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## 1041 Cresheim Glen Wissahickon Autumn



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## Instructions

Thank you for choosing Golden Kite products!  
We hope you will have lots of fun with this cross-stitch pattern!

### Fabric

Press the fabric with an iron if needed. A good thing to prevent the fabric from fraying is to machine zigzag the edges.

On large patterns, it is easiest to start from the upper left corner of the design. Make sure you have the proper margins before starting and that the fabric piece is of the correct size. The best way to verify this is to count all stitch positions on the fabric from the upper left corner downwards and to the right to make sure there is enough space for the design.

Some prefer to start in the center of the design instead. To locate the center of the fabric, fold the fabric in half both vertically and horizontally. The center is located where these two folds meet.

### Stitches

Each length of DMC tread consists of six strands.

Use two of these strands for all stitches.

Note that some colors may be mixes (or blends) between two different pure colors. In that case take one strand of the two colors each and thread the two strands into the needle at the same time for stitching.

All stitches are full cross-stitches. No half-stitching and no back-stitching is necessary in this pattern.

All cross-stitches will be worked into the holes in the fabric from left to right. Always use the larger holes in the fabric for the stitches. Adjacent stitches should meet in the same hole. Make sure all stitches cross in the same direction.

Please be careful when washing the finished embroidery! The cotton thread may bleed when washed. Only hand wash it in lukewarm water. Remove excess water by roll it in a towel and lay it flat to air dry. Natural fabrics may shrink slightly when washed. We do not recommend washing the embroidery if not absolutely necessary and we take no responsibility for any damage that may occur.

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## Cresheim Glen Wissahickon Autumn

Stitch Count		Recommended Fabric Color	
Horizontal:	398	Antique White	
Vertical:	318		

This table tells the size of the pattern (without any margins) and the size of the fabric required to stitch the pattern (including recommended margins). 3 inch margins have been added on each side in the 'Including Margins' row.

The sizes are given for 14, 16 and 18 stitches per inch fabrics.

Make sure to use the 'Including Margins' row when cutting the piece of fabric to be used. Also make sure that 3 inch margins are enough for your stitching technique and add more margin areas if necessary.

	14				16				18			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	72	28.28	58	22.66	63	24.75	51	19.82	56	22	45	17.625
Including Margins:	88	35	74	29	79	31	67	26	72	29	61	24
	10				12				24			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	100	39.59	81	31.72	84	32.99	67	26.43	42	16.49	33	13.21
Including Margins:	116	46	97	38	100	39	83	33	58	23	49	20
	25				26				27			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	40	15.83	32	12.68	38	15.22	31	12.2	37	14.66	30	11.74
Including Margins:	56	22	48	19	54	22	47	19	53	21	46	18
	28				30				32			
	Width		Height		Width		Height		Width		Height	
	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch
Pattern:	36	14.14	29	11.33	33	13.19	27	10.57	31	12.37	25	9.91
Including Margins:	52	21	45	18	49	20	43	17	47	19	41	16

Solid Color Stitches. Use two strands of the specified color for these stitches.

Symbol	DMC	Name
1	1	White 1
▀	356	Terra Cotta-MD
⦿	370	Mustard-MD
⬇	371	Mustard
*	407	Desert Sand-DK
**	413	Pewter Gray -DK
⦿	420	Hazelnut Brown-DK
⦿	422	Hazelnut Brown-LT
◇	437	Tan-LT
■	500	Blue Green-VY DK
✕	503	Blue Green-MD
↩	524	Fern Green-VY LT
●	611	Drab Brown
⊕	612	Drab Brown-LT
н	613	Drab Brown-VY LT
⦿	632	Desert Sand-UL VY DK
=	640	Beige Gray-VY DK
▨	645	Beaver Gray-VY DK
⦿	647	Beaver Gray-MD
7	676	Old Gold-LT
⋈	738	Tan-VY LT
4	739	Tan-UL VY LT
l	745	Yellow -LT Pale
o	746	Off White
(	747	Sky Blue-VY LT
)	762	Pearl Gray-VY LT
◆	801	Coffee Brown-DK
⊗	827	Blue-VY LT
⬆	830	Golden Olive-DK
⊕	833	Golden Olive-LT
⦿	838	Beige Brown-VY DK
↑	844	Beaver Brown-UL DK
⬆	869	Hazelnut Brown-VY DK
◇	922	Copper-LT
○	926	Gray Green-MD
▨	927	Gray Green-LT
⦿	928	Gray Green-VY LT

⦿	932	Antique Blue-LT
⦿	935	Avocado Green-DK
⦿	950	Desert Sand-LT
0	955	Nile Green-LT
☆	975	Golden Brown-DK
//	976	Golden Brown-MD
٪	977	Golden Brown-LT
⦿	3013	Khaki Green-LT
⦿	3021	Brown Gray -VY DK
⦿	3022	Brown Gray -MