of Lower Egypt).	Insertion.		part		
		N (manual)	N	N						insertion. no source given.				
										insertion. rn-ꜥ.w toxen (Dendera X, p. 202,12) is F2811 (O60A). Valeurs gave no source.				
		N (manual)	N	N										
Y/I	Dendera Porte d'his, p. 38,14, pl. 46.	N (manual)	N	N				A collar of beads, without detail (S12A), written inside a house or enclosure (O1).	Logogram pr-nbw.t (sanctuary of the golden one).	Insertion.				
Y/I	Dendera XIV, p. 197,15, Commentaire pl. XCII.	N (manual)	N	N				A collar of beads, without detail (S12A) on top of three grains of sand that are horizontally aligned to each other (N33A), written inside a house or enclosure (O1). A goddess, seated, knees up, with covered legs and arms, with a headdress of bovine horns with a sun disk (F102), holding a holding a stem of papyrus with a bud (M13) or flower vertically (C9A); on top of a collar of beads, without detail (S12A); written inside a house or enclosure (O1).	Logogram pr-nbw (treasury).	Insertion.				
Y/I	Dendera XIV, p. 269,4, BIFAO 30 (Cauville), pl. IV, top image.	N (manual)	N	N					Logogram pr-nbw.t (sanctuary of the golden one).	Insertion. Note that the current image shows B1A, instead of the C9A one should read here. Note that Cauville read Hw.t rather than pr here (corrected in Dendera XV).				
		N (manual)	N	N						Insertion. Jn-ḏ tokens (Dendera XIV, p. 31,7, commentaire pl. XIV; p. 64,7, pl. XXV; p. 76,3, pl. XXXII; p. 92,5) could not be verified with an image/my image was too poor to be certain about the details. Valeurs token (Daumas, Mammisis, p. 29) is F2815/F2816.				
		N (manual)	N	N						Insertion. A duplicate of F2816.				
Y/I	Dendera XII, p. 186,2, pl. 175, bandeau.	N (manual)	N	N				A hippopotamus, with the limbs of a feline, head and tail of a crocodile, standing on its hind legs, front leg extended forwards (E134), with a headdress consisting of two plumes and a sun-disk (S63A), pew upon a rolled up herdsman's shelter of papyrus (E137); written inside a house or enclosure God, seated, knees up, with covered legs and arms, with the head of a falcon, wearing the double crown (S5), holding a sceptre with a straight shaft, topped with the head of the Seth animal vertically (C43A); written inside a house or enclosure	Logogram pr-Spꜣ.t (sanctuary of the noble one).	Insertion. Could be read as pr-wr.t as well.				
Y/I	Dendera, Porte d'Horus, p. 5,2, p. 109.	N (manual)	N	N					Logogram pr-Ḥr (domain/house of Horus).	Insertion.		Horus 25,2		
Y/I	TSL	N (manual)	N	N				A windpipe and heart (F35), intruding with the top inside a house or enclosure (O1).	Logogram pr-nfr (funerary workshop).	Intrusion.				
		N (manual)	N	N						intrusion. no sources given.				
		N (manual)	N	N						Intrusion/arrangement. No sources given.				
Y/I	Chassinat, Mammisi Edfu I, p. 56,16.	N (manual)	N	N				Three skins of foxes, tied together at the top (F31), intruding with the top inside a a house or enclosure (O1).	Logogram pr-ms (mammisi).	Instrusion. Note, transcription only.				

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Siz	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F281B	O-01-029				F	S		O296A		O296A																				1							1
F281C	O-01-030				B			O297		O297												168;24	13;7							3		3			17		5
F281D	O-01-031				B	S		O64		O64			19			18	1	1_4873				281;4					Q;0120	1440;3	854;15		1					0;51		9
F281E	O-01-032				F	S																281;5								2					0;53		2
F281F	O-01-033				C	S		O65A		O65A								1_4875												1					0;88		3
F281G	O-01-034				B	S		O65		O65			1			1						281;6								9		1			0;87		5
F281H	O-01-035				F	S		O300		O300												281;8													0;89		2
F281J	O-01-036				F			O66		O66												281;9													0;75		2
F281K	O-01-037				E	S		O67		O67			1			1						281;10					Q;0160								0;77		4
F281L	O-01-038				B	S		O82A		O82A																				6		5			0;35		3
F281M	O-01-039				D	S		O82		O82												281;11								3			2		0;37		3
F281N	O-01-040				C	S		O82B		O82B			1			1														7					0;39		3
F281P	O-01-041				E	S		O255		O255			2			2																						1
F281Q	O-01-042				F	S		O57A		O57A																				1							1
F281R	O-01-043				F	S		O295		O295																										0;39		1
F281A	O-01-044					S		O269		O269																												
F281B	O-01-045					S		O297A		O297A												281;12														0;69		2
F282C	O-01-046				B	S		O2A		O2A			1			1						281;13	13;8a						7							0;67		5
F282D	O-01-047			13252		S		O2		O2			103	2		97	4	1_4538	O2		O002	281;14					Q;0150		851;7		1				1	0;55		12
F282E	O-01-048				D	S		O68		O68			2			2						281;15														0;83		3
F282F	O-01-049				C	S		O248		O248			2			2															5							2
F282G	O-01-050				B	S		O69		O69			1			1						281;1	168;23							14	1				1	0;71		7
F283I	O-01-051				D	S		O3A		O3A			2			2														1							2
F283Z	O-01-052				E	S		O69A		O69A																				2							1

Vots	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
																		Three skins of foxes, tied together at the top, with the skins in straight lines (F31A); intruding with the top inside a a house or enclosure (O1).		Instruxion. Due to the available space, it is practically an insertion, and one could argue this token could be represented by F28JA (O296) as well. (So, I do not consider this sign an argument to include F1A04 (F31A) in Unicode). Instrusion. JH-D tokens (Dendera XII, p. 87,11; p. 205,14; Dendera XV, p. 53,14, commentaire pl. XXXII) could not be verified with an image/my image was too poor to be certain, but as the three attestations in Porte d'Hathor were simply O1 written above N8, I have my doubts (although in XV, p. 53,14 it makes sence as atomic, as it functions as pri (in the title aAb-sw.t pr m Ax.t). I currently have no access to the 17 Athribis tokens (but used in the same manner)			
										Y(!)	Dendera XIII, p. 112,6, Commentaire pl. XXVII.	N (manual)	N	N					Logogram pr-ms (mammisi).				
												N (manual)	N	N									No/No.	
	N?			Insertion.						Y(!)	TSL	N (manual)	N	N				A sedge (M23), intruding with the top inside a a house or enclosure (O1).	Logogram pr-nI(.y)-sw.t (palace, house of the king).	Intrusion.				
										Y(!)	Edfu VII, p. 48,16, Bartels photo (wall) 316.	N (manual)	N	N				A sedge (M23), intruding with the top inside a a house or enclosure (O1); with a half round loaf of bread (X1) written left of the sedge, and a house or enclosure (O1) written right of the sedge. A brazier with a flame rising from it, flame angling towards the front (Q7), written inside a house or enclosure (O1).	Logogram pr-nI.y)-sw.t (palace, house of the king). Logogram pr-nxr (house/domain of the flame).	Intrusion/arrangement. Insertion.				
	N?			Insertion.						Y(!)	Dendera X, p. 114,15, pl. 73 (col. 15).	N (manual)	N	N				A brazier with a flame rising from it, flame angling towards the front (Q7), intruding with the top inside a a house or enclosure (O1).	Logogram pr-nxr (house/domain of the flame).	Intrusion. Note that the source is the mirror of this sign.	inverted		
												N (manual)	N	N						I highly doubt this sign is more than simply F28J0 (O65) written above F28D0 (O1). Valeurs token (Dendera III, p. 173,4; 174,3) could not be verified with an image.			
												N (auto)		N						No source given in Valeurs (sans ref.).			
	N?			I have no idea where in the TLA it is attested, but if it is the Kai-n-nxet example, (Goza II, abb. 20), the O1 and U36 are two separate signs. Should be insertion.						Y(!)	Louvre C 107, 3rd col. from right.	N (manual)	N	N				A club used by washer-man for beating laundry (U36), intruding with the top inside a a house or enclosure (O1).	Logogram pr-Hm (domain/house of servants).	Intrusion.				
										Y(!)	Dendera Porte d'Horus, p. 55,15, p. 147.	N (manual)	N	N				A falcon (G5), written inside a house or enclosure (O1).	Logogram pr-Hr (domain/house of Horus).	Insertion.				
										Y(!)	Dendera Porte d'Horus, p. 58,1, p. 149.	N (manual)	N	N				A falcon (G5), with a vertical stroke (Z1) over its shoulder, written inside a house or enclosure (O1).	Logogram pr-Hr (domain/house of Horus).	Insertion.				
	N			Insertion if it exists, I could not locate the TLA example.						Y(!)	Dendera Porte d'Horus, p. 7,9, p. 88.	N (manual)	N	N				A falcon with a flagellum on its shoulder (G6), written inside a house or enclosure (O1).	Logogram pr-Hr (domain/house of Horus).	Insertion.				
	N			Inserrson. nene mxr oom TLA examples are not this sign, but based on O6 without corner block instead.								N (manual)	N	N						Insertion.				
										Y(!)	Dendera X, p. 284,7, pl. 167, col. 27.	N (manual)	N	N				A swallow (Hirundo rustica savigni) (G38), above a mouth (D21); written inside a house or enclosure (O1).	Logogram pr-wr (the great sanctuary).	Insertion.				
										Y(!)	Dendera XII, p. 184,7, pl. 109, bottom image.	N (manual)	N	N				A dung beetle, scarab (scarabaeus sacer) (L1), written inside a house or enclosure (O1).	Logogram pr-anx (scriptorum, school (house of life)).	Insertion.				
												N (manual)	N	N						Insertion. No sources given.				
												N (manual)	N	N						Insertion. No sources given.				
	N			In tomb of Ineni (TT 81), publication 1992, p. 77, pl. 27 there is a variant with two O2 signs next to each other (connected),						Y(!)	Edfu VIII, 71,8, Bartels photo O385 (leftmost column).	N (manual)	N	N				A mace with a pear-shaped head, written vertically (T3), written over a house or enclosure (O1).	Logogram pr-HD (treasury).	Overlay.				
										Y(!)	TSL	N (manual)	N	N				A mace with a pear-shaped head, written vertically (T3), intruding with the top inside a a house or enclosure (O1). shaped head, written vertically (T3), intruding with the top inside a a house or enclosure (O1); with the handle overlapping a house or enclosure.	Logogram pr-HD (treasury).	Should have been intrusion.		No/No.	
	N?			Could not verify with an image if the two attestations of the TLA actually exist. (Edfu VII, 17,10; 19,4 (for this one, photo (wall) 738, only the O2 group is visible).						Y(!)	Edfu VII, p. 19,4	N? (manual)	N?	N						Complex intrusion/overlay? Verified with image from Philipp Sepr. I am not certain this can be achieved with the control characters.			
	N?									Y(!)	Rdf. 19, p. 123-159, pl. 8/8a, line 14.	N (manual)	N	N				A wooden column, written vertically (O29v), intruding with the top inside a a house or enclosure (O1).	Logogram pr-aA (palace, pharao).	Intrusion.				
				TLA example is O70, see attached image, Edfu VIII, 117,4, photo 0149.						Y(!)	Dendera XI, p. 67,12, pl. 54.	N (manual)	N	N				A staff (S43), intruding with the top inside a a house or enclosure (O1).	Logogram pr.t-xrw (invocation offering).	Intrusion.				
												N (manual)	N	N						Intrusion and insertion. JH-D token (Dendera X, p. 75,2, pl. 65, col. 84) could be this group, but the center of the sign is damaged, and the vessel is not that clear either.				
				Both TLA examples are O3.								N (manual)	N	N						ouprxare or r.xa.au (O69), which would be done through intrusion.				
												N (manual)	N	N										

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vols | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differentiality | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differentiality | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Siz	GID	HG	HGx	Down	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F28AD	O-03-031			C				O216	O216			O216												13;58						6						2
F28AE	O-03-032			F		S		O216A	O216A			O216i																								1
F28AF	O-03-033					S		O285C	O285C			O285i																								1
F28B0	O-03-034							O287	O287			O287																								
F28B1	O-03-035																					285;1														2
F28B2	O-03-036				B		20	O88	O88			O88	23	10		13		1_4909				285;2			O;0690	1440;7	854;16									8
F28B3	O-03-037				F			O88A	O88A			O88A																		1						1
F28B4	O-03-038																					285;3														2
F28B5	O-03-039				F	S		O89	O89			O89										285;4														2
F28B6	O-03-040					S		O289	O289			O289												8;11													2
F28B7	O-03-041				B	S		O90	O90			O90	24			12	12					285;5				1440;8	854;17		O800i	6						8
F28B8	O-03-042				B	S		O90A	O90A			O90A	36			28	8	1_4896_01							O;0520				O800i	5						6
F28B9	O-03-043				C	S		O8	O8				6	2			4					285;6														2
F28BA	O-03-044			1325F		S		O8A				O8	5		5			1_4896_00	O8	O008		285;6			O;0520		851;13									8
F28BB	O-03-045				F	S																285;7														2
F28BC	O-03-046				C	S		O90B	O90B			O90B	2				2					285;8								3				1		5
F28BD	O-03-047				C	S		O91	O91			O91	3	1		2						285;9														3
F28BE	O-03-048				F	S		O92A														285;10			O;0530										3
F28BF	O-03-049				C	S		O92B										1_6829																		1
F28C0	O-03-050				C	S		O92C				U51O	7			7		1_6834				285;11														4
F28C1	O-03-051				F																	285;13														2

Vote DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP
	Y							
	N							overlay
	N							overlay
cf. D007, mirrored	N							overlay
	N							overlay
			one exist, KIU 7927, line 9 has it according to the Epigraphic survey facsimile, but in the image (1901:79) it looks like it is in the bottom back corner. Might be a quirk of the image though, as it is only visible at an angle. Note that KIU 5325, line 3 is a variant with the block in top front instead of back. Hieratic tokens (Ramses, P. Harris (EA9999,4), 4,10), an argument could be made to include in TSL, but due to the function (Hw.t-aA), I wonder in how far this sign should not be read as O90 instead, even though it has the upward tick of the upper arm.					
	N							
	N							
	N							

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
								A façade of a palace or tomb, representend by two rectangles, with a horizontal line with two crossing vertical lines in it, left horizontal line lower than the top.		Problematic sign, as it is technically a replacement for the sereḫ (O31) in the Horus name of the king, rather than an actual part of the phrase. I am not certain it should be part of Unicode because of that. Verified by Peter Dils. It is possible that one might better describe this sign as two doors with door-bolts on them.			Yes	
y,i	Esna VII 570,04, p. 62,5	Y (in core)		Y										
		N (manual)	N	N						Practically a rotated form of F28AD (O216).				
		N (manual)	N	N						Insertion, no sources given.				
		N (manual)	N	N						Insertion, No sources given.				
		N (manual)	N	N						Mirrored form of F28B2 (O88).				
								ɔ nree times a nar round loaf of bread (X1), written inside a plan of a rectangular enclosure, with an internal rectangle in the lower corner away from the reading direction (O6), connected	Logogram Hw.wt (temples, mansions, estates).					
y,i	TSL	Y (in core)		Y				ɔ nree times a nar round loaf of bread (X1), written inside a plan of a rectangular enclosure, with an internal rectangle in the top corner away from the reading direction (O6), connected	Logogram Hw.wt (temples, mansions, estates).	Exists, but I doubt it would be a valuable addition for Unicode.			Yes	
y,i	Dendera X, p. 55,5, pl. 32, (top image) col. 1.	Y (in core)		Y						Mirrored form of F28B2 (O88).				
		N (manual)	N	N						Overlay. No sources given in Valeurs.				
		N (manual)	N	N										
								A cobra in repose (Naja haje) (I10), written over a plan of a rectangular enclosure, with an internal rectangle in the lower corner away from the reading direction (O6).						
y,i	Tomb of Ineni TT81 (Dziobek, 1992), dr. 36, pl. 2.	N (manual)	N	N						Overlay. Note that based on Dziobek, there might be a X1 above the cobra, but I think that is damage.				
								written horizontally (D29), written over a plan of a rectangular enclosure, with an internal rectangle in the lower corner towards the reading direction.	Logogram Hw.t-aA.t (the great domain, temple).					
y,i	KIU 1416, line 1	N (manual)	N	N				written horizontally (D29), written over a plan of a rectangular enclosure, with an internal rectangle in the lower corner away from the reading direction (O6).	Logogram mD.t (stable, byre).	Overlay.				
y,i	TSL (TSL_3_18078)	N (manual)	N	N					Logogram Hw.t-aA.t (the great domain, temple).	Overlay.		part		
								A wooden column, written horizontally (O29), written over a half round loaf of bread (X1), written inside a plan of a rectangular enclosure, with an internal rectangle in the lower corner towards the reading direction.	Logogram Hw.t-aA.t (the great domain, temple).	Overlay. (HG O8).		seems to be a mistake		
y,i	TSL (TSL_3_21241)	N (manual)	N	N										
								A wooden column, written horizontally (O29), written over a half round loaf of bread (X1), written inside a plan of a rectangular enclosure, with an internal rectangle in the lower corner away from the reading direction (O6).	Logogram Hw.t-aA.t (the great domain, temple).	Overlay. (sesh O8).			No/No.	
y,i	TSL (TSL_3_21242).	N (manual)	N	N						Insertion. Valeurs refers to WB III, p. 3, where all tokens extend the O29 beyond the Hw.t, none are fully within.				
		N (manual)	N	N										
								A wooden column, written horizontally (O29), written over a plan of a rectangular enclosure, with an internal rectangle in the top corner away from the reading direction.	Logogram Hw.t-aA.t (the great domain, temple).	Overlay.				
y,i	Dendera X, p. 102,5, pl. 70 (col. 174).	N (manual)	N	N										
								palm of the hand facing upwards (D36), written over a plan of a rectangular enclosure, with an internal rectangle in the bottom corner towards the reading direction.	Logogram Hw.t-aA.t (the great domain, temple).	Overlay. Tokens seem to reflect hieratic sources only, which could be argued to be F28B7 (O90).				
y,i	Ramses, P. Harris (EA9999,4), sheet 4, line 10.	N (manual)	N	N						Valeus tokens are F28CD. H&S refer to WB III, p. 4, (Hw.t-nTr), which has over 1000 digs in the TLA, not practical to search for an insertion.				
		N (manual)	N	N										
								ʌ nair rouna loar or bread (X1), written in front of the pole of a cloth wound on a pole, an emblem of divinity (R8), written inside a plan of a rectangular	Logogram Hw.t-nTr (temple).	Enclosure/insertion.				
y,i	TSL	N (manual)	N	N										
								pole, an emblem of divinity (R8), written inside a plan of a rectangular enclosure, with an internal rectangle in the bottom corner towards the reading direction.	Logogram Hw.t-nTr (temple).	Enclosure/insertion.				
y,i	TSL	N (manual)	N	N						Duplicate of F28CD (GID O92C).				
		N (manual)	N	N										

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequ nce | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | VP Val ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | VP Val ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vols | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sis | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikr	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F2C2B	O-03-158			C		S		O6001		O6001																				6							1
F2C2C	O-03-159			F		S																292;3														O;367		2
F2C2D	O-03-160					S																292;4														O;369		2
F2C2E	O-03-161					S																292;5														O;237		2
F2C2F	O-03-162					S																292;6														O;239		2
F2C30	O-03-163			F		S																292;7														O;235		2
F2C31	O-03-164					S																292;8														O;551		2
F2C32	O-03-165					S																292;9														O;333		2
F2C33	O-03-166			C		S		O368										1_6969																				1
F2C34	O-03-167			C				O307	O307			O307	1			1		1_4715							O;100X											O;707		4
F2C45	O-03-168							O307A																														
F2C46	O-03-169							O92F																														
F2C35	O-03-170			C				O9E	O9E			O9E	3			3																			2	O;617		3
F2C36	O-03-171			A				O9B	O9B			O9B	45			40	5					162;1	292;3	168;35	13;33	O;0620				52			1		12	O;619		11
F2C37	O-03-172			B				O9C	O9C			O9C	5			5							292;11								40			5	4	O;623		6
F2C38	O-03-173							O9G																														
F2C39	O-03-174			F				O9H															292;12														O;625		2
F2C3A	O-03-175				13260			O9	O9			O9	134	15	117	2	1_4912_00	O9	O009					13;33	O;090X		851;14											9
F2C3B	O-03-176			F				O9A	O9A			O9A											292;13														O;621		2
F2C3C	O-03-177							O9D	O9D			O9D																											
F2C3D	O-03-178			C		S		O9K										1_4912_01					292;14																2
F2C3E	O-03-179			E		S		O9F	O9F			O9F	1			1							292;15														O;613		3
F2C3F	O-03-180			B		S		O93	O93			O93	12	10		2							292;16														O;615		4
F2C40	O-03-181							O87	O87			O87													O;07xx													1
F2C41	O-03-182							O91																														
F2C42	O-03-183							O91																														

O04. Palace with battlements

Vois	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
	sign missing in list; hosting sign in TSL not clearly with rectangle in corner; 2 of 3 tokens in TLA marked with "var"; check shape	N		Note that we currently lack the base sign of the enclosure in order to create the compound signs. Add as cartouch variants? TLA Beleg 1 is actually a variant in which O23K is written inside the enclosure (Davies, Amarna III, pl. XIX, left doorpost, second column, only in fasc; Beleg 2 is TSL token (rectangle in corner is there, but extremely vague); I could not locate beleg 3.					
		Y	DIFF	Without the exact location of the TLA tokens, this sign cannot be located (it is impossible for me to check every instance of nb-t-Hw.t in the TLA, hoping that I randomly find it).					
	base of, e.g., O009	Y							
	cf. O9E; different thing below the basket?	?	DIFF	I am not sure what it is, but there is clearly a broad base (see attached image).					Revise based on Edfu image (both base and top)

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikor | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

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|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sis	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F2D44	O-05-007				F			HA3402B												O381											1						2
F2D33	O-05-008				C		S	O13A	O13A		O13A		4			4					163;1	294;15															O;735		5
F2D34	O-05-009				F		S															295;1														O;783		2
F2D35	O-05-010				B		S	O13B	O13B		O13B		8		1	7					163;1	295;2		13;9							3						O;795		7
F2D36	O-05-011						S															295;3														O;741		2
F2D37	O-05-012																					295;4														O;777		2
F2D38	O-05-013				C		S	O13C	O13C		O13C		4			4						295;5			Q;110X											O;791		4
F2D39	O-05-014				C			O13D	O13D		O13D		6			6						295;6																2
F2D3A	O-05-015							O13J																														
F2D3B	O-05-016				F		S															295;7														O;789		2
F2D3C	O-05-017				F		S	O13E														295;8								1								2
F2D3D	O-05-018				F		S															295;9														O;787		2
F2D3E	O-05-019				F			O13I														295;10														O;737		2
F2D3F	O-05-020				F			O13G														295;11														O;781		2
F2D40	O-05-021				F																	295;12														O;781		2
F2D41	O-05-022						S	O13F														295;13														O;779		2
F2D42	O-05-023				F																	295;14														O;793		2
F2D43	O-05-024				F																	295;15														O;689		2
F2D44	O-05-025				F		S															295;16														O;739		2
F2D45	O-05-026				F			O303	O303		O303																										O;91		1
F2D46	O-05-027				F		S	O122A	O122A		O122J		1			1						296;1														O;93		3
F2D47	O-05-028				F		S	O122C														296;2														O;92	O;5	2
F2D48	O-05-029						S															296;3																1
F2D49	O-05-030				F			O122B	O122B		O122J											296;4														O;697		2
F2D4A	O-05-031				C		S	O106B	O106B		O106J		4			4						296;5								2						O;801		4
F2D4B	O-05-032						S															296;6														O;803		2
F2D4C	O-05-033				F		S															296;7														O;807		2
F2D4D	O-05-034						S															296;8														O;805		2

Comment DW	Vote DW Core (2021)	DW differentiality	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiality	Comment SP
	N?		Should be done by insertion. Belleg 4 is a variant (Edfu VIII, 49,13, photo 0066, see attached image). The other TLA tokens are marked as 'var' or cannot be verified by an image. PT examples are either Naith or a basically lost section in Pepi.					
	N?		Should be done by insertion. Probably exist, but I could not yet verify it with an image (PT example, had both an W10 and X1 inside).					insertion
	N?		None of the TLA belegen available to me used the unusual O13 form depicted here. (note that only 2 of the 4 were availble as belegen).					
	N?		Should be done by insertion. I could not verify any of te TLA tokens with an image, but most likely exists.					insertion
but basis as new sign?	N		TLA token, Edfu VII, 17,3, photo (wall) 765 is different, i.e, not fully O1-like.					
	N		Should be done as insertion. Not completely visible, the probably there					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
								A man, standing, both arms raised in front, holding a mat with a loaf of bread on each side of a vessel, written inside an enclosure wall with battlements on the front, back and top.	Logogram was t: Http (court of offerings).	Technically an insertion, but the man used is not attested on its own (to my current knowledge at least, PD180 (A1178) comes close to this sign, but I could not verify it).	
Y/i	Dendera, Porte d'Hathor, p. 23,8, p. 92	Y (in core)		Y							
		N (manual)	N	N						Insertion. JH-D tokens: Dendera XI, p. 42,11 is F2D34 mirrored; Dendera X, p. 103,13 is not clear enough. Dendera X, p. 288,5, pl. 168 (col. 15) has the cup in the top left corner. Valeurs token is actually F2D39 (O130).	
		N (manual)	N	N						Insertion. Mirrored form of F2D39 (O130).	
		N (manual)	N	N						tokens: Dendera X, 39,3 and 6 are F2D44. Dendera X, 97,14, pl. 69, col 85 is not clear enough (but might be this sign).	
		N (manual)	N	N						Insertion, beside no sources given.	
		N (auto)		N						No sources given.	
		N (manual)	N	N						None of the H&S tokens is this sign. Valeurs token (Dendera I, 32,7, verified by Peter Dils) is this sign. Probably sufficiently covered by insertion with O13.	
Y/i	Dendera VI, p. 168,2, pl. DL000(9); Dendera XI, p. 42,11, pl. 30.	N (manual)	N	N				A wide cup (W10), written inside an enclosure wall with battlements on the front, back and top.	Logogram was t (court).	Insertion. (although the enclosure form will be standardised to O13, not this specific form).	
Y/i	Edfu VII, p. 16,5	N (manual)	N	N				A wide cup (W10), written inside the opening of an enclosure wall with battlements on the front, back and top, with blocks on the corners.	Logogram was t (court).	from Philipp Seyr. Exists, but I am not certain (due to the pronounced corners), if this should be an insertion (i.e., add the O13 variant as a new sign, or standardise using O13) or to do this atomic, if we are going to add this at all.	var O13D No/No.
		N (manual)	N	N						Mirrored form of F2D3A.	
		N (manual)	N	N						Mirrored form of F2D3D.	
Y/i	Edfu VII, p. 9,10.	N (manual)	N	N				A wide cup (W10), written inside the enclosed part of an enclosure wall with battlements on the front, back and top, with blocks on the corners.	Phonemogram was.	Insertion? Unclear issues as F2D3A,depents if we add the O13 variant as construct sign or not). Verified with image from Philipp Seyr.	No/No.
		N (manual)	N	N						Duplicate of F2D3E (O13C).	
		N (manual)	N	N						Mirrored form of F2D40.	
Y/i	Edfu VII, p. 280,16, Bartels, photo (wall) 2680.	N (manual)	N	N				A wide cup (W10), written inside the enclosed part of an enclosure wall with battlements on the front, back and top.	Phonemogram was.	Insertion? Mirrored F2D3D, but with a O13 variant with less pronounced corners. Depends on how many O13 variants we intent to include in Unicode for insertions.	No/No.
		N (auto)		N						No sources given.	
		N (auto)		N						Dendera IX, p. 204,5) could not be verified with an image, and is F2D3A in the transcription (link to this sign came through Alliot, Culte I, p. 242).	
		N (auto)		N						Valeurs token (Edfu VI, p. 326,3, Edfu XIV, pl. DCVI, top line) is damaged, and looks mostly like a slightly smaller F2D87 (O122). Valeurs token (Edfu V, p. 140,11) could not be verified with an image, and I assume it is about the same as the Edfu VI token.	
		N (auto)		N							
Y/i	Dendera X, 39,3, pl. 28, col. 80.	N (manual)	N	N				A wide cup (W10), written over the internal vertical line of an enclosure wall with battlements on the front, back and top.	Phonemogram was.	Insertion.	
		Y (in core)		Y						Construct sign for F2D46 (O122A) and other variants. Valeurs token has something inserted.	
Y/i	Philae II, p. 254-255 (line 15).	N (manual)	N	N				A wide cup (W10), written inside a house or enclosure, with battlements on the front, back and top.	Logogram was t (court).	Insertion. KIU 5647, line 1 has a variant with a W10 and X1 within. Edfu VII, p. 17,3 (verified with image from Philipp Seyr) is basically F2D3A without the upwards section in the middle. Needs to become atomic if we do not add F2D45 (O303). Valeur token is F2D46 (O122A), not this sign (with these distinct corners).	
		N (auto)		N						Insertion, no sources given.	
		N (manual)	N	N						Valeurs token (Edfu V, p. 94,5) could not be verified with an image.	
		N (auto)		N							
Y/i	Edfu VII, p. 9,4, Bartels photo (wall) D03_0061	N (manual)	N	N				A wide cup (W10) above a half round loaf of bread (X1); written over the internal vertical line of an enclosure wall with battlements on the front, back and top.	Logogram was t (court).	Insertion. Verified with an image from Philipp Seyr. JH-D tokens have the vessel and bread not above the line, but more to the right. In the source, the token has the blocks on the top corners.	
		N (manual)	N	N						Insertion, no sources given.	
		N (manual)	N	N						Insertion. Valeurs token (Dendera IX, p. 202,5 (through Alliot, Culte I, p. 241,12)) could not be verified with an image, and is the mirrored form of F2D68 (O309) in the Dendera transcription.	
		N (manual)	N	N						The U1L1 variant of F2D3A/ F2D3D). No	

Comment MS	Change (Berlin)	Changes (post 19-02-2023)
Hathor 23,8		
var O13D	No/No.	
	No/No.	
	No/No.	

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sta | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikr | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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|---|---|---

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|---|---|---

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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
																																					s1,sh,ht	
F2E5E	O-07-014				B			O21C	O21C			O21C	2			2										1439;13	852;10			6	2	1				O;1085		7
F2E5F	O-07-015				F			O329B	O329B			O329I	1			1																					*pr mc,ibk1*	1
F2E60	O-07-016				F		S	O330	O330			O330										174;4		168;43												O;1113		3
F2E61	O-07-017						S	O332	O332			O332																								O;1121		1
																																			hh-kr		
F2E62	O-07-018				F			O333	O333			O333																								O;1097		1
F2E63	O-07-019							O21E																														
F2E64	O-07-020				F			DE145		DE145											O021F									1								2
008. Door and gateway with snake																																					
F2E80	O-08-001				B			O32B	O32B			O32B	39			36	3					166;4	302;10							2					7	O;887	*r1,rwt,r,cs1,sh1,sh[ht],t3[t];t1*	7
																																				s,sh[ht],sh1	
F2E81	O-08-002				F																		302;11													O;889		2
F2E82	O-08-003			13280				O32	O32			O32	79	1	3	36	39	1_4729	O32	O032	166;4		168;37	13;46	O;5700		853;8			2						O;889		13
F2E83	O-08-004				B			O32A	O32A			O32A	64			41	23					166;4								12			1	1			*rwt*	6
F2E84	O-08-005				F			O32C	O32C			O32C											302;12													O;891	*rwt*	2
F2E85	O-08-006				C			O142	O142			O142	4	3		1							302;13													O;893		4
F2E86	O-08-007				B			O276	O276			O276	4			4						173;8								11								3
F2E87	O-08-008				F			O145B	O145B			O145I																								O;893		1
F2E88	O-08-009				F			O145A	O145A			O145s										170;9								1							*rwt-sh-mrf1*	2
F2E89	O-08-010				D			O143	O143			O143	1			1							302;14		13;47											O;895		4
F2E8A	O-08-011							O145	O145			O145																										
F2E8B	O-08-012				B			O32D	O32D			O32D	10			10		1_4745					303;1													O;885	*rwt.sh1*	4
F2E8C	O-08-013				B			O16	O16			O16	13		1	12		1_4469_00		O016(	163;2	303;2	168;38	13;46						1				8	O;913		11
F2E8D	O-08-014			1326A				O16E										1_4469_00	O16	O016					O;1300		852;3										5
F2E8E	O-08-015				A			O16A	O16A			O16A	30			29	1					163;3	303;3							67		5	1	4	O;915	*t1*	9
F2E8F	O-08-016																						303;4													O;917		2
F2E90	O-08-017				F		S	O147	O147			O147											303;5													O;921	*t1-ur.s*	2
F2E91	O-08-018				B			O16B	O16B			O16B	58			55	3					163;3	303;6							1		1				O;907	*r,rwt,r,cs1,sh[ht],t3[t];ty*	7
F2E9C	O-08-019				F		S	HA5209																								1						1
F2E92	O-08-020							O16D																														
F2E93	O-08-021																						303;7													O;R;111		2
F2E94	O-08-022																						303;8													O;897		2
F2E95	O-08-023			1326B				O17	O17			O17	30		1	29		1_4489	O17	O017	303;9			13;46	O;1301		852;4									O;901	*t1*	10

Vots	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG was chosen instead of the W30 which should have been read here (Add to (W30) TSL, Junker Giza 2, pl. X, fig. 21, top register, item 7 and 8).	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
				I am not compresey sure, but possible, although read as a unusual form of aht (palace). Biography of Khnumhotep II, ACEr 36, pl 9,b and 112,a (col 105)					

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																																					irr;ỉ;ỉqrt	
F2F00	O-09-082				D			O20D					2			2				O020D		307;13														O;1057		4
																																				kn(ỉ)	
F2F01	O-09-083				C			O161	O161		O161											307;14								2	1	1				O;1093		5
F2F02	O-09-084							O161A	O161A		O161ỉ																											
																																				wa;k;l;g;ỉy	
F2F03	O-09-085				C			O21A	O21A		O21A											307;16		13;49						2		1				O;1095		5
																																				irr;ᶜ;ỉ	
F2F04	O-09-086																					308;1														O;1105		2
F2F05	O-09-087							O165	O165		O165											308;2														O;1349		2
																																				hh;wr	
F2F06	O-09-088				F			O339	O339		O339														O;9900										O;1271		2
F2F07	O-09-089																					308;3														O;1107		2
F2F08	O-09-090																					308;4																1
																																				ḥḏ;nb	
F2F09	O-09-091				F																	308;5														O;1109		2
																																				irr;r;pr-wr;ḥḏ;st	
F2F0A	O-09-092				B			O166	O166		O166		2	1		1					171;6	308;6							6	2	2		3		O;1101		9
F2F0B	O-09-093				E			DE101		DE101										O329E									2								2
F2F0C	O-09-094							O329C																13;55														1
																																				ḥḏ	
F2F0D	O-09-095				D	S		O162	O162		O162		2			2						308;7														O;1115		3
F2F0E	O-09-096				D	S		O163	O163		O163		1			1					171;5	308;8				1440;16										O;1117		5
F2F0F	O-09-097							O164	O164		O164											308;9														O;1119		2
F2F10	O-09-098				D			O167	O167		O167											171;7	308;10							2						O;1255		4
F2F11	O-09-099				E			O167A	O167A		O167ỉ											171;7								1		1						3
F2F12	O-09-100				C			O167B	O167B		O167ỉ											171;7								3								2
F2F13	O-09-101																					308;11														O;1259		2
F2F14	O-09-102				F			O365	O365																					1								1
																																				h;yt	
F2F15	O-09-103				B			O184	O184		O184											172;4	308;12		13;60					12						O;1257		5

Comment DW	Vote DW Core (2021)	DW differentiality	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiality	Comment SP
like O020 but without interior; also as a basis for center insertion	Y		Not only for insertion, but also a reflection of sunk relief, as it will rarely have internal detail. However, one could argue based on TSL tokens that the horizontal bar of the token should not be there either. Maybe not add this sign, but replace the U+13270 graphème with the without inner detail variant?					
			PT example (PT 333.c (P) is a variant of O24A/D234. All TLA tokens either lack interior detail, or are O21.					
base sign for insertion needs to added?	N		No, based on BM EA 147 the O21B sign would suffice, or an empty variant.					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
										FARFAR (GAR) without internal detail, required for insertions and representations for sunk relief (which rarely has internal detail). Verified with image from Philipp Seyr (technically this token has a base). **Redrawn in place**. (Redraw sign to include a base (see	
Y;ỉ	Edfu VI, p. 5,5	Y (in core)		Y				A tall shrine with a round roof, with two vertical lines enclosing the top, on a base, without internal decoration.	Logogram ỉrr.t (shrine, row of shrines).		
Y;ỉ	Dendera XII, p. 186,10, pl. 172 (bandeau).	Y (in core)		Y				A tall shrine with oblique sides, a triangular roof and a doorway.	Logogram ỉwn.t (Dendera)	Function is a guess.	
		N (auto)		N						No sources given.	
		Y (n=O_ISeh/HG)		N						JH-D tokens (Dendera XIV, p. 158,10 (no image); 172,14, commentaire, pl. LXXV (phonemogram mn), could just as well be represented by F2F01. Dendera porte d'Hervis, p. 24,9, p. 109 (col. 21) is not clearly visible, and I think there is something on top of the sign. Valeurs token (Edfu IV, p. 5,3) could not be verified with an image.	
		N (auto)		N						Valeurs token (Chassinat, Mammisi Edfu p. 193,2) could not be verified with an image. The Gauthier token did not give a source.	
		N (auto)		N						No sources given.	
Y;ỉ	Drioton, ASAE 40, p. 351 (nr. 83).	N (manual)	N	W				A gray heron (Ardea cinerea) (G31), written inside a shrine with a flat roof, supported by two columns resembling a stem of papyrus with a bud (M13).	Phonemogram HḥnTr	Technically an insertion, but I don't think the base sign exists on its own. See ASAE 40, p. 351-352 for the explanation of the function.	inverted
		N (auto)		N						No sources given.	
		N (manual)	N	N						Duplicate of F2F39 (O21D).	
		N (auto)		N						Valeurs token (Edfu II, p. 1,8; 1,12) could not be verified with an image. (besides wondering if this is not simply a duplicate of O21).	
		Y (n=O_ISeh/HG)		N						JH-D tokens: Dendera XI, p. 159,2; 14, are variants of S100 (a necklace in the form of a shrine). Dendera X, 112,12 could just as well be O21, same goes for both the Porte d'Hathor and Horus tokens. Both Cauville (2001) tokens are more like O21 in my opinion.	
Y;ỉ	Dendera XIV, p. 3,6, Commentaire pl. II.	Y (in core)		Y				with a flat roof, with oblique sides, with a entryway resembling a smaller façade of a shrine with a flat roof, with oblique sides, with a large gateway; with a vertical rectangle added to the far	Logogram pr-wr (sanctuary of Upper Egypt).	Function following Cauville, but I have my doubts.	
		N (manual)	N	N						Practically a mirrored form of F2F0B. Kurth tokens do not include this sign.	~~~
Y;ỉ	Edfu VIII, 109,13, Bartels photo 0139, randzeile behind the standing figure.	N (manual)	N	N				A mace with a pear-shaped head, written vertically (T3), written inside a façade of a shrine with a flat roof, with oblique sides, with a large doorway (D21B). A corn wound on a pole, an emblem of divinity (R8), written inside a façade of a shrine with a flat roof, with oblique sides, with a large	Logogram HD (chapel).	Insertion.	
Y;ỉ	BM EA 147, top register, column in front of Anubis.	N (manual)	N	N					Logogram sH-nTr (divine booth).	Insertion. Description based on the source, not this grapheme (as the source has oblique sides).	
		N (auto)		N						No sources given.	
		N (manual)	N	W						Both JH-D tokens (=Cauville 2001), Dendera X,44,1-2, pl. 29, col. 115, are not clear enough to be certain it is this sign.	
		N (auto)		W						(2001) token (Dendera x, 33,4 pl. 20, col. 44) is not really readable. Dendera Porte d'Hervis, p. 25,3, pl. 109 (bandeau) is not clear enough to be certain it is this sign.	
		Y (n=O_ISeh/HG)		W						Cauville (2001) token (and one of the 3 JH-D), Dendera X, p. 114,3, pl. 73, col. 5 could be read as O21 in my opinion. I could not verify the other two JH-D tokens (Dendera XIII) with an image.	
		N (manual)	N	N						duplicate of F2F25 (O184).	
		N (auto)		N						JH-D token (Dendera XIII, p. 411,3) could not be verified with an image.	
Y;ỉ	Dendera XII, p. 184,16, pl. 110, 3rd image (with H8 written within); Dendera XV, 215,15, BIFAO 90 (Cauville), pl. III, second image from below.	Y (in core)		Y				A pronaos or kiosk, with a rounded roof, supported on two colums with a flower-like capital on the outside of the lower walls.	Logogram hAy.t (portal, portico).		

Comment MS	Change (Berlin)	Changes (post 19-02-2023)
container, redrawn in place		
inverted	No/wait	
~~		
	Wait	
	Wait	
	Wait	

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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhon	VP Val	Weight
																																					bb	
F2F8A	O-11-011				B		W4A	W4A			W4A	**10**			10						232;4	311;3								4					1	O;1373		6
																																				ffd	
F2F8B	O-11-012				C		O23R	O23R			O23R	**6**			6																					O;1395		2
																																				ffdhr	
F2F8C	O-11-013			13183			W4	W4			W4	**236**	19		152	45	1_6600	W4	W004	232;4	311;4	168;50	13;69		O,20XX		875;6			1				10	O;1397		15
																																				ffdhr;bb	
F2F8D	O-11-014				F																	311;5													O;1399		2
F2F8E	O-11-015				F		W34	W34			W34	**1**			1							311;6													O;1393		3
																																				h;hh-ad	
F2F8F	O-11-016				C		W37	W37			W37										236;6	311;7								3		1			O;1403		5
																																				ffd;bb	
F2F90	O-11-017				D		W37B	W37B			W37B	**1**				1					236;8	311;8								1					O;1377		5
F2F91	O-11-018				B		O23Q	O23Q			O23Q	**1**			1						165;4													21			3
																																				bb-ad	
F2F92	O-11-019				B		O23T	O23T			O23T	**13**			13						165;4													1	O;1439		4
F2F93	O-11-020						W36	W36			W36											311;9														O;1371		2
																																				bb-ad	
F2F94	O-11-021				E		W35A	W35A			W35A											311;10														O;1425		2
																																				bb;hh-ad	
F2F95	O-11-022				E		W35	W35			W35											311;12	13;71													O;1427		3
F2F96	O-11-023						W35C												W035C			311;14														O;1375		3
F2F97	O-11-024				C		O23D	O23D			O23D	**1**			1							164;8	311;15		O;2510	1439;14				2		1			O;1387		8
F2F89	O-11-025				F		HA5707												O023V												1						2
																																				bb	
F2F98	O-11-026				B		W37D	W37D			W37E	**5**			4	1					237;1	311;16								21		1			O;1385		7
																																				bb	
F2F99	O-11-027				B		W37A	W37A			W37A										236;7									31		1	2	4	O;1421		6

Vots	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
6		Y		Identical, should preferably be removed from Jsesh and Hieroglyphica as well.					
2	identical to W4A	N							
15				section or an Amarna text (Amarna VI, pl. III, Parennefer scene, col. 6), and Davies does not even us this sign.					
2									
3									
5				Based on the Epigraphic survey image, this token (KIU 4553, line 9) should be read different, as TSL_1_4590_02 without the chains, see attached image.					
5									
3	cf. O23F; place in category W	?	DIFF	TLA token is F2F99 (W37A). Based on function, it should stay here (Hb-sd).					
4	or rather shape O23Q2; check attestation s; Karnak token are actually F2FA8; place in category W	Y?	DIFF	All TLA attestations are based on Amarna facsimiles, which I don't trust. Nonetheless, I doubt that the difference between O23Q and O23F is meaningful, for either Unicode or TSL (if a suitable token can be located).					
2									
2									
3									
3									
8	place in category W			TLA token (Edfu VIII, 109,12, photo 0153) is not this sign, I even doubt the seats are there, but there is clearly no circle at the top.					
2									
7	cf. O23P	N?	DIFF	Not the same as O23P, but the Karnak example is lost, and the TLA examples are all based on Amarna facsimiles (Amarna IV, pl. 20), and are different signs, more akin to TSL_1_4590_02					
6									

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
								An open booth supported by a forked pole for supporting a roof (O22C), on top of a wickerwork basket (V30).	Logogram (i)fd.w (flour).	the basket is an alabaster vessel without internal detail, but as there is no graphical difference, either description would work.				
Y;i	Edfu VII, 55,15, Bartels phot (wall) 303.	Y (in core)		Y										
		N (manual)	N	N						Duplicate of F2F8A (W4A).				
								An open booth supported by a pole (O22), on top of an alabaster basin with a diamond shaped inner marking (W3).	Logogram h(A)b (festival).					
Y;i	TSL	Y (v5.2)		Y										
		N (manual)	N	N						Duplicate of F2F8A (W4A).				
		N (auto)		N						Source does not support this sign.				
								A booth with a round roof, supported by three columns with a flower-like capital, on top of an alabaster basin with a diamond shaped inner marking (W3).		Caseille/JH-D tokens (Dendera X), would be better represented by F2F99 (W37A) in my opinion. Token seems to be there, but the image is poor (at least the diamond in the basket is certain. However, I doubt it would be meaningful to include all O23/W4 variants in Unicode.			Yes	
Y;i?	Edfu VII, 198,4, Bartels photo (wall) 745.	Y (in core)		Y					Logogram Hb-sd (jubilee, sed-festival).					
								A booth with a wavy roof, supported by three forked poles for supporting a roof (O30), on top of a wickerwork basket (V30).		none that seemscasy the basket is an alabaster vessel without internal detail, but as there is no graphical difference, either description would				
Y;i	Dendera X, p. 59,10, pl. 32, col 130.	Y (in core)		Y					Logogram Hb-sd (jubilee, sed-festival).					
		Y (n=0_ISeh/WG)		N						Caseille (2001) token, Dendera I, p. 41,10, pl. LIII does not seem to have the diamond in the basket (i.e., seems more like F2F9D (W37B) to me).				
		Y (n=0_ISeh/WG)		N						Not a meaningful variant, beside being rather uncertain. Valeurn token (Edfu VI, p. 296,3, Edfu XIV, pl. DCI) has a variant of F2F91 (O23Q) without the diamond in the basket. Karnak tokens are rather different (more like TSL_1_4590_02, without the seats).				
		N (auto)		N						No sources given.				
								An open booth supported by a forked pole for supporting a roof (O22C), on top of a wickerwork basket (V30), with a horizontal line, intersected in the middle by a coil of rope (V2) written left of the central		Rendered in green (Redraw sign without the diamond in the basket). Note that technically the basket is an alabaster vessel without internal detail, but as there is no graphical difference, either description would work.		redrawn in place		
R;i	Edfu VI, p. 144,10, Edfu XIV, pl. DLV.	Y (in core)		Y					Logogram Hb-sd (jubilee, sed-festival).					
								An open booth supported by a pole, on top of an alabaster basin with a diamond shaped inner marking (W4); with a horizontal line, intersected in the middle by a coil of rope (V2) written left of the central axis.						
Y;i	Edfu VI, p. 292,3, Edfu XIV, pl. DXCVII	Y (in core)		Y					Classifier jubilee, sed-festival (Hb-sd).					
								A horizontal line, intersected in the middle by a coil of rope (V2), written within a booth, with the roof curving gradually after a sharp corner (D175D), on top of a wickerwork basket (V30).		Pratically a hapax, but does exist. Note that technically the basket is an alabaster vessel without internal detail, but as there is no graphical difference, either description would work.		new glyph		
Y;i	Edfu VI, p. 144,11, Edfu XIV, pl. DLV.	Y (in core)		Y										
								A booth with a round roof with a circle on top, supported by three columns with a flower-like capital, with two carrying chains (Q2) facing away from one another; on top of an alabaster basin with a diamond shaped inner marking (W3).	Logogram Hb-sd (jubilee, sed-festival).	Unclear, the sign is damaged in Dendera X, but there is a clear hint of a circle on top of the sign, and it has (at least on the visible side) a chair. Other JH-D token (Dendera XV, p. 37,8, Commentaire pl. XX) does not really have the diamond in the basket, but could be argued to be this sign. The Porte d'Horus token (p. 39,15) is barely recognisable as this sign in the image, could theoretically be a crown as well (like			Wait	
Y;i	Dendera X, 14,11, pl. 21, top image.	Y (n=0_ISeh/WG)		W										
								A booth with a round roof, supported by three columns, with the outer two having a flower-like capital, with the middle column resembling a rolled up herdsman's shelter of papyrus (V18); on top of an alabaster basin with a diamond shaped inner marking (W3).	Logogram Hb (festival).	Based on Caseille, commentaire p. 170-171, but could be Hb-sd as well. (which could be argued as well due to the central pillar resembling V18).		Hathor 42,8		
Y;i	Dendera, Porte d'Hathor, p. 42,8, p. 110.	Y (in core)		Y										
								A booth with a round roof, supported by three forked poles for supporting a roof (O30), with two carrying chairs (Q2) facing away from one another; on top of a wickerwork basket (V30).	Logogram Hb-sd (jubilee, sed-festival).	Verified by Peter Dils. Note that technically the basket is an alabaster vessel without internal detail, but as there is no graphical difference, either description would work.				
Y;i	Dendera XV, p. 282,2	Y (in core)		Y										
								A booth with a round roof, supported by three forked poles for supporting a roof (O30); on top of a wickerwork basket (V30).	Logogram Hb-sd (jubilee, sed-festival).	Note that technically the basket is an alabaster vessel without internal detail, but as there is no graphical difference, either description would				
Y;i	Edfu VIII, 121,8, Bartels photo 0153.	Y (in core)		Y										

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UC5 | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikee	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight	Vots
																																				VP Val	
F300C	O-14-013				C			O196A	O196A			O196i											169;6	13;82						6				6		O;1507	5	
F300D	O-14-014							R29A			R29A																										
O15. Hall with columns																																					
F3020	O-15-001																					314;9													O;461	2	
F3021	O-15-002				F																	314;10													O;1273	2	
F3022	O-15-003			13279				O27	O27			O27	18	6	1	5	6	1_4663	O27	O027				13;87a	O;2301		853;2									10	
F3023	O-15-004							O136	O136			O136																										
F3024	O-15-005							O197	O197			O197																										
F3025	O-15-006				F			O199	O199			O199	1	1																							1	
F3026	O-15-007							O327	O327			O327																										
O16. Column (support)																																					
F3030	O-16-001			1327A				O28C			O28C								O28	O028		314;11		13;87	O;2900											O;1535	6	
F3031	O-16-002				F																	314;12													O;1537	2	
F3032	O-16-003				F																	314;13													O;1539	2	
F3033	O-16-004				A			O28	O28			O28	2467	126	397	622	1322	1_4676_00		O028D		314;1	169;9	13;87				853;3		1				2	55	O;1543	14	Y
F3034	O-16-005				F			O28A	O28A			O28A										165;7								1							2	
F3063	O-16-006							O28Ax												O028E																		
F3035	O-16-007				C			O164A	O164A			O164i	3			3		1_4676_02				315;1														O;1547	4	
F3036	O-16-008				A			O28B	O28B			O28B	184			169	15	1_4676_01				165;8	315;2							2376	44	45	79		23	O;1545	11	
F3037	O-16-009					S		O28B	O28B			O28B												8;7													1	
F3062	O-16-010				F	S		E5200		E5200																				1							1	
F3038	O-16-011							O201	O201			O201										315;3		13;79												O;1549	3	
F3039	O-16-012							O200	O200			O200										315;4														V;381	2	
F303A	O-16-013																					315;5														AA;69	2	
F303B	O-16-014																					315;6														AA;71	2	
F303C	O-16-015							O202	O202			O202										315;7														O;1583	2	
F303D	O-16-016																					315;8														O;1585	2	
F303E	O-16-017																					315;9														O;1581	2	
F303F	O-16-018							O203	O203			O203										315;10														O;1587	2	
F3040	O-16-019				E	S		O204	O204			O204										315;11		2;59d												D;681	3	
F3041	O-16-020					S		O205	O205			O205										315;12														O;1553	2	
F3042	O-16-021				F																	315;13														O;1541	2	
F3043	O-16-022			1327C		S		O29v	O29v			O29v	1458	2	7	936	513	1_4692_01	O29v	O029A	166;1	315;14		13;88				853;5		5		7	57	55	43	O;1555	17	Y
F3045	O-16-023					S		O246	O246			O246																										
F3046	O-16-024			1327B				O29	O29			O29	8373	248	4099	3409	617	1_4692_00	O29	O029	166;1		169;10	13;88	O;300x			853;4		1925	122	39	36	40	336		18	Y
F3047	O-16-025				F			O279	O279			O279																		1							1	
F3048	O-16-026			1327D				O30	O30			O30	136	11	7	108	10	1_4707	O30	O030	166;2	315;1	169;11	13;85	O;2600			853;6		105	10	8	12		53	O;1529	19	Y
F3049	O-16-027				B			O30u	O30u			O30U	54	28	3	21	2	1_4717	(O30)		166;2			13;86													8	Y
F304A	O-16-028			1327E				O30A			O30A								O30*	O030A																	2	
F304B	O-16-029																					316;1														O;1531	2	
F304C	O-16-030				B			O210A	O210A			O210i	7			5	2					316;3	169;12													O;1563	7	N?
F304D	O-16-031				B			O206	O206			O206	8			6	2					316;4			O;3100					19						O;1569	6	Y
F304E	O-16-032																					316;5														O;1559	2	
F304F	O-16-033																					316;6														O;1573	2	
F3050	O-16-034																					316;7														O;1561	2	
F3051	O-16-035				C			O207	O207			O207	2			2					172;9	316;8			O;3200											O;1575	5	

Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
			PT token (PT 1136a (P) is actually S17A.					

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Siz	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
F3052	O-16-036							O213	O213			O213										316;9														O;1565	2
F3053	O-16-037																					316;10														O;1567	2
F3054	O-16-038				F																	316;11														O;1579	2
F3055	O-16-039				F																	316;12														O;1577	2
F3056	O-16-040				F			O208	O208			O208										316;13														O;1571	2
F3057	O-16-041				C			O211	O211			O211	5		1	4									O;3100											O;1583	3
F3058	O-16-042							O211A	O211A			O211i																										
F3059	O-16-043																					316;14														O;1589	2
F305A	O-16-044				D			O210	O210			O210									173;1	316;15		13;89		1441;5										O;1557	5
F305B	O-16-045				F			O353	O353			O353	1			1						316;16														O;1581	2
F305C	O-16-046				D			O209	O209			O209	2			1	1					317;1														T;10	4
F305D	O-16-047				D			O214	O214			O214										317;3	169;13	13;90												O;1591	4
F305F	O-16-048				F			O357		O357										O357										1							2
F3060	O-16-049				B			O215	O215			O215									173;1		169;14								11			1				4
F3061	O-16-050				D			O212	O212			O212	2	2											O;2800												2
O17. Door flap																																					
F3070	O-17-001			1327F				O31	O31			O31	**1863**	713	401	702	47	1_4718	O31	O031	166;3	317;4	168;39	13;91	O;5500	853;7			66				59	O;1597	16
F3071	O-17-002				B			O31A		O31A												317;5								32	5		6			O;1599	5
F3072	O-17-003				C	S		O31B		O31B			2			2													O031	1						O;1601	4
F3073	O-17-004				C	S		O31C		O31C			7			7													O031	1						O;1601	4
O18. Door bolt																																					
F3080	O-18-001				F			O217A	O217A			O217i										317;6														O;1631	2
F3081	O-18-002				C			O217	O217			O217	2			2						317;7		13;94						2		1				O;1633	6
F3082	O-18-003																					317;8														O;1635	2
F3083	O-18-004				D		14	O218	O218			O218	1			1						317;9		13;95													O;1637	4
F316C	O-18-005				B			O219	O219			O219	11	11																								1
F3084	O-18-006			13283				O34	O34			O34	27272	1970	5109	14868	5325	1_4760	O34	O034	167;1	317;10	169;20	13;92	Q;6100		853;10		2615	856	243	204	365	4109	O;1615	20
F3085	O-18-007				F																	317;11														O;1617	2
F3086	O-18-008				A			O34A		O34A											167;1	317;12								3854						O;1613	4
F3087	O-18-009							O34B																													
F3088	O-18-010																					475;3														O;1611	2
F3089	O-18-011																					317;13														O;1619	2
F308A	O-18-012																					317;14														O;1621	2

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weleto
F3097	O-18-013				F			E5157		E5157										O034C										1						D;1077	2
F308B	O-18-014				F																	318;1														D;1079	2
F308C	O-18-015			13284				O35	O35			O35	765	253	113	383	16	1_4771	O35	O035	167;2	318;2	169;22	2;96	O;6150	853;11			109		4	1	4	12			19
F308D	O-18-016					S		O35A	O35A			O35A																									
F308E	O-18-017				F																	318;3														D;1193	2
F308F	O-18-018				B	S		O221	O221			O221	13			13					173;2	318;4	169;22	2;108					34		2	2					9
F3090	O-18-019							O221A	O221A			O221i																									
F3091	O-18-020																					318;6														D;1199	2
F3092	O-18-021				D			O222	O222			O222										318;7								3						D;1217	3
F3093	O-18-022							O223	O223			O223										318;8														D;1219	2
F3094	O-18-023				C			O223A	O223A			O223i																		4							1
F3095	O-18-024							O245	O245			O245																									
F3096	O-18-025							O282	O282			O282																									
F30A0	O-19-001				A	S		O38A	O38A			O38A	38		1	33	4				167;5	318;9		13;96		1439;17			42	5				20			11
F30A1	O-19-002				F																	318;10														D;1647	2
F30A2	O-19-003			1328B				O38	O38			O38	288	16	179	90	3	1_4785	O38	O038		318;1	169;27	13;96			853;15			7	5	2	1		23	D;1639	17
F30A3	O-19-004				C	S		O38B	O38B			O38B	1	1																1					2		3
F30A4	O-19-005																					318;13															1
F30A5	O-19-006																					318;14														D;1643	2
F30A6	O-19-007			1326B				O14	O14			O14	7		3	4		1_4439	O14	O014				13;97	O;100x	852;1											8
F30A7	O-19-008				E			O14A	O14A			O14A										318;15		13;97	O;6900											O;1667	4
F30A8	O-19-009				F			O14B	O14B			O14B										319;2														O;1669	2
F30A9	O-19-010				E			O14C	O14C			O14C	1		1										O;1002												2
F30C0	O-20-001			1328E				O41	O41			O41	41	1		36	4	1_4803	O41	O041	168;3	319;6	169;19	13;104	O;7300	854;2			67		3	1	1				17
F30C1	O-20-002				B			O40A	O40A			O40A	11			7	4					319;7											1	4		O;1673	6
F30C2	O-20-003			1328D				O40	O40			O40	64	6	4	47	7	1_4791	O40	O040	168;2	319;8	169;17	13;101	O;7200	854;1			33					2	16		O;1671	17
F30C3	O-20-004																					319;9														O;1677	2
F30C4	O-20-005					S		O225	O225			O225																									
F30C5	O-20-006				F			HO1601												O225A												1				2
F30D0	O-21-001				B			O42A	O42A			O42A	8			7	1				168;4	319;10							O042i	12		3		1	6	O;1721	10

O19. Building angle

O20. Stairway

O21. Fence

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unlker | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
F30E1	O-21-018							O42N													168;6	320;5														O;1717	3
F30E2	O-21-019							O42O													168;6	320;6														O;1719	3
F30E3	O-21-020				C			O43A	O43A			O43A	1			1						320;7	169;24	13;105							1			1	O;1683	7
F30E4	O-21-021				E			O43B	O43B			O43B	1			1						320;8													O;1685	3
F30E5	O-21-022																					320;9													O;1687	2
F30E6	O-21-023							O22B	O22B			O22B										320;10													O;1707	2
F30E7	O-21-024							O22Y	O22Y			O22Y										320;11													AA;195	2
O22. Grain mound on mud floor																																				
F310D	O-22-001				B		22	O51B	O51B			O51B	8			8						320;12												2	O;1777	4
F3101	O-22-002			1329A				O51	O51			O51	240	6	149	82	3	1_4854	O51	O051				13;115	Q;9000		854;13									10
F3102	O-22-003																					320;13													O;1781	2
F3103	O-22-004																					320;14													O;1783	2
F3104	O-22-005						22	O51F												O051F		320;15													O;1785	3
F3105	O-22-006				F			O25O	O25O			O25O	2			2																				1
F310B	O-22-007				F																	321;2													O;1787	2
F3109	O-22-008				C			O51C	O51C			O51C	1			1					169;6	321;3								4					O;1789	5
F310A	O-22-009				F			O51D												O0510	169;5	321;4													O;1791	4
F310B	O-22-010				F			DE116		DE116																				2					N;436	2
F310C	O-22-011				B			O51A	O51A			O51A	7			7					169;5	321;5	169;7	13;115		1440;1	854;14			9		2		11	O;1495	11
F310D	O-22-012																					321;6													O;1793	2
F310E	O-22-013																					321;7													O;1797	2
F310F	O-22-014				C			O229	O229			O229	4			3	1					321;8		13;115										1	O;1795	6
F3110	O-22-015				C			O229A	O229A			O229i	5			5									Q;9050											2
F3111	O-22-016							O51E														321;9													O;1799	2
O23. Frieze elements																																				
F3120	O-23-001			1342C				AA30	AA30			Aa30	132	14	8	84	26	1_1001_00	Aa30	AA030	251;7	480;1	175;38	24;1		1394;11	883;13			67	8	2	1	6	52	O;1725	20
F3121	O-23-002				C	S		AA30A	AA30A			Aa30i	5			3	2			AA030A									AA030A					3			5
F3122	O-23-003				F			AA51	AA51			Aa51										480;13													T;83	2
F3123	O-23-004				B			AA50A	AA50A			Aa50i	1			1					252;2	480;14		24;1						37		3			O;1731	7
F3124	O-23-005				B			AA50	AA50			Aa50	4			4					252;2	481;1	175;38	24;1						31		6			O;1729	8

Index	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
F30E1									
F30E2									
F30E3				Note that in Karnak this sign is used for Aa.t (so is a variant of M8 it seems).					
F30E4		Y		Both Karnak examples are too badly damaged to be certain it is this sign, the TLA example is based on facsimile only.					
F30E5									
F30E6									
F30E7									
O22. Grain mound on mud floor									
F310D	basis for O051	Y		I am not convinced by TLA sources even is this sign, and as O51 already exist, I prefer not to include it as construct sign for O51 alone.					for insertions
F3101									
F3102									
F3103									
F3104									
F3105				Technically there, but one can wonder if it is not really a poorly made O51/O51A, although it is pointy. Victory Stela Piye, verso, line 125. (second one looks more like U28).					
F310B									
F3109	cf. O51A	N	DIFF	In Beleg 1 (Edfu VII, 72,12-13, photo (wall 275), I cannot say with certainty if there is internal ditail or not. Beleg 2 (Edfu VII, 76,15-16, photo (wall) 236), is a variant with multiple grains in the sign.		Y (>=D_ISeh/WG)		N	
F310A									
F310B									
F310C		Y							
F310D	check attestation s	?	DIFF	All the examples are with rather poor examples, but non seem to have the upwards point between the two ovals (same sign is used for O229A in TLA as well (victory stela Piye, verso 81 and left 70). (I could not verify the Karnak example).					
F310E									
F310F						Y (>=D_ISeh/WG)		N	
F3110		Y	DIFF	All attestations are from the victory stela of Piye, and in all attestations there is some space between the ovals.					
F3111									
O23. Frieze elements									
F3120									
F3121		N							
F3122									
F3123				There is no upwards point at the top in the TLA example, make class? Edfu VIII, 84,11, photo 0095					
F3124		?	DIFF						

Index	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F30E1			N (auto)		N						Cauvinle token (Dendera V, p. 143,3) could not be verified with an image.				
F30E2			N (auto)		N						Cauville token (Dendera VI, p. 18,4, pl. CCCCLXIII) has 3 bulbs, not 4, and is more like F30ZF in regard to the line through the bulbs.				
F30E3	Y/i	KIU 4850, line 8. cou v, p. 353,4, Edfu XIII, p. CCCCXXXIV (right jamb, leftmost column, between the two cracks)	Y (in core)		Y				A fence, consisiting of three forwards angled lines with a bulb at the end, on top of a horizontal base.	Logogram AH.t (field, arable land).					
F30E4	Y/i		Y (in core)		Y				A fence, consisiting of four forwards angled lines with a bulb at the end, on top of a horizontal base.	Phonemogram Sup.					
F30E5			N (auto)		N						No sources given.				
F30E6			N (auto)		N						No sources given.				
F30E7			N (auto)		N						No sources given.				
O22. Grain mound on mud floor															
F310D			Y (in core)		Y				A heap of grain on a raised floor, without internal detail.		Construct form for insertions, although I rather worry about misuse for this one (or incorrect use for either F2FD2/F2FD3 (O24A/D24B), or even misused as base for F3C86 (T102). I lack a viable token which is not hieratic. Technically an insertion.				
F3101	Y/i	TSL	Y (vS.2)		Y				A heap of grain on a raised floor.	Logogram Sna.t (granary).					
F3102			N (auto)		N						No sources given.				
F3103			N (auto)		N						No sources given.				
F3104	Y/i	Junker, Giza I, pl. XXXI.a, column 3.	Y (in core)		Y				A granary on a raised floor, with upstanding edges, with a doorway.	Classifier granary (Sna.wt).			new glyph		
F3105	?/i	Cairo JdE 48862+47086+47089, victory stela Piye, verso, line 115.	N (auto)		W				A pointy heap of grain on a raised floor, without internal detail.	Logogram/phonogram Sna.t (granary).	Uncertain. Could be a poorly made O51/O51A as well (which I find rather likely).			Wait	
F310B			N (manual)	N	N						Cannot covered by F3109 (O51C); F310A (O5100 or F310C (O51A).				
F310A			Y (>=D_ISeh/WG)		N						Valeurs token (Mammisi Edfu, p. 187,2) could not be verified with an image. TLA tokens (Edfu VII, 72,12-13, Bartels photo (wall) 275), I cannot say if there is internal detail, Edfu VII, p. 76,15-16, Bartels photo (wall) 236) is better covered by F310A (O510). JH-D tokens: Dendera XI, p. 177,6, pl. 127 is F310A; Dendera XV, p. 95,14 could not be verified with an image; Dendera XV, p. 208,6, commentaire pl. XLIV is not clear enough to see if there is netting; p. 276,11, pl. LXXXI, my image is				
F310B	Y/i	Dendera XI, p. 177,6, pl. 127.	Y (in core)		Y				A rounded heap of grain on a raised floor, with lines of dots (grain?) written inside it.	Logogram Sna.t (granary).					
F310C			N (manual)	N	N		F310A				Covered by F310A.				
F310D	Y/i	Bartels photo 0084, column behind the leftmost figure.	Y (in core)		Y				A rounded heap of grain on a raised floor, without internal detail.	Logogram Sna.t (granary).					
F310E			N (manual)	N	N						Duplicate of F310F (O229).				
F310F			N (manual)	N	N						Duplicate of F3111 (GID O516).				
F3110		48862+47086+47089, victory stela Piye, verso 81, left 70; KU 8566, line 20.	Y (>=D_ISeh/WG)		N				Two rounded heaps of grain on a raised floor, without internal detail, with a small bit of space between the heaps.	Logogram Sna.t (granary).	All tokens I could locate support F3110 (O229A) over this sign, as none show the point between the two ovals. I currently have no acces to Athribis M 3, 36. **Redrawn in place.** (Redraw, add some distance between the two stela, as in F310F, but without the point.)		redrawn in place		
F3111	Y/i		Y (in core)		Y										
F3120			N (auto)		N						No sources given.				
F3121	Y/i	TSL	Y (vS.2)		Y				An ornamental chevaux de frise on top of walls, with a circle dividing the top and base.	Logogram Xlr (ornament).					
F3122	Y/i	TSL	N (manual)	N	N				An ornamental chevaux de frise on top of walls, with a circle dividing the top and base, written horizontally.	Logogram Xlr (ornament).	Rotated form of F3120 (Aa30). vaeurs reners to a sign that occurs as TSL_1_6996, not this sign, which would most likely be a variant of F3120 (Aa30).		Aa30;R270		
F3123	Y/i	Dendera Porte d'Hathor, p. 28,3, pl. 96 (krand).	Y (in core)		Y				An ornamental chevaux de frise on top of walls, with a circle dividing the top and base, with the top spreading like a flower.	Logogram Xlr (ornament).					
F3124	Y/i	Dendera Porte d'Hathor, p. 42,2, p. 109 (bandeau above the scene).	Y (in core)		Y				An ornamental chevaux de frise on top of walls, with a circle dividing the top and base, with the top spreading like a flower, with a circle on top of the tip.	Logogram Xlr (ornament).					

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F3125	O-23-006				F																	481;2														O;1727		2
F3126	O-23-007							AA31	AA31			Aa31										481;3				1394;12										O;1733		3
F3127	O-23-008			1342D				AA31A			AA31A		30			30		1_1001_01	Aa31	AA031						883;14												5
O24. Architecture elements																																					
F3130	O-24-001																					321;10																1
F3131	O-24-002			1328C				O39	O39			O39	4414	17	3125	1023	249	1_4788_00	O39	O039	168;1	321;1	169;25	13;98	O;7000		853;16			668	16	22	25	13	95	N;355		20
F3132	O-24-003				B			O230	O230			O230	11			11		1_4788_01			173;3				O;7600	1441;6	855;7			16	2			32			9
F3134	O-24-004																					321;12																1
F3135	O-24-005																					321;13														O;1593		2
F3136	O-24-006							O232	O232			O232										321;14			O;6400												2
F3137	O-24-007							O233	O233			O233										321;15														O;1251		2
F3179	O-24-008							O233B																														
F3138	O-24-009							O233A	O233A			O233i										322;1														O;1247		2
F3139	O-24-010																					322;2														O;1249		2
F319A	O-24-011				B			O234	O234			O234	16	16								322;3														O;1241		3
F313B	O-24-012				C			O44C	O44C			O44C	3	3				1_4840																				2
F313C	O-24-013			13291				O44	O44			O44	455	9	177	223	46	1_4837	O44	O044	168;7	322;4	169;30	15;53			854;5			53	3	1	1	2	38	QR;665		19
F313D	O-24-014				F	S		O44D		O44D																				1								1
F313E	O-24-015																					322;5														QR;663		2
F313F	O-24-016				B			O44B	O44B			O44B	5			5						322;6								1					3	QR;661		5
F314D	O-24-017							R130	R130			R130																										
F3142	O-24-018					S		O236	O236			O236										322;8														:;65		2
F3143	O-24-019																					322;9														QR;667		2
F3144	O-24-020							O235	O235			O235										322;10														M;413		2
F3145	O-24-021				F			R131	R131			R131																								QR;669		1
F3146	O-24-022				F																	322;11														O;1443		2
F3147	O-24-023			13292				O45	O45			O45	193	7	82	104		1_4841_00	O45	O045	168;8	322;1	169;28	13;73	O;8100		854;7			5				1	3	O;1445		16
F3148	O-24-024																					322;13														O;1447		2

Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP
cf. AA031; TSL only? without any strokes			Agreed, TSL without strokes only. Adjust grapheme? (OK form vs. later form).					
variant og brick, O039; probably (mis)used for various purposes in attestation s: cf. AA012 that has different function/r epresents something different	?	DIFF	No misuse, but for unicode one rectangle 0 would argue for N37) would suffice. Aa12 is a lot thinner than this sign.					
	Y		Note that Meerenre (PT 616f, M/A/E sub 52 has a variant with base					
what is this?	?	DIFF	Cult emblem of Min.					
			Dendera Porte d'his, p. 66,1, pl. 69					
			Beleg 2 is O44 (there is a curl), I have no idea where Beleg 1 is located, nor where the other 3 attestations are.					Could not verify the shape
	Y	DIFF						

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG variant of F3124 (AaS0)	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
		N (manual)	N	N										
		N (manual)	N	N						oupiscane or ɪ.ɹ.ɹ.ɹ (Aa31).				
								An ornamental chevaux de frise on top of walls, with a flat base.	Logogram Xlr (ornament).	**Redrawn in place.** (Redraw the sign without the two strokes. (Gardiner took this as the OK form of Aa30.)		redrawn in place		
		N (manual)	N	N						Meaningless variant of F3131 (O39).				
y,i	TSL	Y (v5.2)		Y				A rectangular stone slab or brick.	Classifier stone, brick, pebble (mAT).			stone; brick		
y,i	TSL	N (manual)	N	N				A long rectangular sone slab or brick.	Classifier stone, brick, pebble (inr).	Exists, but can too easily cause ambiguity with other rectangles.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
										H&S refers to a different sign, from Pishkshaf, false door, right jamb, col. 2, which is closer to a palace façade to me. At least if there are 3 parts, they are not of the same size.				
		N (auto)		N										
		N (auto)		N						No sources given.				
y,i	BM EA 30839 (B2L), head, leftmost column. (CT V,34,c).	Y (in core)		Y				A tower or a fortress, with battlements on the top resembling a sand covered mountain over the edge of the cultivated areas (N26), with a forwards, downwards line coming from the	Classifier tower (swn.w).	Found and verified by Tobias Konrad. Draw as F3137 (O233), but with the N26-shape instead of the N25 shape on the top.				Additional row
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
y,i	Pepi II, PT 1659a-b, Sethe column 669 (see Berlin image).	Y (in core)		Y				A mastaba with two compartments under a single beam, with a doorway in both compartments.	Classifier to ascend, to mount up (sia).	Description is a guess, one could argue the vertical rectangles represent niches or something similar as well. Functions as F2FD3 (O24A), so it might be worthwhile to move this sign to category O12. Pyramid (although that category could use a rename, as only two entries there are pyramids, replace it with OK funerary monument?).				
y,i	TSL	Y (in core)		Y				A cult emblem of Min, a standard consisting of a coil on top of a pole, with a triangular shape topping the coil. The emblem erected outside the temple of Min, resembling the horns of a bovid (F13) on top of a stem of papyrus with a bud (M13), with a coil of rope (V1) between the	Logogram (Aa:t (the emblem of the cult of Min). Logogram (Aa:t (office, rank, function).					
y,i	TSL	Y (v5.2)		Y				A band of string or fabric (V12), written over the emblem erected outside the temple of Min, resembling the horns of a bovid (F13) on top of a stem of papyrus with a bud (M13), with a coil of rope (V1) between the horns (O44).	Logogram (Aa:t (office, rank, function).	Overlay. Note that the token is not as clear as I would like (the V22 could easily be mistaken for a I32).				
y,i	Dendera Porte d'his, p. 66,1, pl. 69	N (manual)	N	N										
		N (auto)		N						No sources given.				
y,i	Edfu VIII, 124,8, Bartels photo 0155 (krand).	Y (in core)		Y				The emblem erected outside the temple of Min, resembling the horns of a bovid (F13) on top of a stem of papyrus with a bud (M13).	Logogram (Aa:t (office, rank, function).	JH-D token (Dendera XI, 20,12 seems to be a different sign. (similar, but not this sign in my opinion). Valeurs refers to TLA Beleg 2 (i.e., is O44). I currently have no access to Athribis M 1, 25; M 1, 53.				
		N (auto)		N						No sources given.		similar to 322,6		
		N (manual)	N	N						Overlay. No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
y,i	Philae II, p. 124-125, second col. Drand.	Y (in core)		Y				erected outside the temple of Min, resembling the horns of a bovid (F13) on top of a stem of papyrus with a bud (M13), with a sun disk (N5) between the horns, connected with a line to a cone with a spike on top.	Logogram (Aa:t (office, rank, function).	I find it likely this sign is (at least graphically) connected to F2EEF (O15B), and it is possible that detail was lost making this sign a lot more like F2EEF (as I have no access to photos).				
		N (manual)	N	N						Duplicate of F3147 (O45).				
y,i	TSL	Y (v5.2)		Y				A sunrise shining, in the form of a quarter of a circle, with a smaller quarter circle inside the corner away from the reading	Logogram (p.t (harim, inner chamber).	Move this sign (and F3146 and F3148) to				
		N (manual)	N	N						Meaningless variant of F3147 (O45).				

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | VP Val ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description n oonwa ouossng, in the form of a quarter of a circle, with a smaller quarter circle inside the corner away from the reading direction, with an extended pole at the back, with multipe perpendicular lines on top of the ... | Function in context | Comments JG Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sta	GID	HG	HGx	Down	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikeu	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
F315C	O-24-050				A			O48A	O48A		O48A		**153**		122	10	21					323;15							O048A							O;1773	6
F315D	O-24-051		13299					O50B			O50B	FIBA	**152**		151	1			FIB*	O050B			323;16														O;1771	6
F315E	O-24-052		13298			S		O50A			O50A	FIB	**4**		1	3			FIB	O050A																	4
F315F	O-24-053				A			O50	O50				**116**	116						O050E	169;4	324;1	169;33	13;114						1	1					O;1775	9
F3160	O-24-054		13297					O50C				O50	**3656**		2105	1551		1_4853_00	O50	O050						854;12								4		7
F3161	O-24-055				C			O50D										1_4853_01																		1
F3162	O-24-056				B			O49A	O49A		O49A		**15**	11		4																		1		3
F3163	O-24-057																					324;2													O;1769	2
F3164	O-24-058																					324;3													O;1735	2
F3165	O-24-059																					324;4													O;1741	2
F3166	O-24-060							O49	O49		O49		**12725**	719	3079	7124	1803	1_4848	O49	O049	169;3	324;5	169;32	13;107	O;8600		854;11			6219	308	163	244	13	1218	O;1737	20
F3167	O-24-061				B			O49B					**28**			28						324;6							O049A							O;1743	4
F3168	O-24-062																					324;7													O;1745	2
F3169	O-24-063				F																	324;8													O;1739	2
F316A	O-24-064				D			O243	O243		O243		**1**	1								324;9			O;8700	1441;9										Z;7	5
F316B	O-24-065				E			O271	O271		O271										173;?	???							1							3
F316D	O-24-066							O220	O220		O220																										2
F316E	O-24-067				F			O226	O226		O226		**1**			1																		1		2
F316F	O-24-068				B			O338	O338		O338		**28**			28																				O;1253	2
F4707	O-24-069				C			E5129		E5129																				6						1
F3170	O-24-070		13419					AA11	AA11		Aa11		**3448**	34	46	2920	448	1_937_00	Aa11	AA011	249;3	475,5	175;27	13;84			882;10			226	8	13	9	141	126	O;1517	19
F3171	O-24-071				B	S		AA11C					**18**			18							475;6							AA011D								3
F3133	O-24-072			1341A				AA12	AA12		Aa12		**286**	39		247		1_937_01	Aa12	AA012							882;11								37	2		8
F3178	O-24-073				C			E5084		E5084																				9						1
F3172	O-24-074				F																	475;7													O;1519	2
F3173	O-24-075				F																	475;8													O;1523	2
F3174	O-24-076				C	S		AA11B					**6**			6						475;9							AA011C							O;1525	4
F3175	O-24-077				A	S		AA11v	AA11v		Aa11v		**136**			136													AA011A								2
F3176	O-24-078				C	S		AA11A					**3**			3													AA011B								2
F317A	O-24-079							O38D																												

P.XVI. Boats and parts of boat

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vols | Comment DW | Vote DW Core (2021) | DW differentiality | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differentiality | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priority | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vols | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Welsh
F3256	P-03-110			D		P97B		P97B			P97B										180;8									3						ntr	2
F3257	P-03-111			D		P61B		P61B			P61B										179;5	332;4								1						P;197		4
F3258	P-03-112			F		P66B		P66B			P66B										180;2									1								2
F3259	P-03-113			C		P97A		P97A			P97A										180;7									6						skr		2
F325A	P-03-114			F		P97C		P97C			P97C																									P;221		1
F325B	P-03-115					P96		P96			P96																												
F325C	P-03-116			F		P99		P99			P99		1			1																						1
P04. Boat with net																																					w;wlh		
F3270	P-04-001			B		P4F				P4F											332;5									18		2	2			P;275		5
F3271	P-04-002			B		P4B		P4B	8	1		5	2	1_5046		176;2	332;6				P;0701				P004V	4	3		1	3	P;265		wlk;wdf';dm		13
F3272	P-04-003																				332;7															P;269		wlh		2
F3273	P-04-004			B		P4C		P4C			P4C		11			6	5				176;3	332;8								16						P;277		wk;wdf'		6
F3274	P-04-005				132A0			P4		P4		P4	520	2	359	149	10	1_5028	P4	P004	175;8	332;9	169;34	14;21	P;0700		855;13			5					1	P;267				16
F3275	P-04-006			D		P4D		P4D			P4D		3				3																						1
F3278	P-04-007					P4G														P004G																	wlh		
F3276	P-04-008			F		P4E		P4E			P4E																									P;279		tlab		1
F3277	P-04-009			F		P120		P120			P120										332;10															T;477				2
P05. Boat; varia																																					khnw		
F328D	P-05-001			D		P73		P73			P73										332;11		14;22		P;1000											P;283				4

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
Y;I	Dendera X, p. 287,4, pl. 168, col. 2.	N (manual)	N	N		F3259		A moon-sickle shaped boat with an higher prow than stern, with the head of an antilope (FB1) on top of the prow, on top of a sledge represented by four vertical lines between two horizontal lines, with a falcon with spread wings, on top of a low cone shape inside the boat/ship, embracing the cone with its wings, with an oar/rudder at	Logogram Hnw (Henu-bark of Sokar).	Sign will be sufficiently covered by F3259 (P97A) (after it is mirrored).				
		Y (=>D_ISeh/HG)		N						JH-D token (Dendera XII, p. 427,3) could not be verified with an image. Cavaille/Valeurs token (Dendera II, p. 199,11) could not be verified with an image.				
Y;I	Dendera V, p. 63,4, pl. CCCLXVIII	Y (in core)		Y				A moon-sickle shaped boat with an higher prow than stern, with the head of an antilope (FB1) on top of the prow, on top of a rectangle representing water, with a falcon with spread wings, on top of a low cone shape inside the boat/ship, embracing the cone with its wings, with an oar/rudder at	Logogram Hnw (Henu-bark of Sokar).	Technically there are no rudders at the back of sign in this token, but I doubt that would be of any real importance.				
Y;I	Dendera X, p. 238,5, pl. 138.	Y (in core)		Y				A moon-sickle shaped boat with an higher prow than stern, with the head of an antilope (FB1) on top of the prow, on top of a sledge represented by four vertical lines between two horizontal lines, with a falcon with spread wings, on top of a low cone shape inside the boat/ship, embracing the cone with its wings, with an oar/rudder at	Logogram Hnw (Henu-bark of Sokar).	**Redrawn in place.** (Redraw sign as its mirror, as all available tokens are mirrored.)		var P61B		
Y;fl	Philae II, p. 378, randzeile (p. 379, line 15).	Y (in core)		Y				shaped boat with an higher prow than stern, with the head of an antilope (FB1) on top of the prow, with a downwards line with multiple horizontal lines written over it coming from the head, on top of a sledge represented by four vertical lines between two horizontal lines, with a falcon with spread wings, on top of a low cone shape inside the boat/ship, embracing the cone with its wings, with an oar/rudder at	Logogram slr (Sokar).	Exists, but seems to be a meaningless variant of F3259 (P97A), not worthwhile to include in Unicode.		var P61B	Yes	
		N (auto)		N						No sources given.				
cf. P68		N (auto)		N						Not supported by the source.				
Y;I	KIU 3553, line 4	Y (in core)		Y				A fisherman's boat, with a net inside the boat, with internal detail.	Phonemogram wAt.	exists, our internal detail is not considered a meaningful variant of F3271 (P6B)			Yes	
Y;I	TSL	Y (in core)		Y				A fisherman's boat, with a net inside the boat, without internal detail.	Phonemogram wHa.					
		N (manual)	N	N						nnnnngness variant of F3274 (P4). No sources given.				
	KIU 2512, image 137495, top line.	Y (in core)		Y				on top of a rectangle representing water, with a net inside the boat, with internal detail.	Logogram wHa (to loosen, to explain).	Exists, but not a meaningful variant of F3274 (P4).			Yes	
Y;I	KIU 3601, line 7.	Y (v5.2)		Y				on top of a rectangle representing water, with a net inside the boat, without internal detail.	Logogram wHa (to loosen, to explain).					
		N (manual)	N	N		F3278				**Redrawn as F3278.** (Redraw sign, replacing the oval thing in the boat with a rectangular thing.)				
Y;I	KIU 1002, line 25.	Y (in core)		Y				A boat/ship, on top of a rectangle representing water, with a horizontal rectangle inside the ship, with an oar/rudder at the back.	Classifier boat/ship (mnS).	Redrawn form of F3275.		redraw of F3275 (P4D)		
		N (auto)		N						ionre, manuie, wnicn does not provide sources.				
		N (manual)	N	N		F3C4D				(Redraw the sign, replacing the boat with a net on a base (basically F3CAC (T90), on top of a N38, a simplification of the iconographic image which occurs on the plate). Sign should afterwards be moved to category: T16. Trap.)		redrawn as F3C4D		
		N (manual)	N	W						An oarsmans rener pace to Kurth, SAK 153-161, but his source, Edfu III, 341,15, cannot be verified with an image.			Wait	

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikr | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weleti | Vois | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
																																					nf	
F32A6	P-06-024				F	S		P103	P103			P103										334;3															*I53*		1
																																				htiw,fjnct	
F32A7	P-06-025				E			P5N	P5N			P5N	1			1						334;3															P;325		3
																																				n,nfw,fk,fjnc,nwk,t,t1w	
F32A8	P-06-026				C			P5M	P5M			P5M	3			3														1				1		P;317		4
																																				nfct	
F32A9	P-06-027			132A1				P5	P5			P5	1196	58	552	567	19	1_5050_00	P5	P005		169;46	14;23	P;3600		855;14				2				15	P;315		14
F32AA	P-06-028				F			P7B	P7B			P7B	1	1																								1
																																				t1w	
F32AB	P-06-029				F																	334;4														P;293		2
																																				n,fct	
F32AC	P-06-030				C			P5D	P5D			P5D	2			2						176;4	334;5	14;23						1						P;295		6
F32AD	P-06-031																					334;6														P;373		2
F32AE	P-06-032																					334;7														P;291		2
																																				n,fct,fj	
F32AF	P-06-033				B			P5I	P5I			P5I																		4	8			2		P;299		4
																																				nfw	
F32B0	P-06-034				B			P5J	P5J			P5J																		4	2		2	6		P;290		5
F32B1	P-06-035				C			P5H	P5H			P5h	1			1		1_5050_03				176;7	334;9							4			2			P;335		7
F32B2	P-06-036							P5X														334;10														P;321		2
F32B3	P-06-037																					334;11														P;309		2
F32B4	P-06-038							P5AA														334;12														P;337		2
																																				t	
F32B5	P-06-039				F			P5W														334;13														P;323		2
F32B6	P-06-040				F																	334;14														P;313		2
																																				nf	
F32B7	P-06-041				C			P5K	P5K			P5K										334;15													3	P;331		3
F32B8	P-06-042				F			P5Z														334;16														P;339		2
F32B9	P-06-043																					335;1														P;297		2
																																				t1w	
F32BA	P-06-044				F																	335;2														P;301		2
F32BB	P-06-045							P5Y														335;3														P;307		2
																																				t1w	
F32BC	P-06-046				B			P5L	P5L			P5L	1			1						335;4								17		2	2			P;305		6
F32B0	P-06-047				B			P5G	P5G			P5G	3			3		1_5050_02				176;6								61			2			P;305		5
P07. Mast																																					
F32D0	P-07-001							P11B	P11B			P11B										335;5														P;395		2

Index	Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP
F32A6									
F32A7	cf. P5M	N		or Unicode, I would argue to only include P5, not any of the many variants (which will be covered in TSL). I would not call the TLA token P5N (see London UC 32036 (Kahun papyrus LV.2), col 17 (35 in TLA for some reason), photo UC32036-4.CE on the 2004 dvd. (BAR-1209).					
F32A8	cf. P5M; either P5A or P5M	N		to only include P5, not any of the many variants (which will be covered in TSL). I could only verify Belag 3 with an image (Edfu VIII, 123,6, photo 0154, where the entire mast is visible, see attached image). However, I would not be surprised if this sign exists somewhere (i.e. simplified form of P5A, as it only has one line of rigging).					
F32A9				to only include P5, not any of the many variants (which will be covered in TSL). PT 291b (T), sethe column 246 does not really support this sign.					
F32AA									
F32AB									
F32AC				For Unicode, I would argue to only include P5, not any of the many variants (which will be covered in TSL). Both TLA tokens are a different variant (the sail is rectangular, and I am not certain the knot is actually there at the bottom (see Edfu VIII, 90,9, photo 0172)					
F32AD									
F32AE									
F32AF									
F32B0									and the drawing would need to be revised. (inner detail not relevant, and shape of the horizontal stroke to be adapted based on TSL
F32B1	but design mirrored, and design in similar style as P5M and others	Y	DIFF	For Unicode, I would argue to only include P5, not any of the many variants (which will be covered in TSL).					
F32B2									
F32B3									
F32B4									
F32B5									
F32B6									
F32B7									
F32B8									
F32B9									
F32BA									
F32BB									
F32BC				For Unicode, I would argue to only include P5, not any of the many variants (which will be covered in TSL). Currently cannot be verified with an image (Edfu VII, 14,6).					
F32B0	cf. P005	N							
F32D0									

Index	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG Overlay: Valeurs refers to Junker, Schrift, p. 20, which is either Mariette Dendera II or III, pl. 24. I could not locate this sign in either.	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F32A6			N (manual)	N	N										
F32A7			N (auto)		N						F32A9 (P5) will be sufficient for Unicode.				
F32A8	Y/I	Esna VII 602,08, p. 144,13	Y (in core)		Y				A rectangular sail with the mast behind the sail, with one line of rigging coming from the bottom corners of the sail, running to the mast.	Classifier wind, breath, air (nfw/y).	F32A9 (P5) will be sufficient for Unicode. Verified by Peter Dils.			Yes	
F32A9	Y/I	TSL	Y (v5.2)		Y				A rectangular sail, on a mast of a ship with two prongs, connected by vertical lines (P5), written behind the sail.	Logogram TAw (wind, breath, air).					
F32AA			N (auto)		N						F32A9 (P5) will be sufficient for Unicode.				
F32AB			N (auto)		N						Valeurs token (cztru v, p. 147,7) could not be verified with an image.				
F32AC			Y (n=0,JSeh/NG)		N						sufficient for Unicode. JH-D and Caurette (2001) token (Dendera X, p. 230,6, pl. 135) is not clear enough to be certain it is this sign. Valeurs refers to Esna only (i.e., cannot be verified with an image).				
F32AD			N (auto)		N						No sources given.				
F32AE			N (auto)		N						No sources given.				
F32AF	Y/I	Dendera Porte d'Horus, p. 54,7, p. 143.	Y (in core)		Y				A sail, worn a point at the bottom, angling backwards, with a distinct beam at the top, with a mast in front of the sail.	Classifier wind, breath, air (nwr).	F32A9 (P5) will be sufficient for Unicode.			Yes	
F32B0	Y/I	Edfu V, 176,1	Y (in core)		Y				A sail, with a point at the bottom, angling backwards, with a mast in front of the sail.	Classifier wind, breath, air (nfw/y).	F32A9 (P5) will be sufficient for Unicode. JH-D tokens could not be verified with an image. It is likely that P5I and P5J are used interchangably.			Yes	
F32B1	Y/I	TSL	Y (in core)		Y				A rectangular sail, with the mast over the sail, with a cross-beam over the sail, with rigging coming from the top of the sail to the mast.	Logogram TAw (wind, breath, air).	F32A9 (P5) will be sufficient for Unicode.			Yes	
F32B2			N (auto)		N						No sources given.				
F32B3			N (auto)		N						No sources given.				
F32B4			N (auto)		N						No sources given.				
F32B5											Note that in Karnak this code is used for a variant of F329F (P5O), with less rigging. Valeurs token (Edfu VII, 282,15, Bartels photo (wall) 2683, drand) looks more like P5D to me, if even that. At least not this sign.				
F32B6			N (auto)		N						Valeurs token (ZAS 1, p. 39) is F32A2 at best.				
F32B7			N (auto)		N						Valeurs refers to BdE 32, p. 247, which links to Esna III 377, which does not have this sign in the transcription, beside not having an image.				
F32B8	Y/I	Edfu VI, 64,7, Edfu XIII, pl. CCCC:XCVII	Y (n=0,JSeh/NG)		N						III, p. 24,14) could not be verified with an image.				
F32B9			N (auto)		N						No sources given.				
F32BA			N (auto)		N						512,18, p. 109,2) could not be verified with an image, beside not having the cross-bar in the transcription.				
F32BB	Y/I	Edfu VII, p. 14,6	Y (in core)		Y				A sail, worn a point at the bottom, angling backwards, with a distinct beam at the top, with a mast in front of the sail, with a cross-beam over the mast, with rigging coming from the top of the sail to the mast.	Logogram TAw (wind, breath, air).	F32A9 (P5) will be sufficient for Unicode.	inverted		Yes	
F32BC	Y/I	Edfu VII, p. 14,6	Y (in core)		Y				A sail, with a point at the bottom, angling forwards, with a distinct beam at the top, with a mast in front of the sail, with a cross-beam over the mast.	Classifier wind, breath, air (mity.t).	vennwo wen image from Philipp Seyr. F32A9 (P5) will be sufficient for Unicode. JH-D tokens cannot be verified with an image. Valeurs token is F328B (OD P57). Dendera VII, p. 62,7 (verified by Peter Dils), has multiple lines of rigging over			Yes	
F32B0	Y/I	TSL	Y (in core)		Y				A rectangular sail, with the mast in front of the sail.	Logogram TAw (wind, breath, air).	F32A9 (P5) will be sufficient for Unicode.			Yes	
F32D0	Y/I	TSL (P6)	Y (in core)		Y				A mast of a ship, with two prongs, with filling between the prongs.	Phonemogram ate.	[illegible] is technically this sign. However, I do not consider it worthwhile to distinguish it for Unicode.			Yes	

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sta | GID | HG | HGx | Down | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikem | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Siz | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caur | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2025) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Siz | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F33A0	Q-03-001				B			Q18	Q18			Q18	64	63		1						340;14			Q;2100	1443;3	857;8										QR;47		7
F3DC4	Q-03-002							Q23	Q23			Q23														1443;5	857;11												2
F33A1	Q-03-003				B			Q18A	Q18A			Q18A	25	25								341;1				1443;4	857;9										QR;45		5
F33A2	Q-03-004																					341;2														QR;63		2
F33A3	Q-03-005				B			Q19	Q19			Q19	56	4	4	47	1					182;6	341;3	170;3	15;9	Q;2300		857;10	q384 v1	Q800	25		1		11	QR;51		16
F33A5	Q-03-006				B			Q20	Q20			Q20	26			26						341;5	170;3	15;14												QR;65		5
F33AC	Q-03-007				F			E5041		E5041																					1							1
F33A6	Q-03-008				F																	341;6														QR;49		2
F33A7	Q-03-009							Q21	Q21			Q21										341;7														QR;67		2
F33AB	Q-03-010				C			Q22	Q22			Q22										182;7	341;8	170;4							2					QR;59		5
F33A9	Q-03-011				E	S		Q40	Q40			Q40										183;1									1							2
F33AA	Q-03-012				C			Q43	Q43			Q43												15;13							1	1				QR;61		4
F33AB	Q-03-013				F			D;E95		D;E95										Q;050										1							2
Q04. Mirror and base																																					
F33C0	Q-04-001				B			Q24	Q24			Q24	6			6		1_5182				182;8	341;9	170;11	16;73						18	11				5;95		9
F33C1	Q-04-002																					341;10														5;97		2
F33C2	Q-04-003																					341;11														5;91		2
F33C3	Q-04-004				E			Q24A	Q24A			Q24A										182;9	341;12								2					5;93		4
F33C4	Q-04-005							Q25A														341;13														5;99		2
F33C5	Q-04-006																					341;14														5;01		2
F33C6	Q-04-007																					341;15														5;03		2
F33C7	Q-04-008							Q25	Q25			Q25										342;1														5;07		2
F33C8	Q-04-009																					342;2														5;05		2
F33C9	Q-04-010							Q26	Q26			Q26										342;3														5;13		2
F33CA	Q-04-011							5200	5200			5200										342;4														5;11		2
Q05. Chest and coffin																																					
F33E0	Q-05-001				C			Q27	Q27			Q27	2		1	1						342;5			Q;3006		857;12								QR;85		6
F33E1	Q-05-002																					342;7														QR;87		2
F33E2	Q-05-003				C			Q28	Q28			Q28	1			1						183;1	342;8	170;10	20;9										2	W;163		7
F3412	Q-05-004							Q28B												Q;028B																		2
F33E3	Q-05-005																					342;9														W;161		2

Comment DW	Vote DW Core (2021)	DW differentiality	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiality	Comment SP
	Y		TSL candidate, PT 1099b, M/C-med/W 41, MIFAO 140, fig. 25 (although the sign is slightly different). Unas tokens use a variant, see PT 443b, Pankoff pl. 34, 5th col from left. Teti has something more similar, but not as much under an angle, see attached image (PT 435b, Sethe column 300).					
	Y							
	Y							
	Y							
	Y		as the source is cursive, one could wonder if the triangle is intended to be a bird or something else.					

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caur | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhon | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vols | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG Practically a duplicate of F342C. | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differentiality | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differentiality | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikeı	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F34A2	R-02-035			C			R3N	R3N		R3N		3			3						185;2	348;16								1						QR;271		5
F34A3	R-02-036			C			R3E	R3E		R3E											184;5	349;1								3						QR;273		4
F34A4	R-02-037			B			R3O	R3O		R3O		1			1						185;3	349;2								13		1				QR;275		6
F34A5	R-02-038																					349;3														QR;279		2
F34A6	R-02-039						R3AG															349;4														QR;277		2
F34A7	R-02-040																					349;5														QR;233		2
F34A8	R-02-041						R3J	R3J		R3J												349;6														QR;267		2
F34A9	R-02-042			B			R3M	R3M		R3M											185;1								7		1		2	QR;185		5
F34AA	R-02-043			B			R3D	R3D		R3D		10			8	2					184;4	349;7		15;19					12		1				QR;243		8
F34AB	R-02-044			F			DE381		DE381																				1								1
F34AC	R-02-045						R3AH															349;8														QR;281		2
F34AD	R-02-046																					349;9														QR;247		2
F34AE	R-02-047																					349;10														QR;235		2
F34AF	R-02-048						R3AI															349;11														QR;237		2
F34BD	R-02-049			E			R3S	R3S		R3S											185;4														QR;222		2
F34B1	R-02-050						R3AJ															349;12														QR;227		2
F34B2	R-02-051																					349;13														QR;229		2
F34B3	R-02-052						R3AF													R003AF		349;14														QR;241		3
F34B4	R-02-053			B			R3AB	R3AB		R3AB		1			1						185;6	349;15								8						QR;282		5
F34B5	R-02-054						R3AK																															
F34B6	R-02-055			F			R3V	R3V		R3v																										QR;248		1

Index	Comment DW	Vote DW Core (2021)	DW differentity	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentity	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F34A2	check shape of attestations	Y?	DIFF	All TLA examples (Edfu VIII, 19,5; 19,7 photo 0031) are variants without internal detail.						Y/)	Dendera X, p. 294,13, pl. 167, col 30.	Y (in core)		Y				Four circular items, arranged horizontally, on a block table, with a cone at the far side, with a cross inside the block.	Classifier table (T.t).	**Redrawn in place.** (Redraw to a form with 4 circles, instead of 3.) JH-D token Dendera X, p. 67,11, pl. 10, bottom image. bandeau (+Cauville 2001), is more like F34A4 (R3O). Dendera XIII, p. 305,11, commentaire pl. LI, my image is not good enough, but the items look a lot taller. Dendera XIV, p. 214,4 could not be verified with an image.		redrawn in place		
F34A3												Y (n=0_JSeh/WG)		W									Wait	
F34A4	cf. R3N			All TLA examples (Edfu VIII, 19,5; 19,7 photo 0031) are variants without internal detail.						Y/)	Dendera XI, p. 24,12, pl. 20 (top image, recitation col. 2).	Y (in core)		Y				Three circular items, arranged horizontally, on a block shaped table on a base, with a cone at the far side, with internal decoration of sequentially smaller rectangles.	Classifier table (T.t).					
F34A5												N (auto)		N						No sources given.				
F34A6												N (auto)		N						No sources given.				
F34A7												N (auto)		N						No sources given.				
F34A8												N (auto)		N						No sources given.				
F34A9				KIU 3552, line 5 is a different variant. KIU 4850, line 2 is more like R3F (without the vertical stroke in the base). Beleg 1, Edfu VII, 90,4, Edfu XIV, pl. DCXLIXKU, is a variant with 5 circles. The other tokens (Cairo JdE 52453, Lacau SASAE 13) could either be R3D or R3PA (see line 13 and 17). Note that I still voted yes here, as I consider this sign the best candidate to represent R3AA, R3AB, R3C, R3F etc. for Unicode, as I don't see the value of including all the R3 variants in Unicode.						Y/)	Dendera X, p. 217,9; 218,5, 10, pl. 215; Dendera Porte d'Horus, p. 18,3, p. 101.	Y (in core)		Y				A table with an inwards incline of the front legs and vertical legs at the back, with a horizontal beam connecting the legs, with a vertical beam connecting the surface and horizontal beam, with a cone at the far side.	Classifier table (T.t).					
F34AA	check shape of attestations	Y								Y/)	Dendera XI, 40,6, pl. 29.	Y (in core)		Y				Four circular items, arranged horizontally, on top of a table with an inwards incline of the front legs and vertical legs at the back, with a horizontal beam connecting the legs, with a vertical beam connecting the surface and horizontal beam, with a cone at the far side (R3M).	Classifier table (T.t).	Note that some tokens from Dendera are actually F34B1. JH-D token (Dendera XV, p. 236,2, verified by Peter Dils) is a lot less elaborate, and more like a F34AA (R3D) on a base. Unlikely to be a meaningful variant of F34AA (R3D).				
F34AB												N (auto)		N						no sources given.				
F34AC												N (manual)	N	N						Duplicate of F34AB.				
F34AD												N (auto)		N						No sources given.				
F34AE												N (auto)		N						No sources given.				
F34AF												N (auto)		N						No sources given. Lauvree token (Dendera X, p. 197,11, pl. CLV) is not this sign. Valeurs token (Esna VI, 502,5, p. 82,11) could not be verified with an image.				
F34B1										Y/)	Dendera XI, p. 75,14, pl. 58, top image, drand; Dendera X, 61,4, pl. 49 (left image, middle column).	Y (in core)		Y				Three circular items, arranged horizontally, on top of a table with an inwards incline of the legs, with a horizontal beam connecting the legs, with a vertical beam connecting the surface and horizontal beam, with a cone at the far side.	Classifier table (T.t).	F34AA (R3D) will suffice for this sign in Unicode.			Yes	
F34B2												N (auto)		N						No sources given.				
F34B3										Y/)	Dendera XV, p. 225,10	Y (in core)		Y				A round loaf of bread (X6), a conial loaf of bread (X8) and a round loaf of bread (X6), arranged horizontally, on top of a table with an inwards incline of the legs, with a horizontal beam connecting the surface and horizontal beam, with a cone at the	Classifier table (T.t).	Verified by Peter Dils. Note, R3AB in the transcription, and the rightmost triangle is part of the table. JH-D tokens (Dendera XV, the ones that Peter Dils could verify all had different items on the table. Dendera XV, p. 291,5 is a variant with sp5 meat and a milk jug, Dendera XV, p. 291,9 is a variant with two XEB breads; p. 170,5, commentaire pl. XXXVIII, image too poor; p. 178,4, pl. XL, image too poor; p. 208,7-8, pl. XLIV, different items on top, if it isn't a different form of table; 209,10, pl. XLIV, image is not clear enough). Neither Cauville (2001) token could be verified with an image, nor could the valeurs token. Dendera VIII, p. 48,9 has a variant with 5 dots (verified by Peter Dils).				
F34B4	Cannot be verified by an image, and based on Edfu VII, 16, not 18, I wonder if it should not be 6 loafs in a single line, instead of double.											Y (n=0_JSeh/WG)		N										
F34B5												N (manual)	N	N						Practically a duplicate of F34B4 (R3AB). No sources given.		dup R3AB		
F34B6												N (auto)		N						valeurs token (cena x 131,9, p. 242,14) could not be verified with an image.				

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Siz | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Siz | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | FAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sis | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sis	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
																																				VP Val	
																																			it sjr:sjrt	
F357A	R-07-022				F	S																354;4													QR;413	2
																																			sjr mnh	
F357B	R-07-023				F	S																354;5													QR;415	2
																																			sjrt mnh(t)	
F357C	R-07-024				F	S																354;6													QR;419	2
																																			sjrt(t) mnht	
F357D	R-07-025				F	S																354;7													QR;417	2
																																			sjrt mnht	
F357E	R-07-026				F	S																354;8													QR;421	2
F3579	R-07-027					S																354;9													QR;425	2
																																			h:ḥr sjr	
F357A	R-07-028				C			R49	R49		R49		3		2	1	1_5239_02					354;10													3 QR;409	6
F357B	R-07-029																					354;11													QR;395	2
F357C	R-07-030																					354;12													QR;397	2
																																			ḥr sjr	
F357D	R-07-031				B			R50	R50		R50		70		1	69	1_5239_03					354;1	170;23	15;28				R8001								QR;403	8
F357E	R-07-032				C			R10I			R10I								R10*	R010A					R;4201											3
F3598	R-07-033			1328C	D			R50A												R010A																1
F357F	R-07-034				E			DE351			DE351																			2						1
F358D	R-07-035																					354;14													QR;399	2
F3581	R-07-036																					354;15													QR;411	2
F3582	R-07-037																					354;16													QR;401	2
F3583	R-07-038																					355;1													QR;387	2
																																			ḥr sjr	
F3584	R-07-039				C			R10H	R10H		R10h		7			7						355;2			R;4202											QR;405	4
																																			ḥr sjr	
F3585	R-07-040				B			R10D	R10D		R10D		30			30						355;3			R;4202											QR;407	4
F3586	R-07-041							R51	R51		R51											355;4													QR;389	2
F3587	R-07-042							R52	R52		R52											355;5													QR;391	2
																																			ḥr-sjr	
F3588	R-07-043				F			R10F	R10F		R10F											355;6													N;517	2
																																			ḥr-sjr	
F3589	R-07-044				C			R10G	R10G		R10G		4			4						355;7													N;521	3
F358A	R-07-045																					355;8														1
F358B	R-07-046				C			R10J									1_5239_05																				1
F358C	R-07-047				C			R10K									1_5239_06																				1
F358D	R-07-048				C			R10L									1_5239_07																				1

Vots	Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP
n	tokens in TSL are actually cases of F357E und F357D	N		F3598 would be a good replacement grapheme for U+132BC, which could then be used for R49 and R50					
n	insert shape F3598 instead	N		For Unicode, F3598 would be a good replacement grapheme for U+132BC, which could then be used for R49 and R50.					
n	only(?) attested in Gardiner , not in Hieroglyphica/JSesh; eventually make the shape F3598 shape of R010A?			Replace Grapheme with F3598.					
		Y	DIFF	Should not be added, grapheme should replace F357E.					
	check shapes of attestations; TSL has more/other shapes	?	DIFF	Not currently in TSL. Due the the high level of variety in this sign, I suggest only including R10 in Unicode.					
	check shapes of attestations; TSL has more/other shapes	Y		Due the the high level of variety in this sign, I suggest only including R10 in Unicode.					In addition to R10 in order to have variant with the mr-t feather.
n	check shape of middle part, rather as in R50?; check shapes of attestations; TSL has more/other shapes	N		Due the the high level of variety in this sign, I suggest only including R10 in Unicode. Belag 2 (Pahesi, AAT 23, pl. VII, col 1) is R10D, which is true for belag 1 and 3 as well (only ones accesable to me).					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
		N (manual)	N	N						Lomer insension. no sources given in Valeurs (vans ref).	
		N (manual)	N	N						Lomer insension. no sources given in Valeurs (vans ref).	
		N (manual)	N	N						Lomer insension. no sources given in Valeurs (vans ref).	
		N (manual)	N	N						Lomer insension. no sources given in Valeurs (vans ref).	
		N (manual)	N	N						Lomer insension. no sources given in Valeurs (vans ref).	
		N (manual)	N	N						Corner insertion.	
Y/I	KIU 4812, line 9.	Y (in core)		Y				A cloth wound on a pole, an emblem of divinity (R8), written over a butchers block with a rounded bottom, and a broad horizontal line on top, with the pole at the bottom of the block.	Logogram Xr-t-nTr (necropolis).	A redrawn F347E (using F3598) would suffice for this sign in Unicode.	
Y/I	TSL	Y (in core)		Y				A cloth wound on a pole, an emblem of divinity (R8), written over a butchers block with a broad base, with the pole at the bottom of the block.	Logogram Xr-t-nTr (necropolis).	A redrawn F347E (using F3498) would suffice for this sign in Unicode.	
Y/I	Berlin museum (awaiting location, some type of rectangular wooden coffin in a glass case with hieroglyphs on it).	Y (in core)		Y				A cloth wound on a pole, an emblem of divinity (R8), written over top of a butchers block (T28).	Logogram Xr-t-nTr (necropolis).	Verified by Daniel Werning	
Y/I	TSL (R10 token TSL_3_18673).	Y (v5.2)		Y				A cloth wound on a pole, an emblem of divinity (R8), written over a butchers block, with the pole at the bottom of the block.	Logogram Xr-t-nTr (necropolis).	Overlay. JH-D tokens could not be verified with an image (Dendera XV, p. 178,4, commentaire pl. XL), as the image is not remotely sufficient to see the sign, the second token is the index for this same source).	
		N (manual)	N	N						Practically a duplicate of F347A (R49).	
		N (manual)	N	N						Overlay, besides no sources given in Valeurs.	
		N (auto)		N						No sources given.	
		N (auto)		N						No sources given.	
		Y (i=D_JSeh/WG)		N						Number of R10 variants should be kept low for Unicode. Valeurs refers to WB II, p. 394 (Xr.t-nTr; 1232 slips in TLA, not practical to locate a variant of this highly varied lemma.).	
Y/I	MDAIK 31,1, 135f. Abb. 5, taf. 43b (top line).	Y (in core)		Y				A cloth wound on a pole, an emblem of divinity (R8), written over top of a butchers block, with the pole at the bottom of the block, at the back of a rectangular base, with a feather (H6), angled forwards on the tip of the base.	Logogram Xr-t-nTr (necropolis).		
		N (auto)		N						No sources given.	
		N (auto)		N						No sources given.	
		N (auto)		N						Valeurs refers to WB II, p. 394 (Xr.t-nTr; 1232 slips in TLA, not practical to locate a variant of this highly varied lemma.).	
Y/I	MDAIK 31,1 (Schenkel), p. 141, pl. 46,b.	Y (in core)		Y				A cloth wound on a pole, an emblem of divinity (R8), written over top of a butchers block, with the pole at the bottom of the block, on top of a rectangular base, with a feather (H6), angled forwards on the tip of the base and a sandy hill slope (N29) behind the butchers block.	Logogram Xr-t-nTr (necropolis).	Number of R10 variants should be kept low for Unicode. No sources in Valeurs. Note that in this token the feather is a lot smaller (about the hight of the block at most).	
		N (auto)		N						No sources given.	
Y/I	TSL	Y (in core)		Y				pole, an emblem of divinity (R8), written between a sandy hill slope (N29) and a butchers block.	Logogram Xr-t-nTr (necropolis).	Number of R10 variants should be kept low for Unicode.	
Y/I	TSL	Y (in core)		Y				A coon wound on a pole, an emblem of divinity (R8), written between a butchers block and a sandy hill slope (N29), with a feather (H6), angled forwards at the front tip of the A coon wound on a pole, an emblem of divinity (R8), written between a butchers block and a sandy hill slope (N29), with a feather (H6) on the butchers block and	Logogram Xr-t-nTr (necropolis).	Number of R10 variants should be kept low for Unicode.	

Comment MS	Change (Berlin)	Changes (post 19-02-2023)
	Yes	
	Yes	
	Yes	Yes
DW request		
	Yes	
	Yes	
	Yes	
	Yes	

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikee	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight	Vots	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
F358E	R-07-049			C				R10M										1_5239_08																					1											
																																				ḥrt-ntr											
F358F	R-07-050			C				R10A	R10A		R10A		**2**			2		1_5239_01		R010N		355;9		2;66 15;28			858;12		R8000								8	N		Y	DIFF	Due the the high level of variety in this sign, I suggest only including R10 in Unicode. The first attestation has a rounded part at the feather block, so I took it as the arm, however, I agree that the other two might simply be a straight base, but I doubt we will ever be certain if it should be taken as hand or not.					Not convinced by any of the TSL tokens with an arm.
F3590	R-07-051			F																		355;10														*ḥrt-ntr*	N;461	2									
F3591	R-07-052			F				R10B	R10B		R10B											355;11														*ḥr-ntr*	N;519	2									
F3592	R-07-053		13288					R10	R10		R10		**25**			25		1_5239_00	R10	R010			170;23	12;58 15;21	R;4200		858;11										8				Note that due to the variety of this sign, this token was remarkably difficult to find! (hence the cursive token).										
F3593	R-07-054			F				R10C	R10C		R10C											355;12														*ḥrt-ntr*	N;489	2									
F3594	R-07-055			C				R10E										1_5239_04																			1	Y/i	TSL	Y (in core)		Y							
F3595	R-07-056							R53	R53		R53											355;13															N;485	2		N (auto)		N							
F3596	R-07-057							R10B	R10B		R10B											190;9		170;25														2	Y/i	KIU 3815, line 2	Y (in core)		Y							
F3597	R-07-058							R48	R48		R48																													N (auto)		N							
R08. Reed column																																				*ḥ gmḏ s; sḫ; r; ddḥ gḥ ḏḥḍ*											
F35A0	R-08-001				1328D			R11	R11		R11		**2126**	168	164	878	916	1_5258	R11	R011	186;3	355;1	170;26	15;31	R;4300		858;13			376	12	2	8	2	150	Q	R;435		20	Y/i	TSL	Y (v5.2)		Y							
F35A1	R-08-002				E			R54	R54		R54											189;6	355;15							1						D;419		4			N (manual)	N	N							
F35A2	R-08-003				B			R55	R55		R55		**16**			2	14	1_5416			189;6	356;1			R;4310					1	4		2			D;421		10		Y									
F35A3	R-08-004				A			R122	R122		R122												170;27	15;32						130		6	4		9		*sḏ*	6	Y/i	KIU 1879, line 5. Dendera Porte d'Hathor, p. 44;14, p. 111 (drand).	Y (in core)		Y							
F35A4	R-08-005				F			R112	R112		R112																									Q	R;436		1	Y/i		N (auto)		N							
F35A5	R-08-006				F			HA0706												R140										1							2	Y/i	Dendera, Porte d'Hathor, p. 1;10, p. 69.	Y (in core)		Y							
R09. Standard																																																
F3580	R-09-001				A			R56	R56		R56		**14**			12	2				356;2	159;6	15;34			859;16			147	10	4	6	1	238	Q|R;455		13	N	cf. R12A; check attestation s; standalon e sign?	?	DIFF	I think we should only include R12 in Unicode. However, it is a standalone sign										
F3581	R-09-002																					356;3														Q	R;453		2											
F3582	R-09-003																					356;4														Q	R;457		2											
F3583	R-09-004																					356;5														Q	R;459		2											
F3584	R-09-005				C			R91	R91		R91		**5**	5				1_5472							O;2700	1444;14												4		Y											
F3585	R-09-006							R12C														356;6														Q	R;461		2											
F3586	R-09-007					S																356;8														Q	R;501		2											
F3587	R-09-008							R57	R57		R57											356;9																2											
F3588	R-09-009							R66A	R66A		R66A																																						
F3589	R-09-010							R67A	R67A		R67A																																					
F358A	R-09-011																					356;10														Q	R;463		2											

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sla | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vols | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sis | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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F3630	R-12-001				A			R15A	R15A											R015H	187;1	361;1		15;49
F3631	R-12-002				C			R72	R72			R72	**2**			2					190;2	361;2		12;53
F3632	R-12-003				F			ES119		ES119												361;3		
F3633	R-12-004					S		R73	R73			R73										361;4		
F3653	R-12-005				F	S		ES207		ES207														
F3634	R-12-006				F	S		R77A		R77A														
F3635	R-12-007				F			R74	R74			R74	**1**			1						361;5		
F3636	R-12-008				F																	361;6		
F3637	R-12-009																					361;7		
F3638	R-12-010				B			R15C		R15C												361;8		
F3639	R-12-011							R15G																
F363A	R-12-012							R15E														361;9		
F363B	R-12-013				A			R15	R15				**265**	245			20				186;9		170;28	15;49
F3652	R-12-014			132C1				R15I				R15	**1011**		279	732		1_5291_0(	R15	R015				
F363C	R-12-015				B			R15H				R15A	**68**			68		1_5291_01		R015A		361;10		
F363D	R-12-016				D	S		R75	R75			R75										361;11		
F363E	R-12-017				B			R72A	R72A			R72A	**7**			7					190;2	361;12		
F363F	R-12-018				B			R76	R76			R76	**9**			9					190;3	361;13		12;61
F3656	R-12-019				E			R76A		R76A														
F3640	R-12-020				B	S		R77	R77			R77	**6**			6					190;4	361;14		
F3641	R-12-021				B	S		R78	R78			R78	**1**			1								
F3642	R-12-022				C	S		R78A		R78A														
F3643	R-12-023																					361;15		
F3644	R-12-024				F	S																362;1		
F3645	R-12-025																					362;2		
F3646	R-12-026							R79	R79			R79										362;3		

Index	H&S	Hannig	Bonnam	Moelle	Richn	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F3630						233	10	10	9			QR;579	*3b;i3b*	9
F3631						4						N;449	*3b;i3b*	6
F3632												QR;581		2
F3633												D;699		2
F3653							1							1
F3634						1								1
F3635												J;119	*imnt i3bt*	3
F3636												QR;549		2
F3637												QR;585	*3;3b;3bw;i;i3b;ib*	2
F3638						26						QR;587		3
F3639														
F363A														1
F363B						76	1		8					8
F3652			858;17							5	110		*3b;i3b;i3bi*	8
F363C											1	QR;593	*i3b.f*	6
F363D						2						J;61	*i3b*	3
F363E						4						N;451	*i3bt*	5
F363F						7		2				N;479		7
F3656									2				*3b;i3bt*	1
F3640						3	1		1			H;135		7
F3641						6	1			1				4
F3642						7			1					2
F3643												QR;607	*i3by*	2
F3644												D;865		2
F3645														1
F3646												QR;599		2

Index	Vote	Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP	Validated	Location validation
F3630											Y/i	Dendera Porte d'Hathor, 26,13, p. 95.
F3631		cf. R72A	N		Beleg 2 (Edfu VIII, 90,10, photo 0117) is R76 in my opinion. I could not verify the other attestations (nor from Cauville).						Y/i	Dendera XIII, p. 424,2, Commentaire pl. LXVII.
F3632												
F3633												
F3653											Y/i	Esna VII 633,00 p. 228,11
F3634												
F3635	n	overlay (although not both centered)?			Sign Junker Giza I, abb. 51, pl. XXXVIc is actually rather different (M48 on a standard).							
F3636												
F3637												
F3638											Y/i	Dendera XI, p. 20,13, pl. 18 (top image).
F3639												
F363A												
F363B					TSL tokens support the R15 grapheme of Gardiner and Jsesh. Adjust Unicode grapheme?							
F3652			Y?	DIFF							Y/i	TSL
F363C			Y								Y/i	TSL
F363D											Y/i	Dendera XV, p. 216,2, BIFAO 90 (Cauville), pl. III, bottom image (facsimile and transliteration/translation see p. 106).
F363E			Y								Y/i	Edfu VIII, 33,8, Bartels photo 0048 (krand).
F363F			Y								Y/i	Dendera Porte d'Hathor, p. 32,3, p. 100.
F3656												
F3640	N	overlay (although not both centered)?	?	DIFF	Overlay. Note that Beleg 1, Edfu VIII, 25,13, photo 0040 (krand) uses a variant of R15. I could not verifiy this specific grapheme with an image.					overlay	Y/i	Dendera XI, p. 144,5, pl. 116 (bandeau).
F3641		overlay (although not both centered)?			Overlay. Sehel Stela (MIFAO 126, 566-567, col 23) is really vague, but I would read R77 over R78 here.							
F3642												
F3643												
F3644												
F3645												
F3646												

Index	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F3630	Y (in core)		Y				A spear made into a standard, resembling a fire-drill in a piece of wood (U28).	Phonemogram Ab.	Technically a simplified variant of F363B (Jsesh R15), but occurs too often in Dendera to leave out.		Jsesh glyph slightly different		
F3631	Y (in core)		Y				A spear made into a standard, resembling a fire-drill in a piece of wood (R15A), on top of a sand covered mountain over the edge of the cultivated areas (N26).	Logogram iAb.t (east).	Token is not great in my image, but seems to be this sign (although it might be F363E (R72A)). Kurth token (Edfu VIII, 146,12) was not visible on my image, but Chassinat used R76. I am not sure if it is worthwhile adding both F3631 and F363E in Unicode.			Yes	
F3632	N (auto)		N						Valeurs token (Edfu I, p. 415,10) could not be verified with an image, and is F364B in the transcription (this sign comes from transcription Alliot).				
F3633	N (auto)		N						Overlay. No sources given.				
F3653	N (manual)	N	N				The leg of a bird, as if drawn towards the body (H31), written over a spear made into a standard, resembling a fire-drill in a piece of	Phonemogram iAb.	Overlay. Verified by Peter Dils. Function is a guess.				
F3634	N (manual)	N	N						Overlay. JH-D token (Dendera XV, p. 204,14, commentaire pl. XLIII), my image is not remotely good enough to verify the sign (as it needs to be near perfect to distinguish between F3653 and F3634 (as the only variation is the dots added in the N26 part of the sign).				
F3635	N (auto)		N						Not supported.				
F3636	N (auto)		N						Valeurs token is not this sign.		part		
F3637	N (manual)	N	N						Mirrored form of F3636.				
F3638	Y (in core)		Y				A spear made into a standard, resembling a fire-drill in a piece of wood (U28), with outwards angled lines coming from	Radicogram iAb.t (left eye).	Exists, but the other form of R16 should suffice for Unicode.			Yes	
F3639	N (manual)	N	N						Pracically a duplicate of F3638 (R15C).		var R15C		
F363A	N (manual)	N	N						Pracically a duplicate of F3638 (R15C).				
F363B	N (manual)	N	N						HG form of R15, a quick survey of JH-D tokens show most are F363C instead. F3652 (Jsesh R15) and F363C (Jesh R15A) will suffice for Unicode.				
F3652	Y (v5.2)		Y				A spear made into a standard, with a circle on either side of the speartip, with a loop over the standard.	Phonemogram Ab.	Gardiner/Jsesh R15, not HG R15 (F363B).				
F363C	Y (in core)		Y				A spear made into a standard, resembling a fire-drill in a piece of wood (U28), with a loop over the	Logogram iAb.t (east).					
F363D	N (manual)	N	N				A horned desert viper (Cerastes cerastes) (I9), written over a spear made into a standard, resembling a fire-drill in a piece of wood (U28), with a loop over the standard (Jsesh	Phonemogram/logogram iAb.y=f (his left side).	Overlay.				
F363E	Y (in core)		Y				A spear made into a standard, resembling a fire-drill in a piece of wood (U28), with a loop over the standard (Jsesh R15A), on top of a sand covered mountain over the edge of the cultivated areas	Logogram iAb.t (east).					
F363F	Y (in core)		Y				A spear made into a standard, resembling a fire-drill in a piece of wood (U28), with a loop over the standard (Jsesh R15A), on top of the hill country over the edge of the cultivated areas	Logogram iAb.t (east).					
F3656	N (auto)		N						Dendera, Porte d'Horus, p. 1,10, p. 82; p. 37,12, p. 125; images are not remotely clear enough to be able to distinguish between F363F and F3656.				
F3640	N (manual)	N	N				The leg of a bird, as if drawn towards the body (H31), written over a spear made into a standard, resembling a fire-drill in a piece of	Logogram iAb.y (left side).	Overlay. Note that the Dendera XI token is based on F3630 (R15A), not F363C (Jsesh R15A) (i.e., F3634 (HGx R77A)). Transcribed as F3641 (R78).				
F3641	N (manual)	N	N						Overlay. JH tokens (Dendera XIII) cannot be verified with an image. JH-E token (Esna VII 613,05, p. 174,6, verified by Peter Dils) has a different standard and a different arm (if not claw).				
F3642	N (manual)	N	N						Overlay, and JH-D tokens use H31 as overlay, not the arm. (i.e., F3640 (R77), although based on F3630 (R15A).				
F3643	N (auto)		N						No sources given.				
F3644	N (manual)	N	N						Overlay. Valeurs gave no source.				
F3645	N (auto)		N						No sources given.				
F3646	N (manual)	N	N						Overlay. No sources given.				

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikor	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight	Vols
																																				VP Val		
																																			11b		
F3647	R-12-027				B			R127	R127			R127	3		1	2						362;4													27	QR;589	5	
F3648	R-12-028							R127B		R27A																												
F3657	R-12-029			132CE				R127C											R27	R027																		
F3649	R-12-030																					362;5															1	
F364A	R-12-031					S																362;6													QR;595	2	
F364B	R-12-032																					362;7													QR;605	2	
F364C	R-12-033				B			R15B	R15B			R15B	1			1														9	2						3	Y/I
																																			1b;1by;1bbatib		
F364D	R-12-034				B			R127A	R127A			R127I	1				1					362;8												1		1	28	QR;603	6	
F364E	R-12-035																					362;9															QR;601	2	
F364F	R-12-036				C			R15D		R15D																				4			1				2	
F3650	R-12-037							R15F														362;10													QR;591	2	
F3655	R-12-038				F			E5141		E5141																				1						1	Y/I
F3651	R-12-039				B	S		R111	R111			R111									191;3		170;29	2;16						14							4	Y/I
F3654	R-12-040				F			E5026		E5026										R141										1						2	Y/I
R13. Emblem type R80																																					
F3660	R-13-001				D			R80	R80			R80										362;11		15;61													3	
F3661	R-13-002							R16A	R16A			R16A										362;12				1443;15											3	
R14. Emblem of eighth nome of Upper Egypt																																					
F3670	R-14-001				D			R17A	R17A			R17A	3			3						362;14															3	
																																			t1 wr		
F3671	R-14-002				D			R17D	R17D			R17D	1			1						363;1		15;50											1	QR;619	5	
F3672	R-14-003				C			R17E									1_5297_01			R017E																2	Y/I
F3673	R-14-004																					363;2													N;387	2	
																																			pa		
F3674	R-14-005				F																	363;3													N;385	2	
F3675	R-14-006							R83	R83			R83										363;4													QR;629	2	Y/I
F3676	R-14-007			132C5				R18	R18			R18	31	12		19		1_5302	R18	R018			170;33					859;3								7	Y/I
																																			t1 wr		
F3677	R-14-008				E			R18E	R18E			R18E										363;5												1	QR;625	3	

Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
			All 3 KU cases have an arm written over the sign (like R77/R78). The tokens do not seem to have the distintive ties below the horizontal line.								Y (=D_ISeh/HG)		N						Could not be supported. Athribis supposedly has 27 tokens, but I currently have no access to the publication.				
cf. Gardiner/J Seh R15	N?		T63B seems the closest similar sign in Jseh, although it seems the Unicode form tried to make a variant between T63A and T63B. However, based on T63B, it seems the 'bones' are an error, so probably covered by T63B. Gardiner (1953) did not provide an origin.								N (auto)		N						See F381A (T63B) Redraw lines as arrows, flat-point front side.			Redraw in new row.	
											Y (v5.2)		Y					Logogram n.t (Neith (divinity)).					
											N (auto)		N						No sources given.				
											N (auto)		N						No sources given.				
											N (auto)		N						No sources given.				
										ACEr 16, pl. 7a, 110a (bio Khnoumhotep, col 2.)	Y (in core)		Y				A spear maae into a standard, resembling a fire-drill in a piece of wood (U28), with two ties or bands of cloth at the far side of the	Logogram iAb.t (east).				
			be covered by Gardiner/Jaeh R15 (which should be the Unicode Grapheme as well). (none of the exmples have ties below the horizontal beam which are at 45°.								Y (=D_ISeh/HG)		N						Not a meaningful variant of F3652 (Jaeh R15).				
											N (manual)	N	N						Practically a duplicate of F3652 (Gard/Jaeh R15).				
											N (auto)		N						JH-D tokens (Dendera XIII, p. 211,2; XIV, p. 51,11; 208,12; XV, p. 30,2) could not be verified with an image, or (in case of XV, p. 30,2, verified with online image) was F363C (Jaeh R15A) in my opinion. Porte d'Horus token (p. 20,13, p. 106) was F363C (Jaeh R15A) in my opinion.				
											N (auto)		N						No sources given.				
										Esna VII 612,06, p. 171,6	Y/R (in core)		Y/R				A spear made into a standard, with a circle on either side of the spearzip, with a backwards curving loop over the standard. An eye (D4), written over a spear made into a standard, resembling a fire-drill in a piece of wood (HG R15A).	Phonemogram iAb.	612,06, p. 171,6, verified by Peter Dils) does technically exist, but has a rather poor loop drawing in the current token (should be more like the F3619 (R104) standard type of loop. I highly doubt this is a meaningful variant for Unicode. If added, it needs to be redrawn.				
										Dendera X, p. 92,2, pl. 68 (col. 202)	N (manual)	N	N					Logogram iAb.t (left eye).	Overlay.		eye		
																			verreos oy reter uns. **Redrawn in place.**				
										Esna VII 567,04, p. 53,8	Y (in core)		Y				A spear made into a standard, resembling a fire-drill in a piece of wood (U28), with a floating dot at either side of the cone, with two ties or bands of cloth at the far side of the pole.	Radiogram iAb.t (left eye).	(Redraw the sign as F364C, with two dots floating a hight near the tip of the central cone, above the tips of the N26 base, not much closer in.) However, I am not certain this represents a meaningful variant		redrawn in place	Yes	
											Y (=D_ISeh/HG)		N						I could not locate where this sign occurs.				
											N (auto)		N						No sources given.				
check shape of attestation s	?	DIFF	seeeg z LUS Angeles 50.33.31, ifA 38, pl. 1) is a bit different, see line 9, basically R17 with the feathers of R17A. I could not verify Beleg 1 (book not available), but I doubt it is this specific grapheme.								Y (=D_ISeh/HG)		N						Currently not supported. F3672. Seems to be true for the TLA token as well. (Athribis token is shaded at the top, so cannot be used to verify this sign).				
			Could not be verified with an image, but based on the tokens of TSL_1_5297_01, I wonder if the horns are not always actually a bar.								Y (=D_ISeh/HG)		N										
									Y/I	TSL	Y (in core)		Y				A wig, without fillet, with two feathers and a horizontal bar. uzen a zole	Logogram tA-wr (8th nome of Upper Egypt).					
											N (auto)		N						No sources given.				
																			Valeurs refers to WB V, p. 371, which shows htat this sign is technically a misinterpretation (it is basically F3673 without a stick), but I cannot verify the source as given in the slips, as I do not know which object (Kairo Wb. Nr. 144, supposedly in Sethe 25, 107) it is.				
											N (auto)		N										
more often without disk between feather and without horns? (like R17C); cf. TSL			Probably, as it would be difficult to see in sunk relief. None of the PT examples seem to use the disc. KU 1128, line 6 has a variant which includes a standard as well (which seems to be the habitual form in Karnak).						Y/I	Louvre C 26 (top register, column in front of the right looking seated figure).	Y (in core)		Y				A wig, with a fillet, with a headdress consisting of two feathers on top of the horns of a ram (S77), on top of a vertical pole, on top of a parcel of land with irrigation ditches (N24).	Logogram tA-wr (8th nome of Upper Egypt).	**Redrawn in place.** (Redraw sign as F3571 (R17D), replacing the stick with the standard. (i.e., no sun disk).)		redrawn in place		
									Y/I	TSL	Y (v5.2)		Y				A wig, with a fillet, with a headdress consisting of two feathers on top of the horns of a ram (S77), on top of a vertical pole, on top of a parcel of land with irrigation ditches (N24).	Logogram tA-wr (8th nome of Upper Egypt).	**Redrawn in place.** (Redraw to a from without the sun between the feathers.)		redrawn in place		
											N (auto)		N						vaeurs toeen (KIU 4205, line 1 (Opet I, 186), should be read as R17. I currently have no access to Athribis I.1, 111.				

| Index | Catalog | Glyph | G-2021 | UCS | Priority | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikemet | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhon | Vp Val Weight | Comment DW | Vote DW Core (2021) | DW different ity | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priority | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikeı | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | Vote DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikee	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
F371A	S-01-013				B		S48	S48			S48	**11**			11					199;4	366;9		13;108						46	1			23	O;1747	8
F371B	S-01-014			13203			S48A			S2A		**1**			1			52*	S002A														5;5	4
F371C	S-01-015						S49	S49			S49									199;5	366;11														5;15	3
F371D	S-01-016																				366;12														5;17	2
F371E	S-01-017			13202			S2	S2			S2	**158**	106		43	9	1_5636_00	52	S002	192;2	366;1	170;46	16;5		S;0110		860;8							18	S;9	14
F371F	S-01-018				B		S2A	S2A			S2A	**7**			5	2	1_5636_01		S002B	192;3	366;1	170;46	16;6						14	1	1		12	S;11	13
F372D	S-01-019				F		S49A	S49A			S49A									199;6									1						2
F3721	S-01-020				F		S182	S182			S182														S;0111									S;13	2
502. Red crown of Lower Egypt																																				
F3730	S-02-001			132D4			S3	S3			S3	**2088**	1	19	1124	944	1_5659	53	S003	192;4	367;1	170;49	16;8		S;0200		860;9		1130	147	65	56	191	332	S;21	20
F3731	S-02-002				B		S50	S50			S50	**12**			11	1				199;7	367;3		13;109						51	1				27	O;1749	9
F3732	S-02-003			132D5			S4	S4			S4	**129**	103		21	5	1_5689	54	S004		367;5		16;11		S;0210		860;10							3	S;37	12
F373A	S-02-004						S4A																													
F3733	S-02-005						S51	S51			S51										367;7														S;25	2
F3734	S-02-006						S51A	S51A			S51A										367;8														S;27	2
F3735	S-02-007						S52	S52			S52										367;9														S;29	2
F3736	S-02-008			13208			S50A			S6A								S6*	S006A															S;31	3
F3737	S-02-009				C		S183	S183			S183									204;8		171;1	16;9						1					1	S;23	6
F3738	S-02-010						S173	S173			S173														S;0201											1
F3739	S-02-011				F		E5211		E5211																					1						1
F373B	S-02-012						S173A																													
503. Union of red crown of Lower Egypt and white crown of Upper Egypt																																				
F3740	S-03-001			13206			S5	S5			S5	**50**		9	31	10	1_5710	55	S005	192;5	367;3	171;2	16;12		S;0300		860;11		109	6	8	2	1	35	S;39	19
F3748	S-03-002				F		E5142		E5142										S005A										1						2
F3741	S-03-003						S53A	S53A			S53A										367;11														S;43	2
F3742	S-03-004						S54	S54			S54									200;1	367;12														S;47	3
F3743	S-03-005				F		S54A		S54A																					1						1
F3744	S-03-006																				367;13														S;45	2
F3745	S-03-007						S185	S185			S185									204;9	367;14														S;41	3
F3746	S-03-008			13207			S6	S6			S6	**20**	1	1	13	5	1_5727	56	S006	193;1					S;0310		860;12		2					3		12
F3747	S-03-009						S53	S53			S53																									
504. Blue crown																																				
F3750	S-04-001			13209			S7	S7			S7	**8**		2	5	1	1_5744	57	S007	193;2	368;1	171;11	16;13		S;0400		860;13	s413ter v4p9					1	S;57	15
F3751	S-04-002																				368;3														S;59	2

Vote DW	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
N	cf. S002A	Y?	DIFF	An assessions are U+13203. Grapheme in Jsesh and Hieroglyphica should probably be replaced.					
	check shape of attestation s; combinati on with 'wire' but not Red Crown suspicious	?	DIFF	Attested in TSL, without a doubt with the curl.					
N	cf. S006A; shape verified in Karnak	Y?	DIFF	this grapheme are U+13208. Jses and Hieroglyphica grapheme should be changed to the unicode form instead.					
				Note that in the TSL tokens, the white crown is written over the red crown, instead of inside.					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
Y/I	Dendera XI, p. 158,14, pl. 114 (drand).	Y (in core)		Y				The white crown (S1), on top of a plan of a crossroads in a village (O49).	Logogram Sma.w (Upper Egypt).	Exists, but proxeary meaningless to include in Unicode beside F3718.				
Y/I	KIU 5413, line 1 (image 173278)	Y (v5.2)		Y				The white crown (S1), on top of a plan of a crossroads in a village (O49).	Logogram Sma.w (Upper Egypt).					
		N (auto)		N						Exists, but probably meaningless to include in Unicode beside F3736 (Dendera III, 97,6) could not be verified with an image, but chassinat transcribed F371F (S2A).				
		N (manual)	N	N						Practically a duplicate of F371C (S49).				
Y/I	TSL	Y (v5.2)		Y				The white crown (S1), on top of a wickerwork basket (V30).	Classifier crown (wrr.t).					
Y/I	TSL	Y (in core)		Y				The white crown (S1), with the curl of the red crown (S89), on top of a wickerwork basket (V30).	Classifier crown (wrr.t).					
Y/I	Dendera X, p. 155,12, pl. 75, col. 30.	Y (in core)		Y				The white crown (S1), with the curl of the red crown (S89), on top of a wickerwork basket with a handle, orientated with the handle to the back (V31).	Classifier crown (wrr.t).	Verified by Peter Dils. H&S is a different sign, as it has the full head of a human wearing the crown (MDAIK 19, p. 38, fig. 16). Valeurs token (Morgan, Kom Ombo I, nr. 59, col 2 [a. 58]), is transcription only.		Wait	Yes
		Y (in core)		Y				A cloth wound on a pole, an emblem of divinity (R8), in front of the white crown (S1), on top of a wickerwork basket (V30).	Logogram nTr (to be divine).					
Y/I	TSL	Y (v5.2)		Y				The red crown of Lower Egypt.	Phonemogram n.					
Y/I	Dendera XI, p. 158,14, pl. 114 (drand).	Y (in core)		Y				The red crown (S3), on top of a plan of a crossroads in a village (O49).	Logogram mHr.w (Lower Egypt).	Exists, but probably meaningless to include in Unicode beside F3736.		Yes		
Y/I	TSL Cairo JdE 47333 (T3C), Interior back, col. 85 (CT I,388,b-c (3 times))	Y (v5.2)		Y				The red crown (S3), on top of a wickerwork basket (V30).	Classifier crown (n.t).					
Y/I		Y (in core)		Y				The red crown, without the curl, on top of a wickerwork basket (V30).	Classifier crown (dSr.t/n.t).	Found and verified by Tobias Konrad, AKU project. S4 without the curl.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
Y/I	KIU 5413, line 1 (image 173278). Dendera III, p. 181,17, pl. CCXXXV (drand).	Y (v5.2)		Y				The red crown (S3), on top of a plan of a crossroads in a village (O49).	Logogram mHr.w (Lower Egypt).					
Y/I		Y (in core)		Y				Two red crowns (S3), overlapping each other.	Phonemogram wnn.					
		N (auto)		N						H&S token is only with an uraeus, not with the feather. (facsimile: Hibis III, pl. 33, middle register, col. 41). Red crown with Osiris crown within it. Esna token (Esna VI, 634,40, p. 234,10) is now lost.				
		N (auto)		N										
Y/I	BM EA 10184 (Papyrus Sallier 4), frame 3, recto, column 9, line 8.	Y (in core)		Y				The red crown, without the curl, with a uraeus, with a piece of cloth at the neck.	Classifier the red crown (dSr.t).	Found and verified by AKU project.				Additional row.
Y/I	TSL	Y (v5.2)		Y				The union of the red crown of Lower Egypt and the white crown of Upper Egypt, with the white crown worn within the red crown. (i.e., the double crown).	Classifier double crown (xm.ty)					
Y/I	Esna VII 612,07, p. 171,9	Y (in core)		Y				The union of the red crown of Lower Egypt and the white crown of Upper Egypt, with the white crown worn within the red crown. (i.e., the double crown), with an Uraeus at the front.	Classifier double crown (xm.ty)	Verified by Peter Dils. F3740 (S5) with uraeus.				
		N (auto)		N						No sources given.		var S185		
		N (auto)		N						Cauville token (Dendera III, p. 42,16) could not be verified with an image.				
		N (auto)		N						Jn-t token (Dendera XIV, p. 10,4) could not be verified with an image.				
		N (auto)		N						No sources given.				
		N (auto)		N						Cauville token (Dendera II, p. 113,9) could not be verified with an image.				
Y/I	TSL	Y (v5.2)		Y				The union of the red crown of Lower Egypt and the white crown of Upper Egypt, with the white crown worn within the red crown. (i.e., the double crown, S5), on top of a wickerwork basket (V30).	Classifier double crown (xm.ty)					
		N (auto)		N						No sources given.				
Y/I	TSL	Y (v5.2)		Y				The blue crown.	Classifier crown (xprr.t).					
		N (manual)	N	N						Practically a duplicate of F3750 (S7).				

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikeı | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F378I	S-09-022				C		572	572			572										201;4	370;14								4			1	3	5;99		6
F378S	S-09-023				F																	370;15												5;117		2
F378S	S-09-024				F																	370;16												5;119		2
F378T	S-09-025				B		575	575			575		2			1	1				201;7	371;1		16;18					41	1	2	6	1	5;125		11
F378B	S-09-026				B		574	574			574										201;6	371;2								11					5;123		4
F378J	S-09-027				B		573	573			573		3			3					201;5	371;3	171;6	16;18				863;10		73	1	8	1	5	5;121		12
F378A	S-09-028				A		576	576			576		2465				2465				201;9	371;4	171;6							5				2	5;113		7
F378B	S-09-029				F																	371;5												5;115		2
F378C	S-09-030				B		577	577			577		5	1		3	1				201;1	371;6		16;18	5;1051					10	1			2	5;111		11
F378D	S-09-031						579	579			579											371;7													OR;519		2
F378E	S-09-032				F		570A	570A			570A											371;8													OR;521		2
F378F	S-09-033				E		579A	579A			579A		1			1								15;39										1			3
F37CC	S-09-034						579B																														3
F37C0	S-09-035						S206																														3
F37C1	S-09-036				E		578	578			578		1				1				202;1	371;9												1	5;109		5
F37C2	S-09-037				C		578A	578A			578A		2			2					202;2	371;10		17;59	5;1050					1						5;107		7
F37C3	S-09-038				E		578B	578B			578B													16;17										2			2
F37C4	S-09-039						580	580			580											371;11													5;127		2
F37C5	S-09-040				D		575A	575A			575A										201;8									2		1					3
F37C6	S-09-041						575B																														3
F37C7	S-09-042						580A	580A			580A												171;7															1

Vots	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
	karnak only one token, this on top of cartouche			Image in Dendera X is extremely poor (110,10, pl. 72, col 153), but all the required features of this sign can be recognised.					
	check shape of attestation s		Y						
	always upper part of cartouche	Y?		Note that this token is not used decorativelY.					

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F37CA	S-09-043				F		ES082		ES082												S0808										1						2
F37CB	S-09-044			13238			NU3			NU3	NU3		2			1	1			NnU3	NU003																	4
F37C9	S-09-045			1323D			NU8			NU8	NU8									NnU8	NU008																	2
S10. Headband																																					
F37E0	S-10-001			132DC			S10	S10			S10	NU	S1		20	31		1_5483	S10	S010	193;7	371;1	171;12	16;20	5;1700		861;1			55		3	5		2	5;133	*mkh;mqḥ*	16
F37E1	S-10-002						S10B	S10B			S10B											371;13														5;135		2
F37E2	S-10-003				C		S187	S187			S187											371;15								1		5				5;143		4
F37E3	S-10-004						S82	S82			S82											372;1														5;137		2
F37E4	S-10-005				C		S83	S83			S83		1			1					202;3	372;2		16;20						3			2			5;139		7
F37E5	S-10-006																					372;3														5;145		2
F37E6	S-10-007						S84	S84			S84											372;4		16;20	5;210D											5;147		4
F37E7	S-10-008																					372;5														5;141		2
F37E8	S-10-009				C		S85	S85			S85											372;6	171;13	16;20								1				5;149	*m-ḥtk;mdr*	5
S.XX. Jewels; clothes; staves																																					
S11. Collar																																					
F37F0	S-11-001				E		S188	S188			S188											373;1		16;24	5;1820											5;173		4
F384D	S-11-002						S188D																															
F37F1	S-11-003						S188A	S188A			S188A											373;2		16;24												5;175		3
F37F2	S-11-004				E		S11E		S13E													373;3									2					5;185		3
F37F3	S-11-005				D		S11B	S11B			S11B		1			1					193;9	373;4	171;14												1	5;187		6
F37F4	S-11-006				D		S11A	S11A			S11A		3			3						373;5														5;189		3
F37F5	S-11-007																					373;6														5;195		2
F37F6	S-11-008						S11C	S11C			S11C										193;9	373;7														5;191		3
F37F7	S-11-009						S188C	S188C			S188C											373;8														5;183		2
F37F8	S-11-010				E		S188B	S188B			S188B		1			1					205;1	373;9														5;179		4

Vots	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
				Note however that the tie is at the back at with this token, not at the front. Should probably be added somewhere near R18 in the list, not here.					
				The sign itself (Edfu VIII, 79,3, photo 0093) cannot be clearly seen on the image, but reading this sign is nearly certain based on the iconographic representation which the king carries.					

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Value	Weight
F37F9	S-11-011			C			S11D	S11D			S11D										193;9	373;10								3						S;193		4
F37FA	S-11-012			132DD			S11	S11			S11		19	2	10	7	1_5501	S11	S011				16;24	S;1800		8661;3									S;181		10
F37FB	S-11-013			F			S90	S90			S90		1		1							373;11													S;199		3
F37FC	S-11-014						S189	S189			S189											373;12													S;197		2
F37FD	S-11-015			D			S91	S91			S91										202;5	373;13								2		1			S;207		5
F37FE	S-11-016						S91C																														
F37FF	S-11-017			D			S92A		S92A												S092A	202;5	373;14							2					S;213		5
F380D	S-11-018																					374;1													S;215		2
F3801	S-11-019						S92	S92			S92										202;7	374;2													S;201		3
F3802	S-11-020			B			S91A	S91A			S91A		3		3						202;6	374;3	171;15	16;25	S;2000					12	3			1	S;205		10
F3803	S-11-021																					374;4													S;209		2
F3804	S-11-022						S93	S93			S93											374;5													S;203		2
F3805	S-11-023						S91B															374;6													S;211		2
F3806	S-11-024						S196	S196			S196																											
F3807	S-11-025						S190	S190			S190											374;7													S;217		2
F3808	S-11-026			D			S94	S94			S94										202;8	374;8	171;16	16;27											S;229		5
F3809	S-11-027			C			W107	W107			W107										239;3	374;9	174;44	16;27											S;231		5
F380A	S-11-028						S95	S95			S95											374;10													S;219		2
F380B	S-11-029																					374;11													S;221		2
F380C	S-11-030						S96	S96			S96											374;12		16;26												S;227		3
F380D	S-11-031			D		22	S191	S191			S191		1		1						205;2	374;1	171;3													S;225		5
F380E	S-11-032						S97	S97			S97											374;14		16;26												S;223		3

Vots	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
				I think that Cairo CG 34001, line 27 (TLA token) should simply be represented by S11					
	check shape of attestation s	Y		(exact number of horizontal lines varies, I don't think it is worthwhile to distinguish beween the number of horizontal lines for TSL).					
				(photo is rather poor, but based on the iconography, it can be assumed this sign is there in the text as well. However, a better option would be nice).					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
								A collar of beads with ornamental terminals, resembling the head of a falcon with a sun-disk on its head, looking outwards, with two vertical strings with flower-like end-pieces, curving outwards and downwards, coming from the collar.	Logogram collar (bb).	Function might be wsx (necklace, collar) instead.				
Y;I	Dendera XI, p. 41,12, pl. 30, bottom image.	Y (in core)		Y										
								A collar of beads with ornamental terminals.	Logogram wsx (necklace, collar).					
Y;I	TSL	Y (v5.2)		Y										
		N (auto)		N						Not supported.				
		N (auto)		N						No source given.				
								A necklace, consisting of a deep loop, with 7 beads or sircles on the loop, with the two top beads connected with a line with a bead in the center, with the ends of the loops curving outwards and downwards, with flower-like end-pieces, the left one a lotus bud and the right one a flowering lotus bud.	Classifier collar (bb).	Found and verified by Peter Dils. Cauville tokens (Dendera III, p. 20,7; 142,10) could not be verified with an image. JH-D token (Dendera XV, p. 242,14, verified by Peter Dils) could not be clearly seen on the images, but as the iconography is F37FF (Hdx 1824), I find it more likely to be that sign.			
Y;I	Edfu I, p. 46,12.	Y (in core)		Y									Yes	
		N (manual)	N	N						Duplicate of F37FD (591).		near dup 591		
								A necklace, consisting of a deep loop with three horizontal lines over it, with the capital of a column, in the form of the face of a human female, with hair in two curling sidelocks, with the ears of a bovid (G215) at the bottom of the loop, connected with a rectangle to the lowest horizontal line; with ornamental terminals resembling the same capital (G215), with outwards and downwards curving strings with flower-like end-pieces coming from the						
	Dendera Porte d'Hathor, p. 27,16, p. 96.	Y (in core)		Y					Classifier collar (bb).	Although this form will suffice for Unicode, in reality the sign from the source is a lot more elaborate (see description).				
		N (auto)		N						No source given.				
		Y (manual)	Y	N						Cauville tokens (Dendera III p. 152,8) could not be verified with an image. *Added manually to the full list for backwards compatibility.*			Yes/No	
								A necklace, consisting of a deep loop, with multiple horizontal strands connecting the two sides of the loop, with the ends of the loops curving outwards and downwards, with flower-like end-pieces.	Logogram wsx (necklace, collar).	Should not be allowed to rotate. Could be logogram bb (collar) as well.				
Y;I	Dendera VII, 14;9, pl. DCIII.	Y (in core)		Y										
		N (auto)		N						No source given.				
		N (auto)		N						No source given.				
								A necklace, consisting of a deep loop, with multiple horizontal strands connecting the two sides of the loop, connected by vertical lines (beads/netting), with the ends of the loops curving outwards and downwards, with flower-like end-pieces.	Logogram wsx (necklace, collar).	Found and verified by Peter Dils.			Yes	
Y;I	Edfu Mammisi, p. 13,15.	Y (in core)		Y										
		N (auto)		N						No source given.				
		N (auto)		N						No source given.				
		N (manual)	N	W						(Dendera V, p. 32,9, pl. CCCIX/XII), it is rather tiny, with a lot less length to the ropes, if it isn't F3809 (W107) instead. Occurs in iconography, but I cannot locate a token without doubt.			Wait	
								two round vessels with a thin, upstanding rim, arranged horizontally, connected by the rims by an horizontal line of string, curving upwards at both	Classifier vessel (rrm (twin vases for myrrh)).	Not a necklace, but some pots connected by string. Should be returned to category W.				
Y;I	Dendera III, p. 150,14-151,1, pl. CCXXVII	Y (in core)		Y										
		N (auto)		N						No source given.				
		N (auto)		N						No source given.				
		Y (manual)	Y	N						Kurth token (Edfu I, p. 62,15) with an image. *Added manually to the full list for backwards compatibility.*			Yes/No	
								consisting of two eyes, with the markings of the head of a falcon, with a vertical line at the back with a triangle at the curl, as if seen from the front (Jsesh D10C), with an outwards and upwards loop of string, with a flower-like end-piece at the end of the string, orientated towards each other.	Classifier wreath, garland (mA3H).					
Y;I	Edfu VIII, 119,9, Bartels photo 0152.	Y (in core)		Y										
		N (auto)		N						Kurth tokens do not attest this sign.				

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F380F	S-11-033																					374;15														S;247		2
F3810	S-11-034			132DE				S12	S12			S12	3470	59	1051	582	1778	1_5517_00	S12		S012	194;1	374;1	171;19	16;29		S;2500		861;4						4	S;245	*n;mn/b;nb*	15
																																				*mnb;nb;n1;g,g*w*	
F3811	S-11-035			A			S12A	S12A			S12A	4313			103	4210	1_5517_01				194;2	375;1	171;19	16;29						1011	17	45	19	9	128	S;249	*nb*	14
F3812	S-11-036			F																		375;2														S;251		2
F3813	S-11-037																					375;3														S;253		2
F3814	S-11-038																					375;4														S;255	*nb*	2
F3815	S-11-039			132DF				S13	S13			S13	70		35	32	3	1_5537	S13		S013	375;5		2;107	S;2550		861;5				2			1		D;1179	*nb;nm*	13
F3816	S-11-040			F																		375;6														D;1181	*mnb;nm*	2
F3817	S-11-041			A			S13A	S13A			S13A	21			9	12					194;3	375;7								78	12	6	2	136	15	D;1183		11
F3818	S-11-042																					375;8														D;1185	*gl*m*	2
F3819	S-11-043			132E1				S14A	S14A			S14A	10			6	4	1_5563	S14*		S014A	375;9		16;30	S;2700		861;7								1	S;257		11
F381A	S-11-044			132E2				S14D			S14B								S14**		S014B																*gl*m*	2
F381B	S-11-045			B				S14C	S14C			S14C	13			9	4					194;5	375;1	171;21						15	1	1		1	6	S;263	*m nb*	11
F381C	S-11-046			F				S192	S192			S192																								S;267	*gbn*	1
F381D	S-11-047			132E3				S15	S15			S15	57		8	36	13	1_5567_00	S15		S015	194;6	375;1	171;22	12;6		S;3000		861;8			55	1		5	62	N;37	*gb*	17
F381E	S-11-048			F																		375;12														N;39		2
F381F	S-11-049			C				N4I		N4I													375;13								3	1				N;45	*t;gbn*	4
F3820	S-11-050			C				N4I		N4I													375;14								2			2		N;49		4
F3821	S-11-051			C				N4F	N4F			N4F	2			1	1					149;5											3		3			5
F3822	S-11-052			B				S17A	S17A				7	7							S017D	194;7	375;15		12;6a			861;11		S017I	2					N;51	*iqp*	9
F3823	S-11-053			F																			375;16														N;53		2
F3824	S-11-054			F																			376;1														N;47	*b1y*	2
F3825	S-11-055			C				S17B	S17B			S17B	4			3	1						376;2				1445;1									N;41	*gbn*	5
F3826	S-11-056			B				S15A	S15A			S15A	19			18	1	1_5567_01				194;6	376;3		12;6										5	N;63	*nbn*	8
F3827	S-11-057			F																			376;4														N;65		2
F3828	S-11-058																						376;5														N;67	*1dt;tbn;tbh*	2
F3829	S-11-059			B				N4A	N4A			N4A	18		4	13	1						376;6		12;6					N004A					1	N;61	*nbn*	8
F381A	S-11-060			F				N4D	N4D			N4D													12;6												N;71		2
F382A	S-11-061																						376;8														N;73		2
F382B	S-11-062							N129	N129			N129											376;7														N;59		2
F382C	S-11-063			132E4				S16	S16			S16	1			1		1_5582	S16		S016						S;3001		861;9									6
F382D	S-11-064			132E5				S17	S17			S17	7	7				1_5593	S17		S017						S;3001		861;10									6
F4710	S-11-065			F				H03301													S220												1					2
F382E	S-11-066							N130	N130			N130																											
F382F	S-11-067			132E6				S17C			S17C	S17A	2		1	1		1_5603_00	S17*		S017A			16;50	S;3900														8

Comment DW	Vote DW Core (2021)	DW differentiality	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiality	Comment SP
			Without a doubt exists, I am not certain if it really is varied enough to have any value for inclusion in Unicode.					
	Y	DIFF						
			Should have been done by overlay.					
N	N		Most (if not all) TSL tokens are technically S13A. (make into a class).					overlay
			Gardiner (1957:§) did not provide an origin for this sign.					
	N		Overlay.					overlay
			Note that one of the TSL tokens is closer to N4F.					

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val found | Weight | Vois | Comment DW shape of attestation s; Karnak token partly deestroyed | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weleti
F3841	S-11-088			C				S103A	S103A			S103#										203;5	377;5							4						5;237		4
																																					wqllw	
F3842	S-11-089			C				S103	S103			S103										203;4	377;6	171;18	16;28					1						5;243		6
																																					wqll	
F3843	S-11-090			C				S100B	S100B												S100B									4						5;235		3
F3844	S-11-091			F				S179	S179			S179										204;7								1								2
F3845	S-11-092							S174	S174			S174																										
F3846	S-11-093			B				S205		S205														16;28a						16								2
F3847	S-11-094							S204																														
F3848	S-11-095			F				S204A		S204A																				1								1
F25D	S-11-096			E	S			DE384		DE384																				2								1
S12. Sceal																																				*hmcwhr*	
F3850	S-12-001			132E8				S19	S19			S19	**331**	2	24	302	3	1_5622	S19	S019	195;1	377;7	171;26	16;38	S;3300	861;13				2			1	2	5;311		17
F3851	S-12-002																					377;9														5;309		2
F3852	S-12-003																					377;10														5;313		2
																																				nglzglCxglhwr	
F3853	S-12-004			D				S19A		S19A											195;1	377;11								1						5;307		4
F3854	S-12-005																					377;13														5;305		2
F3855	S-12-006			132E9				S20	S20			S20	**684**	15	343	317	9	1_5637	S20	S020	195;2	377;5	171;27	16;37	S;3400	861;14				19			1		5;301		16
																																				hmcwlh	
F3856	S-12-007			A				S20A	S20A			S20A	**61**	45		16					195;3	377;1	171;27	16;37						82			1		5;297		9
F3857	S-12-008																					378;1														5;317		2
F3858	S-12-009			F																		378;2														5;299		2
F3859	S-12-010			F																		378;3														5;315		2
F385A	S-12-011			132EA				S21	S21			S21	**12**		3	8	1	1_5643	S21	S021				16;39	S;3600	861;15				5	3		11	1			13
S13. Knots; bracelets; garment with knots																																				*xjtcxjtyw*	
F3870	S-13-001			132EB				S22	S22			S22	**72**	9	1	55	7	1_5645	S22	S022	195;4	378;4	171;28	16;40	S;3800	861;17				17	7		1	17	5;335		18
F3871	S-13-002																					378;5														5;323		2
F3872	S-13-003																					378;6														5;321		2

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG Insertion. Cauville (Dendera IV, p. 123,6) could not be verified with an image. JH-D tokens, Dendera XIV, p. 65,3, commentaire pl. XXVI (image too poor), p. 198,8; 199,7; pl. XCIV (image too poor, and based on iconography the insertion would be L12A, not L11). Peter Dils verified Dendera XV, p. 250,6 with an image, but it is not clear what is written inside.	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
Y/I	Dendera XIV, p. 65,2	N (manual)	N	N				A dung beetle, scarab (scarabaeus sacer) (L1), with outstretched wings (L11), written inside an amulet resembling a shrine with a flat roof, with a rectangle on top, without ties (S100B)	Logogram wDA.w (amulet).					
Y/I	Dendera II, p. 113,13, pl. CCXX.	N (manual)	N	N				A dung beetle, scarab (scarabaeus sacer) (L1), with outstretched wings (L11), written inside an amulet resembling a shrine with a flat roof, with a rectangle on the roof, with two outwards, downwards curving ties at the top, with flower-like end-pieces.	Logogram wDA.w (amulet).	Insertion. Note that the token in this source is both part of the text and part of the iconography. Function could be *wa.t-ib* (pectoral) as well.				
Y/I	Edfu VI, 298,2; 3.	Y (in core)		Y				An amulet resembling a shrine with a flat roof, with a rectangle on top, without ties.	Classifier amulet (wDA.w). (Logogram in line 3).	I could not verify the sign with an image (Neither in Edfu VI, p. 298,2; 3) , but is required for insertions. **Redrawn in place.** (However, the rectangle in the interior needs to be removed.)	redrawn in place			
Y/I?	Dendera X, p. 399,11, pl. 266 (right image, 1st col.)	N (manual)	N	N				A goddess, seated, knees up, with covered legs and arms, with a headdress of bovine horns with a sun disk (F102), holding a holding a stem of papyrus with a bud (M131) or flower vertically (C3A), a goddess, seated, knees up, with covered legs and arms, with a seat (G1) on her head, holding a stem of papyrus with a bud (M131) or flower vertically (C159A), a goddess, seated, knees up, with covered legs and arms, with a basket (V30) on top of a plan of a rectangular enclosure, with an internal rectangle in the lower corner away from the reading-direction (O6) on her head,	Logogram Aw.t-ib (pectoral).	Insertion. Probably there, but hard to recognise on the image (at least clearly a shrine-type with something in it).				
		N (manual)	N	N						insertion. no sources given.				
Y/I	Dendera Porte d'Isis, p. 9,10, pl. 23.	N (manual)	N	N				A heart without internal detail (F34), written within a façade of a shrine with a flat roof, with oblique sides, with a large doorway (G21B).	Logogram Aw.t-ib (pectoral).	facilitate the insertion, a variant of F38IC (S100A) without the ties should be added in this section (form occurs in Dendera XI, p. 139,14, pl. 115 (dirand).				
		N (manual)	N	N						Insertion. No sources given.				
		N (manual)	N	N						insertion. *im-ʿr* token (Dendera Porte d'Isis, p. 25,9, pl. 30 (bot. image, bandeau)), is technically a different sign, as the woman has something on her head (O30).				
Y/I	Dendera XV, p. 250,2	N (manual)	N	N				A rolled up herdsman's shelter of papyrus, with an rectangle at either side and the top of the loop (V17C), written inside an amulet resembling a shrine with a flat roof, with a rectangle on top, without ties (H5x S100B).	Logogram wDA(.w-n)-SA (amulet of protection).	Insertion (based on the suggested redraw of F38AI (H5x 1008)). **Moved**. (Move sign to category S11: Collar, as it is an amulet, not a shrine.) Verified by Peter Dils.				
Y/I	TSL	Y (v5.2)		Y				A seal, attached to a neck string, with the sting curving backwards and downwards, with a loop below the seal.	Logogram stm.w/y (seal/bearer).					
		N (manual)	N	N						Not a meaningful variant of F38SD (S19).				
		N (manual)	N	N						Insertion/arrangement				
Y/I	Edfu IV, p. 97,10.	Y (in core)		Y				A seal, attached to a neck string, with the sting curving backwards and downwards, without a loop below the seal.	Phonemogram stm.	Verified by Peter Dils. Based on Valeurs token (Edfu V, p. 355,8; Edfu XIII, pl. CCCLXXXVI), there is no reason to distinguish between this token and F38SD (S19).				
		N (manual)	N	N						Practically a duplicate of F38S5 (S20).				
Y/I	TSL	Y (v5.2)		Y				A seal, attached to a neck string.	Logogram stm (seal, lock, sealinat.					
Y/I	Dendera X, p. 284,4, pl. 167, col. 25.	Y (in core)		Y				A seal, attached to a neck string, without ties below the seal.	Phonemogram sat.	Not meaningful to encode in Unicode, and could create confusion with V9.		Yes		
		N (auto)		N						No sources given.				
		N (manual)	N	N						Valeurs token (Junker, Stundenwachte, p. 44, nr. 29) is F38S5 (S20).				
		N (manual)	N	N						Valeurs tokens are F38S5 (S20).				
Y/I	TSL	Y (v5.2)		Y				A ring or bracelet.	Logogram wsx (necklace, collar).	Usually only distinguishable through the function.	related to S21A			
Y/I	TSL	Y (v5.2)		Y				A shoulder knot, with loops a the top ends and ties at the bottom ends.	Phonemogram sT.					
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				

Vote DW Full	Vote PD Full	PD differs ntly	Comment PD	Comment SP	Vote DW Core (2021)	DW differen tly	Comment JG	Comment DW
N	Y	DIFF			Y	DIFF	In my opinion all Y1 tokens are S20 (there is something below the seal). I do not see the value in adding this to Unicode. snape or attestation s; one case in TSL 5637 none that all Karnak attestations are erroneous for O50 without inner detail. (distinction can usually only be made based on function).	

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight	Vots
F3873	S-13-004																					378;7														5;329		2
F3874	S-13-005																					378;8														5;331		2
F3875	S-13-006				F			HA1702													S022B	378;9										1				5;333		4
F3876	S-13-007				C			S22A	S22A			S22A	5			5						378;1	171;28	16;40					n428 v3								5;325		6
F3877	S-13-008																					378;11														5;327		2
F3878	S-13-009				F																	378;12														5;337		2
F3879	S-13-010			132ED				S24	S24			S24	862	89	193	556	24	1_5648	S24	S024	195;6	378;1	171;31	16;41	5;4200	862;1			63	3	6	1	4	15	5;339		20
F387A	S-13-011																					378;14														5;343		2
F387B	S-13-012																					378;15														5;345		2
F387C	S-13-013																					379;1														5;347		2
F387D	S-13-014			132EE				S25	S25			S25	14	1	1	12		1_5649	S25	S025	196;1	379;2	171;32	16;48	5;4500	862;2			1					3	5;387		15
F387E	S-13-015				B			S105	S105			S105	10			8	2				203;6	379;4		16;34							1			5	5;281		8
F387F	S-13-016				F			S105A													203;6	379;5													5;283		3
F3880	S-13-017				C			W109	W109			W109	2			2						379;6		16;34a										3	W;25		5
S14. Loincloth; apron																																					
F3890	S-14-001			132EF				S26	S26			S26	33	7	1	25		1_5650	S26	S026	196;2	379;7		16;47	5;4800	862;3									5;375		12
F3891	S-14-002							S26A														379;8														5;379		2
F3892	S-14-003							S108	S108			S108										379;9														5;371		2
F3893	S-14-004				D			S109	S109			S109	1			1									5;5000	863;13												3
F3881	S-14-005							E5102		E5102																											
F3894	S-14-006				F			S195	S195			S195																								5;377		1
F3895	S-14-007				D			S110	S110			S110	1			1								16;48b												5;391		3
S15. Cloth																																					
F38A0	S-15-001				B			S27A	S27A			S27A	28			23	5					379;10		16;51		862;5										5;395		6
F38A1	S-15-002				B			S113	S113			S113	22			19	3	1_5505			203;7	379;1	171;33	16;51					5800t	5	1		1	3	18	5;403		14
F38A2	S-15-003				F			S207		S207												379;12								1						U;637		3
F38A3	S-15-004							AA64	AA64			Aa64																										
F38A4	S-15-005				B			S114	S114			S114	14			14										1445;14	863;14											3
F38A5	S-15-006			132F2				S27	S27			S27	148	5	1	130	12	1_5651_00	S27	S027		379;13		16;51		5;5500	862;4										5;397		12
F38A6	S-15-007				B			S115	S115			S115	33			32	1	1_5651_01			203;8	379;1	171;33			5;5600	1445;15	863;15			1				1	5;399		13
F38A7	S-15-008				B			S116	S116			S116	28	6		22		1_5651_02				380;1		16;52		5;5700	1445;16	863;16									5;401		9
F38A8	S-15-009				D			S117	S117			S117	1	1												5;5800	1445;17	864;1										4
F38A9	S-15-010				C			S118	S118			S118	3			3										5;5900												2

Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
check shape of attestation s	Y	DIFF	2; 3; 8 (see attached image), is a variation, as the lines are similar to the NAF variants. Beleg 5 (Edfu VIII, 39,15, photo 0053) is its own variant (see attached image (only extra lines at the top). I have no idea where Beleg 1 occurs.					blobs on top, lines at bottom
			In Karnak it seems to be a garment. Note that all the TLA attestations of ag.t. shoud not be read as this sign.					
	Y							
			Both TLA tokens should have been read as S25.					
			TLA token does not even remotely resemble this sign.					
			TLA token should have been read as R129.					
			I don't consider this distinct enough from S27. Its inclusion should be base on if S27 can get an insertion zone or not.					
also basis for S113	Y	DIFF						
	N		Insertion preferred.					
			Occurs, but usually the base is part of the list roster to which it is attached (so it never truly occurs free-floating). However, should be added to Unicode nonetheless.					
	Y							
	Y							
	Y							
	Y							
	Y		In Beleg 1 (Gros V, 182-185, abb. 57, taf. 19b there is no space between the sticks. In beleg 3 the S118 is part of a G143 variant (Qerkhammer Meirib, Priesse, p. 45). I have no idea where Beleg 2 is from. I doubt all S27 variants should be encoded in Unicode.					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
Y;I	Dendera, Hort d'Hathor, p. 9,12, p. 77.	Y (in core)		Y				A shoulder knot, with a loop at every corner.	Phonemogram st.	Graphically identical to F3AFC.		Hathor 9,12		
Y;I	Cairo CG 22182, line 2; 3; 8.	Y (in core)		Y				A shoulder knot, with loops a the top ends and ties at the bottom ends, with circular blobs on top of the middle section, and vertical strokes below the vertical section.	Phonemogram st.	**Redrawn in place.** (Redraw sign with blobs at the top, and lines at the bottom.)		redrawn in place		
		N (auto)		N						No sources given.				
		N (manual)	N	N						Practically a duplicate of F3870 (522).				
Y;I	TSL	Y (v5.2)		Y				A girdle knot.	Classmar to tie, to bind (Ts).					
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
Y;I	TSL	Y (v5.2)		Y				A garment with downwards curving ties at both sides.	Classifier garment, mantle, kilt (mAs.t).					
Y;I	KIU 4258, line 1.	Y (in core)		Y				A horizontal rectangular garment (bracelet, armband), with downwards curving ties at both sides. An curved rectangular garment (bracelet, armband), with downwards cuving ties at both sides, with triangular end-pieces at the ties.	Classifier cloth/garment (mh.t).					
Y;I	Dendera VIII, p. 69,9	Y (in core)		Y					Classifier bracelet, anklet (mnfr/i.ty).	Not a meaningful variant of F387E (5325). Verified by Peter Dils.			Yes	
		Y (>=0,JSeh/HG)		N						xurrn soeams are eithere F3870 (525) or F387E (5105). Valeurs seems to have the same issue.				
Y;I	TSL	Y (v5.2)		Y				A kilt or apron.	Classifier kilt, royal apron (SnD.wt).					
Y;I	TSL (TSL_3_20841 (526))	Y (in core)		Y				A kilt or apron, with the side sections forming a sickle shape.	Logogram SnD.wt (kilt, royal apron).	Not a meaningful variant of F3B90 (526).			Yes	
		N (auto)		N						No sources given.				
Y;I	Pepi I, P/V/W 13 (PT 1426c), MIFAO 118, pl. XX, fig. 45.	Y (in core)		Y				A vertical rectangular garment, with fringes at the bottom, and two outwards curving	Classifier garment (nTstn).	**xeorwn n pace.** (Redraw sign to be more like Aa20C, but with a horizontal top (i.e, not rounded), and no internal		redrawn in place		
		N (auto)		N						No sources given.				
										Valeurs token (Cairo CG 1572 (Borchardt Denkmäler AR II, p. 50, pl. 74)) is technically part of the iconography, rather than the text, although it could be considered an iconographical classifier for the caption (see for example MK coffin object friezes).				
		N (auto)		W						Valeurs token (Berlin ÄM 45, Lepsius (1867) Älteste Texte, pl. 38) is part of the MK coffin object friese, so an iconographical classifier at best.		???	Wait	
		N (manual)	N	W										
										According to Andrew, S27 will be allowed to widen with insertions.				
Y;I	TSL	N (manual)	N	N				A loop of cord with the ends upwards (V6), written between the fringes of a horizontal strip of cloth with two fringes (F3BA5).	Logogram Ss-mnx.t (alabaster and clothing).	Insertion.				
Y;I	Dendera XIV, p. 174, comentaire pl LXXVIII).	Y (in core)		Y				A loop of cord with the ends upwards (V6), written between the fringes of cloth resembling forked staffs, horizontal loop of twisted cloth connecting the two fringes, written over the loop of cord.	Logogram mnx.t (clothing).	XIV, p. 174,2, commentaire pl. LXXVIII) might be there, but I would prefer a better image (as the section in the middle seems a bit more than the token gives here). Function: Logogram mnx.t (cloth) (according to Cauville, commentaire p. 236-237).			Yes	
Y;I	Berkeley 6-19825 (TSL document 418).	N (auto)		N										
Y;I	TSL	Y (in core)		Y				A horizontal strip of cloth with one fringe.	Classifier cloth (Sw.w).					
Y;I	TSL	Y (v5.2)		Y				A horizontal strip of cloth with two fringes.	Logogram mnx.t (clothing).					
Y;I	TSL	Y (in core)		Y				A horizontal strip of cloth with three fringes.	Logogram mnx.t (clothing).					
Y;I	TSL	Y (in core)		Y				A horizontal strip of cloth with four fringes.	Logogram mnx.t (clothing).					
Y;I	Tawerenre, Mykerinos/W 63 (PT 1393b), MIFAO 140, fig. 30, second col from right.	Y (in core)		Y				A horizontal strip of cloth with five fringes.	Classifier cloth (Sw.w).					
Y;I	Steindorff, Grabfunde (1898), pl. III (Coffin Mentuhotep, Title)	Y (in core)		Y				A horizontal strip of cloth with six fringes.	Logogram six (six-weave linnen)					

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequ nce	Sta	GID	HG	HGx	Down	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unlker	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val Weleti
F38AA	S-15-011				E			S113A	S113A			S113#																		2							1
F38AB	S-15-012							S171	S171			S171																									
F38AC	S-15-013		132F3					S28B				S28	365		9	356		1_5653_00	S28	S028	196;3	380;2			5;6100		862;6			13					1	S;435		12
F38AD	S-15-014				A			S28	S28				146	91		35	20				196;3		171;34	16;56						1		2					8
F38AE	S-15-015				F			S28D												S028D		380;3													S;441		3
F38AF	S-15-016				C			S28C										1_5653_01																			1
F38B0	S-15-017				B			S28A	S28A			S28A	5			4	1				196;3	380;4		16;56						3	1		4		24	S;439		10
F38B1	S-15-018																					380;5													S;437		2
F38B2	S-15-019		132F4					S29	S29			S29	64396	11382	20080	28439	4495	1_5655	529	S029	196;4	380;6	171;35	16;53	5;6000		862;7		5029A	3122	342	192	114	337	1446			19
F38B3	S-15-020				A			S29C					382			382						380;7		16;54	5;7700											S;409		6
F38B4	S-15-021							S29A	S29A			S29A																									
F38B5	S-15-022				F			S29B	S29B			S29B																		1							1
F38B6	S-15-023							S180	S180			S180																									
F38B7	S-15-024		132F6		S			S31	S31			S31	2		1	1		1_5669	531	S031		380;9		16;56a			862;9									S;425		9
F38B8	S-15-025							S120A	S120A			S120#										380;10													S;431		2
F38B9	S-15-026							S120	S120			S120										380;11													S;433		2
F38BA	S-15-027		132F5		S			S30	S30			S30	11			11		1_5660	530	S030		380;12		8;7a			862;8			3						z69	sf	9
F38BB	S-15-028				B	S		S30A	S30A			S30A	2			2						380;13								503D/	53		1	2			z67		7
F38BC	S-15-029				E	S		S121	S121			S121										380;14									1				1	S;427		4
F38BD	S-15-030							S122	S122			S122										380;15														S;429		2
F38BE	S-15-031							S122A	S122A			S123#																									
F38BF	S-15-032		1332D		S			S123	S123			S123	198		61	131	6	1_5523	T32*	T032A	203;9	380;1	171;37	16;55		1445;18	864;2		58D01	73	2	1	2	4	29		z6m	19
F38C0	S-15-033				F	S																381;1													S;417		2
F38C1	S-15-034				B	S		S123A	S123A			S123#	4			4						381;2									2			3	1	4			6
F38C2	S-15-035					S																381;3													S;419		2
F38C3	S-15-036					S																381;4															1
F38C4	S-15-037				F	S																381;5													S;415	x6m x;x6m	2
F38C5	S-15-038				A			S124	S124			S124	8			6	2				204;1	381;6	171;37	2;97 16;55						105	13	7	1	1	24	D;1087	z	13
F38C6	S-15-039				F																	381;7													D;1089		2
F38C7	S-15-040				D			S124A	S124A			S124#																		3							1
F38C8	S-15-041				F			S124B	S124B			S124#																		1							1

Vots	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F38C9	S-15-042				D			S124C	S124C			S124C																		3								1
F38CA	S-15-043				C			S124D	S124D			S124C									204;1	381;8								3			1			D;1093		6
F38CB	S-15-044				C			S124E	S124E			S124E																		4								1
F38CC	S-15-045				F																	381;9														s421	s$m	2
F38CD	S-15-046																					381;10														s423	s$m	2
F38CE	S-15-047			13089				S125			S125	S125	312		251	61			D52*	D052A		381;1	171;37	2;84		1446;1	864;3									D;995	sm;s$m	10
F38CF	S-15-048				F																	381;12														D;997	s$m	2
F38D0	S-15-049				B	S		S126	S126			S126	15			15						381;13														s413		3
F38D1	S-15-050					S		S30B																					S030B								1
F38D2	S-15-051							S32B														381;14														s453		2
F38D3	S-15-052																					381;15																1
F38D4	S-15-053				F																	381;16														s447	s;sII;sy	2
F38D5	S-15-054				F																	382;1														s449	sI1	2
F38D6	S-15-055			132F7				S32	S32			S32	222	28	33	153	8	1_5670	S32	S032		382;2	171;38	16;57			862;10			32	2			1	11	s445	s;sI;sII	16
F38D7	S-15-056				A			S32A	S32A			S32A	3				3				196;5	382;4								92		7	28		2	s451		8
F38D8	S-15-057																					382;5																1
F38D9	S-15-058					S		S127	S127			S127										382;6																1
F38DA	S-15-059				F			S128	S128			S128	1	1								382;7														s443		3
F38DB	S-15-061							S129	S129			S129													S;6201													1
F38DC	S-15-062			132F0				S210			S26A									S026A					S;6502													2
F38DD	S-15-063				E			S130	S130			S130	1	1												1446;2												2
F38DE	S-15-064				C			S106	S106			S106	4	2	1	1										1445;9												4
F38DF	S-15-065			132F1				S211			S26B									S026B																		1
S16. Sandal																																					
F38F0	S-16-001			132F8				S33	S33			S33	819	76	409	171	163	1_5672	S33	S033	197;1	382;8	171;39	16;58	S;7100		862;11			26	11	1	2	2	10	s459	ibt	20
F38F1	S-16-002				F																															s461	tbw;ibt	1
S17. Sandal strap; ankh																																					anḫ
F390D	S-17-001			132F9				S34	S34			S34	14205	1031	3255	5266	4653	1_5673	S34	S034	197;2	382;1	171;40	16;43	S;7200		862;12			2108	187	58	110	250	923	s353		20
F3901	S-17-002				C			S34A	S34A			S34A	3			3																1						2
F3902	S-17-003				F																	382;12														s355	anḫ;zI	2
F3903	S-17-004																					382;13														s357		2
F3904	S-17-005				D			S133	S133			S133	3			3						382;14														s359		3

Vols	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
				Most commonly attested in Hieratic (TSL candidate, P. Anastasi 8 (BM EA 10248), 1,12). Needs some research to be certain there is a graphical distinction in Hieratic between S125 and S123. (might only be based on function).					
				Overlay. All TLA attestations are S123 in my opinion (none use the T30A or T30B).					
	N								overlay
				between S32 and S32A is rather vague. I would make the distinction between S32 and S32A based on the length of the finges vs. the cloth. If the finges are same length or longer, S32A, if shorter, S32 (I doubt internal decoration of the cloth can securely function as distinction).					
cf. S032	N?		DIFF						
				PT 81d (N) should probably be read as R41A or a variant of F42B (classif. spr (ribs)).					

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikee | Caurw | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val *(wb* | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG Valeurs token (Dendera VII, p. 20,4, pl. DC) (Iritel) is not really visible, and based on the transcription would be better served by F3908 (S134). Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F35E7	S-20-008				F	S		U121	U121			U121									222;7									1							2
F35EB	S-20-009							S201	S201			S201																										
F35E9	S-20-010							R117	R117			R117																									*hmn*	
F35EA	S-20-011				F			R125	R125			R125																									Q8;557	1
F35EB	S-20-012				E			E5209	E5209																					2								1
F35EC	S-20-013							E5110	E5110																													
F35ED	S-20-014							E5114	E5114																													
S21. Sunshade type 2 (537D)																																					
F3940	S-21-001				F																	384;1														*hrw*	5;479	2
F3941	S-21-002			132FD				S37	S37			S37	**110**		59	48	3	1_5681	537	S037			171;44	16;59	5;7500		862;15			1	1		1		8		*hrw*		14
F3942	S-21-003				F			S37C	S37C			S37C																									*h:hw:h*	5;467	1
F3943	S-21-004				B			S37D	S37D			S37D	**24**			24						198;2	384;2	16;59						2								5;481	6
F3944	S-21-005				B			S37B	S37B			S37B	**2**			2						198;2		16;59						77			5		4	*hrw*		5;483	7
F3945	S-21-006				F	S		S144	S144			S144										384;3														*hrw*	D;833	2
F3946	S-21-007				F	S		S145	S145			S145										384;4														*hrw:f*	I;71	2
F3947	S-21-008					S		S145A	S145A			S145A																									*h:h:hw:h*		
F3948	S-21-009				B			S37A	S37A			S37A	**4**		2	2						198;2	384;5	16;59			862;16			2	1		1					5;485	10
F3949	S-21-010				E			S146	S146			S146										384;6									2							5;489	3
S22. Sceptre type 1 (crook)																																							
F3960	S-22-001			132FE				S38	S38			S38	**4825**	24	292	800	3709	1_5686	538	S038	198;3	384;7	171;47	16;61	5;7600		862;17			1167	37	20	24	30	161		*I:H:mn:hh*	5;491	20
F3961	S-22-002				F																	384;9														*h:hh:h*	5;493	2
F3962	S-22-003				E	S		S147	S147			S147										384;10										1				*hh:f*	I;73	3
F3963	S-22-004				F	S		S208		S208																				1						*x1*		1
F3964	S-22-005				D			S198	S198			S198	**1**			1						482;9		16;62												*x1*	S;497	4
F3965	S-22-006				F			S198A														482;7															S;499	2
F3966	S-22-007							S38A	S38A			S38A																											
S23. Sceptre type 2 (Seth animal)																																							
F3970	S-23-001			13300				S40	S40			S40	**2276**	146	149	429	1552	1_5690	540	S040	198;4	384;1	171;48	16;63	5;7800		863;1			587	78	21	35	63	163		*I:H:w:w:b:wn*	S;507	20
F3971	S-23-002																					384;12															S;509	2
F3972	S-23-003				F																	384;13														*w:f:w:wn:gⲣ:wn*	S;505	2
F3973	S-23-004																					385;1																1
F3974	S-23-005																					385;2															S;503	2
F3975	S-23-006				E			S148	S148			S148										385;3								1	1						F;605	4
F3976	S-23-007				E			S149	S149			S149										385;4									2						D;267	3

Vols	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
	check shape; what is this composed of?	Y	Y	However, I don't consider this to be varied enough for Unicode (I cannot really see any meaningful variation between S37 and S37D (for Unicode at least. For TSL I have no objection to its inclusion.					
				Both TLA tokens are S37/S37D. (no detached feather).					
				no idea where this is attested, and I wonder if it is not supposed to be a variant of U11 if it exists.					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
Y/I	Dendera X, pl. 245,8, pl. 142, top image.	N (manual)	N	N				A horned desert viper (Cerastes cerastes) (I9), written over a sign resembling a sun shade, made of a staff which holds feathers at the top, resembling a half circle, without internal detail, with an additional short staff (S36A).	Phonemogram xsf.	Overlay. No sources given.				
		N (manual)	N	N										
		N (auto)		N						No sources given.				
		N (auto)		N						Valeurs refers to ZAS I, p. 17, so I am rather certain this is F360F (R14).				
Y/I	Esna VII 633,01, p. 229,4	Y (in core)		Y				A line with a straight hook, written over a sun shade, made of a staff which holds feathers at the top, resembling a half circle, without internal detail (S36).	Phonemogram Hb.	Verified by Peter Dils. I cannot say with certainty if this is an overlay (with something akin to U20) or a separate sign. I would err on the side of atomic here. Function is a guess.			Yes	
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (manual)	N	N						Duplicate of F3943 (537D).				
Y/I	KIU 4846, line 5.	Y (v5.2)		Y				A one handed fan, with a handle resembling a stem of papyrus with a bud (M13).	Logogram xw (fan).					
Y/I?	Philae II, p. 2-3,13	Y (in core)		Y				A one handed fan with a straight handle.	Phonemogram xw.	[illegible] (enough mirrored), but I am not entirely sure it would be a valuable addition to unicode, as it could simply be a poorly preserved F3941.			Yes	
Y/I	Edfu VII, 25,15, Bartels photo (wall) 2669.	Y (in core)		Y				A one handed fan, with a handle consisting of a bowl-shaped section with a vertical downwards line at either side, with a straight handle section.	Phonemogram xw.					
		Y (=D_JSeh/HG)		N						based on a quick survey of the JH-D tokens, it seems to be a structural miscoding for S37/S37D.				
		N (manual)	N	N						overlay - cause not verify the Valeurs token (Edfu V, 231,4) with an image.				
		N (manual)	N	N						token qcaru vn, ⲭⲁⲩ is not clear enough on my image (Bartels, 484)				
		N (manual)	N	N						overlay. no sources given.				
Y/I	Amarna VI, pl. XXV/XXXVIII, col. 6.	Y (in core)		Y				A one handed fan, with a handle resembling a stem of papyrus with a bud (M13), and the fan resembling a feather (I16).	Logogram xw (fan).					
		N (manual)	N	N						(M107), i.e., practically a duplicate of that sign.				
Y/I	TSL	Y (v5.2)		Y				A crook.	Phonemogram HqA.					
		N (manual)	N	N						Duplicate of F3960 (538).				
Y/I	Dendera Porte d'Hathor, p. 1.9, p. 69 (fourth image), Dendera XIII, p. 186,12, commentaire pl. XXXV (drand).	N (manual)	N	N				A horned desert viper (Cerastes cerastes) (I9), written over a crook (S38).	Phonemogram/logogram HqA+f (his rule), Logogram HqA, tA.wy (ruler of the two lands.	Overlay.			No/No.	
		N (manual)	N	N				A crook (S38), written over two strips of land (N17).		Overlay. JH-D token (Dendera XII, p. 186,12, commentaire pl. XXXV), my image is way too poor to recognise the sign.				
		Y (=D_JSeh/HG)		N						Problematic, see F3965.				
		N (auto)		W						Sign actually looks a bit different, as the vertical line is horizontal, and basically closes the circle of the staff. See Edfu VI, p. 203,5; 9, Edfu XIV, pl. DLXXIV-DLXXV. Development from Hieratic according to Fairman (BIFAO 43, p. 115). Even so, I would not call it this sign (as Hieratic equivalents are in Moeller III associated with V7:N35 (521) or T22 (596).			Wait	
		N (auto)		N						No sources given.				
Y/I	TSL	Y (v5.2)		Y				A sceptre with a straight shaft, a forked base, topped with the head of the Seth animal.	Phonemogram wAs.					
		N (manual)	N	N						Practically a duplicate of F3970 (540).				
		N (manual)	N	N						[illegible] a duplicate of F3970 (540).				
		N (manual)	N	N						Mirrored form of F3970 (540).				
		N (auto)		N						No sources given.				
Y/I	Esna VII 620,00, p. 195,6	N (manual)	N	N				two ribs, written parallel (Aa15), written over a sceptre with a straight shaft, a forked base, topped with the head of the Seth animal (S40).	Phonemogram m-ws	Overlay. Verified by Peter Dils. I could not verify the JH-D token (Dendera XIII, p. 40,9) with an image. Function is a guess.				
Y/I	Esna VII 633,00, p. 228,12	N (manual)	N	N				A [illegible] (Aa11), written over a sceptre with a straight shaft, a forked base, topped with the head of the Seth animal	Phonemogram wsr.	Overlay. Verified by Peter Dils. Functional overlap due to graphical similarity with F1821 (F12A).				

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unlker | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F39A5	S-24-022				C	S		S169	S169			S169	1			1						204;6								4							3
F39A6	S-24-023					S		S202	S202			S202																									
525. Sticks; other sceptres																																					
F398D	S-25-001			13303				S43	S43			S43	6381	1945	943	1929	1564	1_5694	543	5043	199;1	386;8	171;50	16;69	5;8500		863;4			461	206				226	5;553	*m;md;mahe;mdd;hpt;ḥrr;ḫrrw;ḥ.pt;ṯḥp*	17
F3981	S-25-002				E			S43A	S43A			S43A	1			1						386;9														5;557	*md;n*	3
F3982	S-25-003				A			S43B	S43B			S43B	200			155	45							16;69						525	14	63	123	129	85			9
F3983	S-25-004							S43C	S43C			S43C										386;10														5;559		2
F3984	S-25-005							S43E													S043E																1
F3985	S-25-006																					386;11														5;555		2
F3986	S-25-007				E			S163	S163			S163	1	1												1446;7	864;8											3
F3987	S-25-008				C			S168	S168			S168	6	5		1		1_5591																			3
F3988	S-25-009							S43D	S43D			S43D										386;12														5;561		2
F3989	S-25-010				F	S		S162	S162			S162										386;13															*md;f*	2
F398A	S-25-011							S199A	S199A			S199#										386;14			5;8600										5;565	*ḫnw*	3
F398B	S-25-012				F			S199	S199			S199										386;15	16;67	5;8550												5;563		4
F398C	S-25-013				C			S199B	S199B			S44	7		1	6		1_5699		S044C																		4
F398D	S-25-014			13304				S44B			S44B							1_5699	S44	S044							863;5											4
F398E	S-25-015				C			S44	S44					9						S044D																		2
F398F	S-25-016							AA99			AA99																											
F39C0	S-25-017							S109A	S109A			S109#														1445;11											*wgḥ*	1
F39C1	S-25-018				E			AA27G	AA27G			Aa27X										478;6			T;0600											AA;72		3
F39C2	S-25-019							AA43	AA43			Aa43														1451;5	883;16												2
F39C3	S-25-020				F			S165	S165			S165																								5;541	*ḫnw*	1
F39C4	S-25-021			132FF				S39	S39			S39	51	10	4	33	4	1_5688	539	5039		387;1					862;18								3	5;501	*ʿwt*	11
F39C5	S-25-022							S164	S164			S164																										
F39DF	S-25-023							U26A	U26A			U26A																										
526. Flabellum																																					
F39D0	S-26-001			13305				S45	S45			S45	49	3	6	31	9	1_5701	545	5045	199;3	387;2	171;51	16;70	5;9000		863;6			139		24	29	2	44	5;575	*nḫḫ;nḫ.ḥpt;ḫwi;ḫnḫ;ṯḥḥt* *nḫ;ḫwi;ḥpt*	19
F39D1	S-26-002				B			S45A		S45A												387;3								14						5;567		3
F39D2	S-26-003																					387;4														5;573		2
F39D3	S-26-004				F			H053D4													199;3	387;5															*nḫ;ḥt;r;ṯḥt*	2
F39D4	S-26-005				D			H01201														387;6											2			5;571		3
F39D5	S-26-006																					387;7														5;569		2
F39D6	S-26-007				F			S166	S166			S166										387;9									1					5;579		3
F39D7	S-26-008							S181	S181			S181																										
F4063	S-26-009				B			S167A				S167	12			12				S167	204;5	433;11			5;4101			v3p40n2						13				7

Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP
N		Overlay. TLA token is a reconstruction.					
		note that nearly all sceptres are technically S43B. (make into class), and try to locate (probably in cursive) a form of this grapheme.					
N		TLA token is S43B.					
cf. S043, S34A	N	Technically the most common form of this sign, i.e., without the horizontal stroke. For Unicode I prefer to continue to use S43, as it is what people are used to.					
Y							
		PT token is simply P8 in my opinion.					
v5.2//v9.0 confusion; switch dbCodes of S-24-013 and S-24-010	Y						
		Adjust grapheme to Jsesh form. (Hieroglyphica form is a lot rarer).					
HG-specific shape of S44	Y	note that the circle on top is part of the staff (single sign, not circle on top of staff).					
monogram ; cf. S023	Y	Should probably be its own sign, but I would return it to category S					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
Y/I	Dendera X, p. 120,8, pl. 74, top image, col 8.	N (manual)	N	N				A horned desert viper (Cerastes cerastes) (I9), written over a sceptre (S42).	Phonogram xsf.	Overlay. Overlay. No sources given.				
		N (manual)	N	N										
Y/I	TSL	Y (v5.2)		Y				A staff which widens towards the bottom.	Phonogram md(w).					
Y/I	KIU 1371, line 6	Y (in core)		Y				A staff which widens towards the bottom, with a vertical stroke just above the base, extending beyond	Phonogram md(w).	Exists, but not a meaningful variant of F39B0 (S43) for unicode.			Yes	
Y/I	TSL	Y (in core)		Y				A staff which widens towards the bottom, without internal detail.	Phonogram md(w).	reconcacy one primary attested form of this sign, but I do not consider the variation from F39B0 (S43) meaningful for Unicode.			Yes	
		N (manual)	N	N						not a meaningful variant of F39B0 (S43) for Unicode.				
Y/I	TSL (TSL_1_6996)	Y (in core)		Y				A sceptre or staff, with a cone shape above the handle.	Classifier sceptre (mtb.t).					
		N (manual)	N	N						Logogram or Phonogram (S43C).				
		N (auto)		N						Not supported.				
Y/I	TSL	Y (in core)		Y				A sceptre, with a short handle with a crosbar, with a long oval shape above the handle.	Logogram Hts (Hetes-staff, baton)					
		N (auto)		N						No sources given.				
		N (manual)	N	N						Overlay. No sources given.				
		N (manual)	N	N		F398D				Duplicate of F398D.				
		N (manual)	N	N		F398C				Duplicate of F398C (Jsesh S44).				
Y/I	TSL	Y (in core)		Y				A staff, which widens towards the bottom (S43) with a flagellum (S45) attached to the back.	Logogram Ams (ames-sceptre).	Make this the primary form for Unicode (13304).				
Y/I	TSL	Y (v5.2)		Y				A vertical staff, with a flagellum (S45) attached to the back.	Classifier staff, sceptre (Asm).	Exists, but might be better to left out. (source is very likely a misspelling for Ams). **wasrawn m psuce.**				
Y/I	Merenre, MJVJI 80, (PT 1374c), MFAO 140, fig. 82.	Y (in core)		Y				A staff, which widens towards the bottom, with a circle on top, with a flagellum (S45) attached to the	Classifier staff, sceptre (Ams).	(Redraw, make the circle on top part of the staff (i.e., no line between the staff and the circle.)		redrawn in place		
		N (auto)		N						No sources given.				
Y/I	werenre, wy\-ani/W 45, (PT 1426c), MFAO 140, fig. 29.	Y (in core)		Y				A type of garment.	Classifier clothing (nTstn).	origman tne sign nearly looks like a Aa56. (but this is a distinct sign).		?		
										Vakeurs token (Dendera V, 156,4) is F39E2. H&S seems to be an early dynastic period axe, but I am not convinced. (could not locate it in regulski's database, H&S refers to Petrie, Egyptian Hieroglyphs no. 795-800, to which I have no access at the moment.			Wait	
		N (auto)		W						Harnig considers this an variant of F39C0 (S109A).		near dup AA27G	Wait	
		N (auto)		W						so cores, wnicn oss not provide any sources.				
		N (auto)		N										
Y/I	TSL	Y (v5.2)		Y				A shepherd's crook.	Logogram aw:t (shepherd's crook).			shepherd's crook		
		N (auto)		N						No sources given.				
Y/I	CIP 51, Medinet Habu 4, pl. 213, col. 20.	Y (in core)		Y				An object resembling a drill, with a crossbar on the lower section.	Phonogram smA.	Found and verified by Peter Dils. Not a drill! Move sign to category S24. Sticks; other sceptres.			Yes	Yes/Move
Y/I	TSL	Y (v5.2)		Y				A flagellum or flail, with the stick oriented forwards.	Logogram nsAsA (flagellum). ---------- flagellum (nsAsA).					
Y/I	TSL	N (manual)	N	N				A flagellum or flail, with the stick oriented backwards.		Mirrored form of F39D0 (S45).				
		N (manual)	N	N						not a meaningful variant of F39D0 (S45).				
		N (manual)	N	N						Not a meaningful variant of F39D0 (S45).		Horus 53,9		
		N (manual)	N	N						wennes rorm or F39D5.		Horus 12,2 12,4		
		N (manual)	N	N						Not a meaningful variant of F39D0 (S45).				
										S85,06, p. 103,7, verified by Peter Dils) seems rather crossed arrows, or the like to me, not two flagellum, when compared to S23 variant which occurs nearby (as seen by Peter Dils).				
		N (auto)		N										
		N (auto)		N						no sources given.				
	szsu vn, p. 81,6, Bartels photo (wall) 258; KIU 4208, line 1 (near the beginning).	Y (in core)		Y				A flagellum (S45), written through a cartouche in a round form (V9).	Phonogram xb.	**Moved**. Return to category S.				

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhon	VP Val	Weight
F406C	S-26-010				F			S167C																												bb	
F4064	S-26-011				C			S167B					6			6						433;12										1				5;581	bb	4
F4065	S-26-012				B			S167	S167				2			2					204;5		171;30	16;71		1446;8					18		2	1				8
F4066	S-26-013				D			S166A													195;5	433;13			5;4100											tm;sbn;dmd	4
F4067	S-26-014			132EC				S23	S23		S23	398	70	38	173	117	1_5647	S23	S023	195;5		171;29	16;72			861;18				56	14	4	2		47			16
F3839	S-26-015																					474;8														5;587		2
F383A	S-26-016																					474;9														5;589		2
F383B	S-26-017																					474;10																1
527. Seth tool																																					
F396D	S-27-001																					477;13														AA;74	wall	2
F39E1	S-27-002				B			AA21A	AA21A		Aa2U		46			45	1				250;4	477;1	175;32	24;5							10	1	1		3	AA;75	wall	11
F39E2	S-27-003				F			AA21F													250;4	477;15													AA;77	wall	3
F39E3	S-27-004				B			AA21D		AA21D										AA021	251;8	478;1								9			3		AA;79		6
F39E4	S-27-005			13423				AA21	AA21		Aa21	175	60	17	98		1_958	Aa21	AA021				24;5	U;3300	1394;2	883;3								1		wall;;ceb	11
F39E5	S-27-006			13424				AA22	AA22		Aa22	4			4		1_962	Aa22	AA022		478;2		2;59f		1394;3	883;4									D;723	wall	9
F39E6	S-27-007				F			AA21E												AA021E		478;3														AA;85		3
F39E7	S-27-008				B			DE135		DE135																				11							wall	1
F39E8	S-27-009				C			AA42	AA42		Aa42	1			1						251;8	478;4								3						AA;81		5
F39E9	S-27-010																					478;5														AA;83		2
F39EA	S-27-011							AA21B	AA21B		Aa21I																												3
F39EB	S-27-012							AA21C	AA21C		Aa21I																												1
528. Collar counterweight; bag of clothes																																					
F3A00	S-28-001				F																	476;9														AA;49	*pr	2
F3A01	S-28-002				A			AA20B	AA20B		Aa20I	23			20	3					250;2	476;10		24;4						152	5	1	2	1	83	AA;51	*pr	12
F3A13	S-28-003				C			E5005		E5005																				9								1

Comment DW	Vote DW Core (2021)	DW differentiality	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiality	Comment SP
	N		Hieroglyphica grapheme, but basically a duplication. (Even though this form is more akin to the reality of the sign (which is rarely heavily detailed).					
			Shoud be returned to the S category.					
variant of AA021	Y		In the Hieroglyphic tokens, it is this sign, but the cross-bar is a lot smaller, similar F38E3, but clearly a cross-bar. See for example Edfu VII, 91,10; Edfu XIV, pl. DCXLIII (col in front of Horus).					
Karnak-made glyph with more like sky sign in lower part	Y		Grapheme should not be adjusted.					
			TLA token (Edfu VI, 22,14, photo (wall 443) is F39E3.					
two details different in AA020	Y?							Not a meaningfull semographic variant

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG Examples
Y(/)	Edfu VIII, p. 83,15, Bartels photo 0093	Y (in core)		Y				A circle with a flagellum (145) coming from the top.	Phonogram xb.	Keep this where it is, but split of the original drawing in a new row, and make sure the code T67B stays connected to the old form (i.e., this becomes its own new sign without associated number). Move it back to category T.08. Bow-string, but add it as N/N, and add the fall-back number for this sign. **Redrawn in place and moved.** (Move to category S, together with F4063 (S167A), of which it is a variant. Redraw to resemble F5063 (S167A) more, but without the horizontal line of the
		N (manual)	N	N						Mirrored form of F4064 (Jesh S167). **Moved.** (Return to category S.)
		N (manual)	N	N						HG form of F4063 (Jesh S167). Practically a duplicate. **Moved.** (Return to category S.)
		N (manual)	N	N						**Moved.** sign is closer to the reality in the NK, but would practically be a duplicate of F4067 (S23).
Y(/)	TSL	Y (v5.2)		Y				[illegible] strung together / Two flagellums (145) on top of/written through a cartouche in a round form (V9).	Logogram dmD (to unite, to assemble).	**Moved.** [illegible] returned to category S.) In earlier forms of this sign, there is no clear cartouche, or flagellums, so hence the double
		N (auto)		N						**Moved.** No sources given, variant of F4067 (S23 in valeurs.
		N (auto)		N						**Moved.** No sources given, variant of F4067 (S23 in valeurs.
		N (auto)		N						**Moved.** No sources given, variant of F4067 (S23) in valeurs.
		N (auto)		N						vaeurs token (Dendera V, p. 156,4, pl. CCCCXLVI) would be better served by F39E2 in my opinion, but it could be either.
Y(/)	P. Turin 1791 (RotD, chapter 147, col. 19; Dendera, porte d'Hathor, p. 38,6, p. 105 (drand).	Y (in core)		Y				An object consisting of a horizontal rectangle with a triangular indentation at the bottom, with a vertical line on top of it, with a horizontal line on top of the vertical line, to the same width of the rectangle.	Logogram wDa (to judge, to separate).	
		N (auto)		N		F39E3				Valeurs token (Dendera II, p. 77,2) could not be verified with an image. Verified by Peter Dils, is Aa21D or Aa42.
Y(/)	KIU 3552, line 2.	Y (in core)		Y				An object consisting of a horizontal rectangle with a triangular indentation at the bottom, with a vertical line on top of it, with a half-circle on top of the vertical line.	Logogram wDa (to judge, to separate).	
Y(/)	TSL	Y (v5.2)		Y				An object consisting of a horizontal rectangle with a triangular indentation at the bottom, with a vertical line on top of it, connected through a triangle.	Logogram wDa (to judge, to separate).	
Y(/)	TSL	N (manual)	N	N				A forearm, with the palm of the hand facing upwards (D36), written over an object consisting of a horizontal rectangle with a triangular indentation at the bottom, with a vertical line on top of it, connected through a triangle (Aa21).	Logogram wDa (to judge, to separate).	Pre-control characters encoding artifact, should now be done through overlay.
Y(/)	Edfu VII, 91,10, Edfu XIV, pl. DCXLIII (col in front of Horus).	Y (in core)		Y				An object consisting of a horizontal rectangle with a triangular indentation at the bottom, with a vertical line on top of it, with a short horizontal line crossing the vertical line.	Logogram wDa (to judge, to separate).	However, might be a meaningless variant.
		N (manual)	N	N						Duplicate of F39E3.
Y(/)	Dendera IV, p. 13,14, pl. CCLXI (brand)	Y (in core)		Y				An object consisting of two connected triangles, arranged horizontally with the points down, with a vertical line on the top, with a half-circle on top of the vertical line.	Logogram wDa (to judge, to separate).	One can wonder how valuable it is for Unicode to include all variants of Aa21.
		N (manual)	N	N						Practically a duplicate of F39E6.
		N (auto)		N						No sources given.
		N (auto)		N						No sources given.
		N (manual)	N	N						Practically a duplicate of F3A01.
Y(/)	KIU 3786, line 6.	Y (in core)		Y				A type or ornament, with a tie and a loop at the top, and fringes at the bottom.	Phonogram apr.	Too common to be left out, beside being used for overlays.
Y(/)	KIU 3552, line 1.	N (manual)	N	N				A forearm, with the palm of the hand facing upwards (D36), written over a type of ornament, with a tie and a loop at the top, and fringes at the bottom (Aa20B).	Phonogram apr.	Overlay.

Comment MS	Change (Berlin)	Changes (post 19-02-2023)
redrawn in place		Split and move.
JH-E is S167\		
carpenter tool		
~~		

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vols | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vols | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikee | Caurw | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhon | VP Value | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sig	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikeı	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
																																					wt hd	
F3A67	T-01-044				B	S	T39	T39				T39	**3**			3						211;1	412;8	17;13						5					1	T;51		7
F3A68	T-01-045				F	S	T122	T122				T122																	1								*walk bar*	1
F3A69	T-01-046				E	S	T40	T40				T40	**1**			1						412;9													T;49		3
F3A6A	T-01-047																					412;12													T;45		2
F3A6B	T-01-048				B		T3G			T3G									T3*	T003A		412;13		17;3											N;455	*wgbs*	5
F3A6C	T-01-049			1330A	C		T43	T43				T43	**3**			3				T003A															T;12	*bwk*	4
F3A6D	T-01-050						T112	T112				T112																									
F3A6E	T-01-051				B	S	S14B	S14B				S14B	**10**			9	1					194;4	412;14							20	1			21	S;265	*hd*	8
F3A6F	T-01-052			132E0		S	S14	S14				S14	**133**		24	89	20	1_5551_00	S14	S014		412;1	171;20	16;31			861;6			1					S;261		12
F3A70	T-01-053				C		S14E											1_5551_01		S014E																
F3A71	T-01-054					S																412;16													S;259	*t1 pwr,pxy*	2
T02. Shield																																					
F3A72	T-01-055				B		T44	T44				T44	**1**			1						413;1	172;14	15;41						13		2			QR;527	*ikm*	7
F3A80	T-02-001			13332			T36A			T36A									T37	T036		413;6													T;185		4
F3A81	T-02-002						T36	T36														413;7		17;25											T;187		3
F3A82	T-02-003				C		T36B					T36	**4**		3	1		1_5928		T036C														1			5
F3A83	T-02-004						T49	T49				T49										413;8		17;25											T;189		3
F448A	T-02-005						X6C	X6C				X6C												17;25													1
F3A87	T-02-006				F		ES04D		ES04D											T049A											1					2
F3A84	T-02-007						T50	T50				T50										413;9													T;191		2
F3A85	T-02-008						T50	T50				T50										413;10													T;469	*hrf*	2
F3A86	T-02-009				F		X4D	X4D				X4D										413;11		22;2											T;21		3
T03. Axe																																				*mqlb*	
F3A90	T-03-001				C		T7B	T7B				T7B	**3**			2	1	1_5981_01				413;12													T;57		5
F3A91	T-03-002				D		AA70	AA70				Aa70	**1**	1								252;6								1							3
F3A92	T-03-003					S																413;13													T;59		2
F3A93	T-03-004				F		T52	T52				T52	**1**	1								413;14													T;63		3
F3A94	T-03-005			1330F			T7A	T7A				T7A	**2**	1		1			T7*	T007A					T;0550	864;16										6
F3A95	T-03-006				F																	414;1													T;53	*mqlb sml*	2
F3A96	T-03-007			1330E			T7	T7				T7	**33**	1		31	1	1_5981_00	T7	T007		414;2		17;14	T;0500	864;15									T;55		11
F3A97	T-03-008				F	S	T7C	T7C				T7C																							T;61	*kw*	1
T04. Axe head																																				*h1t;hm*	
F3AA0	T-04-001				F		T53A															413;3		17;15											T;69		3
F3AA1	T-04-002				C		T53	T53				T53	**3**			3		1_5952			211;3	414;4	172;11	17;15	T;0800				T80X	2				1	N;233		11
F3AA2	T-04-003						T53B																	17;15													1

Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
	N							
			Overlay: ITA token is uncertain. Based on the function (rob w-HD), I doubt this sign was used.					
	N							
cf. T43; redesign shape			should indeed be redisigned based on T43					
identical to and better shape for T003A	N		Should indeed serve as token for U+1330A.					
	N							
			Uncertain, as it is damaged. KIU 4877, line 55.					
cneck attestation s	?	DIFF	However, there is no internal detail in the current token.					

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Siz	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikar	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
T05. Dagger																																				
																																				wik;w';t;tp;tpy	
F3A80	T-05-001				B			T8B													206;4	414;5						53	1	6	4			T;75	7
F3A81	T-05-002																					414;6													T;79	2
F3A82	T-05-003				F																	414;7													T;77	2
F3A83	T-05-004			13310				T8	T8		T8	**300**	126	1	125	48	1_6000_00	T8	T008	206;4	414;8	172;8	17;16	T;0900	864;17				28	3			10	3	T;71	18
F3A84	T-05-005			13311				T8A	T8A		T8A	**25**			16	9	1_6000_01	T8*	T008A			17;16	T;0950	865;1								5	1	T;72	11
F3A85	T-05-006																					414;9													T;81	2
F3A86	T-05-007				C			S18A	S18A		S18A										194;9	414;10	16;32					2						S;268	5
F3A87	T-05-008																					414;11													U;567	2
F3A88	T-05-009							T54	T54		T54											414;12													U;565	2
F3A89	T-05-010																					414;13													U;563	2
F3A8A	T-05-011							T55	T55		T55											414;14				1446;14									U;561	3
F3A8B	T-05-012																					415;1													U;553	2
F3A8C	T-05-013																					415;2													U;557	2
F3A8D	T-05-014																					415;3													U;275	2
F3A8E	T-05-015							T56	T56		T56											415;4													T;85	2
F3A8F	T-05-016																					415;5													T;87	2
F3ACD	T-05-017																					415;6													T;89	2
F3AC1	T-05-018																					415;7													T;91	2
F3AC2	T-05-019																					415;8													T;93	2
F3AC3	T-05-020																					486;12													U;555	2
T06. Bow																																				
																																			pḏ	
F3AD0	T-06-001			13312				T9	T9		T9	**255**	147	34	63	11	1_6022_00	T9	T009	206;5	415;9	172;33	17;19	T;1000	865;2				16					1	T;105	16
F3AD1	T-06-002					S		T9E																				T009B								1
																																			ḥry;y-ḏḏ;pr;pḏ;pḏ	
F3AD2	T-06-003				B			T9D	T9D		T9D	**15**		1	14						206;5	415;10	17;19						3				3	10	T;107	9
																																			ỉwn(y);ỉr;pḏ;pḏt	
F3AD3	T-06-004			13314				T10	T10		T10	**332**	12	118	126	76	1_5787	T10	T010	206;7	415;1	172;33	17;21	T;1100	865;4				47	51	2	2	2	34	T;117	20
F3AD4	T-06-005							T10A																				T010A								1
F3AD5	T-06-006				F																	415;12													T;119	2
F3AD6	T-06-007				F																	415;13													T;121	2
F3AD7	T-06-008				D			T9C	T9C		T9C											415;14			T;1001								2	T;115	4
F3AD8	T-06-009				B			T9B	T9B		T9B	**7**			5	2				206;6	415;1	172;35	17;20							1			2	T;111	9
F3AD9	T-06-010			13313				T9A	T9A		T9A	**34**	11		6	17	1_6022_01	T9*	T009A		416;1				865;3								1	T;113	10
F3ADA	T-06-011							T9F																T;1200			T009C								2
F3ADB	T-06-012																					416;2													T;125	2
F3ADC	T-06-013																					416;3													T;127	2
F3ADD	T-06-014				F																	416;4													T;123	2
F3ADE	T-06-015			1342E				AA32	AA32		Aa32	**162**	15	23	123	1	1_1003	Aa32	AA032						1394;13					1						9
F3ADF	T-06-016				B			AA32A	AA32A		Aa32ỉ	**14**	4		10							172;35		T;1201	883;15											5
F3AE0	T-06-017				C			AA32B	AA32B		Aa32ỉ	**5**			5													AA032A								2
F3AE1	T-06-018				C			T12G	T12G		T12G	**2**			2						215;1	172;34						2					2			5
F470B	T-06-019				F			E516?		E516?										T151																2
T07. Arrow; quiver; cover of a quiver																																				
																																			n;s;sw;sḫr;ḥr;ỉḥr	
F3AF0	T-07-001				F																	416;5													T;131	2
F3AF1	T-07-002				B			T11B	T11B		T11B	**21**		1	20						207;1	416;6			T;1600				13	11			2	T;133	9
																																			ỉwr;	
F3AF2	T-07-003				F																	416;7													T;129	2
F3AF3	T-07-004				F																	416;8													T;135	2
F3AF4	T-07-005							T11D														416;9													T;137	2

Vote DW	Vote DW Comment DW	DW differentiality	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiality	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
											N (auto)		N						based on attestations in Dendera Porte d'Hathor (JH-D tokens are Dendera XIII-XV, i.e, cannot be verified with an image), this sign is F3AB3 (T8).				
											N (auto)		N						No sources given.				
											N (manual)	N	N						Not a meaningful variant of F3AB3 (T8).				
									Y/I	TSL	Y (v5.2)		Y				A dagger within a round-tipped [illegible]	Phonogram tp.					
									Y/I	TSL	Y (v5.2)		Y				A dagger with a pointed tip.	Phonogram tp.					
											N (manual)	N	N		F3AB3				not a meaningful variant of F3AB3 (T8).				
																			No sources given.				
										Dendera VI, p. 47,3, pl. CCCXCIII (brand).									sign should be returned to category S.XX. Jewels; clothes; staves; S11. Collar, as it is a counterweight of a necklace, not a dagger. (although the 2 can be confused, see Dendera X, 156,4).				
									Y/I		Y (in core)		Y				A counterweight of a necklace.	Phonogram mn.					
											N (auto)		N						No sources given.				
											N (auto)		N						No sources given.				
											N (auto)		N						No sources given.				
																			not a meaningful variant of F4000 (U41), the plummet of a balance.		level		
											N (manual)	N	N										
											N (auto)		N						No sources given.				
											N (auto)		N						No sources given.				
											N (auto)		N						No sources given.				
											N (auto)		N						No sources given.				
											N (auto)		N						No sources given.				
											N (auto)		N						No sources given.				
											N (auto)		N						No sources given.				
																	A bow, written horizontally, with a rectangular central section, with the tips of the bow forming a bowl-	Classifier bow, weapon (pD1).					
									Y/I	TSL	Y (v5.2)		Y										
											N (manual)	N	N						Rotated form of F3AD0 (T9).		T9|890		
N	cf. T009; or is this definitely another shape/state of technique?	N						I do not see it as a meaningfull semographic variant															
									Y/I	Edfu VIII, 90,10, Bartels photo 0117.	Y (in core)		Y				A bow, written horizontally, with a rectangular central section, with the tips of the bow angling downwards.	Phonogram pD.	Not a meaningful semographic variant of F3AD0 (T9).			Yes	
																	A composite bow, with handle bound to the bowstring when out of use.	Logogram pD.t (bow).					
									Y/I	TSL	Y (v5.2)		Y										
											N (manual)	N	N						rotated form of F3AD3 (T10).		T10|890		
											N (manual)	N	N						Not a meaningful variant of F3AD3 (T10).				
											N (manual)	N	N						not a meaningful variant of F3AD3 (T10).				
											N (manual)	N	N						variant of F3AD8 (T98).				
N	cf. T009; or is this definitely another shape/state of technique?	N	DIFF	I am not sure if including all the bow variants is that valuable for Unicode, but this specific grapheme (i.e, black on top of the bow) occurs.																			
									Y/I	KIU 2512, image 137495 (top line).	Y (in core)		Y				A bow, written horizontally, with a small rectangle in the middle, with the two limbs angling downwards, with upwards coiled ends.	Logogram/phonogram pD (to stretch out).					
																	A bow, written horizontally, with a straight middle section, with the limbs forming a bowl-shaped loop.	Phonogram pD.					
									Y/I	TSL	Y (v5.2)		Y										
											N (manual)	N	N						Rotated form of F3AD9 (T9A).		T9A|890		
											N (auto)		N						No sources given.				
											N (auto)		N						No sources given.				
											N (auto)		N						No sources given.				
									Y/I	TSL	Y (v5.2)		Y				A bow, of an archaic type, with the ends towards the back.	Logogram sty (Nubia).			generally accepted to be a bow		
											N (manual)	N	N				A bow, of an archaic type, with the ends towards the front.	Phonogram sḫr.	Mirrored form of F3ADE (Aa32).				
N	mirrored version of AA032	N	mirrored					mirrored	Y/I	TSL	N (manual)	N	N										
N	rotated version of AA032	N	rotated					rotation			N (manual)	N	N						Rotated form of F3ADE (Aa32).		Aa32|8270		
									Y/I	Edfu VIII, 164,11, Edfu XIV, pl. DCLXXXIII (lower line bandeau, and occurs in the left column of the soubassement as well).	Y (in core)		Y				horizontally, with a rectangular central section, with the tips of the bow forming a bowl-shaped loop (T9), on top of legs in a walking posture, feet orientated towards the reading direction (D54).	Classifier beyond, outside (m-rwt).	It could be argued that in this source the bow should be interpretated as the sky (N1). Verified by Peter Dils. I think this is a playful way to write wp5, but I cannot say in which category it would fit well (I think the curl is supposed to evoke horns, like F33, but I do not know if it would be a good fit there.				
									Y/I	Esna VII 620,00, p. 196,4	Y (in core)		Y				Two horizontal horns, with a curved line of dots running from tip to tip.	Phonemogram/logogram wp5			Variant T9D		
											N (manual)	N	N						Practically a duplicate of F3AF1 (T11B).				
N	frequent in overlay; cf. F29A	Y	None of the TLA tokens is without a doubt T11B.					T11 is certainly sufficient	Y/I	Dendera XI, p. 142,7, pl. 104.	Y (in core)		Y				An arrow with rectangular fletching.	Classifier Sar (arrow).					
											N (manual)	N	N						Practically a duplicate of F3AF1 (T11B).				
											N (manual)	N	N						Practically a duplicate of F3AF1 (T11B).				
									Y/I	TSL (T11, TSL_9_22720)	Y (in core)		Y				An arrow with a splayed arrowhead, and rounded fletching.	Phonogram swn.	cast (sayeyo arrowhead), but not a valuable variant for Unicode.			Yes	

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sta	GID	HG	HGx	Doun	JSesh	Sum	PT	Rame	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	VolPhor	VP Val	Weight
F3AF5	T-07-006							T134	T134			T134																									
F3AF6	T-07-007			13315				T11	T11			T11	388	6	168	213	1	1_5800	T11	T011			172;26	17,22			865,5								4			11
F3AF7	T-07-008																					416;10													T;139		2
F3AF8	T-07-009							T11A	T11A			T11A										206;8	416;11												T;363		3
F3AF9	T-07-010				E			T125	T125			T125										214;10								1							2
F3AFA	T-07-011				F	S																416;12													T;141		2
F3AFB	T-07-012							T131	T131			T131													T;1601													1
F3AFC	T-07-013																					416;13													T;465		2
F3AFD	T-07-014				C			T58A	T58A			T58A	4			4						211;5	416;14												T;467		4
F3AFE	T-07-015				F																	416;15													T;473		2
F3AFF	T-07-016				B	S		T58	T58			T58	2			2						211;4	417;1	172;32	17;45		T;1700			29					T;475		8
F3B00	T-07-017				D	S		T58B	T58B			T58B	1			1						211;4	417;2												T;471		4
F3B01	T-07-018							T58C																													
F3B02	T-07-019							T57	T57			T57										417;3					867;9								T;193		3
F3B03	T-07-020				C			T60	T60			T60	2			2						417;4				1446;15									T;145		4
F3B04	T-07-021			13316				T60B	T60B		T11D									T011A																	1
F3B05	T-07-022																					417;5													T;143		2
F3B06	T-07-023				C			T60A	T60A			T60A	5			5						417;5															1
F3B07	T-07-024				E			T61	T61			T61	2			2						417;6													QR;577		3
F3B08	T-07-025				F																	417;7													T;197		2
F3B09	T-07-026				C			T63	T63			T63	3			3						417;8	172;29	15;42			867;11			3					QR;533		7
F300E	T-07-027				F			ES130		ES130										T063E											1						2
F3B29	T-07-028				F			ES184		ES184										T063F											1						2
F380A	T-07-029				D			T63C	T63C			T63C	1			1						211;7													QR;535		3

Vols	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
				note that some of the n/a tokens are technically classes.					
	also basis of T58	Y							
	monogram	Y	DIFF	If T58A is included, this form is not needed, as it is functionally the same as T58A, and can be done as insertion. (sT/st). I could not verify the tokens with an image (nor the example from Cauville, 2001).					
	design with shape of T118; for orientation cf. T60A	?	DIFF	U+13316, but on its side (see PT 510a, Piankoff pl. 1, 3rd col from right). Majority of the TLA tokens are sideways as well, so one could argue for this sideways form as well (although the downwards form and upwards form both exists. I would argue to leave it at the current Unicode token (U+13316)					
				form exists, I think this would be more correct than the current Hieroglyphica and Jsesh T60 form (as this sign is most commonly attested in OK, which uses the more rounded fletching. However, I am not certain about the orientation and arrow type, as these can massively vary. I currently cannot acces the Neith statue (St. Petersburg, state hermitage museum, 171)					
	design with shape of T118; for orientation cf. T60	Y	DIFF	Arrows should indeed be fletching at the top. Stela Munich Gl. WAF 35 has a variant (line 8), with the fletching of the arrows at the top, and only a single horizontal line. CT V,32,i has a similar sign, but I cannot say in which direction the arrows are. Change grapheme of T61 entirely to this more simple form?					
	cf. N1005, N1005A, ...; attested as standalone sign?	?	DIFF						

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
		N (auto)		N						No sources given.				
Y/i	TSL	Y (v5.2)		Y				An arrow with rounded fletching.	Phonemogram swn.					
		N (auto)		N						No sources given.				
Y/i	Dendera IX, p. 36,15, pl. DCCCXXVIII.	N (manual)	N	N				An arrow, written vertically, with a forked end.	Classifier staff (mdw).	i seen represents a poorly made S40, so should not be added until this exact form can be proven to exist as its own entity.				No/No
Y/i	Dendera X, p. 319,5, pl. 213	Y (in core)		Y				An arrow with rectangular fletching, written vertically, on top of a plan of a crossroads in a village (D49).	Logogram swn.w (Synene (Aswan)).					
		N (auto)		N						Mirrored form of F3AFB (T131).				
Y/i	TSL (T11, TSL_9_20428)	Y (in core)		Y				An arrow or dart, with the tip slowly tapering out towards the back.	Phono-repeater swn.	exists, but I do not consider it a valuable variant of F3AFG (T11) for Unicode. (Could be described as an arrow without arrowhead as well).			Yes	
		N (manual)	N	N						no sources given, graphically identical to F3B75.				
Y/i	Edfu VIII, 117,15, Bartels photo 0151.	Y (in core)		Y				An hexagon, with a loop at each corner.	Phonogram sT/st					
		N (manual)	N	N						Duplicate of F3AFF (T58).				
Y/i	Dendera XI, p. 143,10, pl. 119, bottom image, bandeau.	N (manual)	N	N				An arrow with rectangular fletching (T118), written inside an hexagon, with a loop at each corner (T58A).	Phonogram sT/st.	Insertion.				
Y/i	Dendera V, 60,10, pl. CCCLXI (left column).	N (manual)	N	N				An arrow with rectangular fletching (T118), written inside an oval, with a loop on the four 'corners'.	Phonogram sty.	Insertion (using F3B75).				
Y/i	Dendera XII, p. 185,9, pl. 110, 7th image.	Y (in core)		Y				An arrow with rectangular fletching (T118), written with the fletching towards the front, with the arrowhead inside a hexagon with	Phonogram sT/st	Exists, but I am not sure if this would be worthwhile for Unicode.			Yes	
		N (auto)		N						No sources given.				
		Y (=>0_JSeh/HG)		W						F3B04 is probably sufficient for Unicode.			Wait	
										I lack good tokens, but seems to exist. *Inclusion in core based on protocol, not on verification.*				
		Y (v5.2)		Y									Yes	
		N (manual)	N	N						practicaly a duplicate of F3B03 (T60). No sources given.				
Y/i	Roth, Giza Mastabas 6, pl. 47.	Y (in core)		Y				Two arrows, crossing, with the fletching at the top, on top of a standard used for carrying religious symbols (R12).	Logogram n.t (Neith).	**Redrawn in place.** (Redraw with fletching at the top.)		redrawn in place		
		N (auto)		N						Not really supported with the double line of the base. (beside arrow orientation).				
		N (auto)		N						vaseur tokens (cons VI, 100,3; Edfu VII, 66,5) are F380A (i.e., with standard, not on their own).				
Y/i	KRU 4205, line 1, near the middle.	Y (in core)		Y				A sheaf with a rounded top, with two arrows crossed over it, fletching upwards (T62), on top of a standard used for carrying religious symbols, with a loop under the horizontal beam, running over the vertical pole	Logogram n.t (Neith (4-5th nome of LE).					
Y/i	Esna VII 604,12, p. 150,12	Y (in core)		Y				A shield with a rounded top, on top of a base, with an arrow with the fletching upwards sticking out at either side.	Logogram n.t (Neith (4-5th nome of LE).	Verified by Peter Dils. **Moved**. (Move sign to category 707. Arrow, quiver; cover of a quiver, near T62, as it is a variant of that, not a stela.)		moved		
Y/i	Esna VII 633,00, p. 227,12	Y (in core)		Y				A shield with a rounded top, with two arrows crossed over it, fletching upwards (T62), on top of a standard used for carrying religious symbols, with a short vertical pole, with a loop under the horizontal beam, running over the vertical pole (R50).	Logogram n.t (Neith (4-5th nome of LE).	Verified by Peter Dils. I cannot say with certainty if it is fletching up or down. Variant of F3B09 (T63). I am not sure if it is that valuable for Unicode.			Yes	
Y/i	Edfu VIII, p. 94,6, Bartels photo 0122, column above the second Horus.	Y (in core)		Y				A sheaf with a rounded top, with two arrows crossed over it, arrowheads at the top; on top of a standard used for carrying religious symbols, with a short vertical pole, with a loop under the horizontal beam, running over the	Logogram n.t (Neith (4-5th nome of LE).	Note that this token technically has a different standard type (R56). Variant of F3B09 (T63) with the arrowpoints up, not down.				

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikor | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unlker | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val Weight | Vols | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG According to Herring in sp.t (quiver) and tmA.ty, but did not provide a source (form does not show in WB/TLA slips). | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F3856	T-09-007				B			T14A	T14A			T14A	14		3	11																					2
F3857	T-09-008				F																	419;13													T;211		2
F3858	T-09-009				F																	419;14													T;213		2
F1287	T-09-010				E			T14B	T14B			T14B									207;4	419;11													D;941		3
F1288	T-09-011							T14D														419;12															1
F3859	T-09-012																					419;15													T;203		2
F385A	T-09-013				F																	420;1													T;205		2
F3858	T-09-014				F	S		T69	T69			T69										420;2		2;59e											D;703		3
F385C	T-09-015					S		T70	T70			T70										420;3													T;215		2
F385D	T-09-016				F	S		T71	T71			T71										420;4													D;947		2
F385E	T-09-017				F			T132	T132			T132																							T;224		1
F385F	T-09-018				F			T72	T72			T72	1			1						420;5													T;227		3
F3860	T-09-019							T133	T133			T133											172;14													T;228		2
F3861	T-09-020				C			T142		T142																				3							1
F3862	T-09-021				F																	420;6													T;199		2
F3863	T-09-022			1331A				T15	T15			T15	59	19		40		1_S844_01	T15	T015		420;7			T;2001		865;9							1	T;201		10
F3864	T-09-023				F																	420;8													T;207		2
F3865	T-09-024				B			T124	T124			T124	6			6						214;9	172;19	17;30	U;2451					2							6
T30. Scimitar																																					
F3870	T-10-001			1331B				T16	T16			T16	12			2	10	1_S849	T16	T016					T;2600		865;10										7
F3871	T-10-002			1331C				T16A	T16A			T16A	26			26			T16*	T016A		420;9	172;9	17;17	T;2601	1446;9	865;11			3					T;95		11
F3872	T-10-003																					420;10													T;97		2
F3873	T-10-004				F																	420;11													T;99		2
F3874	T-10-005				B			T73	T73			T73	6			6						420;1	172;9	17;18						7					T;101		6
F3877	T-10-006							T73B												T073B																	4
F3875	T-10-007				B			T73A	T73A			T73A	13			13						420;13								1			1		T;103		5
F3878	T-10-008							T73C												T073C																	1
F3876	T-10-009				F			HO4001												T073D													1				2

Index	Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP	Validated	Location validation ACE: 16, pl. 16, register with the boats, text between the right two boats, col. 1.	Computed inclusion in Unicode 'FULL' list	Manual inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
		Y								Y/I		Y (in core)		Y				A throwing-stick, or a club used by foreign people, on top of a horizontal line.	Phono-repeater n.					
												N (manual)	N	N						Duplicate of F3855 (T14).				
												N (manual)	N	N						**Moved**. (Should be returned to category T09. Throw stick. (basically a form of F385A). Too likely to cause confusion.				
												N (auto)		N						**MOVED**. (MIRRORED form of F1287 (T14B)). Should be returned to category T09. Throw stick. (basically a form of F385A).				
												N (manual)	N	N						No sources given.				
												N (auto)		N						Duplicate of F3855 (T14B). Valeurs source refers to F1285 (D51).				
												N (manual)	N	N										
																		A forearm, with the palm of the hand facing upwards (D36), written over a throwing-stick, or a club used by foreign people (T14).	Phonemogram Dba.	Overlay. T14 is used as a substitute for D50.				
											Dendera I, p. 41,4, pl. 18I.	N (manual)	N	N										
												N (auto)		N						No sources given.				
												N (auto)		N						Valeurs source (2nd Bilingual decree Philae, see Müller, pl. 27, line 16 (Urk II, p. 229,10) is an overlay with V212, not Z9.				
												N (auto)		N						vaeurs soxen (Daumas, Mammisis Dendera, p. 25,6, verified by Peter Dils) is T13.				
												N (auto)		N						Function based on the TLA, which has a ?. Although I doubt a redraw is needed, technically the curl is based on P404.7 (Valeurs V;123), i.e., there is an additional downwards tick at the back.				
																		A band of string or fabric, which coils at the front, written over three throwing-sticks, or a clubs used by foreign people (T14), arranged horizontally.	Phonemogram/logogram Snt.t (strife).					
											Louvre C2, line 9.	Y (in core)		Y										
				Grapheme fits, but I wonder what it is supposted to represent. (is it throwing sticks, or fingers, or is this maybe even a variant of D61?)								Y (manual)	Y	N						No sources given.				
																		sticks, or a clubs used by foreign people (T14), arranged horizontally, on top of a standard used for carrying religious symbols, with a loop under the horizontal beam, running over the vertical pole	Logogram/phonogram mtr (meter canal).	I am not sure, as this source might be understood as F1292 (HGx N73A) as well, i.e., fingers instead of throwing sticks, which I would favour over this.		Yes	
											Dendera XI, p. 72,8, pl. 56.	Y (in core)		Y						Not a meaningful variant of F3863 (T15).				
												N (manual)	N	N										
											TSL	Y (v5.2)		Y				A throwing-stick, or a club used by foreign people (T14), angled	Phonemogram T9n.					
												N (manual)	N	N						Duplicate of F3326 (P11A).				
				ll TLA tokens are Hieratic. I am not sure if it is this sign, see Goyon P. MMA 35.3.21, col. 24.2 (attached image). This seems to be the form in all cases. See Moeller III, nr. 391 that the base should not have been represented for this sign.							Dendera X, p. 285,9, pl. 167, col. 36.	Y (in core)		Y				A fire-drill in a piece of wood (U28), written between two times pieces of wood, lashed together with the top piece at an angle, with a loop and tie at the back (T13), with the first mirrored, on top of a base.	Phonemogram rs-wDA.				
	check shape	Y								R														
																		A scimitar (khopesh), written horizontally.	Classifier curved blade, scimitar (xoS).					
											TSL	Y (v5.2)		Y				A scimitar (khopesh), written vertically, blade curving forwards, with a handle resembling a stem of papyrus with a	Classifier strong arm, power, strenght (spS)	with the head of a falcon with a sun-disk (NS) on top of it (T73 variant)				
											KIU 624, line 11 (logo); KIU 701, line 11 (classif).	Y (v5.2)		Y										
												N (manual)	N	N						vaeurs sxn (T16A).				
												N (manual)	N	N						Duplicate of F3871 (T16A).				
																		A scimitar (khopesh), written vertically, blade curving inwards, with the head of a falcon with a sun-disk (NS) on top of	Logogram qni (to be strong, brave, capable).					
		Y/URA EUS									Edfu VII, 10,4, Edfu XIV, pl. DCXLV.	Y (in core)		Y						using F3871 (T16A) as a base, but with the head with sun and uraeus of F3874 (T73). My image is not clear enough in the source, so it might have an uraeus (but the curve of the blade is without a doubt forwards); (example image is technically of F2C1F).				
																		A scimitar (khopesh), written vertically, blade curving forwards, with the head of a falcon with a sun-disk (NS) on top of it.	Logogram qn.t (valour, strenght).					
				Edfu VIII, 111,17, photo 0155 is a different variant, (add as class in TSL). This seems to be true for the other attestations (I could verify) as well. I could not locate an example outside e.Ne.t sign where in the image one could see the uraeus with certainty.							Edfu VIII, p. 122,18, Bartels photo 0154 (line above the gods).	Y (in core)		Y										
																		A scimitar (khopesh), written vertically, blade curving inwards, with the head of a falcon with he sun within a halo, encircled by a cobra (Naja haja), standing up, with expanded hood	Logogram xpS (Khopesh sword/scimitar).	Variant of F3874 (T73) with an Uraeus around the sun-disk.	snake barely visible		
		Y								Y/I	Dendera Porte d'Horus, p. 41,3, p. 129.	Y (in core)		Y										
																		A scimitar (khopesh), written vertically, blade curving forwards, with the head of a falcon with he sun within a halo, encircled by a cobra (Naja haja), standing up, with expanded hood	Classifier to be strong, brave, capable (qn).	Draw the sign by using F3871 (T16A) as a base, but with the head with sun and uraeus of F3875 (T73A).			
											Edfu VIII, p. 111,17, Bartels photo 0155.	Y (in core)		Y										
																		A scimitar (khopesh), written vertically, blade curving inwards, with the head of a falcon, wearing the double crown (S5), on top of it.	Logogram xpS (Khopesh sword/scimitar).					
											Dendera, Porte d'Horus, p. 40,14, p. 129	Y (in core)		Y								Horus 40,14		

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Siz	GID	HG	HGx	Doun	JSesh	Sum
F3F54	T-10-010				C			T130	T130			T130	
T11. Chariot													
F3B80	T-11-001			1331D				T17	T17			T17	**33**
F3B81	T-11-002												
F3B82	T-11-003												
T12. Crook with package													
F3B90	T-12-001				B			T74	T74			T74	**6**
F3B91	T-12-002			1331E				T18	T18			T18	**698**
F3B92	T-12-003												
F3B93	T-12-004				C			T18A	T18A			T18A	**5**
F3B94	T-12-005				E			T75	T75			T75	
F3B95	T-12-006							T75A	T75A			T75A	
F3B96	T-12-007												
T13. Harpoon													
F3BA0	T-13-001				F								
F3BA1	T-13-002				B			T19A	T19A			T19A	**60**
F3BA2	T-13-003												
F3BA3	T-13-004			1331F				T19B	T19B			T19B	**25**
F3BA4	T-13-005			13320				T20	T20			T20	**387**
F3BA5	T-13-006				B			T76A	T76A			T76A	**5**
F3BA6	T-13-007							T78	T78			T78	
F3BA7	T-13-008				F								
F3BA8	T-13-009				B			T79	T79			T79	**7**
F3BA9	T-13-010				C			T76B	T76B			T76B	**2**
F3BAA	T-13-011				F			T77	T77				
F3BAB	T-13-012				A			T19	T19				**177**
F3BAC	T-13-013				A			T19D				T19	**591**
F3BAD	T-13-014				B			T76	T76			T76	**10**
F3BAE	T-13-015				B			T19C	T19C			T19C	**18**
F3BAF	T-13-016							T79A					
F3BB0	T-13-017												
F3BB1	T-13-018				E			T120	T120			T120	
F3BB2	T-13-019				E			T121	T121			T121	

Index	PT	Ramse	TLA	Karnak	TSL	Gardi	Uniker	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moeller	Richn
F3F54										172;10	17;10					
F3B80			22	11	1_5851	T17	T017		420;14		17;31			866;1		
F3B81									421;1							
F3B82									421;2							
F3B90	1		5						421;3							
F3B91	82	211	394	11	1_5852_0(	T18	T018	208;1	421;5	172;20	17;60	T;2800		866;2		
F3B92									421;6							
F3B93			5		1_5852_01				421;7							
F3B94									421;8					867;14		
F3B95																
F3B96									421;9							
F3BA0									421;10							
F3BA1			59	1	1_5854_01			208;2	421;11							
F3BA2									421;12							
F3BA3			24	1	1_5854_0:	T19	T019		421;13			T;3000		866;3		
F3BA4	237	2	148		1_5854_0:	T20	T020	208;2	422;1					866;4		
F3BA5			5						422;2							
F3BA6									422;3							
F3BA7									422;4							
F3BA8			6	1					422;5							
F3BA9			2						422;6							
F3BAA									422;7							
F3BAB	151			26			T019E	208;2	422;8	172;21	17;32					
F3BAC		197	394		1_5854_00		T019F									
F3BAD			10						422;9	172;22	17;33					
F3BAE			18					208;2	422;10							
F3BAF																
F3BB0									422;11							
F3BB1								214;7			17;33					
F3BB2								214;8			17;33					

Index	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhon	VP Val	Weight
F3F54		2					T;41	*nḫp;ḫ;k;kn*	4
F3B80							T;233	*wrryt*	9
F3B81							T;231		2
F3B82							T;229		2
F3B90	61	1	5	1	1		T;601	*šm;šmsw;šms*	9
F3B91	21	5				24	T;597	*šps;šms*	17
F3B92							T;599		2
F3B93	1					1	T;595	*šms*	6
F3B94							D;1081	*šms*	3
F3B95									
F3B96							D;1117		2
F3BA0							T;239	*ḳs*	2
F3BA1	1	1			2		T;241	*i͗3wty;bd;msn;ḳs;tr/twr*	9
F3BA2							T;235		2
F3BA3				1			T;243		10
F3BA4						1	T;237	*ḳrs;ḳs;gn*	11
F3BA5	7						T;253	*tr*	4
F3BA6							T;259		2
F3BA7							T;245	*bd;msn;ḳs;twr;tr*	2
F3BA8	9	1				2	T;247	*msn;twr*	7
F3BA9				1			T;255	*tr*	4
F3BAA							J;81	*tr.f*	2
F3BAB	126	8	3	1			T;249	*i͗3t;ib;b;bd;msn;šmsw;ḳrs; ḳs;ḳsn;gn;tr*	12
F3BAC					17	80			6
F3BAD	36			3			T;263	*tr*	7
F3BAE					2		T;251	*i͗3wty;msn;gnwt;twr*	5
F3BAF									
F3BB0							T;257		2
F3BB1	1								3
F3BB2	1								3

Index	Vote	Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP
F3F54										
F3B80										
F3B81										
F3B82										
F3B90			Y		I cannot verify PT 392d (T), sethe column 236 with an image, but looks like T17A in Sethe (needs verification with squeeze).					
F3B91										
F3B92										
F3B93	Y	insignificant variant (1% of T018)	N	DIFF	If T18A is insignificant, I could say the same of T74, even though it has a slightly more graphical aspect, but has the same 1% .					Acccepted because of the limited number of graphical variants
F3B94										
F3B95										
F3B96										
F3BA0										
F3BA1	N	cf. T019=T19B	Y?	DIFF	I am not sure how valuable it is to have all T19 variants in Unicode.					
F3BA2										
F3BA3		cf. T19A, T019; Gardiner's shape of T19								
F3BA4										
F3BA5	N	cf. T76B;T77	Y?	DIFF	it is to have all T19 variants in Unicode. Edfu VIII, 152,16, Edfu XIV, pl. DCLXXVI is a variant without the line at the circle. I could not verify this sign with an image, but might be there in Dendera XI, 91,2, pl. 69 (damaged). Edfu VIII, 9,13, photo 0025 has a variant with two ticks at the circle (add as TSL class).					
F3BA6										
F3BA7										
F3BA8	N	cf. T019	N?		I am not sure how valuable it is to have all T19 variants in Unicode.					
F3BA9		cf. T76, T76A	N?		I am not sure how valuable it is to have all T19 variants in Unicode. I have no idea where this grapheme is supposed to be attested.					
F3BAA										
F3BAB	Y	HG's shape of T19	Y		All PT tokens should have been read as T20 (which fits, as it is the OK form of T19, or Hiero/Jsesh T19B, based on tokens from Unas already encoded in the TSL).					1 curl
F3BAC	Y	cf. HG T19, T019; JSesh'c shape of T19	Y?		Double curl occurs, based on TSL tokens, althought these could be understood as T19C as well. Hieroglyphica number should be moved to the correct grapheme in TSL (currently both on the Jsesh form).					2 curls
F3BAD	N		Y		I am not sure how valuable it is to have all T19 variants in Unicode.					
F3BAE	N	cf. JSesh T19	Y?	DIFF	it is to have all T19 variants in Unicode. It could be argued that the TSL tokens of T19 (Jsesh) are actually T19C.					
F3BAF										
F3BB0										
F3BB1										
F3BB2										

Index	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F3F54	Y/i	Esna VII 620,00, p. 195,11	Y (in core)		Y				A scimitar (khopesh), written vertically, blade curving forwards, with the handle resembling a one-	Logogram qni (to be strong, brave, capable).	Verified by Peter Dils. Esna variant of F3B71 (T16A). Should be moved to category T10. scimitar.				
F3B80	Y/i	TSL	Y (v5.2)		Y				A chariot.	Logogram wrr.t (chariot).					
F3B81			N (manual)	N	N						Not a meaningful variant of F3B80 (T17). (See PhD thesis Renaud Pietri for more variants)				
F3B82			N (manual)	N	N						Not a meaningful variant of F3B80 (T17). (See PhD thesis Renaud Pietri for more variants)				
F3B90	Y/i	Dendera X, p. 289,3, pl. 169, col. 24.	Y (in core)		Y				A shepherds crook with a package lashed to it, with the top tie replaced by a knife (T30A).	Logogram Sms (to follow).					
F3B91	Y/i	TSL	Y (v5.2)		Y				A shepherds crook with a package lashed to it, with a tie above and below the package.	Logogram Sms.w (follower, retainer).					
F3B92			N (auto)		N						No sources given.				
F3B93	Y/i	TSL	Y (in core)		Y				A shepherds crook with a package lashed to it, with a tie above the package.	Logogram Sms.w (follower, retainer).					
F3B94	Y/i	Reliefs and Inscriptions at Luxor Temple 1, OIP 112, Chicago 1994, pl. 76/85, columns at the left of the rightmost boat, leftmost column, pl. 81.	Y (in core)		Y				A shepherds crook with a package lashed to it, with the top tie replaced by a knife (T30A), on top of legs in a walking posture, feet orientated towards the reading direction (D54)	Logogram Sms (to follow).	Valeurs refers to Loret (i.e., no source).				Yes
F3B95			N (auto)		N						No sources given.				
F3B96			N (auto)		N						No sources given.				
F3BA0			N (manual)	N	N						Practically a duplicate of F3BA1 (T19A).				
F3BA1	Y/i	TSL	Y (in core)		Y				A harpoon-head with two horizontal strokes on top and a two angled strokes as point.	Classifier stalk, reed.	Not valuable to include all T19 variants in Unicode.			Yes	
F3BA2			N (auto)		N						No sources given.				
F3BA3	Y/i	TSL	Y (v5.2)		Y				A harpoon-head with two horizontal strokes on top and an angled stroke below a curl as	Classifier bone (Abw).					
F3BA4	Y/i	TSL	Y (v5.2)		Y				A harpoon-head with one horizontal stroke on top, and two angled strokes as point.	Classifier harpoon (qs).					
F3BA5			Y (>=D,JSeh/HG)		N						Not valuable to include all T19 variants in Unicode. JH-D tokens use a variant with two ticks at the bottom (Dendera XI, p. 123,14, pl. 85, right image, second scene from above, in front of Hathor.		JSesh T76A and T77 same		
F3BA6			N (auto)		N						No sources given.		~~~		
F3BA7			N (manual)	N	N						Duplicate of F3BA8 (T79).				
F3BA8	Y/i	Edfu VIII, 73,4, Bartels photo 0088.	Y (in core)		Y				A harpoon-head with two horizontal strokes on top, and triangular point.	Phono-repeater twr.	Not worthwhile to include all T19 variants in Unicode.			Yes	
F3BA9			Y (in core)		Y				A harpoon-head with two horizontal strokes on top, and triangular point on top of a circle.	Phonemogram tr.	Valeurs token (Edfu VI, p. 346,2) could not be verified with an image, and is F3BA5 in the transcription of Chassinat. *Construct sign for F3BAA (T77).*				Yes
F3BAA	Y/i	Edfu VII, p. 120,4	N (manual)	N	N				A horned desert viper (Cerastes cerastes) (I9), written over a harpoon-head with two horizontal strokes on top, and triangular point on top of a circle	Phonemogram tr=f.	Overlay. Valeurs token (Edfu VII, 120,4) is not clear enough on my image (Bartels, photo (wall) 352), could in my image be P82 as well.		JSesh T77 is like T76A		No/No
F3BAB	Y/i	KIU 4229, line 14.	Y (in core)		Y				A harpoon-head with two horizontal strokes on top and a single curl on top of the point .	Phono-repeater twr.					
F3BAC	Y/i	TSL	Y (in core)		Y				A harpoon-head with two horizontal strokes on top and two curls on top of the point .	Phonemogram msn.					
F3BAD	Y/i	Dendera V, 7,10, pl. CCCXXXIII (bandeau).	Y (in core)		Y				A harpoon-head with two horizontal strokes on top and a single curl on top of the point (T19), on top of a circle.	Phonemogram tr.	One of the T76 variants should be added in Unicode. (and this one seems the most common).				
F3BAE	Y/i	Edfu VIII, 112,3, Bartels phot 0154	Y (in core)		Y				harpoon-head with two horizontal strokes and two angled strokes on top of the point	Phonemogram qs.	Not worthwhile to include all T19 variants in Unicode.			Yes	
F3BAF			N (manual)	N	N		F3BAE				Practically a duplicate of F3BAE (T19C). No sources given.		near dup T19C		
F3BB0			N (auto)		N						No sources given.				
F3BB1	Y/i	Dendera X, p. 244,12, pl. 141 (bottom image, rightmost column).	Y (in core)		Y				A harpoon-head with two horizontal strokes on top and a single curl on top of the point (T19), on top of a plan of a crossroads in a village (O49).	Phonemogram tr.					
F3BB2			N (auto)		N						Kurth/JH-D token (Dendera X, p. 250,9, pl. 143 (top image, bandeau) is not clear enough to recognise this sign (sign is too weathered).				

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sta	GID	HG	HGx	Down	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikev	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F38B3	T-13-020				A			T21A	T21A			T21A	44	1		42	1	1_5875			208;3	422;12	17;39							66	1	4	5		15	T;337		13
F38B9	T-13-021				E			T21F					2			2																					1
F38B4	T-13-022				B			T21B	T21B			T21B	24			24		1_5876			208;3	422;13	17;39							33	2	2	9			T;335		10
F38B5	T-13-023				F			T164		T164			1																	1								1
F38B6	T-13-024				F																	422;14														T;339		2
F38B7	T-13-025				A			T21D	T21D			T21D	44			42	2	1_5878			208;3	422;15								209	2	3	8	1	3	T;343		12
F38B8	T-13-026				C			T11C	T11C			T11C																		1					3			2
F38B9	T-13-027				F			T21G														423;1														T;345		2
F38BA	T-13-028																					423;2														T;341		2
F38BB	T-13-029				B			T21C	T21C			T21C	9			2	7	1_5877				423;4								2					1	T;347		7
F38BC	T-13-030				F																	423;5														T;351		2
F38BD	T-13-031			13321				T21	T21			T21	2752	128	1138	1443	43	1_5869_00	T21	T021		423;6	172;25	17;39	T;3100		866;5								23	T;357		14
F38BE	T-13-032				B			T21v	T21v			T21v	20			20		1_5869_01											T021A								3
F38BF	T-13-033																					423;8														T;353		2
F38C0	T-13-034					S																423;9														T;355		2
F38C1	T-13-035				B			T21E	T21E			T21E	72			72						423;10	17;39								2					T;349		5
F38C2	T-13-036				E			T111	T111			T111									214;3									2						T;348		3
F38C3	T-13-037																					423;11														T;361		2
F38C4	T-13-038																					423;12														T;359		2
F38C5	T-13-039				C			T80	T80			T80									213;1	423;13				1447;2	867;15			1						T;331		6
F38C6	T-13-040				B			T80B	T80B			T80B	13			9	4					423;14			T;2400	1447;4									T;329		8
F38C7	T-13-041						20	T80P												T080P																	1
F38C8	T-13-042						20	T80Q												T080Q																	1
F38C9	T-13-043				F			T80R												T080R		423;15														T;333		3
F38CA	T-13-044				B	S		T80A	T80A			T80A	29			29										1447;3												2
F38CB	T-13-045						18	T80S												T080S		490;12																2
F38CC	T-13-046						18	T80T												T080T		490;13																2
F38CD	T-13-047					S		T127	T127			T127																										2
F38CE	T-13-048			13322				T22	T22			T22	1791	581	206	897	107	1_5881_00	T22	T022		423;16	17;36	T;3600		866;6								1	6	T;327		14
F38CF	T-13-049				B	S		T22h	T22h			T22h	8	7		1									T;2300				T022A								4
F38D0	T-13-050				E			T22C	T22C			T22C	2			1	1																					2
F38D1	T-13-051				C			T22E										1_5881_02		T022E																		2
F38D2	T-13-052				A			T22A	T22A			T22A	793			429	304	60	1_5881_03			209;1	424;1	172;23	17;36					T022E	315	13	10	14	67	179	T;371		16
F38D3	T-13-053				B			T22B	T22B			T22B	32			1	23	8	1_5881_04			209;2	424;2	172;24	17;38							8		3		24	T;375		12
F38D4	T-13-054			13323				T23	T23			T23	76	1	29	19	27	1_5881_01	T23	T023		424;3			T;3601		866;7									T;373		11

Vote DW (0; 1;2;3;4;5;6)	Comment DW	Vote DW Core (2021)	DW differentiality	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiality	Comment SP
	same position as T21D/E	Y							
				I have no idea where this is attested.					
									mirrored+rotated version of T21A
	rotation	N		Rotated+mirrored.					
	cf. T21E	Y							
	cf. T21D; taken in TSL also similar to T21D	N		Due to the orientation of the curl, the sign is not the same as T21D. However, I think a rotated T21D could suffice for unicode (variation seems to be graphical only, not functionally).					
		N							
	cf. T21D	N	DIFF	An tokens are from P. Munro (Bot0), and are T21D (the unusual end-piece is not there, overrepresentation of a slight downward movement in the end-piece in the cursive script, not an intentional feature).					
	rotated version od T80A; cf. T21A	N	DIFF	Based on T21, T21A and T21D, I would argue to use the horizontal form as standard base for Unicode rotations.					
	cf. T21B	Y	DIFF	Based on T21, T21A and T21D, I would argue to use the horizontal form as standard for Unicode rotations.					
	rotated version of T022	N		Rotation. I am not convinced any of the PT tokens are this sign. In my opinion an toxens are better represented by TSL_1_5881_02. Maybe worthwhile to replace T22C grapheme with that?					rotated
		Y							
	cf. T22D	Y	DIFF						
				Border between T23 and T22B can be rather vague in the TSL tokens.					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
								A two-barbed harpoon, with a handle on the shaft, written horizontally.						
Y;I	TSL	Y (in core)		Y					Logogram wa (one, sole).					
		N (manual)	N	N						Not supported. Rotation (45°)		T21A|X310		
								A two-barbed harpoon, with a handle on the shaft, written vertically.						
Y;I	TSL	N (manual)	N	N		F38B3			Classifier weapon (wa.w).	Mirrored and rotated form of F38B3 (T21A).				
								A two-barbed harpoon, with a handle on the shaft, written vertically, on top of a half-[illegible]						
Y;I	Dendera XIII, p. 85,8.	Y (in core)		Y					Logogram wa.t (one, sole).	verrenx ny rexer ιιns. JH-D token (Dendera XIII, p. 85,8) could not be verified with an image.				
		N (manual)	N	N						Practically a duplicate of F38B7 (T21D).				
								A two-barbed harpoon, with a handle and curl on the shaft, written horizontally.						
Y;I	TSL	Y (in core) + (=D_ISeh/WG)		Y					Logogram wa (one, sole).					
				N						No sources given.				
								A two-barbed harpoon, with a rectangle and and angled line on the shaft, written horizontally.						
Y;I	KIU 4209, line 1	Y (in core)		Y					Logogram wa (one, sole).	Occurs, but I doubt it is a meaningful variant for Unicode.			Yes	
		N (auto)		N						No sources given.				
								A two-barbed harpoon, with a rectangle and and a curl on the shaft, curling towards the shaft, written vertically.						
Y;I	TSL	Y (in core)		Y					Logogram wa (one, sole).	Not a meaningful variant of F38B7 (T21D), (the curl in the opposite direction)			Yes	
										weaxngxesx variant of F38BD (T21). (barb of the tip upward, not downards).				
		N (manual)	N	N										
								An one-barbed harpoon, with handle, written horizontally.						
Y;I	TSL	Y (v5.2)		Y					Logogram wa (one, sole).					
								An one-barbed harpoon, with handle, written vertically.						
Y;I	TSL	N (manual)	N	N					Logogram wa (one, sole).	Rotated form of F38BD (T21).				
								An one-barbed harpoon, with handle and an upwards angled line behind the handle, written with the harpoon-head towards the back.						
Y;I	TSL	N (manual)	N	N					Logogram wa (one, sole).	Not a meaningful variant of F38BD (T21). (In TSL under T21). Note that all TSL tokens have the same orientation as F38BD (T21).				
		N (manual)	N	N						rotated variant form of F38BD (T21), not a semographical variant.				
								A two-barbed harpoon, with a handle and curl on the shaft, with a bowl-like curved section at the end, written horizontally.						
Y;I	KIU 4285, line 15.	Y (in core)		Y					Logogram wa (one, sole).					
										XIV, p. 12,15; 13,2) verified by Peter Dils, are a mirrored form of M3. KIU 5411, line 9 and 18 are a separate variant. Cauville token (Dendera XI, p. 224,2, pl. 195 (Dandeau) could be this sign, or F38C1 (T21E), based on my image.				
		N (auto)		N										
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
								An spear, arrow without fletching or a harpoon without handle, written vertically, tip upwards.		Rotated form of F38C6 (T80B), based on T21, T21A and T21D I would only includeT80B, to give a consistent form.				
Y;I	Dendera IV, p. 13,5, pl. CCLV (drand).	Y (in core)		Y					Logogram wa (one, sole).				Yes	
								An spear, arrow without fletching or a harpoon without handle, written horizontally.						
Y;I	KIU 1002, line 31 (near the end).	Y (in core)		Y					Classifier lance, spear (nnw.y).					
										Arrow depicting reading direction. Should be marked clearly as distinct from F38C6 (T80B).		T80P,Q,R,S,T are a set		
		N (manual)	N	Y						Arrow depicting reading direction. Should be marked clearly as distinct from F38C6 (T80B).				
		N (manual)	N	Y						Arrow depicting reading direction. Should be marked clearly as distinct from F38C6 (T80B).				
		N (manual)	N	Y										
								An spear, arrow without fletching or a harpoon without handle, written vertically, tip downwards.						
Y;I	P. Bremner-Rhind, BM EA 10188,7, col. 22,9.	N (manual)	N	N		F38C6			Classifier spear, harpoon (mabA).	Rotated form of F38C6 (T80B).				
		N (manual)	N	Y						Arrow depicting reading direction.				
		N (manual)	N	Y						Arrow depicting reading direction.				
		N (manual)	N	N						Overlay. No sources given.				
								A two-barbed arrow-head, with the point facing						
Y;I	TSL	Y (v5.2)		Y					Phonemogram sn.					
		N (manual)	N	N						Rotated form of F38CE (T22).				
		N (auto)		N						Not verified.				
								A two-barbed arrow-head, with the point facing downwards, in the ground, resembled by a half-circle.						
Y;I	TSL	Y (in core)		Y					Phonemogram sn.					
								An two-barbed arrow-head, with the point facing downwards, in the ground, resembling a half-circle, with only the barbs						
Y;I	KIU 2036, line 3/4.	Y (in core)		Y					Phonemogram sn.					
								An two-barbed arrow-head, point facing downwards, in the ground, resembling a cartouche in the round form (V9), with only the barbs visible.		Not a meaningful variant for Unicode. Icon usually be covered by F38D4 (T23), however, F38EA would support its inclusion, for the overlay.				
Y;I	TSL	Y (in core)		Y					Phonemogram sn.				Yes	
								A rounded two-barbed arrow-head, with the point facing downwards.						
Y;I	TSL	Y (v5.2)		Y					Phonemogram sn.					

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | VP Val ValPhor | Weight | Vols | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG Duplicate of F38D3 (T228). | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vols | Comment DW | Yote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caur | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unlker	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight	Vols	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
F3C75	T-18-006				F	S																337;13													T;541	2										
F3C76	T-18-007				D			T95C											T095C	213;6	428;4		17;55a													N;665	5										
F3C77	T-18-008							T95A	T95A			T95A											17;55														1										
F3C78	T-18-009				C			T95	T95			T95								213;6	428;5	172;6	17;55							1						N;667	6										
F3C79	T-18-010				C			T95B	T95B			T95B	1		1						428;6		17;55							4						N;669	5										
F3C7A	T-18-011					S		T96	T96			T96									428;7															T;567	2										
F3C7B	T-18-012					S		T97	T97			T97									428;8															T;553	2										
F3C7C	T-18-013				B	S		T97A	T97A			T97A											17;54								15				21	T;554	4										
F3C7D	T-18-014				C	S		T98	T98			T98									428;9													4	T;555	3										
F3C7E	T-18-015				F			T99	T99			T99									428;10															F;609	2										
F3C7F	T-18-016							T104	T104			T104																																			
F3C80	T-18-017					S		T30C													428;11																1										overlay but I am a bit concerned about the difficulty of getting a good rendering. Hence monogram approach might be better.
F3C81	T-18-018				B			T100	T100			T100	9		9					180;4		172;6	11;9		M;0650					14				3	M;61	8	Y	likely monogram , no functional overlay	Y	DIFF	for xt-ds (some type of tree), so technically a overlay (as it is simply two existing functions of both signs).					
F3C82	T-18-019				B			T100A		T100A																				10		3	1			3										
F3CA6	T-18-020				F			E5161		E5161																				1						1										
F3C83	T-18-021				F																428;12														O;1511	2										
F3C84	T-18-022																				428;13														O;1515	2										
F3C85	T-18-023				B			T101	T101			T101	12		12					180;5	428;1	172;7	17;49				868;5								1	O;1513	8	N		Y	DIFF	Beleg 1-2, 4 are T102 (upwards lines at the base). In Beleg 3 the image is too poor to see (Edfu VIII, 169, 16, photo T012). The closest example of this grapheme I found in P. Turin (BoID, chapter 15, col 31, but even there I could argue there are the upwards ticks with the base. I am not sure if this grapheme really exists intentionally, or if it is simply a poor form of T102.					
F3C86	T-18-024				B			T102	T102			T102	27		26	1				180;6	428;15		17;49							42	3			1	O;1803	9			Y		One of the TSL tokens for T29 is actually T102.					
F3C87	T-18-025				F			T102A	T102A			T102A											17;49													O;1807	2										
F3D07	T-18-026				F			N78	N78			N78									272;14		12;63													N;487	3					Esa candidate, Edfu VIII, 34,10, photo 0049. (title and recitation, column 3). Note that the grapheme should be adjusted, the lower part should be formed based on F41/F41A/F43, not the current shape					
F3C88	T-18-027				B			T103	T103			T103	14		14					214;1	428;1	162;12	4;87 17;53							23	1	2	1		T;549	10			Y	DIFF							
F3C8E	T-18-028				F			T103B											T103B		429;4														F;585	3										
F3C8D	T-18-029				F																429;3														F;583	2										

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG Explanation of the Aa.2 (T30B) and based on the valeurs functions, commonly misused for Aa28.	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
		N (manual)	N	N										
Y/i	Dendera X, p. 299,6, pl. 172, col. 32.	Y (in core)		Y				A knife with a triangular blade and a straight handle (T30A), written horizontally, on top	Logogram ds (flint, in ds-km, obsidian).	Note that in the source the oval is more of a rectangle.				
Y/i	Esna II, 14,10, p. 33,11.	Y (in core)		Y				A knife with a triangular blade and a straight handle (T30A), written inside an oval.	Logogram xt (to carve, to enscribe, to engrave).	Kurth token (Esna II 14,10, p. 33,11) could not be verified with an image.				Yes
Y/i	Dendera XI, p. 143,3, pl. 107, top image, bandeau; Edfu V, p. 6,3.	Y (in core)		Y				A knife with a triangular blade and a straight handle (T30A), written at an forward angle, blade forwards, on	Logogram xt (to carve, to enscribe, to engrave).	Edfu V, p. 6,3 was verified with image from Philipp Seyr.				
Y/i	Edfu VIII, 112,3, Bartels photo 0154.	Y (in core)		Y				A knife with a triangular blade and a straight handle (T30A), written at an forward angle, blade forwards, on top of an oval with three angled lines	Logogram xt (to carve, to enscribe, to engrave).	**Redrawn in place.** (Redrew based on F3C78 (T95), but with three lines. All JH-D tokens are not T93B, but T95C.)		redrawn in place		
		N (auto)		N						no sources given.				
		N (manual)	N	N						Technically an overlay. Overlay. No sources given.				
Y/i	Esna VII 573,13, p. 71,6	N (manual)	N	N				A knife with a triangular blade and a straight handle (T30A), written over a forked pole for supporting a roof	Phonemogram/logogram xb (to rebel).	Overlay. Verified by Peter Dils.				
Y/i	Athribis II/2, D3,17/21 (p. 554, p. 144, 148).	N (manual)	N	N				A knife with a triangular blade and a straight handle (T30A), written over a throwing-stick, or a club used by foreign	Classifier enemy (xft.ye)	Technically an overlay. Verified by Peter Dils. I currently have no access to Athribis D3,17/21; I1,109. Verified by Peter Dils, note that the original is a bit more interesting, going over the lower line of the Aa15, and under the upper line. Valeurs token (Edfu VI, p. 308,3) could not be verified with an image, as these columns are not visible on Edfu XIV, pl. DLVIII-DLIX.				
Y/i	Edfu VI, p. 308,3.	N (manual)	N	N				A knife with a triangular blade and a straight handle (T30A), written over a representation of two ribs, written parallel (Aa15).	Phonemogram dm.					
		N (auto)		N						No sources given.				
Y/i	Dendera X, 300,13, pl. 173.	N (manual)	N	N				A knife with a triangular blade and a straight handle (T30A), written vertically, blade towards the front, over a branch, written horizontally (M3).	Phonemogram xt-ds.	Overlay.		thup P88		
Y/i	Edfu VIII, 137,4, Bartels photo 0187; Dendera XI, p. 144,8, pl. 114 (bandeau).	N (manual)	N	N				A knife with a triangular blade and a straight handle (T30A), written angled forwards, blade towards the front, over a branch, written horizontally (M3).	Phonemogram xt-ds.	Overlay, if possible.			No/No.	
Y/(i)	Dendera Porte d'Isis, p. 20,13, pl. 30.	N (manual)	N	N				A knife with a triangular blade and a straight handle (T30A), written over a branch, written	Logogram xt (to carve, to enscribe, to engrave).	Overlay. Token is not that clearly visible. Only reason for atomic inclusion would be to make it render more nicely.			No/No.	
Y/i	Esna VII 620,00, p. 195,8	N (manual)	N	N				A door-bolt (O34), written over a knife with a triangular blade and a straight handle (T30A).	Phonemogram ds.	Technically an overlay, but might be necessary to add atomically, in order to be sure it renders correctly. Verified by Peter Dils. Duplicate of F3C86 (T101).			No/No.	
		N (manual)	N	N										
		N (auto)		N						No sources given.				
		Y (=O_ISeh/WG)		N						All sources would be better served with F3C86 (T102).				
Y/i	Dendera X, p. 94,13, pl. 69 (col 11).	Y (in core)		Y				A knife with a triangular blade and a straight handle (T30A), on top of a round-topped butchers block, with a base with upstanding	Classifier place of execution (xb.t).	Dendera Porte d'Isis, p. 6,15, pl. 20 is a variant.				
Y/i	Dendera VI, 154,4, pl. DXCI	Y (in core)		Y				A knife with a triangular blade and a straight handle (T30A), on top of a round-topped butchers block, with netting as internal decoration, with a base with	Logogram xb.t (place of execution).	Exists, but not a meaningful variant of F3C86 (T102). Could have been nm.t (place of slaughter) as well.			Yes	
Y/i	KIU 2303, line 2.	Y (in core)		Y				A knife with a triangular blade and a straight handle (T30A), on top of a butchers block, with the base of the block resembling the hill country over the edge of the cultivated areas	Logogram nm.t (place of slaughter).	Note that there is no internal detail in the block in the original. **Moved.** (Move this sign to category T1B. Knife (near F3C86 (T102) of which it is a variant).)		moved		
		N (manual)	N	N		F3C8E				**Redrawn as F3C8E.** (Redraw section below the knife to look like F43. (i.e., F3C8D).)		redrawn to look like IFAO/VP		
Y/i	Edfu VIII, 34,10, Bartels photo 0049 (title and recitation, col. 3).	Y (in core)		Y				A knife with a triangular blade and a straight handle (T30A), on top of ribs of beef	Logogram Sat (butchery, slaughter).	Redrawn form of F3C88. Practically a duplicate of F3C88 (T103).		redraw of actual token for T103		
		N (manual)	N	N										

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikeı	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
F3C89	T-18-030																					429;1													N;687	2
F3C8A	T-18-031							T138	T138			T138												17;53											T;552	2
F3C8B	T-18-032																					429;2													T;551	2
F3C8F	T-18-033							T103A	T103A			T103M										429;5		17;53											F;587	3
F3C9D	T-18-034																					429;6													T;547	2
F3CA8	T-18-035				F			ES060		ES060																				1						1
F3C8C	T-18-036				F			T141		T141										T141										1						2
F3CA7	T-18-037				F	S		ES162		ES162																				1						1
F3C91	T-18-038							T31	T31																												
F3CA9	T-18-039			1332B				T31B				T31	368	23	182	156	7	1_5919	T31	T031		429;7			T;5500		867;3									T;585	
F3C92	T-18-040				C			T31A	T31A			T31A	5	4		1						429;8													T;583	4
F3C93	T-18-041				F																	429;9													T;581	2
F3C94	T-18-042			1332A				T30	T30			T30	1407	52	503	825	27	1_5916	T30	T030		429;10		17;51	T;5300		867;1			1				2	T;577	14
F3C95	T-18-043																					429;11													T;575	2
F3C96	T-18-044				F																	429;12													T;571	2
F3CAA	T-18-045							T30D																													
F3C97	T-18-046					S		T105	T105			T105										429;13													T;573	2
F3C98	T-18-047				B			T29C	T29C			T29C	10			10						429;14													T;515	3
F3C99	T-18-048			13329				T29	T29			T29	19		2	17		1_5911	T29	T029			172;7	17;49	T;5100		866;15								T;519	10
F3C9A	T-18-049				C			T29A	T29A			T29A	4			4											866;16								T;521	3
F3C9B	T-18-050				E			T29B	T29B			T29B												17;49											T;523	2
F3C9C	T-18-051				C			T145										1_6985																		1
F3C9D	T-18-052			1324E				NU22		NU22	NU22									Nu22	NU022															2
F3C9E	T-18-053							NU22A		NU22	NU22								NnU22*																		1
F3CA8	T-18-054			1324F				NU22B													NU022A																
F3C9F	T-18-055							T32	T32														172;5	2;97									1				3
F3CAC	T-18-056			1332C				T32C				T32	142	21		93	28	1_5921	T32	T032		429;15			T;5600		867;4								3	D;1083	11
F3CA0	T-18-057				F																	429;16													D;1085	2
F3CA1	T-18-058																					430;1														1
F3CA2	T-18-059																					430;2														1
F3CA3	T-18-060																					430;3													D;1105	2
F3CA4	T-18-061				C			T32B	T32B			T32B	6			6						430;4													D;1049	3
F3CA5	T-18-062							T32A	T32A			T32A										430;5													D;1080	2
T10. Sharpener; butcher's knife																																				
F3CB0	T-19-001			13330				T34	T34			T34	701	58	254	353	36	1_5926_00	T34	T034		430;6		17;58	T;5700		867;6								T;587	12
F3CB1	T-19-002							T34A														430;7							T034A						T;589	3

Index	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F3C89												N (auto)		N						No sources given.				
F3C8A												N (auto)		N						xurrn merges as r.uu variants together, none of his sources seem to be this sign.				
F3C8B												N (auto)		N						No sources given.				
F3C8F										Y/I	Edfu IV, p. 57,12.	Y/R (in core)		Y/R				A knife with a triangular blade and a straight handle (T30A), with the tip of the knife on top of stack of ribs, on top of an upside down cone (F41C), angling forwards, blade	Logogram Sat (butchery, slaughter).	Verified by Peter Dils. Redraw in place, flipping the knife with blade upwards instead of downwards. Kurth token (Edfu IV, p. 57,12) could not be verified with an image.				Redraw in place.
F3C90												N (auto)		N						No sources given.				
F3CA8										Y/I	Esna VII 580,08, p. 89,1	Y (in core)		Y				A knife with a triangular blade and a straight handle (T30A), on top of a round-topped butchers block, with the vertical lines of the base extending to the same hight as the top of the	Logogram nm.t/sb.t (place of execution).	Verified by Peter Dils. Sign exists (functionally F3C8E (T102), but I am not sure if it is a meaningful variant for Unicode.			Yes	
F3C8C										Y/I	Dendera XI, p. 70,1, pl. 76 (bandeau).	Y (in core)		Y				A knife with a triangular blade and a straight handle (T30A), on top of a wickerwork basket (V30).	Logogram sti (to carve, to enscribe, to engrave).	Function might be stnw instead (see Kurth, p. 401, nr. 185).				
F3CA7										Y/I	Esna VII 620,00, p. 195,8	N (manual)	N	N				A wickerwork basket with a handle, orientated with the handle to the back (V31), written over a knife with a triangular blade and a straight handle (T30A).	Phonemogram dsk.	Peter Dils (in the original it is much more an overlay than this sign suggest, should create no issues to create it with control characters). Function is a guess.				
F3C91										Y/I	TSL	N (manual)	N	N	F3CA9			A knife sharpener with a rounded body and a loop at the back.	Phonemogram s5m.	redraw handle as loop.		knife sharpener	Redraw in new row.	
F3CA9										Y/I	TSL	Y (v5.2)		Y				A knife sharpener with a rounded body and a loop at the back.	Phonemogram s5m.					
F3C92	Could not verify the shape	Y	DIFF	(see PT 214c (U), Piankoff pl. 54) an variant of T30 at best, not T31A. TLA token (ZAS 64, 113 (pl. IV, bottom line) looks like a normal T31 to me.					N			Y (n=0_JSeh/WG)		N						Could not be verified.				
F3C93												N (manual)	N	N						Practically a duplicate of F3C94 (T30).				
F3C94										Y/I	TSL	Y (v5.2)		Y				A knife with a rounded blade and rounded handle.	Classifier cutting, slaughter (ds).			knife with a round handle		
F3C95												N (manual)	N	N						swrrorwa orrm or F3C94 (T30).				
F3C96												N (manual)	N	N						Practically a duplicate of F3C94 (T30).				
F3CAA										Y/I	Papyrus Ebers, column 92, line 20.	Y (in core)		Y				A knife with a rounded blade and rounded handle, with a dotted line of liquid coming from the blade.	Classifier stench (nT).	Found and verified by ASU project.				Additional row.
F3C97												N (manual)	N	N						Complex overlay. No sources given.				
F3C98	monogram , no functional overlay	Y								Y/I	Pepi I, P/Y/W inf. A 22 (PT 813d), use Berlin image.	Y (in core)		Y				A knife with a rounded blade and rounded handle (T30), written over a butcher's block (T28).	Logogram nm.t (place of slaughter).	Note that the knife is more horizontal in the source, and that the butchers block is technically of type F3CE2.				
F3C99				TSL is actually this grapheme, which was remarkably difficult to locate, as T29B and T29C are much more common (beside T101 and T102). The token Gardiner refers to (KU 944, line 22) is now exactly damaged where this sign used to be.							Barguet, Temple d'Amon-Re, p. 128 (Photo 53677 des Fonds Barguet); Mariette, Karnak. Planches 1875, Taf. 16, 2. 32.	Y (v5.2)		Y				A knife with a rounded blade and rounded handle (T30), written on top of a butcher's block (T28).	Logogram nm.t (place of slaughter).	Verified by Peter Dils.			Yes	
F3C9A	cf. T029	N?		The tokens I could verify were T102.								Y (n=0_JSeh/WG)		N						I could not verify any tokens.				
F3C9B												N (auto)		N						I have not yet seen able to find this specific form.				
F3C9C										Y/I	TSL	Y (in core)		Y				A knife with a rounded blade and rounded handle (T30), written over a beer-jug (W22).	Phonemogram ds.	Rare sign, and is probably possible through overlay.			Yes	
F3C9D				Could not yet locate a token. Gardiner (1953) does not provide an location of origin.								Y (v5.2)		Y					Logogram mdn.t (22th nome of Upper Egypt).	No sources given. Inclusion in corr based on principle, not verification.			Yes	
F3C9E				Is this supposed to represent a form of KU 1128, line 20?								N (auto)		N	F3CAB				Logogram mdn.t (22th nome of Upper Egypt).	I was not asle to locate where Gardiner took this sign from. The closest one I know of is in KU 1128, line 20, where there is a X1 behind what looks			Redraw in new row.	
F3CA8												Y (v5.2)		Y					Logogram mnn.t (22th nome of Upper Egypt).					
F3C9F				Two of the TSL tokens are actually more like T140, although the Montuhotep token might be the origin of T32B, even though its tip is a lot sharper.								N (manual)	N	N	F3CAC					redraw handle as loop.			Redraw in new row.	
F3CAC										Y/I	KIU 944, line 47.	Y (v5.2)		Y				A knife sharpener with a rounded body and a loop at the back (T31), on top of legs in a walking posture, feet orientated towards the reading direction (D54)	Phonemogram s5m.					
F3CA0												N (manual)	N	N						Meaningless variant of F3CA0				
F3CA1												N (manual)	N	N						Practically a mirrored form of F3C9F (T32).				
F3CA2												N (manual)	N	N						Mirrored form of F3C9F (T32).				
F3CA3												N (manual)	N	N						Meaningless variant of F3CA0				
F3CA4	check shape, what is this composed of?	Y	DIFF	All TLA tokens are T140, and based on TSL tokens, T140 should be added here instead of T32B.								Y (n=0_JSeh/WG)		N						Should be covered by F3CB5 (T140).				
F3CA5												N (auto)		N						variant of r.s,sr (T32), beside no sources given in Valeurs.				
F3CB0										Y/I	TSL	Y (v5.2)		Y				A vertical slaughtering knife, with cup-shaped handle.	Classifier knife (nmz).					
F3CB1												N (manual)	N	N						swrrorwa norm or F3CB0 (T34).		T34\		

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sis | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Kamak | TSL | Gardi | Unike | Caur | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sis	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikev	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F3CF6	U-01-007			13336		S	U4	U4			U4	**S34**		129	363	42	1_6197_00	U4	U004				18;3			868;13								1			9
F3CF7	U-01-008				B		U44B	U44B			U44B	**3**			3							389;5								2	13					T;559		5
F3D02	U-01-009				F		H06701																									1					1
F3CF8	U-01-010				B	S	U44A	U44A			U44A	**1**			1			1_6201_01			220;9	389;6								13		2	6		2	T;561		9
F3CF9	U-01-011				B	S	U44	U44			U44	**37**			37			1_6201_00			220;9	389;7	172;46	17;56						48			2		1	T;563		10
F3CFA	U-01-012				F	S	U45	U45			U45	**1**			1							389;9														U;9		3
F3CFB	U-01-013				F																	389;10														T;557		2
F3CFC	U-01-014																					389;11														T;565		2
F3CFD	U-01-015				C	S	U120	U120			U120	**4**			4															1								2
F3CFE	U-01-016				E		U131	U131			U131																			1						D;1094		2
F3CFF	U-01-017						U132	U132			U132																											
F3D00	U-01-018				B	S	U135		U135																					11							1
F3D01	U-01-019				D	S	U136		U136																					3							1
U02. Hoe																																					
F3D10	U-02-001			13338			U6	U6			U6	**5483**	1307	330	1572	2274	1_6224_00	U6	U006	216;3	389;12	18;7	U;0200		868;15				213	11	12	4	100	138	U;19		19
F3D11	U-02-002				B		U6C					**12**			12							389;13						U006C										3
F3D12	U-02-003			13339			U6A			U6A		**9**			9		1_6224_00	U6*	U006A																			4
F3D13	U-02-004			1333A			U6B			U6B							1_6224_00	U6**	U006B																			3
F3D14	U-02-005																					389;14														U;21		2
F3D15	U-02-006			13338			U7	U7			U7	**3605**	80	1204	1638	683	1_6224_01	U7	U007	216;3	389;1	172;47	18;7	U;0201		869;1				62	11	12	10	10	98	U;23		20
F3D16	U-02-007				B		U7F					**22**			22							390;1																2
F3D17	U-02-008				F																	390;2														U;25		2
F3D18	U-02-009				C		U7B	U7B			U7B	**1**	1					1_6247			216;4	390;4	18;8	U;0230												U;29		7
F3D19	U-02-010			1333C			U8	U8			U8	**13**	1		11	1	1_6250	U8	U008		390;6	18;6	U;0210		869;3										U;13		11
F3D1A	U-02-011				B		U7C	U7C			U7C	**9**	9					1_6099_02						U;0240														3
F3D1B	U-02-012				C		U7E											1_6990		U007E																	2
F3D1C	U-02-013				B		U7A	U7A			U7A	**18**	7		11										U;0220	1447;16	869;2											5
F3D1D	U-02-014						U47	U47			U47											390;8														U;15		2
F3D1E	U-02-015						U48	U48			U48											390;9														U;17		2
F3D1F	U-02-016				A		U7D	U7D			U7D	**1**				1		1_6224_03			216;3									146	8	1	3			U;26		8
F470A	U-02-017				F		E5147		E5147																					1								1
U03. Grain measure																																					
F3D30	U-03-001				E		U49	U49			U49											390;10														U;87		3
F3D31	U-03-002				F		U49A	U49A			U49A											390;11														U;89		2

Vots	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
	monogram , no functional overlay	Y	DIFF	Beleg 3 is a slightly more angled variant of U44A. I would argue for an overlay, not monograph (knife classifier for smA, so could come after).					
	cf. U44	N		I would argue for an overlay, not monograph (knife classifier for smA, so could come after).					
	monogram , no functional overlay	Y	DIFF	I would argue for an overlay, not monograph (knife classifier for smA, so could come after).					overlay
				TLA token is U4/U5, not U45.					
				Insertion. Should not be included in TSL either, as it is simply a insertion.					
	mirrored version of U006	N		Mirrored.					mirrored
	«» rotated version of U006			Can be performed with rotated U7 as well.					
	mirrored version of U006			Can be performed with rotated+mirrored U7 as well.					
	mirrorea version of U007	N		mirrored.					mirrored
	token in TSL more loke U7C, i.e. variant of U006	?	DIFF	True, but U7C does not have the connecting rope. I doubt the exact orientation of the U6/U7 matters that much, but I can accept a graphical adjustment.					Should be hacking the ground.
				Similar to U17, but functionally distinct. U7B probably needs to become a class of U7C, based on the PT frequency					
				PT 978c (N), (sethe column 925) and 817a (N) (sethe column 41), which has a much more pronounced circle at the end (U7C replacing the land with an circle) Grapheme should be adjusted to reflect that. Beleg 1-9 and 11 are U8. Beleg 10 is U13.					for hbn and sim.
				Exists, but as it is a class of U7, we might want to keep it out of Unicode, as the variation is rather limited.					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
Y/i	TSL	N (manual)	N	N				A platform with a sloping front (Aa11), written above the blade of	Phonogram mAa.	ɪʏe-conɪɪo cnaracters artifact, should now be done through insertion.				
	Cairo JdE 48862+47086+47089, Victory stela Piye (Grimal 1981), Left side, col. 59							A knife with a triangular blade and straight handle (T30A), with the tip on the blade of a sickle (U1).	Logogram smA (to slay, to kill).	I consider this technically an overlay, but the formatting might require atomic encoding.			No/No.	
Y/i		N (manual)	N	N				A knife with a triangular blade and straight handle (T30A), with the tip on the blade of a sickle (U1), with handle towards the front.	Logogram smA (to slay, to kill).	Overlay if possible, otherwise atomic.		Horus 7,6	No/No.	
Y/i	Dendera, Porte d'Horus, p. 7,6, p. 88.	N (manual)	N	N				A knife with a triangular blade and straight handle (T30A), written vertically, blade towards the front, written over a sickle (U1).	Logogram smA (to slay, to kill).	Overlay.				
Y/i	TSL	N (manual)	N	N				A knife with a triangular blade and straight handle (T30A), written vertically, blade towards the back, written over a sickle (U1).	Logogram smA (to slay, to kill).	Overlay.				
Y/i	Edfu VIII, 111,11; 116,6, Bartels photo 0147.	N (manual)	N	N						Overlay. Not supported.				
		N (manual)	N	N						ɪn, p. ɪɪ, ɪv, ɪɪɪ could not be verified with an image.				
		N (auto)		N										
		N (auto)		N						No sources given.				
Y/i	Edfu VIII, 121,2, Bartels photo 0153 (krand).	N (manual)	N	N				A half round loaf of bread (X1), written above the blade of a sickle (U1).	Phonogram tmA.	Insertion.				
Y/i	Philae II, p. 186-187,4.	Y (in core)		Y				A sickle (U1), on top of legs in a walking posture, feet orientated towards the reading direction (D54).	Phonogram mA.	JH-D token (Dendera XIV, p. 101,7) could not be verified with an image.				
		N (auto)		N						No sources given.				
Y/i	Esna VII 552,10, p. 16,1	N (manual)	N	N				ɪwo eggs (ma) arranged horizontally, written above the blade of a sickle	Phonogram mA (in mAA, to see).	Insertion. Verified by Peter Dils. Eggs presumed to replace the pupils in mAA.		H8&H8&U2		
		N (manual)	N	N						ɪnsertion. wɪrror or F3D00.		H8|&H8|&U2|		
Y/i	TSL	Y (v5.2)		Y				A hoe with a rope connecting the two pieces, written at an angle.	Phonogram mr.	Technically with rotation, only F3D10 or F3D15 is needed.				
		N (manual)	N	N						Mirrored form of F3D10 (U6).		U6\		
		N (manual)	N	N						ɪʏe-conɪɪo cnaracter artifact of F3D15 (U7), should now be done through rotation.				
		N (manual)	N	N						ɪʏe-conɪɪo cnaracter artifact of F3D15 (U7), should now be done through rotation and mirroring.				
		N (manual)	N	N						not a meaningɪu variant of F3D15 (U7). No sources given.				
Y/i	TSL	Y (v5.2)		Y				A hoe with a rope connecting the two pieces, written horizontally.	Phonogram mr.	Technically with rotation, only F3D10 or F3D15 is needed.				
		N (manual)	N	N						Mirrored form of F3D15 (U7).				
		N (manual)	N	N						Not a meaningful variant of F3D15 (U7).				
Y/i	TSL	Y (in core)		Y				A hoe with a rope connecting the two pieces, written at an angle (U6), on top of a strip of land (N17).	Classifier hacking (xbss).	**Redrawn in place.** (Redraw sign using U6 instead of U7 (i.e., the hoe should be on a 45° angle).)		redrawn in place		
Y/i	TSL	Y (v5.2)		Y				A hoe without a rope connecting the two pieces.	Phonogram Hn.					
Y/i	Merenre, M/C med/W 78-79 (PT 1138a), MIFAO 140, fig. 20-21.	Y (in core)		Y				A hoe without a rope connecting the two pieces (U6), written at an angle, on top of a strip of land (N17).	Classifier hacking (xbss).	Is not yet in TSL (TSL_1_6099_02 is a different sign, variant of U17).		hoe or pick excavating a pool		
Y/i	TSL	Y (in core)		Y				A hoe with a rope connecting the two pieces, written at an angle (U6), on top of a strip of land, with three grains of sand written beneath it (N35).	Logogram xbs-tA (to hack the land).			hoe stuck in the land		
Y/i	Pepi II, PT 978c (Sethe column 925); PT 817a (Sethe column 41). See Berlin image.	Y (in core)		Y				A hoe without a rope connecting the two pieces (U6), written at an angle, on top of a circle.	Classifier hacking (xbss).	**Redrawn in place.** (Redraw sign with a much more pronounced circle, basically taking U7C and replacing the oval with an circle (D12 sized at least).)		redrawn in place		
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
Y/i	TSL	Y (in core)		Y				A hoe with a rope connecting the two pieces, with the frontal sections of the pieces crossing each other.	Phonogram mr.	Technically not a meaningful variant of F3D15 (U7), but occurs to often in Dendera to leave out. JH-E token (Esna VII 613,12, p. 174,12, verified by Peter Dils) is difficult to make out, reading is uncertain, and based on one of the images from Dils, I wonder if it is even one sign, but rather V23&Y1 or something else entirely.		Variant U7D	Wait	
		N (auto)		W										
										I currently have no access to Athribis C1,14; D2,12/17. Verified by Peter Dils, E5089 would fit just as well. ɪ could not locate on which text the sign mentioned in Drioton, ASAE 43, p. 346 was based.				
		N (auto)		N		F3D3F								
		N (auto)		N										

| Index | Catalog | Glyph | G-2021 | UC5 | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Sequence | Priorit | Sis | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sis	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val bit;bitby	Weight	Vots	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
F3D93	U-06-005			13344				U16	U16			U16	58	2	2	29	25	1_6094	U16	U016	217;2	393;1	173;4	18;16	U;1100	869;11				21	1	2		1	20	U;375		19				Beleg 1, Edfu VIII, 69,11, phpto 0083 has a variant based on Aa15, make into TSL class. Beleg 2, Edfu VIII,72,10, photo 0087 is poorly visible, but seems to be the same variant.					
F3D94	U-06-006				B			U16A	U16A			U16A	2			2					217;2	393;15		18;16						2	1	1			4	U;169		9									
F3D95	U-06-007							U16B	U16B			U16B																									bitr									
F3D96	U-06-008				F			U16D	U16D			U16D																								U;176		1			Yes						
F3D97	U-06-009							U133	U133			U133																																		
F3D98	U-06-010							U16C	U16C			U16C																																		
F3D9E	U-06-011				F			E5103		E5103																				1								1									
F3D99	U-06-012																				394;1															U;173		2				Sign cannot really be recognised in my images (Cairo CG 34001, line 7). Karnak database uses U16, which seems more likely based on what is visible.					
F3D9A	U-06-013				F			U61	U61			U61	1			1					394;2															U;171	bi	3									
F3D9B	U-06-014				F																394;3															U;177		2									
F3D9C	U-06-015							U122	U122			U122													Q;4110													1									
F3D9D	U-06-016							U126	U126			U126																																		
F3DA0	U-06-017							U140																																						
U07. Planted Pick																																					wbi Xg									
F3DB0	U-07-001			13346				U18	U18			U18	12	10		1	1	1_6099_01	U18	U018	394;4				U;1310	869;13										N;673	g	10									
F3DB1	U-07-002			13345				U17	U17			U17	405	7	179	202	17	1_6099_00	U17	U017	217;3	394;5	172;48	18;11	U;1300	869;12				8					8	U;71		16									
F3DB2	U-07-003				D			U17B		U17B											394;6									1	1					D;1139	prik;ukf;ge	4									
F3DB3	U-07-004				B			U17A		U17A											394;7									70	6	2	1			U;72	grg	6									
F3DB4	U-07-005							U17C													217;3	394;8														D;1141		3									
F3DB5	U-07-006				E			U62	U62			U62										394;10				1448;5										N;603	wbi t	3									
F3DB6	U-07-007				B			U119	U119			U119									222;6		12;7b							3	1		2	2	2			7									
F3DB7	U-07-008							U17D																																						
U08. Adze																																													
F3DC0	U-08-001			13347				U19	U19			U19	809	147	295	340	27	1_6101_00	U19	U019	217;4	394;1	172;49	18;17	U;1600	869;14				7		1	1		14	U;189	mdjt;mw;stp	18									
F3DC1	U-08-002				A			U19A	U19A			U19A	282		1	256	25	1_6101_02			217;4	394;12		18;17						52	1		4	6	18	U;191	m;mw;xstp	13	Y								
F3DC9	U-08-003				E			E5221		E5221																				2							1									
F3DC2	U-08-004																				394;13															U;193		2									
F3DC3	U-08-005				B			U134		U134																				32		3	1				3									
F3DDA	U-08-006				F																394;14															U;183	n;n;nw;nm	2									
F3DC5	U-08-007			13348				U20	U20			U20	129	101		26	2	1_6101_01	U20	U020		395;1	172;49	18;17	U;1601	870;1									1	U;185		13									
F3DDA	U-08-008							U20A																																						
F3DC6	U-08-009																					395;2														U;181		2									
F3DC7	U-08-010																					395;3														U;186		2									
F3DC8	U-08-011																					395;4														U;187	n;n;nw;nm;x;stp	2									
F3DC9	U-08-012			13349				U21	U21			U21	2335	24	245	480	1586	1_6115	U21	U021	217;5	395;5	172;50	18;18	U;1650	870;2				48	23	1	4	105	229	U;197	ngr;m;stp;stpw;stp-s1	20									
F3DCA	U-08-013				C																	395;6														U;199	n	2									
F3DCB	U-08-014				A			U21A	U21A			U21A	1985			1	1984				217;5	395;8								112	1	8	1	1	6	U;201		11	N	Y?	DIFF	Variation seems meaningless to me. I would not even include it as a class in TSL.					Not a meaningfull semographic variant of U21
F3DCC	U-08-015							U118	U118			U118																																		
F3DCD	U-08-016							U124	U124			U124																																		

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
Y/i	TSL	Y (v5.2)		Y				A sledge, with the head of a canine at the front, with a rectangle on the sledge.	Phonogram biA.	X, p. 324,11; Dendera XIII, p. 364,3) could not be verified with an image. Kurth and Valeurs token is F3D59 (U16) (see Philae I, p. 85, 90,4). Esna token (Esna VII 633,00, p. 228,8) is not this sign (verified by Peter Dils).				
		Y (<=D_iSeh/HG)		N										
		N (auto)		N						No sources given.				
								A sledge, with the head of a canine at the front, with a half-circle on the sledge.		Verified by Peter Dils. Valeurs token (Esna VI 543,17, p. 190,8) could not be verified with an image. Not a meaningful variant of F3D93 (U16).				
Y/i	Esna VI, 543,17, p. 190,8.	Y (in core)		Y					Phonogram biA.					Yes
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						Not supported.				
		N (auto)		N						uorer, nwnuw, wncn does not provide sources. Likely a duplicate of F3D93 (U16).				
		N (auto)		N				A rectangular coffin with a rounded lid, and upstanding sides, with a three by three block internal decoration, on top of a sledge.		Redraw sign, making the coffin more square to fit the 3 by 3 block structure, and remove the triangle on top of the lid.				
Y/i	Cairo CG 28034 (SqiC), interior, back, top line.	Y/R (in core)		Y/R					Classifier burial (qm.t).					Redraw in place.
		N (auto)		N						No sources given.				
Y/i	Boston museum of fine arts, 21.810b-c (BiBle), lid, col. 78 (CT VIII,240,pt207a).	Y (in core)		Y				The sun, within a halo (N5), on top of a sledge (U15).	Logogram ra-itm.w (Re-Atoum).	Found and verified by Tobias Konrad, AKU project.				
Y/i	TSL	Y (v5.2)		Y				A hoe or pick excavating a rectangular pool with sloping sides (N38), with the handle angling downwards.	Logogram grg (to found, to establish, to hunt, to lay (a trap)).					
Y/i	TSL	Y (v5.2)		Y				A hoe or pick excavating a rectangular pool, with the handle analine downwards.	Phonogram ifd.					
		N (manual)	N	N						seeroreo rorm or F3DB1 (HGx U17A).				
								A hoe or pick excavating a rectangular pool, with the handle angling upwards, with the handle towards the front.	Logogram grg (to found, to establish, to hunt, to lay (a trap)).	Quite a few of the JH-D tokens would just as well be served by F3DB1 (U17), and this sign is functionally identical, so I doubt the upward angle is that important. (However, might be a Ptol. period unique feature).		U17A reference inverted between Dendara and Esna	Yes	
Y/i	TSL (U17, TSL_3_17253)	Y (in core)		Y										
		N (manual)	N	N						Meaningless variant of F3DB2 (U17B).				
		N (auto)		N						source, nor ooo Hannig.				
Y/i	Dendera Porte d'Horus, p. 50,4, p. 136 (bandeau).	Y (in core)		Y				A hoe or pick excavating a rectangular pool, resembling the sky (N1), with the handle angling upwards, with the handle towards the back.	Logogram grg (to found, to establish, to hunt, to lay (a trap)).			sky		
		N (auto)		N						No sources given.				
Y/i	TSL	Y (v5.2)		Y				An adze.	Phonogram nw.					
Y/i	TSL	Y (in core)		Y				An adze with an attached blade at the front.	Classifier claw, nail (an.t).					
		N (manual)	N	N						neeaningeess variant of F3DC0 (U19) for the purposes of insertion. Should not be added.				
		N (manual)	N	N						seeroreo rorm or F3DC1 (U19A).				
Y/i	Dendera Porte d'Hathor, p. 29,14, p. 98 (bandeau).	Y (in core)		Y				An adze with a triangular blade at the front.	Phonogram nw.	Exists, but not a meaningful variant of F3DC1 (U19A)			Yes	
		N (manual)	N	N						neeaningeess variant of F3DC5 (U20). Should not be added.		removed F3DD9 and replaced by F3DDA (dup entry)		
Y/i	TSL Louvre E25416,d (Cennat, Abu Sir papyri, pl. LXII (A1, col 6)).	Y (v5.2)		Y				An adze without the downwards curve at the end of the handle.	Phonogram nw.					
Y/i		Y (in core)		Y				An adze without the downwards curve at the end of the handle, with three blades.	Logogram an.t (nail).	Found and verified by AKU project.				Additional row.
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
Y/i	TSL	Y (v5.2)		Y				An adze, with an attached blade at the front (U19A), in a piece of wood.	Phonogram stp.					
		N (manual)	N	N						Duplicate of F3DC9 (U21).				
Y/i	KU 699, line 4 (or nearly any nb-tA.wy cartouche of Ramses II).	Y (in core)		Y				An adze, with an attached blade at the front, in a piece of wood, with the end handle below the wood.	Phonogram stp.	Not a meaningful semographic variant of F3DC9 (U21).			Yes	
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val stgrw | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caur	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
																																				wb1	
F3E15	U-09-054			C				U24I	U24I			U24I	1			1						218;6									4	1				U;316		5
																																				hmw	
F3E16	U-09-055			F				AA67	AA67			Aa67																								U;404		1
F3E17	U-09-056			C				U24K	U24K			U24K	1			1						398;11									2				1	U;317		5
																																				w	
F3E18	U-09-057			F				U24R														398;12														U;315		2
																																				wb1;hmw	
F3E19	U-09-058			B				U24I	U24I			U24I	5			5						398;13									4					U;325		4
																																				wb;wnb;hmw	
F3E1A	U-09-059			B				U24A	U24A			U24A	51			49	2				218;3	398;9		18;24						17	1	1	1	1	2	U;331		12
F3E1B	U-09-060							U24O																														
F3E1C	U-09-062																					398;5														U;351		2
F3E1D	U-09-063			F				U24P														398;14														U;335	wb	2
F3E1E	U-09-064			B				U24D	U24D			U24D	3			3						218;5									7								3
F3E1F	U-09-065			F	S			U130A		U130A																					1						wb;wb1	1
F3E20	U-09-066			F																		398;16														U;333		2
F3E21	U-09-067																					399;1														U;313	w;wb;hm	2
F3E22	U-09-068			C				U24G	U24G			U24h	3			2	1				U024H	399;2												1		U;403		6
F3E23	U-09-069																					399;3														U;357		2
F3E24	U-09-070																					399;4														U;359		2
F3E25	U-09-071			C				U74	U74			U74						1_624D				399;5														U;361		3
F3E26	U-09-072																					399;6														U;363		2
F3E27	U-09-073																					399;7														U;321	wb	2
F3E28	U-09-074			F																		399;8														U;319	w;wb1;hmy;hmw	2
F3E29	U-09-075			F				U24S														399;9														U;323		2
F3E2A	U-09-076		1334E					U25E			U25	U25	99		61	38		1_6126_01	U25	U025				18;24		U;2100		870;6										8
F3E2B	U-09-077			C				U25F										1_6126_03																				1

Vots	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
				I would not call Amarna boundry stela, line 7 (Amarna V, pl. XXXVII) this grapheme, as if there is a horizontal line, it goes over the circle.					
				Edfu VII, 38,11, photo 0052 uses a variant with an forked ending, instead of a round one (i.e., F3E1B).					
	cf. U24I	N							
									should be studied before additions are made (likely to refer to different techniques, but I cannot say)
				I could not verify any token with an image, as either there was no image, or its quality was too low to see the sign.					
N	cf. U24D	N							
									should be studied before additions are made (likely to refer to different techniques, but I cannot say)
N		Y	DIFF	KIU 3508, line 1 has a variant without the stroke at the top, and a crossbar over the bottom circle					
		N							
				Beleg 1 only has the flick at the top, not the vertical line (Edfu VII, 96,11, photo (wall) 378 (drand), but image is not really clear. Beleg 2 is not even remotely the same sign.					
	cf. U24I	Y	DIFF						
				Karnak token (KIU 6375, line 7) has two lines descending from the X1, and no clear drill-bit at the end.					
n	cf U24A	N							
				A bit vague, but I can recognise all features required (feather, half circle top, two vertical lines downwards, one with circlelike ending). Not sure if the addition to Unicode is that valuable though.					Corruption of hmw because of jmnt.t (occurs several times in DeM)
Y	TSL token not clear enough	?	DIFF						

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
										JH-D/E tokens could not be verified by an image. Valeurs token (Dendera I, p. 74,4) could not be verified with an image.	
		Y (n=D,ISeh/HG)		N							
										Vaeurs token (cana vi 499,7, p. 78,1) could not be verified with an image.	
		N (auto)		N							
										See comment SP. U24 variant should be studied before additions are made (likely to refer to different techniques, but I cannot say)	
								A drill, with a half-circle handle, with a vertical line on top, with a round drill-bit.			
Y,I	KIU 3949, line 10	Y (in core)		Y					logogram wbA (to open).		
										See comment SP. U24 variant should be studied before additions are made (likely to refer to different techniques, but I cannot say)/ Function seems to represent complete confusion with V24/V25.	
								A drill, with a half-circle handle, with a vertical line on top, with a forked drill-bit.			
Y,I	Edfu VII, 38,11, Bartels photo 0052.	Y (in core)		Y					Phonemogram wD.		
										See comment SP. JH-D tokens (Dendera XI, p. 143,2, pl. 106, top image, is more like F3E12), other two tokens could not be verified with an image.	
		Y (n=D,ISeh/HG)		N							
								A drill, with a half-circle handle, with a vertical line on top, with a curl towards the front on top of the handle, with a forked drill-bit.			
Y,I	KIU 3924, line 5	Y (in core)		Y					Phonemogram wbA.	See comment SP.	
								A drill, with a half-circle handle, with a vertical line on top, with a curl towards the front on top of the handle, with a forked drill-bit, with a horizontal line on top of the forked drill-bit.			
Y,I	Edfu VII, p. 12,2	Y (in core)		Y					Logogram Htmw.w (craftsman).	Practically identical to F3E1A (U24A). Verified with image from Philipp Seyr.	
										Verified by Peter Dils. **Redrawn in place**. (Redraw the sign with the X1 portion of the sign being much higher and pointier than is the case now, see F3E0E for a resonable form of the core). However, one could argue this is a meaningless variant for Unicode.	
								A drill, with a conical handle on a horizontal line, with a outwards curl at either side of the handle, with a forked drill-bit.			
Y,I	Esna VII 577,06, p. 81,11	Y (in core)		Y					Phonemogram wb		redrawn in place
		N (auto)		N						No sources given.	
		N (manual)	N	N						Inaccuracy a duplicate of F3E1E.	
								A drill, with a half-circle handle, with a vertical line on top, with a curl towards the front on top of the handle, with a round drill-bit, with a horizontal line on top of the round drill-bit.		In Dendera commonly mirrored. See comment SP: U24 variant should be studied before additions are made (likely to refer to different techniques, but I cannot say)	
Y,I	Dendera X, 270,10, pl. 170, top image, bandeau.	Y (in core)		Y					logogram wbA (to open).		
								A horned desert viper (Cerastes cerastes) (I9), above a forearm with the hand holding a stick (D40), written over a drill, with a half-circle handle, with a vertical line on top, with a curl towards the front on top of the handle, with a vertical line as drill-bit.		Technicall an overlay, but I cannot say on which U24 form it should be based, as this is technically a misinterpretation of the spindle (U24-U25), and the head of the drill is not visible in the source (as it is behind the arm).	
Y,I	Dendera XI, p. 161,11, pl. 117.	N (manual)	N	N					Logogram wd (to drive away).		No/No.
		N (manual)	N	N						Mirror of F3E1E.	
		N (auto)		N						No sources given.	
								A drill, with a half-circle handle, with two lines on top, in a V shape, with a forked drill-bit.		See comment SP: U24 variant should be studied before additions are made (likely to refer to different techniques, but I cannot say)	
Y,I	Dendera Porte d'Horus, p. 32,5, p. 110 (leftmost column).	Y (in core)		Y					Phonemogram wb		
		N (auto)		N						No sources given.	
		N (auto)		N						No sources given.	
								A one, with a narrow circle handle, with a feather (I6) on top, with a round drill-bit with a horizontal line on top of the circle, with a short vertical stroke next to the drill, connected to			
Y,I	TSL	Y (in core)		Y					Logogram Htmw.w (craftsman).		
		N (auto)		N						No sources given.	
		N (auto)		N						No sources given.	
										Vaeurs token (Chassinat, Mammisis Edfu, p. 72,6) could not be verified with an image.	
		N (auto)		N							
								A drill, with a half-circle handle, with a forward angled stroke on top of the handle, with a forked drill-bit, with a horizontal line on top of the forked drill-bit.		Verified with image from Philipp Seyr. SP: 'U24 variant should be studied before additions are made (likely to refer to different techniques, but I cannot say)'	
Y,I	Edfu VII, p. 17,6	Y (in core)		Y					logogram wbA (to open).		
								A stonewarerer s drill weighted at the top with stones, lashed together handle with a horizontal line on top, with a forwards, upwards line at the front of the circle, with a round drill-bit with a horizontal line over it.	Logogram Htmw.t (craft).		
Y,I	TSL	Y (v5.2)		Y							
									Logogram Htmw.w (craftsman).	A rare variant of F3E33 (U24), I doubt it has any value for Unicode.	
Y,I	TSL	Y (in core)		Y							

Comment MS	Change (Berlin)	Changes (post 19-02-2023)
	Yes	
	Yes	
	Yes	
	Yes	
	Yes	
	Yes	
	Yes	

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sig | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sis | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
|---|---|---

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sta	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
F3E9A	U-12-012				F			U33A	U33A			U33A	1				1					403;9														U;451	3
F3E9B	U-12-013							U33B	U33B			U33B										403;10														U;449	2
F3E9C	U-12-014																					403;11														U;455	2
F3E9D	U-12-015																					403;12														W;89	2
F3E9E	U-12-016				F		S	E5163		E5163																				1							1
F3E9F	U-12-017				F			E5154		E5154																				1							1
U13. Spindle (stopper)																																				
F3E00	U-13-001			13359				U34	U34			U34	**257**	212	3	41	1	1_6166	U34	U034	220;1	403;1	173;12	18;33	U;4000		870;18			1							U;469	15
F3E01	U-13-002				C			U34A	U34A			U34A	**6**	2		4						403;14														T;73	4
F3E02	U-13-003				F																	403;15														I;91	2
F3E03	U-13-004				F																	404;1														I;93	2
F3E04	U-13-005																					404;2														I;95	2
F3E05	U-13-006				C		S	U130	U130			U130						1_6082				404;3								1						D;815	4
F3E06	U-13-007			1335A			S	U35	U35			U35	**466**		86	376	4	1_6168	U35	U035	220;1	404;4	173;12	18;33			870;19			31					22		I;89	14
F3E07	U-13-008				C			U35A	U35A			U35A	**5**			3	2					404;5														I;79	4
F3E08	U-13-009						S															404;6														I;103	2
F3E09	U-13-010						S	U86	U86			U86										404;7														D;817	2
F3EDA	U-13-011				F		S															404;8														I;105	2
U14. Washing club																																				
F3EF0	U-14-001			1335B				U36	U36			U36	**4174**	19	861	2596	698	1_6170	U36	U036	220;2	404;9	173;15	18;34			870;20			467	33	25	2	27	139	U;471	19
F3EF1	U-14-002						S	U87	U87			U87										404;10														I;155	2
F3EF2	U-14-003							U36A	U36A			U36A																									
F3EF3	U-14-004							U36B	U36B			U36B																									
U15. Razor																																				
F3F00	U-15-001																					404;11														U;473	2
F3F01	U-15-002			1335C				U37	U37			U37	**33**		23	10		1_6173	U37	U037		404;12		18;35	U;5000		871;1									U;475	10
F3F02	U-15-003																					404;13														U;477	2
F3F03	U-15-004							U37A	U37A			U37A										404;14			T;6200											U;479	3
F3F04	U-15-005																					405;1														U;481	2
F3F05	U-15-006				C			U88	U88			U88	**4**	4								405;2														P;423	3
F3F09	U-15-007							U88A																													
F3F06	U-15-008																					405;3															1
F3F0A	U-15-009							U141																													
F3F07	U-15-010				B			U89	U89			U89	**10**	10								405;4				1448;7										T;67	4
F3F08	U-15-011							U90	U90			U90										405;5														D;657	2
U16. Scale; measure instrument																																				
F3F10	U-16-001				C			U38A	U38A			U38A	**2**			2						405;6		18;36												U;491	4
F3F11	U-16-002				F																	405;7														U;495	2
F3F12	U-16-003				D			U38C	U38C			U38C	**1**				1													1						U;497	3

Index	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
F3E9A									
F3E9B									
F3E9C									
F3E9D									
F3E9E									
F3E9F									
F3E00	cf. shape of T008 and variants; correct category?, U35A seems to support that this is category U	Y	DIFF	Both PT tokens used this sign incorrectly for what should have been T8 (PT 701C (N & T)). There is a distinction between function tp and function xsf. Beleg 1 is in doubt, and I cannot really verify Beleg 2 with an image, but seems to be more like U34 than U34A in my opinion (no X1 like thing at the top). Maybe replace with a token of T5L, which shows where the graphical overlap probably originated.					
F3E01									
F3E02									
F3E03									
F3E04									
F3E05		N		Overlay.					
F3E06									
F3E07		N	DIFF						
F3E08									
F3E09									
F3EDA									
F3EF0									
F3EF1									
F3EF2									
F3EF3									
F3F00									
F3F01	what is this?	Y	DIFF	All tokens are from PT 248a, Plankoff plate 70 (4th col from left), but should be read as S18B (Hts sceptre),					
F3F02									
F3F03									
F3F04									
F3F05									
F3F09									
F3F06									
F3F0A									
F3F07	what is this?	Y	DIFF	I aoubt that this sign is used correctly. In the Pepi II examples it replaced meat, in the Pepi I examples it replaces either R91 or M13. In the Unas examples it seems to either replace S43 or P8.					Should be some kind of razor, similar to U37, but rotated.
F3F08									
F3F10				I am not sure if we should include all the classes for U38 in Unicode.					
F3F11									
F3F12				KIU 1992, line 1 (image 172271) is a variant of U38 which requires a new grapheme.					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
										EXIST, but I am not certain it represents a meaningful variant for Unicode.	
Y/I	KIU 3506, line 5.	Y (in core)		Y				A pestle with a vertical line over the bottom.	Phonogram t(t).		
		N (auto)		N						No sources given.	
		N (auto)		N						No sources given.	
		N (auto)		N						No sources given.	
Y/I	Esna VII 620,00, p. 195,8	N (manual)	N	N				A horned desert viper (Cerastes cerastes) (I9), written over a pestle (U33). A pestle (U33), written over a spiral, winding counter-clockwise away from its central point, ending at the right lower corner after	Phonemogram tf.	Overlay. Verified by Peter Dils	
Y/I	Esna VII 620,00, p. 195,3	N (manual)	N	N					Phonogram tw.	Overlay? (might not render properly). Verified by Peter Dils. Function is a guess, could be wD(w)et as well.	
Y/I	T5L	Y (v5.2)		Y				A spindle.	Phonogram xsf.		
		Y (in core)		Y				A spindle resembling a dagger with a pointed tip (T8A).	Phonogram xsf.	Required for overlay with F3ED7 (U35A).	
		N (manual)	N	N						Overlay. Practically a duplicate of F8D6 (U35).	
		N (manual)	N	N						Overlay. Practically a duplicate of F8D6 (U35).	
		N (manual)	N	N						Overlay. Practically a duplicate of F8D6 (U35).	
Y/I	T5L	N (manual)	N	N				A horned desert viper (Cerastes cerastes) (I9), above a forearm with the hand holding a stick (D40), written over a spindle (U34).	Logogram xsf (to drive away).	Overlay.	
Y/I	T5L	N (manual)	N	N				A horned desert viper (Cerastes cerastes) (I9), written over a spindle (U34).	Phonogram xsf.	Pre-control characters artifact, should now be done through overlay.	
								A spindle, resembling a dagger with a pointed tip (T8A), written over a horned desert viper (Cerastes cerastes) (I9).		overlay, but as Pascal (U34A) causes ambiguity (thus I rather leave it out), this should either be left out, or added atomically (in order to evade ambiguity).	
Y/I	KIU 5996, line 6.	N (manual)	N	N					Phonogram xsf.		
		N (manual)	N	N						Overlay. No sources given.	
		N (manual)	N	N						Overlay. No sources given.	
		N (manual)	N	N						Overlay. Duplicate of F43F7 (W10B).	
Y/I	T5L	Y (v5.2)		Y				A club used by washer-men for beating laundry.	Phonogram Hm.		
		N (manual)	N	N						Overlay. No sources given.	
		N (auto)		N						No sources given.	
		N (auto)		N						No sources given.	
		N (auto)		N						No sources given.	
Y/I	T5L	Y (v5.2)		Y				A razor.	Logogram mKa(.t (razor).	P. Brooklyn 47.218.84/2, n+2,6. (MFA) 125, Meeks) has a variant without the string attached to it (in TLA encoded as F119, but functionally a razor).	
		N (auto)		N						No sources given.	
		N (auto)		N						Looks like a duplicate of F34B0 (U+13332). Hence the H&S code refers to category T.	
		N (auto)		N						No sources given.	
		N (auto)		N						new row, rotating it with the handler towards the front. Sign could not be located. Valeurs code shows Daumas considered this an oar, but did not give any origin.	
		N (manual)	N	N		F3F09					
Y/I	Chicago (IU), Oriental Institute Museum, E 14062, 72.	Y (in core)		Y				A razor, with a straight handle, orientated to the front.	Classifier shaving (Xaq).		
		N (auto)		N						No sources given.	
Y/I	Papyrus Ebers, column 85, line 12.	Y (in core)		Y				Two razors, handles upwards, inside a pouch.	Logogram Xaq (to shave).	AKU project. Base on provided standardised image, as you can see that the actual hieratic form is a bit different.	
		Y (n=0,JSeh/HG)		N						Even if this is some type of razor, it is constantly misused. Valeurs token should be read as T1.	
		N (manual)	N	N						Overlay. No sources given.	
Y/I	P. Turin 1791 (Boldi), chapter 125, col. 9.	Y (in core)		Y				A simplified representation of a balance on a pole.	Classifier balance, scale (mA.t).	Probably useful to add to Unicode, if only as simplified form of a balance.	
		N (manual)	N	N						Practically a duplicate of F3F10.	
Y/I	KIU 1992, line 1 (image 172271); Dendera Porte d'Hathor, p. 36,3, p. 104 (Brand).	Y (in core)		Y				A balance, with the pole resembling a column with a base, with a tenon at the top (G28B), with a plummet, resembling a heart (F34).	Logogram mA.t (balance; in maA.t-tA.wy).	**Redrawn in place.** (Redraw sign with the inclusion of the heart on a string as F3F13 (U38). Valeurs token (Esna III 242,23, p. 115,5) could not be verified with an image.)	redrawn in place

Index	Change (Berlin)	Changes (post 19-02-2023)
F3E9A	Yes	
F3E9B		
F3E9C		
F3E9D		
F3E9E		
F3E9F	No/No.	
F3E00		
F3E01	Yes	
F3E02		
F3E03		
F3E04		
F3E05		
F3E06		
F3E07	No/No.	
F3E08		
F3E09		
F3EDA		
F3EF0		
F3EF1		
F3EF2		
F3EF3		
F3F00		
F3F01		Redraw in new row.
F3F02		
F3F03		
F3F04		
F3F05		
F3F09		
F3F06		
F3F0A		Additional row.
F3F07		
F3F08		
F3F10		
F3F11		
F3F12		

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sis	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F3F13	U-16-004			1335D			U38	U38		U38	**16**	1	15		1_6175	U38	U038			405;8	173;20	18;36	U;6000		871;2									U;499	*mfdt*	11
F3F14	U-16-005				F		U91A	U91A		U91A											405;9													U;501		2
F3F15	U-16-006																				405;10													U;485	*mfdt*	2
F3F16	U-16-007				F		U38B	U38B		U38B											405;11													U;489	*mfdt*	2
F3F17	U-16-008				B		U91	U91		U91	**9**	6	2	1	1_6263					405;1	173;20		U;6100	1448;8	871;9					1	1			U;487		12
F3F18	U-16-009						U92	U92		U92											405;13													U;483		2
F3F19	U-16-010						U92A	U92A		U92A																									*wgs*	
F3F1A	U-16-011				C		U39G	U39G		U39G											405;14												3	U;535	*wgs;n:0ss*	3
F3F1B	U-16-012				A		U39A	U39A		U39A	**169**		166	3	1_6179_02					220;3	405;1	173;17	18;37		1447;18	871;4		U039	281	27	9	8	2	43	U;533	*wgs;ra:S;:ss:gs*	17
F3F1C	U-16-013				F																406;1													U;537		2
F3F1D	U-16-014				C		U39C	U39C		U39C											220;4	406;3	173;17	18;37		1448;2				1				2	U;549	*sps*	8
F3F1E	U-16-015				D		U39P	U39P		U39P															U;6420				1				1	U;551	*wgs*	4
F3F1F	U-16-016				B		U39F	U39F		U39F	**15**		12	3	1_6179_03					220;5	406;4		18;37						5		1	2		4	U;543	*ss:gli*	11
F3F20	U-16-017				B		U39O	U39O		U39O	**2**		2							220;7	406;6		18;37						1	6		1		17	U;547		9
F4706	U-16-018				F		E5126		E5126																					1					*wgs;mdjt:gs*	1
F3F21	U-16-019				F																406;7													U;541	*wgs;ibn*	2
F3F22	U-16-020				F		U39S														406;8													U;539	*wgs*	2
F3F23	U-16-021				C		U39N	U39N		U39N	**1**		1							220;6	406;9		18;37										3	U;545		6
F3F25	U-16-022				F		U39L	U39L		U39L											406;10												1	U;521	*mfdt*	3
F3F26	U-16-023				F		U39M	U39M		U39N																								U;525		1
F3F27	U-16-024																				406;11													U;515		2
F3F28	U-16-025				A		U39I	U39I		U39I	**135**	60	75		1_6179_01					406;12		18;37						U039A						4	U;527	*w:;wp;cv:;ks:l;ibm;gs:t*	8
F3F29	U-16-026			1335F			U40	U40		U40	**491**	223	260	8	1_6198	U40	U040			406;14			U;6310		871;6								2	U;511	*rs*	11
F3F2A	U-16-027				F																406;15													U;513		2
F3F28	U-16-028				C		U39B	U39B		U39B	**3**	3									406;16					1448;1	871;5								U;503		5

Comment DW	Vote DW Core (2021)	DW differentiality	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiality	Comment SP
			Note that one of the TSL tokens is technically U38A, as an attestation with all the details is remarkably rare (and currently not yet in TSL, only one token comes close, and it still lacks the heart).					
	Y							
			I am not sure if we should encode all U39 variants into Unicode.					
	Y							
			I am not sure if we should encode all U39 variants into Unicode.					
	Y							

Index	Catalog	Glyph	G-2021	UCS	Priority	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikeo	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F3F2C	U-16-029				F			U39Q	U39Q			U39Q	1			1																					1
F3F2D	U-16-030							U39J	U39J			U39J																										
F3F2E	U-16-031				F			U39H	U39H			U39h																								U;568		1
F3F2F	U-16-032				F			U3F												U003F		407;1														U;505		3
F3F30	U-16-033			1335E				U39	U39			U39	217	7	32	167	11	1_6179_00	U39	U039		407;2		18;37	U;6300		871;3									U;523		12
F3F31	U-16-034				B			U39E	U39E			U39E	23			23						407;3														U;527		3
F3F32	U-16-035																					407;4														U;509		2
F3F33	U-16-036				C			U39D	U39D			U39D	4				4					407;5			U;6400	1448;3										H;109		5
F3F34	U-16-037				F			U39K	U39K			U39K																								H;111 U		1
F3F35	U-16-038				C			U94	U94			U94									221;6	407;6	173;18	18;40									1			U;587		6
F3F36	U-16-039				F			U94A	U94A			U94A												18;40												U;585		2
F3F37	U-16-040				F																	407;7														U;589		2
F3F38	U-16-041				F																	407;8														U;591		2
F3F39	U-16-042				E			U95	U95			U95										407;9		18;40												U;579		3
F3F3A	U-16-043				F			U96	U96			U96	1			1						407;10												1		U;581		4
F3F3B	U-16-044							U96A												U096A		407;11														U;583		3
F3F24	U-16-045				F			DE393		DE393										U039S											1					U;545		2
F3F3C	U-16-046				E			U97B	U97B			U97B	1			1						407;12														U;575		3
F3F3D	U-16-047																					407;13														U;573		2
F3F3E	U-16-048				B			U97	U97			U97	2			2					221;7	407;1	173;19	18;39	U;6700	1448;9	871;10			4						U;577		10
F3F3F	U-16-049				E			U97A	U97A			U97A										407;15		18;39												U;569		3
U17. Potter's wheel																																					
F3F50	U-17-001																					408;1														U;417		2

Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP
cf. U398	Y		I am not sure how many of the U39 variants should be added to Unicode.					
			Most TSL tokens are only with a horizontal line as base, not with the entire base form (need to become a separate class), KIU 1038, line 12 uses a variant with an additional dot at the top, see attached image.					
	Y		I am not sure how much value there is in including every U39 variant.					
	Y		All tokens are only attested in facsimile, and I am not completely convinced that there is a feather at the top.					
			TLA token (Edfu VII, 44,10, photo (wall) 327 has an additional thing on the back of the horizontal line (i.e., F3F38).					
			TLA token (Edfu VII, 46,11, photo (wall) D030061) is not clear enough to be certain the dangling section is a vase, not a heart.					
check shape								

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
								The pole of a balance, represented as a vertical line with a curved hook at the front.	Classifier to raise to lift up (sTa).		
Y/I	Abusir XX, pl. 5a, col. 6.	Y (in core)		Y							
		N (auto)		N						No sources given.	
								as a vertical line with a horizontal line at the front, with a line with a plummet resembling a heart (F34) hanging from the horizontal line.	Classifier measuring tool? (xa.y)	Verified by Peter Dils. Valeurs token (this sign is a rather poor representation of it), Esna VI 499,6, p. 77,9, could not be verified with an image.	
Y/I	Esna VI 499,6, p. 77,9	Y (in core)		Y							
								The pole of a balance, represented as a vertical line with a curved hook at the front, with a horizontal base.	Classifier lifting, carrying (wTs).	Seems to represent an OK/Pyr form of F3F30. Should probably become a class in TSL.	
Y/I	TSL (U39) token TSL_3_20362.	Y (in core)		Y							
								The pole of a balance, on a horizontal base, with a angled line on each side as support.	Classifier balance, scale (maA.t).		
Y/I	KIU 1280, line 15.	Y (v5.2)		Y							
								The pole of a balance, on a horizontal base, with a angled line on each side as support, with a line with a plummet resembling a heart (F34) hanging from the hook.	Classifier lifting, carrying (Ts).		
Y/I	SSR 16 (Wagner, Anchnesneferib re). p. 150-151, col 154 (second Ts).	Y (in core)		Y							
		N (auto)		N						No sources given.	
Y/I	KIU 8768, line 6	Y (in core)		Y				The pole of a balance, with the cross-bar resembling a feather (hlt).	Phonemogram wTs (in wTs-ht).	Could be consistent topographic, if one considers a throne something that lifts or carries someone.	
		N (auto)		N						Valeurs refers to wa, in which the slips in the TLA only support F3F33, not this form.	
Y/I	Dendera VI, p. 111,3, pl. DL30V (bandeau).	Y (in core)		Y				An astronomical instrument, with a line coming from the top of the rectangle, with a plummet at the end of the line, below the base of the	Classifier service, task (wnw.t).		
Y/I	Stela Vienna 3857, line 6. (SAK 22, p. 288, 292, pl. 15).	Y (in core)		Y				An astronomical instrument without a line and plummet.	Logogram wnw.t (service, task).	wennes ay veser sss. I could not verify the Valeurs/Korth token (Esna III, 208,24, p. 38,17) with an image.	Yes
		N (manual)	N	N		F3F35				Mirrored form of F3F35 (U94)	
Y/I	Mammisis Dendera, p. 204,5	N (manual)	N	N				An astronomical instrument with a line an plummet written inside the front section of the object.	Logogram wnw.t (service, task).	valeurs soeen (Mammisis Dendera p. 204,5, verified by Peter Dils) is there. Not needed and difficult to draw, but does exist.	No/No
										Based on Rdt 21 (Sauneron) p. 66, but he does not provide a source for this sign (only refers to F3F36). I find it highly likely he simply misinterpretated F3F35 (U94) for this form. *Added manually to the full list for backwards compatibility.*	
		Y (manual)	Y	N							Yes/No
Y/I	Geographical papyrus Tanis, fragment 1-2 (see Leitz, Soubassements tudien II(7, pl. 89).	Y/I (in core)		Y/I				instrument to measure the movements of the stars, consisting of a square block coming from a long horizontal base, with a vertical line going over the middle of the square block, decending below the block, with a plummet in the shape of a heart (F34) hanging below the base.	Logogram wnw.t (service, task).	Verified by Peter Dils. Redraw in a new row.	tool to measure the movement of the stars
Y/I	Edfu VII, 44,10, Bartels photo (wall) 327.	Y (in core)		Y				An astronomical instrument to measure the movements of the stars, consisting of two vertical ovals at the front of a long horizontal base, with a plummet in the shape of a heart (F34) hanging below the base, connected to a vertical line between the two ovals, with an upwards dot in the middle of the horizontal base.	Classifier astronomical instrument (mnx.t).	Might be an unique variant.	tool to measure the movement of the stars
Y/I	Dendera XV, p. 269,14	Y (in core)		Y				An astronomical instrument, resembling a façade of a shrine with a flat roof, with oblique sides, with a large doorway (O218), on a long base, beside a sandy hill slope (N29), with a line coming from the top of the shrine, with a plummet at the end of the line, below the base of	Logogram wnw.t (service, task).	Move sign behind F3F38 (part of the astronomical instrument group). Verified by Peter Dils (part with the heart was not visible on his photo, but based on what is visible I find this likely).	Move
		N (auto)		N						Valeurs token is F3F3E (U97). Practically a duplicate of F3F3E (U97).	
		N (manual)	N	N							
Y/I	Dendera V, 108,2, pl. CCCCVIII.	Y (in core)		Y				A level, consisting of three beams in a A shape, with a vertical line with a plummet coming from the top corner.	Classifier length, width (sxs).		
Y/I	Philae II, p. 332; 333,6	Y (in core)		Y				A level, consisting of two beams in a triangular formation, with a vertical line with a plummet coming from the top corner.	Phonemogram sxs.	Exists, but I doubt it is a meaningful variant of F3F3E (U97) for Unicode.	
		N (auto)		N						No source given.	

Comment MS	Change (Berlin)	Changes (post 19-02-2023)
		Yes

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sta | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurw | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG no source given. (Bonnam gives no sources). Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikor | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priority | Sequence | Sis | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhon | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differentiality | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differentiality | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhon	VP Val	Weight
																																					inq[m,n,ɔ,ɔɔ,nd,ng]	
F3FE5	U-21-006				A			AA27D	AA27D			Aa27I	219			212	7					251;6	480;1	175;36	24;6					AA02	160	8	6	1	10	60	AA;89		14
F3FE6	U-21-007				E	S		AA44	AA44			Aa44										480;2													1	D;725		3
F3FE7	U-21-008					S		AA48	AA48			Aa48										480;3		2;59b												D;623		3
F3FE8	U-21-009				F	S		AA47	AA47			Aa47										480;4														F;289		2
F3FE9	U-21-010				F	S		AA45	AA45			Aa45										480;5														I;113		2
F3FEA	U-21-011				C	S		AA46	AA46			Aa46	1			1		1_1001_01				480;6														I;163		4
F3FEB	U-21-012				B	S		AA49	AA49			Aa49	9			9						252;1	480;7							14					10	D;841		6
F3FEC	U-21-013				C			DE117		DE117																				7		1						2
F3FED	U-21-014				C			AA27E	AA27E			Aa27I																			6							1
F3FEE	U-21-015							AA27F	AA27F			Aa27I																											1
U21. U category; varia																																					
F400D	U-22-001			13360				U41	U41			U41	5			5		1_6199	U41	U041																		5
F4001	U-22-002				C			U98	U98			U98	1	1								221;8																5
F4002	U-22-003				B			U109	U109			U109	13	13				1_6056						18;45	U;5300	1448;13	871;16									U;601		7
F4003	U-22-004				E			U110	U110			U110	1	1								222;4																2
F4004	U-22-005				E			U105	U105			U105	1			1									T;5800													2
F4005	U-22-006				D			U46	U46			U46	3			3																						1
F4006	U-22-007							U63	U63			U63																										
F4007	U-22-008							U106	U106			U106																										
F400B	U-22-009				B			U107	U107			U107	39	24		15											871;15			8	6		1				6
F4009	U-22-010							U108	U108			U108															1448;12											1
F400A	U-22-011							U111	U111			U111																										
F400B	U-22-012							U112	U112			U112															1448;14	871;17										2
F400C	U-22-013							U113	U113			U113																										
F400D	U-22-014							U114	U114			U114																										
F400E	U-22-015							U115	U115			U115															1448;15	871;18										2
F400F	U-22-016							U123	U123			U123																										
F4010	U-22-017							U125	U125			U125																										
F4011	U-22-018							U125A	U125A			U125i																										
F4012	U-22-019			1342A				AA28	AA28			Aa28	1534	74	932	479	49	1_998_00	Aa28	AA028			480;9	175;37	18;41	U;1400	1394;9	883;11							U;595	h;hd	15

Vols	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
	Y									Y/I	KIU 1748, line 10.	Y (in core)		Y				A milling tool, with a long vertical stick under a horizontal oval with vertical lines at the short sides.	Phonemogram nd.	Fuction is due to the dentals in ptolemaic period, should be read nD habitually.				
												N (manual)	N	N						Lwenay. vaeurs token (Edfu VI, p. 102,1) could not be verified with an image.				
										Y/I	Edfu VI, p. 9,8	N (manual)	N	N				A forearm, with the palm of the hand facing upwards (G36), above a band of string or fabric (V12A), written over a milling tool, with a long vertical stick under a horizontal oval with vertical lines at the short sides (Aa27D).	Logogram nt-a (rite, ritual).	Complex overlay. Verified with image from Philipp Seyr.				
										Y/I	Edfu V, p. 355,3, Edfu XIII, pl. CCCCLXXXV.	N (manual)	N	N				A band of string or fabric (V12A), written over a milling tool, with a long vertical stick under a horizontal oval with vertical lines at the short sides (Aa27D).	Phonemogram nt and classifier ritual (nt-a).	Overlay.				
												N (manual)	N	N						Overlay. Valeurs gave no source.				
	N			Overlay.						Y/I	TSL	N (manual)	N	N				A cobra in repose (Naja haje) (I10), written over a milling tool, with a long vertical stick under a horizontal oval with vertical lines at the short sides (Aa27D).	Phonemogram nD.	Overlay.				
	N			Overlay. Edfu VIII, 26,1, photo 0040 uses a variant with the arm completely at the bottom of the sign.						Y/I	Edfu VIII, p. 126,17, Bartels photo 0155 (drawn).	N (manual)	N	N				A forearm with the hand holding a stick (D40), written over a milling tool, with a long vertical stick under a horizontal oval with vertical lines at the short sides (Aa27D).	Phonemogram nd(b).	Overlay.				
												N (auto)		N						Variant of F3E40 (GID U270)/ F3E41 (GID U27C), should be returned to category U09. Chisel and Drill. All tokens verified by Peter Dils would be better served by F3E41 (GID U27C).				
										Y/I	Esna VII 573,07, p. 69,12	Y (in core)		Y				A milling tool, with a long vertical stick, under a half-circle, with vertical lines at the short sides.	Phonemogram nD.	Exists, but I am not sure if this is a meaningful variant of Aa27 for Unicode, beside the potential for confusion with S36 variants.			Yes	
												N (auto)		N						No sources given.			No	
										Y/I	TSL	Y (v5.2)		Y				The plummet of a balance.	Classifier plummet (ba).			plummet used with a balance		
				PT token (PT 101a (T), sethe column 149) is a rotated M72.						Y/I	Dendera X, 347,14.	Y (in core)		Y				A diamond shaped plummet of a balance with an backwards and downwards curving string / A diamond shaped brazier with a flame rising from it, flame angling towards the front.	Classifier flame	In JH-D tokens, the signs could just as well be V4 or G7 (as is the case in Dendera X, based on the functions (Dendera X, 347,14, is Cauville 2001). Note that it supposedly occurs as an actuall plummet as well: Pyr. Kap. 418, N.790-791 ,but this could not be verified with an image.				
	Y		DIFF	ncate that the TSL tokens are more sleek that this grapheme. Maybe change the grapheme to look more like the PT tokens?						Y/I	TSL	Y (in core)		Y				A broom.	Classifier sweeping, wiping (sk).	Redraw with fewer bristles, to give it a sleeker outline (see TSL tokens).		broom, redrawn in place		
				ו-ז token (ו-ז : rake, ו-ז-ו-w ??? A 1) is a poorly made S42 (although more clear due to the function).								N (auto)		N						Not supported.				
										Y/I	ɪsw; ro, seasona list from the right, bottom items, 4th column.	Y (in core)		Y				A saw.	Classifier saw (tA).					
	cf. T016	N?		ɔ-ɔ (amarna vi, ex 18, xvi (no measure), I assume the sign is D51. Belegi 3 is a minimalistic M3. I think that this sign should indeed be considered a duplicate of T16.								N (manual)	N	N						Duplicate of F3B70 (T16).				
												N (auto)		N						No sources given.				
												N (auto)		N						No sources given.				
	is there a horizontal variant (more/less frequent) somewher e?	Y		Used for different functions (variant Aa28, any other rectangle), but I would support its inclusion, (classifier of maAa (upright of a ladder), in which case I doubt this sign should be allowed to rotate), based on PT 468b (N), sethe column 965. (needs verification by squeeze). Unas has this one as well, but the sign is more rounded (see attached image, Piankoff pl. 3, 3rd col from right).						Y/I	Pepi II, PT 468b, Sethe column 965; Unas, PT 468b, Piankoff, pl. 3, 3rd column from right.	Y (in core)		Y				Upright of an ladder.	Classifier maAa (upright of an ladder).	Should not be allowed to rotate. Accepted for Unicode, but seems extremely prone to misuse. In JH-D tokens misused for partially damaged signs.				
												N (auto)		N						PT token (Pepi I, P/C-med/W 73, fig. 26), is more or less this sign, but less broad.				
												N (auto)		N						No sources given.				
												N (auto)		N						nannig mentions this for XAr (bag) and it occurs in the TLA slips, but no source is given in the slips.				
												N (auto)		N						No sources given.				
												N (auto)		N						No sources given.				
												N (auto)		N						Hannig gives this as classifier for maq but does not provide a source (this exact form is not given in TLA slips).				
												N (auto)		N						No sources given.				
												N (auto)		N						No sources given.				
												N (auto)		N						No sources given.				
																		by bricklayers, with a triangular extension with a horizontal top at the front.	Phonemogram qd.	Should probably not be allowed to rotate.		builder tool		

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sis | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurw | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val | Weight | Vote | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | VP Val | Vols | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F40BB	V-04-025																					436;9													V;177		2
F40B9	V-04-026			13383				V17	V17		V17		**1653**	729	118	434	372	1_6338_00	V17	V017	225;5	436;1	173;42	19;3D	V;1700		873;5			229	38	1	49	57	V;175		19
F40BA	V-04-027							V17A	V17A		V17A																										
F40BB	V-04-028				A			V17C		V17C										V017C	225;5	436;11								234	28	11	12		V;179		8
F40BC	V-04-029				B			V17B	V17B		V17B		**1**			1														2				48			3
F40BD	V-04-030			13384				V18	V18		V18		**9**	1	1	4	3	1_6338_01	V18	V018		436;12			V;1701		873;6								V;171		11
F40BE	V-04-031			13385				V19	V19		V19		**4329**	21	4007	296	5	1_6342	V19	V019	225;6	436;1	173;45	19;2B	V;1800		873;7			37	5		1	1	10	V;157		19
F40BF	V-04-032				F																	436;14													V;159		2
F40C0	V-04-033			13421				AA19	AA19		Aa19		**174**		60	98	16	1_952	Aa19	AA019	250;1	436;1	173;45	19;2B			883;1			28				9	V;155		14
F40C1	V-04-034																					436;16													V;161		2
F40C2	V-04-035																					437;1													V;163		2
F40C3	V-04-036																					437;2													V;147		2
F40C4	V-04-037				F																	437;3													V;149		2
F40C5	V-04-038			13386				V20	V20		V20		**30191**	49	27518	2142	482	1_6344	V20	V020	226;1	437;4	173;43	19;27	V;1810		873;8			84	6		3	49	72	V;151		19
F40C6	V-04-039				F																	437;5													V;153		2
F40C7	V-04-040			13387				V20A			V20A									V020A																	1
F40C8	V-04-041			13388				V20B			V20B									V020B			173;44												V;169		3
F40C9	V-04-042			13389				V20C			V20C									V020C																	1
F40CA	V-04-043			1338A				V20D			V20D									V020D																	1
F40CB	V-04-044			1338B				V20E			V20E									V020E																	1
F40CC	V-04-045			1338C				V20F			V20F									V020F																	1
F40CD	V-04-046			1338D				V20G			V20G									V020G																	1
F40CE	V-04-047			1338E				V20H			V20H									V020H																	1
F40CF	V-04-048			1338F				V20I			V20I		**272**			272				V020I																	2
F40D0	V-04-049			13390				V20J			V20J		**458**			458				V020J				19;29											V;167		4
F40D1	V-04-050			13391				V20K			V20K		**77**			77				V020K																	2
F40D2	V-04-051			13392				V20L			V20L		**13**			13				V020L																	2
F40D3	V-04-052			133AD				V20h	V20h		V20h		**104**	1		103				V040																	3
F40D4	V-04-053			133AE				V40B			V40B									V040A																	1
F40D5	V-04-054				B	S		V21A	V21A		V21A		**16**			15	1					226;2	437;6								2		1	10	15	L157		9
F40D6	V-04-055			13393		S		V21B			V21		**69**		50	19		1_6353	V21	V021		437;7	173;43	8;11			873;9			17						V;159		11
F40D7	V-04-056				C	S		V21	V21											V021C										7	1						3
F40D8	V-04-057				E			V117	V117		V117											231;1		173;47							1							3
F40D9	V-04-058				E			V117A	V117A		V117i											231;1									1							2
V05. Whip																																					
F40E0	V-05-001			13394				V22	V22		V22		**2706**	56	1399	1148	103	1_6359_00	V22	V022		437;8	174;6	19;31	V;1900		873;10			1				1	42	V;181		16
F40E1	V-05-002			13395				V23	V23		V23		**136**	75		39	22	1_6359_01	V23	V023	226;3	437;9					873;11			57				17	5	F;383		13
F40E2	V-05-003			13396				V23A	V23A		V23A		**190**	69	11	103	7		V23*	V023A	226;3	437;10		19;31						329	7	9	16		71	V;191		15
F40E3	V-05-004				A			V23B	V23B		V23B		**75**			75						226;3	437;12		19;31						12	14		4	21	3	F;385		10
F40E4	V-05-005				C			V65B	V65B		V65B											226;3	437;13								1	4		1		1	V;199		7
F40E5	V-05-006				F	S																437;14													V;185		2
F40E6	V-05-007																					437;15													V;187		2
F40E7	V-05-008																					438;1													F;387		2
F40E8	V-05-009				E			HA50B														438;2										2			F;389		3
F40E9	V-05-010																					438;3													F;391		2
F40EA	V-05-011				B			V65A	V65A		V65A		**2**			1	1					229;4	438;4								7	2	6	1		15	V;197		10

Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
			I consider this a rather overinterpretation of the sign used in Zivie-Coche, Tanis 3, p. 257-258, line 5, although it could be argued there is a horizontal line at the top of the sign.					
			PT token is simply V20 (no idea why the rotated one was used).					
overlay?, but not centered	Y	DIFF	Seems to occur when the text is arranged to fit something as if it is a normal I10. If used in this capacity, it needs to be atomic.					
			The distinction between V23 and V23A can be rather difficult. PT tokens can be read as both V23 and V23A.					
N	Y	DIFF	I am not sure if this variant is that valuable, as many of the TLA tokens could just as well be read as V23. Nonetheless, it does exist					
			Maybe, but rather similar to V23B. KU 3938, line 1					

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
		N (auto)		N						No sources given.	
Y/i	TSL	Y (v5.2)		Y				A roseo up herdsman's shelter of papyrus with an rectangle at either side of the loop.	Logogram aA > sA (protection).	Otherwise considered a papyrus bandolier worn by boatmen as life-preservers.	
		N (auto)		N						No sources given.	
Y/i	Dendera Porte d'Hathor, p. 52.11, p. 142.	Y (in core)		Y				A rolled up herdsman's shelter of papyrus, with an rectangle at either side and the top of the loop.	Logogram aA > sA (protection).	Sign occurs too often to exclude from Unicode.	
Y/i	Dendera Porte d'Hathor, p. 39,1, p. 106.	Y (in core)		Y				A rolled up herdsman's shelter of papyrus, with an rectangle at either side of the loop, and a cross on top of the loop.	Logogram aA > sA (protection).	Multiple of the JH-D tokens for F40B8 are actually this sign.	
Y/i	TSL	Y (v5.2)		Y				A rolled up herdsman's shelter of papyrus.	Logogram aA > sA (protection).		
Y/i	TSL	Y (v5.2)		Y				A hobble for cattle with a crossbar.	Logogram mD:t (stable).		
		N (manual)	N	N						Practically a duplicate of F40BE (V19).	
Y/i	TSL	Y (v5.2)		Y				A parabolic shape with a dot at each side.	Classifier shrine, chapel.	Due to the varied function, it is not really clear what this sign actually is.	
		N (auto)		N						No sources given.	
		N (auto)		N						No sources given.	
		N (manual)	N	N						Duplicate of F40C5 (V20).	
		N (manual)	N	N						Duplicate of F40C5 (V20).	
Y/i	TSL	Y (v5.2)		Y				A hobble for cattle without a crossbar.	Logogram mD (10).		
		N (manual)	N	N						Duplicate of F40C5 (V20).	
		Y (v5.2)		Y					20	Number	
		Y (v5.2)		Y					30	Number	
		Y (v5.2)		Y					40	Number	
		Y (v5.2)		Y					50	Number	
		Y (v5.2)		Y					60	Number	
		Y (v5.2)		Y					70	Number	
		Y (v5.2)		Y					80	Number	
		Y (v5.2)		Y					90	Number	
		Y (v5.2)		Y					20	Number	
		Y (v5.2)		Y					30	Number	
		Y (v5.2)		Y					40	Number	
		Y (v5.2)		Y					50	Number	
		Y (manual)	Y	N					10	Number	
		Y (manual)	Y	N					20	Number	
Y/i	KIU 4225, line 1.	Y/I! (in core)		Y/R				A cobra in repose (Naja haje) (I10), written over a hobble for cattle without a crossbar (V20).	Phonogram mD.	Only attested based on arrangement, overlay/F40D6 (V21) should suffice. Loop needs to be thinner without reducing the size of the snake (i.e., snake needs to have a visible neck).	
Y/i	TSL	Y (v5.2)		Y/R				A cobra in repose (Naja haje) (I10), written over a hobble for cattle without a crossbar (V20).	Logogram mD:t (stable).	Should technically be done through overlay now. Loop needs to be thinner without reducing the size of the snake (i.e, snake needs to have a visible neck).	
		Y (=D_ISeh/WG)		N		F40D6				All tokens are simply F40D6.	
Y/i	Dendera X, p. 328,13, pl. 215	Y (in core)		Y				Two loops of rope, with the ends curling outwards (V58), arranged horizontally, on top of a standard used for carrying religious symbols	Logogram brbr (19th nome of Upper Egypt).	Function based on Cauville (2001), although she adds a question mark.	
Y/i	Dendera X, p. 329,1, pl. 215	Y (in core)		Y				Two loops of rope, with the ends curling outwards (V58), arranged horizontally, on top of a standard used for carrying religious symbols (R12), written on top of a parcel of land with irrigation ditches (N24).	Logogram brbr (19th nome of Upper Egypt).	Function based on Cauville (2001), although she adds a question mark.	
Y/i	TSL	Y (v5.2)		Y				A whip.	Phonogram mit.		
Y/i	TSL	Y (v5.2)		Y				A whip, without internal detail.	Phonogram mit.		
Y/i	KIU 4262, line 17.	Y (v5.2)		Y				A whip with a loop at the front.	Phonogram mit.		
Y/i	Edfu VIII, p. 90,9, Bartels photo 0117	Y (in core)		Y				A whip without internal detail and a loop at the back.	Phonogram mit.	Not a meaningful variant for Unicode.	
		N (manual)	N	N						Dendera Porte d'Horus, p. 49,4, p. 136 would be better served by F40EA (V05A). JH-D token (Dendera XII, p. 100,4, verified by Peter Dils) is F40E2 (V23A) at best... Not a meaningful variant for Unicode.	
		N (manual)	N	N						Mirrored form of F50E3 (V23B).	
		N (auto)		N						No sources given.	
		N (auto)		N						No sources given.	
		N (auto)		N						No sources given.	
		N (auto)		N						No sources given.	
Y/i	Dendera Porte d'Horus, p. 49,4, p. 136	Y (in core)		Y				A whip with a loop at the front and the back.	Phonogram mit.	Based on its context, this sign is unlikely to be a meaningful variant of F40E2 (V23A).	

Comment MS	Change (Berlin)	Changes (post 19-02-2023)
	Yes	
	Yes	
	Yes	
	Yes	
	Yes	
	Yes	
	Yes	
	Yes	
	Yes	
	Yes	
	Yes	
	No/No.	
	No/No.	
	Redraw in place	
	Redraw in place	
Hathor 10,17 43,11		

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sis | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikr | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UC5	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caury	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F413D	V-D8-015				B	S		V76	V76			V76	10			10						460;1													N;573		3
F413E	V-D8-016				A	S		V77	V77			V77	48			39	9				229;6	460;2	173;52	2;39						39	17		1	8	18	D;271		12
F413F	V-D8-017				B	S		V78	V78			V78	1		1						229;7	460;3				1449;2				7						U;11		6
F4140	V-D8-018					S		V79	V79			V79										460;4													D;999		2
F4141	V-D8-019					S		V80	V80			V80										460;5													U;179		2
F4142	V-D8-020				B	S		V81	V81				1			1					229;8	460;6	19;37							10	2			4	V;249		8
F4143	V-D8-021				D			V119	V119			V119									231;2		173;53							1							4
F4144	V-D8-022							V82	V82			V82										460;7													D;427		2
F4145	V-D8-023					S																460;8													V;227		2
F4146	V-D8-024				F			V84B													V084B	460;9													V;225		3
F4163	V-D8-025				F			V84A		E5229											V084A										1						2
F4147	V-D8-026				B			V84	V84			V84	46			45	1					460;1	174;2	19;35					V80X	1	6	1			7	D;849 V;		11
F414B	V-D8-027				D	S		V85	V85			V85										460;11								2						D;847		3
F4149	V-D8-028					S		V86	V86			V86																										3
F414A	V-D8-029							V88	V88			V88										460;12													V;243		2
F414B	V-D8-030							V83	V83			V83										460;13													M;63		2
F414C	V-D8-031				C			V149										1_6994			V149																2
F414D	V-D8-032			1339D				V29	V29			V29	1417	85	695	531	106	1_6375	V29	V029	227;3	460;1	174;1	19;35	V;2500		873;17			3				16	26	V;235		17
F414E	V-D8-033							V118	V118			V118																										
F4164	V-D8-034				D			E5150		E5150											V028G										3						2
F414F	V-D8-035				E			V130	V130			V130	2			2																						1
F4150	V-D8-036							V138	V138			V138																										
F4151	V-D8-037							V139	V139			V139																										
F4152	V-D8-038				F																	460;15													V;233		2
F4153	V-D8-039				B			V29A	V29A			V29A	12			10	2				V029B	227;4	440;16												7	V;237		7
F4154	V-D8-040				B			V91	V91			V91	12			12						227;3	441;1							38	3	1	1	1	16	V;239		10
F4155	V-D8-041				F	S		DE205		DE205																				1							1
F4156	V-D8-042				F																	441;2													V;231		2
F4157	V-D8-043				B	S		V116	V116													441;3								12	1		1		4	V;255		6
F4160	V-D8-044				F	S		V81x				V81	1		1																						1
F4161	V-D8-045							V116x				V116																										
F4158	V-D8-046				F			V89	V89			V89	1				1					441;5													V;219		3
F4159	V-D8-047			1339E		S		V90	V90			V90	9			4	5		V29*	V029A	230;1	441;6		19;39		1449;4	874;13			1					5	V;217		12

Vols	Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
n		N		Overlay.					overlay
n		N		Overlay.					overlay
		N		Overlay.					
				V81 in Jesh is V90, with the V29 behind the V31. Badly damaged in Karnak, but based on the function (sk), I find it unlikely it is not V90.					
		N							
R		Y	DIFF	KIU 3947, line 1 is a variant with 2 loops (see attached image). Abusir XX, pl. 4a, line 11 has a variant with only one tick (see attached image, is the same form used in P. Turin (Botd), and the forms used in the victory stela of piye. Should become a class of V23. Maybe adjust grapheme of V84, to either the padlhor form or Karnak form?					

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikeı | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
																																					dḥḥ	
F422D	V-16-015				B	S		V106	V106			V106									230;6	446;5	174;10	2;28	20;9						35						W;135		6
F422E	V-16-016				D	S		V141		V141														20;9						2								2
																																			dḥḥ(w)		
F422F	V-16-017				F	S		V137	V137			V137										446;6														W;137		2
F4230	V-16-018					S		V107	V107			V107																										
F4231	V-16-019				F	S		DE220		DE220																				1								1
F4232	V-16-020					S		V125	V125			V125																										
F4233	V-16-021					S																446;7														W;139		2
																																			dḥḥ		
F4234	V-16-022				F	S		V134	V134			V134										446;8														W;121		2
																																			dḥḥw		
F4235	V-16-023				C	S		V133	V133			V133									231;4	446;9								1				3	W;119		5
F4236	V-16-024				F	S		V142		V142																				1								1
F4237	V-16-025				E	S		V108	V108			V108																						2				1
F423B	V-16-026				F	S		V144		V144																				1								1
F4239	V-16-027					S																446;10														W;123		2
																																			dḥḥ		
F423A	V-16-028				E	S		V109	V109			V109										446;11		20;9												W;125		3
F423C	V-16-029				F	S		E5021		E5021																					1								1
F423B	V-16-030																					446;12														W;109		2
V17. Net																																						
																																			wḥ(t)		
F4250	V-17-001				F																	446;13														T;407		2
																																			ᵓḥ.ḫwn		
F4251	V-17-002				B			V110	V110			V110	**29**	19		10					230;7	446;1	174;17	17;42		1449;7	875;2		4							T;405		10
F4253	V-17-003							V110B												V110B																	
																																			m		
F4252	V-17-004				F			V110A	V110A			V110/																								T;403		1
V18. V type; varia																																						
F4260	V-18-001							V36C	V36C			V36C																										
F4261	V-18-002							V111	V111			V111																										
F4262	V-18-003				F			V112	V112			V112	1	1																								1
F4263	V-18-004							V121	V121			V121																										
F4264	V-18-005							V124	V124			V124																										
W.XXIV. Vessels of stone and earthenware																																						
W01. Oil vessel																																						
																																			wrḥt;ḥt.ẖ.ḥt;mḏḥ;wrḥt		
F4270	W-01-001			133AF				W1	W1			W1	**222**	3	42	138	39	1_6480	W1	W001	232;1	447;1	174;18	20;2		W;6100		875;3		1				8	W;31		16
F4271	W-01-002			133B0				W2	W2			W2	**228**	9	23	172	24	1_6534	W2	W002				20;3		W;6110		875;4						1				11
																																			wᶜḫ		
F4272	W-01-003				F			W110	W110			W110																								W;33		1
																																			ḥ'wt		
F4273	W-01-004				B			W1B	W1B			W1B	**10**			2	8				232;1	447;2												2	W;35		6
																																			pᵓ		
F4274	W-01-005				E			W1A	W1A			W1A	1				1					447;3														W;37		3

Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
F4275	W-01-006																					447;4														W;51	2
F4276	W-01-007				F																	447;5														W;43	2
F4277	W-01-008																					447;6														W;49	2
F4278	W-01-009				B		W27B	W27B			W27B	JSesh	3			3					236;3	447;7							1			3		4	W;75	7
F4279	W-01-010				A		W27	W27			W27	JSesh	5			1	4	1_6574			236;1	447;8	174;18	20;4					131		2			2	W;81	11
F4287	W-01-011				E		E522B		E522B											W027C									1	1						3
F427A	W-01-012				B		W28	W28			W28	JSesh	34			2	32				232;2	447;9							1	1				4	W;29	8
F427B	W-01-013																					447;10														W;45	2
F427C	W-01-014				B		W29	W29			W29	JSesh	14	7		7					236;4	447;1	174;18				1449;11	877;2		1	8			5	52	W;27	12
F427D	W-01-015				C		W27A	W27A			W27A	JSesh	5			4	1	1_6575			236;2		20;5												W;77	7
F427E	W-01-016						W28	W28			W28																											
F427F	W-01-017				B		W30	W30			W30	JSesh	24	2		22						447;12					1449;12	877;3								W;55	6
F428D	W-01-018				C		W31	W31			W31	JSesh	7	3		4						447;13														AA;241	4
F4281	W-01-019																					447;14														AA;243	2
F4282	W-01-020																					448;1														W;267	2
F4283	W-01-021				F		W32	W32			W32	JSesh										448;2														W;47	2
F4284	W-01-022																					448;3														W;41	2
F4285	W-01-023				B		W33	W33			W33	JSesh	33	22		11						448;4					1449;13	877;4								W;39	6
F4286	W-01-024				C		W32A	W32A			W32A										236;5	448;5								2						W;157	4
W02. Alabaster basin																																				
F4290	W-02-001			13181			W3	W3			W3	JSesh	1635	19	625	790	201	1_6580	W3	W003	232;3	448;6	174;40	20;1		W;2800		875;5		207	4	14	18	19	69	W;1	20
F4291	W-02-002			13182			W3B			W3B								1_6580	W3*	W003A																W;3	3
F4292	W-02-003				C		W3A	W3A			W3A									W003C		448;7		20;1										1	1	W;13	6
F4293	W-02-004																					448;8														W;7	2
F4294	W-02-005																					448;9														W;9	2
F4295	W-02-006																					448;10														W;5	2
F4296	W-02-007																					448;11														T;525	2
F4297	W-02-008				F																	448;12														T;529	2
F4298	W-02-009			13184			W5	W5			W5		13			13		1_6614_00	W5	W005	232;5	448;1	174;41	17;50		W;2850		875;7		2						T;527	12
F4299	W-02-010				C		W5A	W5A			W5A							1_6614_01				448;14														T;531	3
F429C	W-02-011						W58													W005B																	
F429A	W-02-012				B		W38	W38			W38		12	1		11						448;15														W;535	4

Comment DW	Yote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP
	Y		All three TLA attestations are a different sign (not yet in Jsesh), see ACEr 18, pl. 55 (only in facsimile).					
	?	DIFF	wrnout a aouot exists, out one could wonder if all the W27 forms should be encoded in Unicode.					
	Y							
	Y							
cf. W27	Y		wrnout a aouot exists, out one could wonder if all the W27 forms should be encoded in Unicode.					
	Y		pl. 35 (note that both tokens hint at something at the top, but I cannot say if that is intentional), has this sign, but it is graphically (not functionally), similar to W108 (as there is no internal detail).					
rotated version of variant of W30, W108? all three tokens in PT one single word and text witness (all three mirrored)	N?		PT 1902b, P/F/Se 54 is a different type of vessel, more like W62 on its side (see MIFAO 118, fig. 111; All TLA tokens are from the same source, Giza XI, p. 124, abb. 58, but could be represented by W30 on its side.					
								Could not verify the shape. According to Mdc (p. 202), the base should be much smaller (elongated cup for ungent)
N	Y	DIFF	All PT tokens should have been represented by W30 (without internal detail), which is true for the TLA tokens as well. As the base is remarkably broad in this grapheme, I assume it is supposed to be a different type of vessel.					
identical to W003			Should not have existed.					
			Note that one of the TSL tokens technically used W11/W11A instead of T28.					
our design lower part like in W005	Y	DIFF	TSL token supports current form more, but for uniformity I can accept a T28 form.					
			Beleg 1-7 are actually a variant of M39 (with a V30 like base, instead of the W10 like form), this is the case in Beleg B-11 as well. PT token (P/F/Se 66) is not even remotely this sign (visible part looks like G28).					
N	Y	DIFF						

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
		N (auto)		N						No sources given.	
										wrassicany a duplicate of F427D (W1). (the only distinction is that the vase tapers a bit more out at the bottom, not meaningful).	
		N (manual)	N	N							
		N (auto)		N						No sources given.	
Y/I	Dendera VIII, p. 6,13	Y (in core)		Y				A perfume jar with triangular handles, with a round lid with a triangular	Phonemogram bAs.	Verified by Peter Dils.	
Y/I	Dendera Porte d'Hathor, p. 41,11, p. 109.	Y (in core)		Y				A sealed perfume jar with triangular handles, with a round lid, with ties.	Phonemogram bAs.		
Y/I	Dendera, Porte d'Hathor, p. 27,1, p. 95 (Brand).	Y (in core)		Y				A sealed vessel with triangular handles, with a round lid without knob.	Classifier oil, unguent (ibr)	F427B (W1/10) without the knob at the top. Not really sure if this would be a meaningful variant.	
Y/I	KIU 1876, line 1.	Y (in core)		Y				A tall vessel with a round lid with rim, without knob.	Classifier oil, unguent (mD.t)	Note that the source is written on its side.	
		N (auto)		N						No sources given.	
Y/I	Lüddeckens 7, p. 70-75, p. 39, 41, fig. 61 (below the offering table, final sign.	Y (in core)		Y				A tall vessel with a round lid without rim, without knob.	Classifier liquid, fluid (D.t bnI.t).		
Y/I	TSL	Y (in core)		Y				A sealed perfume jar, without handles, with ties.	Classifier oil, unguent (sgn)		
		N (auto)		N						No sources given.	
Y/I	ACEr 18, p. 42-45, pl. 17, 53 (above offering table).	Y (in core)		Y				An ointment jar witout seal.	Classifier oil, unguent (HA.t)(t)		
		N (manual)	N	N						Not supported/rotations of F427F (W30).	
		N (auto)		N						No sources given.	
		N (auto)		N						No sources given.	
Y/I	Edfu II, p. 210,1, Edfu XII, pl. CCCXCI.	Y (in core)		Y				A vessel which widens at the base, with a rectangular lid.	Classifier/logogram oil, unguent (mrH.t).	Note however that the source could be argued to be F428S (W33) instead (there is no clear rectangular lid, but there is something).	
		N (auto)		N						No sources given.	
		N (manual)	N	N		F420B				Cannot be supported.	
Y/I	Edfu II, p. 214,7, Edfu XII, pl. CCCXCVI.	Y (in core)		Y				A vessel with a rectangular lid.	Logogram/mone mogram mD.t(y) (oil, unguent).		
Y/I	TSL	Y (vS.2)		Y				An alabaster basin with a diamond shaped inner marking.	Logogram H(A)b (festival).		
		N (manual)	N	N						Resized form of F4290 (W3).	
								An alabaster basin with a diamond shaped inner marking, with additional internal decoration / A wickerwork basket with a diamond shaped inner marking and with the wickerwork structure visible.			
Y/I	Dendera XII, p. 218,6, pl. 135	Y (in core)		Y					Logogram nb (lord)	Functionally a variant of V30, hence the double description.	
		N (auto)		N						No sources given.	
		N (auto)		N						No sources given.	
		N (auto)		N				A quarter s oioox, with a vertical line as internal		No sources given.	
		N (auto)		N						No sources given.	
								A quarter s oioox, with a vertical line as internal decoration, on top of an alabaster basin with a diamond shaped			
Y/I	TSL (W5, token TSL_3_18985)	N (manual)	N	N					Logogram Xr.y-H(A)b.t (lector priest).	Practically a duplicate of F429B (W5).	
								A butcher's block (T28), on top of an alabaster basin with a diamond shaped inner markine (W3).	Logogram Xr.y-H(A)b.t (lector priest).		
Y/I	TSL	Y (vS.2)		Y							
										Redrawn as F429L. (Redraw the block to be in line with F429B (W5).)	
		N (manual)	N	N		F429C					redrawn as F429C
								An alabaster basin with a diamond shaped inner marking (W3), on top of a butcher's block (T28).			
Y/I	TSL	Y (in core)		Y					Logogram Xr.y-H(A)b.t (lector priest).	Redrawn form of F4299.	
		Y (<=D_Etah/WG)		N						Not supported.	

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikev | Cauv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description with a diamond shaped inner marking (W3), with two forearms coming from the top the basin, forearms and hands vertical, handpalms inwards, with a forearm, with the palm of the hand facing upwards (D36) written over the arms. | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sta | GID | HG | HGx | Down | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikem | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhon | Weight | Vots | Comment DW | Yote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unikei | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhon | VP Val | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differently | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differently | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Siz	GID	HG	HGx	Dour	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL
F438C	W-11-014				B			W127		W127								
F438D	W-11-015																	
F438E	W-11-016																	
F438F	W-11-017				F													
F4390	W-11-018																	
F4391	W-11-019				C			W59B					4				4	
F4392	W-11-020			133CC				W24	W24			W24	24735	2026	6200	14756	1753	1_6571
F4393	W-11-021				F													
F12F7	W-11-022				E			W25A	W25A			W25A	1			1		
F12F8	W-11-023			133CE				W25	W25			W25	3885	455	2099	1162	169	1_6572
F12F9	W-11-024							W101	W101			W101						
F12FA	W-11-025																	
F12FB	W-11-026																	
F4394	W-11-027			133CD		S		W24A			W24A							
F4395	W-11-028				F			W124	W124			W124						
F4396	W-11-029				F			W126	W126			W126						
F43F6	W-11-030							W126A										
F4397	W-11-031																	
F4398	W-11-032																	
F4399	W-11-033																	
F439A	W-11-034																	
F439B	W-11-035							W58	W58			W58						
F439C	W-11-036				D			W64	W64			W64	1	1				
F439D	W-11-037				B			W65	W65			W65	95	73		10	12	
F439E	W-11-038				C			W65A										1_6983
F439F	W-11-039				C			W65B										1_6982
F43A0	W-11-040																	
F43A1	W-11-041				B			W66	W66			W66	38	31		7		
F43A2	W-11-042			133CA				W22	W22			W22	3238	185	1201	1793	59	1_6559
F43F1	W-11-043				D			W214					3			3		
F43F5	W-11-044				F			HO5305										
F43A3	W-11-045				D			W67	W67			W67	1	1				

Index	Gardi	Uniker	Cauv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richn	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhon	VP Val	Weight
F438C				455;15								51	1	6	1					5
F438D				456;1														W;73		2
F438E				456;2														W;244		2
F438F				456;3														W;511	*ib*	2
F4390				456;4														W;509		2
F4391						20;36														2
F4392	W24	W024	235;4	456;5	174;31	20;37			876;12			8304	812	318	350	107	4002	W;513	*mnw;nw;ḫnw*	19
F4393				456;6														W;515	*imnyt;in;wdp;m;mn;n;nw;r ;ḥ;ḥbb;ḫ;ḫn;ḫnw*	2
F12F7																1				2
F12F8	W25	W025	235;5	118;1	174;34	2;99			877;1			614	42	22	12	37	459	D;1107	*in;m;n;nm*	19
F12F9						2;99b														1
F12FA				118;12														D;1109		2
F12FB				118;13														D;1111		2
F4394	W24*	W024A				12;7 20;39												w;531	*mn;nw;nn;ḫnw*	4
F4395						20;43												W;533	*r*	2
F4396																		W;557	*ꜣbw*	1
F43F6																				
F4397				456;7														W;519		2
F4398				456;8														W;517		2
F4399				456;9														W;497		2
F439A				456;10														W;495		2
F439B				456;11														W;537		2
F439C				456;12				1449;19	877;12					1				W;67		6
F439D			238;4	456;13								1					1	W;551	*wbꜣ;wdp;wdḥ;ḥkt;šꜣt*	8
F439E		W065A																		2
F439F		W065B																		2
F43A0				456;14														W;549		2
F43A1				456;15				1450;1	877;13		W800	1	1		5					9
F43A2	W22	W022	235;2	456;1	174;19	20;35			876;10			7	1			1	6	W;493	*ḥnw*	17
F43F1																				1
F43F5		W130													1					2
F43A3				457;2				1450;2	877;14									W;539		5

Index	Vote	Comment DW	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP
F4391		Karnak-made glyph with top different	?	DIFF	W23 is variable enough, I don't think this addition is worthwhile.					
F12F7					TLA token is marked as uncertain.					
F4394					Should not have existed, as it could be done by arrangement.					
F439C					PT token (PT 816b (P)) is a misinterpretation for M194 (classifier db (fig)).					
F439D			Y		Grapheme exists without a doubt, but I am not sure if the addition to Unicode is that valuable, as I wonder in how many cases W22 would be a better fit.					
F43A1	Y		Y		the same as the W24 in the same text, and the distinction seems to be based more on the function, rather than the grapheme. with 1 W24 and two W66 (classif tx).					
F43F1		TLA build sign W214;	Y	DIFF	No idea where this occurs.					
F43A3					Token is damaged, and from Neith, I doubt it exists.					

Index	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F438C			N (auto)		N						survey, this sign would be just as well represented by F4381 (W59). (based on function, this sign seems to be intended to be a variant of W59.				
F438D			N (auto)		N						No sources given.				
F438E			N (auto)		N						No sources given.				
F438F			N (auto)		N						I currently have no access to Gutbut, Kom Ombo 1, p. 109,4, verified by Peter Dils, is F34.				
F4390			N (auto)		N						Practically a duplicate of F4391 (W59B) or F438B (W23).				
F4391			N (auto)		N						Minor variant of F438B (W23) at best, not meaningful for Unicode.				
F4392	Y/i	TSL	Y (v5.2)		Y				A round vessel with an upstanding rim.	Phonemogram nw.					
F4393			N (manual)	N	N						Practically a duplicate of F4392 (W24).				
F12F7			N (auto)		N						**Moved.** Not supported. Move to category W11. Recipients: varia (near F4392 (W24)), in the same manner as F40B0 (V15) and F40AC (V14).				
F12F8	Y/i	TSL	Y (v5.2)		Y				an upstanding rim (W24), on top of long legs in a walking posture, feet orientated towards the reading direction.	Phonemogram in(i).	**Moved**. Move to category W11. Recipients: varia (near F4392 (W24)), in the same manner as F40B0 (V15) and F40AC (V14).				
F12F9	Y/i	Louvre C15, list of gods, between Amon and Min.	Y (in core)		Y				A round vessel with an upstanding rim (W24), on top of long legs in a walking posture, feet orientated towards the reading direction (W25), on top of the sky (N1).	Phonemogram in-Hr.	**Moved**. Move to category W11. Recipients: varia (near F4392 (W24)), in the same manner as F40B0 (V15) and F40AC (V14).				
F12FA			N (manual)	N	N						**Moved**. Meaningless variant of F12F8 (W25). Move to category W11. Recipients: varia (near F4392 (W24)), in the same manner as F40B0 (V15) and F40AC (V14).				
F12FB			N (manual)	N	N						**Moved**. Meaningless variant of F12F8 (W25). Move to category W11. Recipients: varia (near F4392 (W24)), in the same manner as F40B0 (V15) and F40AC (V14).				
F4394			N (manual)	N	N						Pre-control characters artifact, should now be done through arrangement.				
F4395	Y/i	Kom Ombo, 262,10, p. 356,11 (= Morgan, KO II, no. 663 (p. 100).	Y (in core)		Y				Three round vessel with an upstanding rim (W24), arranged horizontally, on top of a rectangular base or tray.	Phonemogram r.	Verified by Peter Dils. Kurth/Valeurs token (Esna III 217,21, p. 57,4) could not be verified with an image. I currenlty have no access to Gutbub, Kom Ombo, 262,10, p. 356,11.				
F4396			N (manual)	N	N		F43F6							Wait	Yes Redraw in new row.
F43F6	Y/i	de Morgan, Catalogue de Monuments II, p. 71, nr. 74.	Y (in core)		Y				A granite vessel with small handles, written inside a diamond shaped enclosure, in which the ends of the lines overlap.	Logogram Abw (Elephantine).	Kom Ombo, I currently cannot verify it with an image (de Morgan, Catalogue de Monuments II, p. 71, nr. 74)				
F4397			N (auto)		N						No sources given.				
F4398			N (auto)		N						No sources given.				
F4399			N (auto)		N						No sources given.				
F439A			N (auto)		N						No sources given.				
F439B			N (auto)		N						No sources given.				
F439C			Y (>=D,JSeh/HG)		N						Hannig did not provide a source (gs, leathercutter)				
F439D	Y/i	KIU 1834, line 4.	Y (in core)		Y				A long, pointed vessel, written vertically.	Classifier liquid, fluid (HD.t).	Due to the potential of confusion with F439E, should not be allowed to rotate.				
F439E	Y/i	TSL	Y (in core)		Y				A long, pointed vessel, written horizontally.	Classifier jar, vessel (dSr.yt).	Should not be allowed to rotate.		pointed vessel on its side		
F439F	Y/i	TSL	Y (in core)		Y				A long, broken, pointed vessel, written horizontally.	Classifier breaking, destroying (sD).	Should not be allowed to rotate.		broken pointed vessel on its side		
F43A0			N (auto)		N						No sources given.				
F43A1	Y/i	Edfu VIII, p. 55,5, 55,13, Bartels photo 0070.	Y (in core)		Y				A rounded beer-jug.	Classifier alcoholic beverage (tx).					
F43A2	Y/i	TSL	Y (v5.2)		Y				A beer-jug.	Logogram Hnq.t (beer).					
F43F1			N (auto)		N						Not a meaningful entry, can be easily covered by either W22 or W125 based on its shape.		TLA W214		
F43F5	Y/i	Dendera, Porte d'Horus, p. 53,12, p. 143	Y (in core)		Y				A vase with the head of a human, seen in profile.	Logogram Sps.y (libation vase).	I cannot say with complete certainty that this vase is human headed, but it seems likely.		Horus 53,12		
F43A3	Y/i	Merenre, M/C med/E 82 (PT 1140b, Sethe column 637), MIFAO 140, fig. 21.	Y (in core)		Y				A well with a straight line of water (N42), with a horizontal tube attached at the back.	Classifier to fill (aHb.t).	**Redrawn in place.** (Redraw sign, replacing the vessel with a N42 form instead (see H&S W;8300). Seems to be an error that sneaked in at some point.)		redrawn in place		

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caurv | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhor | VP Val diff. | Weight | Vots | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual Inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sta	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikee	Caurw	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F4487	X-06-008				F																	463;12														X;53		2
F290E	X-06-009				B			X6A	X6A		X6A		48			45	3				X006G			21;11											5	N;219		6
F290C	X-06-010				F																	267;14														N;225		2
F448B	X-06-011				B			X6B	X6B		X6B		13			10	3					241;3	463;13	21;12						45		4	4		6	X;51		10
F448B	X-06-012				F																	463;14														X;55		2
X07. Bread type S (X8)																																					
F44A0	X-07-001			133D9				X8	X8		X8		6478	1079	370	1755	3274	1_6711	X8	X008	241;4	464;1	174;51	21;16	X;1200		879;6			581	49	46	41	28	303	X;101		20
F44A1	X-07-002			133DA				X8A			X8A									X008A					X;1300												2
X08. Other breads																																					
F448D	X-08-001			133D8				X7	X7		X7		126	51		74	1	1_6710	X7	X007			15;7		X;1000		879;5										9
F4481	X-08-002				C			X7A										1_6974																				1
F4482	X-08-003				D			X13	X13		X13		2			2								21;13												X;72		3
F4483	X-08-004							X10	X10		X10														X;1500													1
F4484	X-08-005							X12	X12		X12																											
Y.XXVI. Writings; games; music																																					
Y01. Papyrus scroll																																					
F44C0	Y-01-001				B	S		Y2v	Y2v		Y2v		25	1		24		1_6712_03				465;1						Y002A							Y;7		6
F44C1	Y-01-002			133DD				Y2	Y2		Y2		1172	402	1	765	4	1_6712_02	Y2	Y002		465;2			Y;0103		879;9				1				Y;5		12
F44C2	Y-01-003																					465;3														Y;1		2
F44C3	Y-01-004																					465;4														Y;3		2
F44C4	Y-01-005			133DC				Y1v	Y2v		Y1v		406		28	377	1	1_6712_01	Y1v	Y001A		465;5												28	15	Y;11		10
F44C5	Y-01-006			133DB				Y1	Y1		Y1		55350	77	31472	21346	2455	1_6712_00	Y1	Y001	242;1	465;6	175;1	22;1	Y;0100		879;8			1162	146	43	46	70	700	Y;9		20
F44C6	Y-01-007				A			Y1B			U524I		123			123				Y001B																	2
F44C7	Y-01-008																					465;7														Y;13		2
F44C8	Y-01-009				C			Y2A										1_6712_04																				1
F44C9	Y-01-010				E			Y10	Y10		Y10		2	2								465;8														Y;17		3
F44CA	Y-01-011																					465;9														Y;15		2
F44CB	Y-01-012																					465;10														Y;19		2
F44CC	Y-01-013							Y22	Y22		Y22																											
F44CD	Y-01-014				D			Y23	Y23		Y23		1			1										1450;15	880;4											3
Y02. Scribal kit; graver																																					
F44E0	Y-02-001				F																	465;11														Y;27		2
F44E1	Y-02-002				A			Y4A	Y4A		Y4A		115			115					242;3	465;12							14				2	2	Y;29		7
F44E2	Y-02-003			133DF				Y4	Y4		Y4		217	2	37	138	40	1_6740_01	Y4	Y004	242;3	465;13			Y;0200		879;11						1		1	Y;31		14
F44E3	Y-02-004				F																	465;1														Y;25		2
F44E4	Y-02-005			133DE				Y3	Y3		Y3		4458	44	3282	1119	13	1_6740_00	Y3	Y003	242;3	466;2	175;2	22;3	Y;0200		879;10				2		1		2	Y;23		17
F44E5	Y-02-006							Y3A	Y3A		Y3A																											

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples
		N (auto)		N							
Y/I	KIU 3506, line 5.	Y (in core)		Y				A round loaf with an half circle finger mark at the bottom.	Phonemogram pA.t.	**Moved**. (Move to category X (it's a type of round bread, i.e., X1).)	
		N (manual)	N	N						**Moved**. (Practically a duplicate of F2906 (X6A), functionally a piece of bread.)	
Y/I	KIU 3552, line 5.	Y (in core)		Y				A round loaf with four curved imprints.	Classifier offering, cake, loaf (hh.wb)).		
		N (manual)	N	N						Valeurs token is F3FB2 (U302A).	
Y/I	TSL	Y (v5.2)		Y				A conical loaf of bread, with a triangular finger mark at the bottom.	Phonemogram Di > di		
Y/I	TSL	Y (v5.2)		Y				A conical loaf of bread without internal detail.	Classifier bread (t-HI2).	Too similar to F27D1 (M44), would only lead to confusion and misuse. Would normally be represented by F44A0 (X8), if there is detail or not.	
Y/I	TSL	Y (v5.2)		Y				A half loaf of bread.	Classifier food (gn).		
Y/I	TSL	N (manual)	N	N				Two half loafs of bread, arranged vertically.	Classifier to eat (wnm).	Technically has a distinct function from F44B0 (X7) (wnm), but can be made through arrangement.	
		Y (n=0_iSeh/HG)		N						not supporses. (and likely a duplicate of F3E95 (U308)).	
										Redraw the sign, making it wider and shorter. Supposed to occur in the the Mastaba of Meneferi (Berlin 1108), but I cannot locate a more recent image than Lepsius II, pl. 69, for some reason (I am sure more up to date work should exist, but for some reason I cannot locate it).	
Y/I	Lepsius II, pl. 69. (Berlin 1108, mastaba of Meneferi).	Y/R (in core)		Y/R				Four flat breads stacked on top of each other.	Classifier bread (t-im.y-tA).		
		N (auto)		N						No sources given.	
Y/I	TSL	N (manual)	N	N				A papyrus scroll, rolled up, tied and sealed, written vertically.	Logogram mDA.t (papyrus scroll, book).	Rotated form of F44C1 (Y2).	
Y/I	TSL	Y (v5.2)		Y				A papyrus scroll, rolled up, tied and sealed, written horizontally.	Classifier writing, things written (mdw).		
		N (manual)	N	N						Meaningless size variants of F44C1 (Y2).	
		N (manual)	N	N						Meaningless size variants of F44C1 (Y2).	
Y/I	TSL	N (manual)	N	N				A papyrus scroll, rolled up, tied and sealed, written vertically, with ties.	Logogram mDA.t (papyrus scroll, book).	Pre-control characters artifact. Should now be achieved through rotation.	
Y/I	TSL	Y (v5.2)		Y				A papyrus scroll, rolled up, tied and sealed, written horizontally, with ties.	Classifier abstract words (nspd.w).		
Y/I	TSL	Y (in core)		Y				A papyrus scroll, rolled up, tied and sealed, written horizontally, with one tie at the front of the seal.	Classifier abstract words (gr).		
Y/I	TSL (Y1, token TSL_3_21790).	N (manual)	N	N				A papyrus scroll, rolled up, tied and sealed, written horizontally, with ties and internal detail.	Classifier abstract words (ns.yt).	Not a meaningful variant of F44C5 (Y1). (more elaborate detail).	
Y/I	TSL	N (manual)	N	N				A papyrus scroll, rolled up.	Classifier abstract words (DA.w).	much too sexey to ee misused, should not be included.	rolled up papyrus scroll
		N (auto)		N						In PT tokens, a variant of F1AD3 (H1A). Not this sign.	
		N (auto)		N						No sources given.	
		N (auto)		N						No sources given.	
		N (auto)		N						No sources given.	
Y/I	Cairo CG 1533 (Borchardt AR I, pl. 47).	Y (in core)		Y				Two flutes, connected to each other.	Classifier double flute (mA.t)	Practically a hapax in this detailled form, but it does exist.	
		N (manual)	N	N						inaccuracy a duplicate of F4481 (Y4A).	
Y/I	Dendera XI, p. 143,9, pl. 118, bottom image, bandeau.	N (manual)	N	N				A scribe's kit, consisting of a palette, ink or paint pouch and a simplified reed pen, with the reed pen towards the front.	Logogram s5 (scribe).	Mirrored form of F44E7 (Y3C).	
Y/I	TSL	N (manual)	N	N				A scribe's kit, consisting of a palette, ink or paint pouch and reed pen, with the reed pen towards the front.	Logogram s5 (scribe).	Pre-control characters artifact. Should now be done though mirroring (F44E4 (Y3)).	
		N (manual)	N	N						meaningless variant of F44E2 (Y4).	
Y/I	TSL	Y (v5.2)		Y				A scribe's kit, consisting of a palette, ink or paint pouch and a reed pen.	Logogram s5 (scribe).		
		N (auto)		N						No sources given.	

Comment MS	Change (Berlin)	Changes (post 19-02-2023)
~~		
half bread		
	No/No.	
	Wait	Redraw in place.

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikee	Caurw	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F44E6	Y-02-007				F			Y3B	Y3B			Y3B										242;2								1								2
F44E7	Y-02-008				B			Y3C	Y3C			Y3C	17			17						242;3	466;3	22;3						22					1	Y;32		7
F44E8	Y-02-009				C			Y3D										1_6740_02																				1
F44E9	Y-02-010				C			Y11	Y11			Y11	2			2						466;4	175;3	22;4	Y;0300								4			Y;35		7
F44EA	Y-02-011							Y25	Y25			Y25																										
F44EB	Y-02-012							Y12	Y12			Y12										466;5		22;5												Y;33		3
F44EC	Y-02-013							Y13	Y13			Y13										243;1	466;6	22;6												Y;37		4
F44ED	Y-02-014				F			Y27	Y27			Y27										243;6	484;4	175;5	22;7											Y;43		5
F44EE	Y-02-015																						484;5													Y;47		2
F44EF	Y-02-016																						484;6													Y;49		2
F44F0	Y-02-017			13418				AA10	AA10			Aa10	28	20	2	5	1	1_932	Aa10	AA010							882;9							1			9
Y03. Game board and piece (Senet)																																					
F4500	Y-03-001				F																	466;7													Y;57		2
F4501	Y-03-002			133E0				Y5	Y5			Y5	20172	608	7589	4707	7268	1_6746	Y5	Y005	242;4	466;8	175;4	22;8	Y;1000		879;12			576	54	25	18	52	210	Y;55		20
F4502	Y-03-003				F																		466;9													Y;53		2
F4503	Y-03-004							Y5A	Y5A			Y5A											466;10													Y;61		2
F4504	Y-03-005			133E1				Y6	Y6			Y6	43	9	2	31	1	1_6748	Y6	Y006				22;9			879;13								Y;63		10
F4505	Y-03-006							Y14	Y14			Y14																										
F4506	Y-03-007							Y3D																														
Y04. Harp																																					
F4510	Y-04-001			133E2				Y7	Y7			Y7	4			3	1	1_6749	Y7	Y007		466;1	175;11	22;10	Y;3000		880;1									Y;65		11
F4511	Y-04-002				C			Y7A	Y7A			Y7A									242;5	466;12		22;10	Y;3001					1	3					Y;67		7
F4512	Y-04-003																					466;13													Y;69		2
F4513	Y-04-004				F	S		Y7B													242;5	466;14													Y;73		3
F4515	Y-04-005				D			DE212		DE212										Y007D										1		2					3
F4514	Y-04-006							Y7C																														
F4517	Y-04-007				F			H05303												Y007E												1					2
F4516	Y-04-008				C			Y16	Y16			Y16										467;1		22;10									4			Y;75		4
Y05. Tambourine and ball																																					
F4520	Y-05-001				C			Y17	Y17			Y17	2	2								467;2	175;10	22;11												Y;77		5
F4522	Y-05-002							Y17A																														
F4521	Y-05-003				A			Y24	Y24			Y24	474	459		14	1				243;5	471;1	175;12	17;25	22;15		1450;16	880;5			5	154				232	N;99		13
Y06. Sistrum																																					
F4530	Y-06-001				B			Y18A	Y18A			Y18A	2				2				243;4	467;3														Y;81		6
F4531	Y-06-002				F																	467;4													Y;87		2
F4532	Y-06-003				B			Y18	Y18			Y18	23			17	6				243;2	467;5	175;8	22;12						20	6	9	13	2	10	Y;83		13
F4533	Y-06-004							Y18G														467;6													Y;85		2
F4534	Y-06-005				B			Y18E		Y18E												467;7								45			1			Y;91		4

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
								A scribe's kit, consisting of a palette, ink or paint pouch and a reed pen, with the pallet resembling the counterweight of a necklace (S18A), and the reed pen resembling a forked pole for supporting a roof (D30).						
Y;1	Dendera X, p. 151,1d, pl. 75 (bandeau).	Y (in core)		Y					Logogram s5 (to write, to draw).					
								A scribe's kit, consisting of a palette, ink or paint pouch and a simplified reed pen.	Logogram s5 (scribe).	Not a meaningful variant of F44E4 (Y3).			Yes	
Y;1	TSL	Y (in core)		Y				A scribe's kit, consisting of a pallet and an ink or paint pouch.	Classifier red (T)m(s).	Not sure if this would be meaningful or not.		scribe kit	Yes	
Y;1	Edfu VII, 127,1, Barteis photo (wall) 345.	Y (in core)		Y				A scribal pallet.	Classifier scribal pallet (gsty)					
		N (auto)		N						No sources given.				
Y;1	Edfu VII, 127,1, Barteis photo (wall) 345.	Y (in core)		Y				Scribe's water pot.	Classifier (scribal water pot).	Not simply an insertion, but a distinct object.				
		Y (manual)	Y	N						Cauville token (Dendera V, 68,11, pl. CCCLXXIII) is not this sign. Kurth token (Edfu III, p. 190,2, verified by Peter Dils) is more like M40B (more a plant/tree than a brush). *Added manually to the full list for backwards compatibility.*				Yes/No
Y;1	Dendera VII, p. 204,1.	Y (in core)		Y				An writing tablet with a round top, with a vertical line at either side of the tablet.	Classifier writing tablet (sn).	Verified by Peter Dils. Cauville token (Dendera VII, p. 204,1) could not be verified with an image. Nor could the Valeurs/Kurth token (Dendera VIII, 84,2).			Yes	
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
Y;1	TSL	Y (v5.2)		Y				A graver.	Classifier writing (drf).			graver		
		N (manual)	N	N						newmingness variant of F4501 (Y5).				
Y;1	TSL	Y (v5.2)		Y				A game board (of Senet) with game pieces.	Phonemogram mn.					
		N (manual)	N	N						newmingness variant of F4501 (Y5).				
		N (auto)		N						No sources given.				
Y;1	TSL	Y (v5.2)		Y				A game piece, pawn, or [illegible]	Classifier game, gamepiece (sn.t).					
		N (auto)		N						No sources given.				
Y;1	PRIP I, 47(14 a-r, (PT 1868a), MIFAO 118, pl. III.	Y (in core)		Y				A game board of the Mehen game.	Classifier snake-game (mHn).	Note that in the source the token is upside down.				
Y;1	TSL	Y (v5.2)		Y				A rounded harp.	Classifier harp (bn.t).					
Y;1	Edfu IV, p. 14,8	Y (in core)		Y				A rounded harp, with a human head in profile on the tip.	Phonemogram DA.	Verified with image of Philipp Seyr.				
		N (auto)		N						No sources given.				
		N (manual)	N	N						wenrenes norm or F4515.				
Y;1	Dendera porte d'Hathor, p. 1,7, p. 69; Dendera XII, p. 186,5, pl. 174 (bandeau).	Y (in core)		Y				A rounded harp, with a female human head, in profile, with a headdress of bovine horns with a sun disk (F102), on the tip.	Phonemogram Tt.					
Y;1	Dendera I, p. 32,8.	Y/It (in core)		Y/It				A rounded harp, with a female human head, in profile, with a headdress of bovine horns with a sun disk with two plumes on top of the sun-disk (S65) on the tip.	Logogram Od (to say, to speak).	Verified by Peter Dils. Redraw in place: flip the sign, and make sure the crown on the head is S65.				Redraw in place.
Y;1	Dendera, Porte d'Horus, p. 53,8, p. 143.	Y (in core)		Y				A rounded harp, with a female human head in profile, with a headdress consisting of two plumes, with a sun-disk between them (S63A), on the tip.	Logogram Od (to say, to speak).			Horus 53,8		
Y;1	Dendera Porte d'Horus, p. 10,11, p. 92.	Y (in core)		Y				A triangular harp.	Logogram Od (to say, to speak).	wenurn sign so HG/bash form, I don't know why the sign is mirrored and upside down in the font here.)		redrawn in place		
		Y (>=D_ISeh/HG)		N				Tambourine.	Classifier tambourine (sr).	If added, should be redrawn to a circle, which would make it identical to F4521 (Y24), and rather likely to be misused.			Redraw in new row.	
Y;1	KIU 4113, line 7.	Y (in core)		Y				Tambourine.	Classifier tambourine (sr).					
Y;1	Dendera XII, p. 167,3, pl. 104.	Y (in core)		Y				Ball.	Logogram HmA (ball)	Rather likely to be misused.		also a shield?		
Y;1	KIU 7593, line 1.	Y (in core)		Y				A sistrum, without internal detail on top.	Classifier sistrum (s5t.t).					
		N (manual)	N	N						Not a meaningful variant of F4532 (Y18).				
Y;1	[illegible] 1; KIU 4229, line 8.	Y (in core)		Y				A sistrum, with horizontal wavy lines over the top	Logogram sam (sistrum).					
		N (auto)		N						No sources given.				
Y;1	Dendera Porte d'Horus, p. 24,2, p. 109.	Y (in core)		Y				A sistrum with horizontal wavy lines over the top piece, with the human face on the handle having hair	Classifier sistrum (sxm).	not a meaningful variant of F4832 (Y18), and one needs a perfect image to distinguish between the two signs at all.			Yes	

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sta	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikeı	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F453S	Y-06-006						S	Y2D	Y2D			Y2D																										2
F453G	Y-06-007							Y18D																														
F4537	Y-06-008							Y18F														467;8													Y;89		2
F453B	Y-06-009				F			Y18B	Y18B			Y18B																							1			1
F4539	Y-06-010				E			Y18C	Y18C			Y18C										467;9													Y;79	*sfbm*	3
F453A	Y-06-011				F																	467;10													QR;653	*b*	2
																																				b1z	
F453B	Y-06-012				E			Y8C													242;7	467;11													QR;649		3
																																				b1z;x&t	
F453C	Y-06-013				C			Y8A	Y8A			Y8A	1			1					242;7	467;1	175;7	15;52		1450;14	880;3			1						QR;651		9
F453D	Y-06-014				F																	467;13													Y;95	*f(f)h;b1z;sfbm*	2
F453E	Y-06-015																					467;14													Y;101		2
																																				x&t	
F453F	Y-06-016			133E3				Y8	Y8			Y8	72		13	48	11	1_6751	Y8	Y00&	242;6	468;1	175;6	22;12		Y;3300	880;2			89	4	25	12	1	15	Y;93		19
F4540	Y-06-017				A			Y8B		Y8B																				520			2					2
F4541	Y-06-018							Y2E														468;2													Y;99		2
F4542	Y-06-019				F			Y2BA														468;3													Y;103	*x&t*	2
F4543	Y-06-020																					468;4													Y;97		2
F4544	Y-06-021						S	Y19	Y19			Y19										468;5													F;615		2
																																				hwt-sfbm	
F4545	Y-06-022				C		S	Y26	Y26			Y26										468;6		22;13						2		3			Y;107		5
																																				hfm	
F4546	Y-06-023				C			Y21	Y21			Y21									243;4	468;7	175;9	22;14						1					Y;105		6
F4547	Y-06-024				E			Y15	Y15			Y15	1			1																		1			2
Z.XXVII. Geometric signs; hieratic signs; strokes																																					
Z01. Strokes																																					
F4550	Z-01-001			133E4				Z1	Z1			Z1	1E+05	2523	65185	59191	8996	1_6753	Z1	Z001	244;1	469;1		23;1		Z;0100	880;6			10952	1259	394	510	1269	6287	Z;21	*L^w;w^g;n*	19
F4551	Z-01-002			133EA				Z3	Z3			Z3	8507	76	3723	4044	664	1_6799	Z3	Z003		469;2	175;13	23;4		Z;0301	880;11			2114	118	116	75	22	229	Z;31	*w;fbmt*	19
F4552	Z-01-003																					469;3													Z;23		2
F4553	Z-01-004				A	S		Z1A	Z1A			Z1A	97	31	66							469;4								3				26	Z;9		6
F4554	Z-01-005			133EF				Z5	Z5			Z5	9812	7	6903	2899	3	1_6814	Z5	Z005		469;10				Z;0600	880;16							2	Z;89		12
F4555	Z-01-006			133F0				Z5A	Z5A				89	86		3			Z5*	Z005A		469;5					881;1			4	32	2		2		Z;25		11
F4579	Z-01-007				A			Z5Ax				Z5A	1421		1	1420																		12			3
F4556	Z-01-008			133ED				Z4	Z4			Z4	33944	247	18858	13528	1311	1_6811	Z4	Z004	244;3	469;6	175;14	23;2		Z;0201	880;13			2949	395	102	139	206	993	Z;27	*L;t;y;w;r;sn;t*	20
F4557	Z-01-009			133EE				Z4A	Z4A			Z4A	2622	115	63	1758	686	1_6812	Z4v	Z004A	244;4	469;8		23;3		Z;0200	880;14			416		3	13	82	41	Z;29	*w*	18
F4558	Z-01-010				B	S		Z4B	Z4B			Z4B	95	51	12	25	7	1_6813									880;15							4	2			8
																																				w;fbmt	
F4559	Z-01-011			133E5				Z2	Z2			Z2	79215	54	35777	36607	6777	1_6781_00	Z2	Z002	244;2		175;13	23;4		Z;0300	880;7			4168	597	157	172	554	2517	Z30b		19
F455A	Z-01-012			133E7				Z2E			Z2E										Z002B		274;1															2
F455B	Z-01-013			133EC		S		Z3B													Z003B																	1
F455C	Z-01-014			133E8				Z2A	Z2A			Z2A	682		1	522	159	1_6781_01		Z002C	244;2					Z;0303	880;8			1857	71	65	50	48	665			14
F455D	Z-01-015			133E9				Z2B	Z2B			Z2B	175			141	34	1_6781_02		Z002D	244;2						880;9			56	23	1	4	108	87			12
F455E	Z-01-016				A			Z2C	Z2C			Z2C	159	121		38				Z002F						Z;0302	880;10			1	1			1				8
F455F	Z-01-017			133E6				Z2D			Z2D	Z2D						1_6781_00	Z2*	Z002A														148				4
F4560	Z-01-018			133EB				Z3A	Z3A			Z3A	22127	21	14649	7454	3	1_6810	Z2v	Z003A							880;12											8

Index	Comment DW	Vote DW Core (2021)	DW differen tly	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differe ntly	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
F4535												N (manual)	N	N						Overlay. No sources given.			
F4536												N (auto)		N						No sources given.			
F4537												N (auto)		N						No sources given.			
F453B												N (auto)		N						No sources given.			
F4539												N (auto)		N						Simply a S42 in Valeurs.			
F453A												N (auto)		N						vaeurs cramer Valeurs Y79).			
F453B												N (auto)		N						(Dendera IV, p. 259,14) could not be verified with an image. Valeurs token should have been represented with R129.			
F453C				In TLA token erroniously used for R129, which is a good reason to exclude this token from Unicode (less chance for errors for encoders).						Y;i	Dendera II, p. 77,A.	Y (in core)		Y				A sistrum, with two curls on top of human head with ears on top of the handle, without central piece.	Loggogram s55.t (sistrum).	Verified by Peter Dils. JH-D token (Dendera XII, p. 94,1) could not be verified with an image. Cauville token (Dendera I, p. 62,13) could not be verified with an image. Neither could the Kurth tokens. Due to the likely misuse for R129, I consider it better to leave this sign out of Unicode.			Yes
F453D												N (manual)	N	N		F453F				Duplicate of F453F (Y8).			
F453E												N (auto)		N						No sources given.			
F453F												Y (in core)		Y				A sistrum, with the top piece in the form of a shrine encased by two curls.	Classifier sistrum (sxm).	Could be s55.t as well.			
F4540										Y;i	Dendera XI, p. 4,2. pl. 9 (left image, 2nd col from left).	Y (in core)		Y				A sistrum, with the top piece in the form of a shrine encased by two curls, with the human face on the handle having hair.	Loggogram s55.t (sistrum).	minor variant of F453F (Y8 with hair basically), that I would prefer to leave it out. (Difference between the two signs is often very difficult to see).	Yes		
F4541												N (manual)	N	N				A sistrum, with the top piece in the form of a shrine, with the human face on the handle having hair.		Practically a duplicate of F453F (Y8).			
F4542												N (manual)	N	N		F4540				Practically a duplicate of F4540 (Y8B).			
F4543												N (auto)		N						No sources given.			
F4544												N (manual)	N	N						Overlay. no sources given.			
F4545										Y;i	Dendera Porte d'Hathor, p. 36,15, p. 104 (drand).	N (manual)	N	N				The upper and tail of an animal, seen from below (F32), written over asistrum, with the top piece in the form of a shrine encased by two curls, with the human face on the handle having hair.	Phonogram/logogram H(w).t-sS5.t (mansion of the sistrum).	Overlay.			
F4546										Y;i	Dendera IV, p. 239,1-3, pl. CCCIX.	Y (in core)		Y				The neapolece or a sistrum, resembling a façade of a shrine with a flat roof, with oblique sides, with a large doorway (G21B), enclosed by two	Classifier head-piece of a sistrum (bsn).				
F4547				TLA token (TT50, harpist song, col 10) is a variant of Aa23, not this sign								N (auto)		N						Not supported. I currently have no access to Athribis M 1, 42-48 (Ivanova), but likely an variant of Aa23.			
F4550										Y;i	TSL	Y (v5.2)		Y				A vertical stroke.	Classifier semogram.				
F4551										Y;i	TSL	Y (v5.2)		Y				Three vertical strokes in a vertical orientation.	Classifier plural.				
F4552												N (auto)		N						No sources given.			
F4553	rotated version of Z001	N		rotated. Need to locate a reasonable token for TSL (All PT tokens are constructs for Z48 or Z3A).								N (manual)	N	N						Rotated form of F4550 (Z1).			
F4554										Y;i	TSL	Y (v5.2)		Y				A doubly curved, diagonal stroke.	Substitute for dangerous signs.				
F4555	suspicious shape; misused in TLA for what?	?	DIFF	Probably misused for either Z5 or Z5A.						Y;i	Pepi I, v;v;w;w;r, (PT 1418a), MIPAO 118, fig. 45 (7th column, near the top).	Y (v5.2)		Y				A diagonal stroke.	Classifier divinity (replacing G7).				
F4579										N		N (manual)	N	N						Covered by F4554 (Z5).			
F4556				Could be done by rotation of U+133EE, graphically a duplication, but has additional functions that Z016A is not supposed to have (i.e. y).						Y;i	TSL	Y (v5.2)		Y				Two diagonal strokes arranged horizontally. Two vertical strokes, arranged horizontally.	Phonogram y. Loggogram sn.w (2).				
F4557										Y;i	TSL	Y (v5.2)		Y									
F4558	identical to Z016A	N								Y;i	TSL	N (manual)	N	N				Two horizontal strokes, arranged vertically.	Loggogram sn.w (2).	Rotated form of F4557 (Z6A).			
F4559										Y;i	TSL	Y (v5.2)		Y				Three vertical strokes in a horizontal orientation.	Classifier plural.				
F455A												Y (v5.2)		Y/R						Redraw as per wsxer. Duplicate of F2A01 (N33A, U+13213). Pre-control characters artifact, should now be done through rotating F2A01 (N33A).		Redraw in place	
F455B												N (manual)	N	N									
F455C										Y;i	TSL	Y (v5.2)		Y				Three vertical strokes in a triangular orientation with one stroke a the	Classifier plural.				
F455D										Y;i	TSL	N (manual)	N	N				Three vertical strokes in a triangular orientation with one stroke a the	Classifier plural.		No/No.		
F455E	monogram	Y		Note that for an cursive and hieratic sources one could wonder if this grapheme has any real value.						Y;i	Pepi I, (TSL source 1202).	Y (in core)		Y				Three diagonal strokes arranged horizontally.	Classifier plural.				
F455F	shape duplicate of U+133FC			should not have existed, duplicate.								Y (v5.2)		Y						Duplicate of F455D (Z2), written slightly closer together, should not have existed. Request by DW.		Yes	
F4560										Y;i	TSL	N (manual)	N	N				Three horizontal strokes arranged vertically.	Classifier plural.		No/No.		

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sla	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikei	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
F4561	Z-01-019		133F9					Z44			Z14A	Ff1	**29531**		28553	978				Ff1	Z014																4
F4562	Z-01-020							Z44A																					AA014A								1
F4563	Z-01-021							Z44B																					AA014B								1
F4564	Z-01-022							Z44C																					AA014C								1
F4566	Z-01-023		133FA					Z45													Z015													63			2
F4567	Z-01-024		133FB					Z45A					**1278**		1278						Z015A													28	66	Z30c	5
F4568	Z-01-025		133FC					Z45B					**1294**		1294				Z2*		Z015B													46	809	Z30d	6
F4569	Z-01-026		133FD					Z45C					**1724**		1724		1_6836				Z015C			29;5									47	21	Z30e	7
F456A	Z-01-027		133FE					Z45D													Z015D							Z;0500							Z30f	3
F456B	Z-01-028		133FF					Z45E									1_6970				Z015E			29;7											Z30h	4
F456C	Z-01-029		13400					Z45F													Z015F			29;8											Z30i	3
F456D	Z-01-030		13401					Z45G													Z015G			29;9											Z30j	3
F456E	Z-01-031		13402					Z45H													Z015H			29;10												2
F456F	Z-01-032		13403					Z45I					**50**		50						Z015I			29;6									17	8		5
F4570	Z-01-033		13404					Z46					**249**		249						Z016																2
F4571	Z-01-034		13405					Z46A					**28**		28						Z016A																2
F4572	Z-01-035		13406					Z46B					**139**		139						Z016B																2
F4573	Z-01-036		13407					Z46C					**130**		130						Z016C																2
F4574	Z-01-037		13408					Z46D													Z016D																1
F4575	Z-01-038		13409					Z46E													Z016E																1
F4576	Z-01-039		1340A					Z46F													Z016F																1
F4577	Z-01-040		1340B					Z46G					**3**		3		1_6762				Z016G																3
F4578	Z-01-041		1340C					Z46H													Z016H																1
Z02. Cross																																					
F458D	Z-02-001		133F4					Z9	Z9		Z9	**7340**	9	3484	3596	251	1_6820	Z9	Z009	245;1	469;1	175;15	23;12	5;6800		881;5			2543	270	113	142	161	1107	Z;35	20
F4581	Z-02-002		133F5					Z10	Z10		Z10	**31**	27		4		1_6754	Z10	Z010		469;12					881;6									Z;37	8
F4582	Z-02-003		133F6					Z11	Z11		Z11	**3522**	684	527	2176	135	1_6764	Z11	Z011	245;2	469;1	175;16	23;15			881;7			360	6	21	51	24	510	Z;47	19
F4583	Z-02-004				F																470;1															Z;51	2
F4584	Z-02-005				F			Z13	Z13		Z13										470;2																2
F4585	Z-02-006				A			Z11A	Z11A		Z11A	**51**	5		46						470;3	175;16	23;14			881;8		2011/	197	29	4	9	3	10	Z;39	14
F4586	Z-02-007				F																470;4															Z;41	2
F4587	Z-02-008				C			Z11B	Z11B		Z11B										470;5									5			1		Z;49	4
F458B	Z-02-009																				470;6															Z;45	2
F458D	Z-02-010							Z14	Z14		Z14										470;7															Z;53	2
F458A	Z-02-011							Z15	Z15		Z15										470;8															Z;43	2
F458B	Z-02-012							Z16	Z16		Z16										470;9															AA;145	3
F458C	Z-02-013							Z17	Z17		Z17										470;10															AA;147	2
F458D	Z-02-014																				470;11															AA;151	2
F458E	Z-02-015																				470;12															AA;153	2
Z03. Squares and rectangles																																					
F45A0	Z-03-001							Z18	Z18		Z18										470;13															N;373	2
F45A1	Z-03-002																				470;14															AA;233	2
F45A2	Z-03-003																				470;15															AA;235	2
F45A3	Z-03-004																				471;1															AA;237	2
F45A4	Z-03-006				B			Z26	Z26		Z26															1451;2	881;11			8	2			7			5
F45A5	Z-03-005							Z19	Z19		Z19										471;2																1
F45A6	Z-03-007							Z27	Z27		Z27																											
F45A7	Z-03-008				E			Z28	Z28		Z28																			2							1
Z04. Triangles; lozenges																																					
F45B0	Z-04-001																				471;3															Z;55	2
F45B1	Z-04-002																				471;4															Z;57	2
F45B2	Z-04-003				C			Z20	Z20		Z20	**2**	2								471;5									2							U;277	5

Vote	Comment DW category	Vote DW Core (2021)	DW differentiality	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differentiality	Comment SP
	"from hieratic"			Practically any Hieratic text.					
	ouspicate of U+133E4			Duplicate, but intended for the numerals in texts.					
	ouspicate of U+133E6			Duplicate, but intended for the numerals in texts					

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sia	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unike	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	Weight
													VP Val																								
F45B3	Z-04-004					S		Z21	Z21			Z21										471;6															J;37	2
F45B4	Z-04-005				A			Z22	Z22			Z22	**13**			13						245;4	471;7	175;20						148	1	8	11		5	F;237 Y;	10
F45B5	Z-04-006				F																	471;8													M;68 Z!	2
F45B6	Z-04-007																					471;9													Z;61	2
F45B7	Z-04-008				F			Z23	Z23			Z23	**1**			1						471;10													Z;63	3
205. Circles and rings																																				
F45C3	Z-05-001				F																	471;12													S;319	2
F45C1	Z-05-002							Z43A																23;17													1
F45C2	Z-05-003					133F8		Z43			Z13Z	U512I	**201**				201		Z13	Z013		471;13															4
207. Geometric shapes; varia																																				
F45F0	Z-07-001					133F3		Z8A				Z8	**62**		15	47		1_6819	Z6	Z008																	7
F45F1	Z-07-002				B			Z8	Z8				**24**	18		6											881;4							3	4		3
F45F2	Z-07-003				A			Z30	Z30			Z30	**1043**		989	54										1451;3		Z800D		1			1			6
F45F3	Z-07-004																					488;4													Z;31	2
F45F4	Z-07-005																					484;15													Z;33	2
F45F5	Z-07-006				E			Z32	Z32			Z32										246;3								1							2
F45F6	Z-07-007							Z36	Z36			Z36												22;7													1
F45F7	Z-07-008				A			Z8A	Z6A			Z6A	**30**		26	4														1					161		4
F45F8	Z-07-009				F			Z29	Z29			Z29																			1						1
F45F9	Z-07-010							Z29A	Z29A			Z29A																										
F45FA	Z-07-011							Z29B	Z29B			Z29B																										
F45FB	Z-07-012				C			Z31	Z31			Z31	**1**	1																6					2		3
F45FC	Z-07-013				F			Z42		Z42																				1							1
F45FD	Z-07-014				F			Z33	Z33			Z33																								1		1
F45FE	Z-07-015				F			Z34	Z34			Z34	**1**			1																					1
F45FF	Z-07-016							Z35	Z35			Z35																										
F4600	Z-07-017				C			Z37	Z37			Z37	**4**		2	2																					2
F4601	Z-07-018							Z38	Z38			Z38																										
F4602	Z-07-019							Z39	Z39			Z39																										
F4603	Z-07-020							Z41																														
F4604	Z-07-021							Z48																														
207. Heratic signs																																				
F4610	Z-08-001																					482;6													Z;87	2
F4611	Z-08-002																					482;10													U;57	2
F4612	Z-08-003																					482;13														1
F4613	Z-08-004					133F1		Z6	Z6			Z6	**3512**		1067	2445		1_6816	Z6	Z006								881;2							1		7
F4614	Z-08-005					133F2		Z7	Z7			Z7	**98742**	38	58372	39047	1285	1_6818	Z7	Z007	244;5		175;17	19;1	Z;1500		881;3			6243	763	231	238		3241		17
F4615	Z-08-006				E			Z8B				Fl203	**2**		2																					1

Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG Overlay. No sources given.	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
		N (manual)	N	N										
		Y (n=D_ISeh/HG)		N						Exists, but misused for N20 or N21, or otherwise a rotated M44/M176, but rarely the full 45°.		mammal part?		
		N (manual)	N	N						Meaningless variant of F270I (M44).				
		N (auto)		N						No sources given.				
		N (auto)		N						TLA token is N23. i.e., not supported.				
		N (manual)	N	N						Duplicate of F385A (521).				
		N (auto)		N						Kurth token refers F3A83 (749).				
		Y (v5.2)		Y				A geometrical circle		Concavity misused for any type of circle. *Included in core as geometrical circle, but without verification.*			Yes	
Y;I	TSL	Y (v5.2)		Y				A short horizontal oval.	Classifier round, oval (Sn(.w)).	Likely prone to misuse however.				
		N (manual)	N	N						Would only be misused for any of the other ovals already in Unicode.		Z8A shape preferred		
Y;I	Jéquier, Une st. 17 and 19 (Bdd B1, Meeks, p. 227 and pl. XXXVIII).	Y (in core)		Y				A diagonal line on top of a horizontal line, open at the front.	Logogram rmn (1/2 aroura).					
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						Cauville/JH-D token (Dendara X, p. 371,3, pl. 233) is a poorly made F281 (N5D) at best, and marked in Cauville as erroneous as well. I would not base inclusion on this source alone.				
Y;I	Dendera VIII, p. 85,14. and LA 109-74, col 5,10 (rightmost column, below the red).	Y (in core)		Y				rectangular writing tablet with, with a vertical line at either side of the tablet. A diagonal line, with a perpendicular line over the middle.	Classifier writing tablet (sn). Classifier enemy, opponent (pA tA-r).	Found and verified by Peter Dils. A variant of F44ED (Y27) in Kurth. Kurth did not provide a source for this specific token. Move sign behind F44ED (Y27).			Yes, Move	
Y;I		Y (in core)		Y										
		N (manual)	N	N						JH-E token (Esna VII 549,00, p. 8,8, verified by Peter Dils) is a rather poor transcription of a variant of Aa28B at best.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		Y (n=D_ISeh/HG)		N						JH-U and JH-V token (Dendera XI, p. 158,14, pl. 114 (drand) is uncertain (had a ? in the publication). I currently have no access to Athribis E 1, 15				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		Y (n=D_ISeh/HG)		N						conveser sns a ax or an overinterpretation. (in the source it is rather tiny).				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
		N (auto)		N						No sources given.				
Y;I	TSL	Y (v5.2)		Y				A slightly inclined stroke with two smaller strokes protruding at its right lower end, the upper one being shorter than the lower of them. counter-clockwise away from its central point, ending at the right lower corner after about 1,5 turns.	Classifier death (xp.t).					
Y;I	TSL	Y (v5.2)		Y					Phonemogram w.			duplicated		
		N (manual)	N	N						Already covered by F455S (Z5A).				

Index	Catalog	Glyph	G-2021	UCS	Priorit	Sequence	Sig	GID	HG	HGx	Doun	JSesh	Sum	PT	Ramse	TLA	Karnak	TSL	Gardi	Unikor	Caurv	IFAO	Leitz	Kurth	H&S	Hannig	Bonnam	Moelle	Richm	JH-D	JH-E	Hator	Horus	K-Omb	Athribi	ValPhor	VP Val	Weight
F46I6	Z-D8-007				B			Z7A					**79**			79																					1
F46I7	Z-D8-008				A			Z49				FI100	**17196**		15839	1357					ZD49																	3
F46I8	Z-D8-009				A			Z50				FI101	**1284**		716	568					ZD50																	3
F46I9	Z-D8-010				A			Z51				FI110	**155**		155						ZD51																	2
F461A	Z-D8-011							Z52																															
AA.XXVIII. Unclassified signs																																						
AA01. Sign type 1																																						
AA02. Sign type 2																																						
AA03. Sign type 3																																						
AA04. Sign type 4																																						
AA05. Sign type 5																																						
AA06. Sign type 6																																						
F461F	AA-D6-001		13412					AA6	AA6		Aa6		**18**	9		9		1_1043	Aa6	AA006			4;95			882,5											7
AA07. Sign type 7																																						
AA08. Sign type 8																																						
F29C5	AA-D8-001				C			AA8A	AA8A		Aa8A		**7**			7							17;1								1							3
F29C6	AA-D8-002							AA8B	AA8B		Aa8B																												
AA09. Sign type 9																																						
AA10. Sign type 10 (Back of something?)																																						
AA11. Sign type 11 (Collar counterweight?; bag of clothes)																																						
AA12. Sign type 12																																						
AA13. Sign type 13																																						
AA14. Sign type 14																																						
AA15. Sign type 15																																						
AA16. Sign type 16																																						
AA17. Sign type 17																																						
AA18. Sign type 18																																						
AA19. Sign type 19																																						
AA20. Sign type 20																																						
AA21. Sign type 21																																						
F3FC1	AA-21-001				F			AA56A														481;11														*m*	2
F3FC2	AA-21-002		13131					AA56	AA56		Aa56		**891**	6	1	754	130	1_1036	U33v	F045A	252;5	481;1	175;40	24;7			870;14			2169	201	55	112	49	358	U;445	*n;ntk;hn;hnr*	19
F3FC3	AA-21-003				F	S		ES179		ES179																										*m;my;mⁿ;mⁿ/wj*	1
F3FC4	AA-21-004				A	S		AA57	AA57		Aa57		**10**			10		1_1037				481;13	2;57							127	1		1		1	D;711		9
F3FC5	AA-21-005				F	S		AA58	AA58		Aa58		**1**			1						482;1														D;1001	*mḏ*	3
F3FC6	AA-21-006				F	S		AA59	AA59		Aa59												482;2														*i;153*	2
F3FC7	AA-21-007				D	S		AA60	AA60		Aa60																				1	2						2
F3FC8	AA-21-008				F	S		AA68	AA68		Aa68																					1						1

Comment DW mirrored	Vote DW Core (2021)	DW differently	Comment JG	Comment PD	Vote PD Full	Vote PD Core	PD differently	Comment SP	Validated	Location validation	Computed inclusion in Unicode 'FULL' list	Manual Inclusion in Unicode 'FULL' list	Inclusion in Unicode CORE list/font	DW	Unicode fallback glyph PUA code	Unicode fallback glyph	Sign description	Function in context	Comments JG	Examples	Comment MS	Change (Berlin)	Changes (post 19-02-2023)
version of Z007	?	DIFF	mirrored.					mirrored			N (manual)	N	N						Mirrored form of F46I4 (Z7).		Z7\		
mieratic shape (also used in the context of normal hieroglyphs)	Y		Low priority for encoding in TSL in my opinion.					Needed for hieratic			Y (in core)		Y						Required for Hieratic.				
hieratic shape (also used in the context of normal hieroglyphs)	Y	DIFF	Low priority for encoding in TSL or Unicode in my opinion.					Needed for hieratic			Y (in core)		Y						Required for Hieratic.				
hieratic shape (also used in the context of normal hieroglyphs)	?	DIFF	Unknown reading in Ramses, hence I prefer to currently leave it out of TSL and Unicode.					Needed for hieratic			Y (in core)		Y						Required for Hieratic.				
											Y (in core)		Y				Verse-point		Required for Hieratic, commonly used above the line, but occurs in the line as well. Draw as a circle with full colouration	●		Additional row	
UG31 and F045A should look alike as to the question of outlines/single lines	N		duplication								N (manual)	N	N						**Moved.** Duplicate of F3FC2 (Aa56).				
rotated version of UG31, identical to F045A			Not identical, but rather a unique sign for m in ptolemaic texts, needs to be maintained.						Y/I	TSL	Y (v5.2)		Y				An object resembling a long vertical line with two pointed lines on top.	Phonemogram m.	**Moved.** Should not be allowed to rotate, distinct from F3FC0 (U31). Based on the functions, it is likely not a Baker rake. **Moved.** (Probably better to return the sign to category Aa, to remove it from any connection to F3FC0 (U31), which would include all the overlays that follow				
									Y/I	Esna VII, 622,14, p. 201,5	N (manual)	N	N				A knife with a triangular blade and a straight handle (T30), written over an object resembling a long vertical line with two pointed ḥsmn or ḫne nana facing upwards (D36), written over an object resembling a long vertical line with two pointed lines on top (Aa56).	Phonemogram mdn.	Overlay. **Moved.**			
Overlay.	N						overlay		Y/I	TSL	N (manual)	N	N				A phallus with a scrotum (D52), written over an object resembling a long vertical line with two pointed lines on top (Aa56).	Phonemogram m.	Overlay. **Moved.**			
Overlay.	N								Y/I	Edfu VIII, p. 5,1, Barnelis phot 0023, left scene, krand.	N (manual)	N	N					Phonemogram m-bAt.	Overlay. **Moved.**		inverted	
											N (manual)	N	N						Overlay. No source given in valeurs. **Moved.**			
									Y/I	Dendera X, p. 359,7, pl. 228, col. 109.	N (manual)	N	N				A scribe (U1), written over an object resembling a long vertical line with two pointed lines on top (Aa56).	Phonemogram mA.	Overlay. **Moved.**			
									Y/I	Esna VII 602,07, p. 144,11	N (manual)	N	N				A horned desert viper (Cerastes cerastes) (I9), written over an object resembling a long vertical line with two pointed lines on top (Aa56).	Phonemogram ml	Overlay. Verified by Peter Dils. **Moved.**			

| Index | Catalog | Glyph | G-2021 | UCS | Priorit | Sequence | Sia | GID | HG | HGx | Doun | JSesh | Sum | PT | Ramse | TLA | Karnak | TSL | Gardi | Unike | Caury | IFAO | Leitz | Kurth | H&S | Hannig | Bonnam | Moelle | Richm | JH-D | JH-E | Hator | Horus | K-Omb | Athribi | ValPhon | VP Val ue | Weight | Vols | Comment DW | Vote DW Core (2021) | DW differen tly | Comment JG | Comment PD | Vote PD Full | Vote PD Core | PD differe ntly | Comment SP | Validated | Location validation | Computed inclusion in Unicode 'FULL' list | Manual inclusion in Unicode 'FULL' list | Inclusion in Unicode CORE list/font | DW | Unicode fallback glyph PUA code | Unicode fallback glyph | Sign description | Function in context | Comments JG | Examples | Comment MS | Change (Berlin) | Changes (post 19-02-2023) |
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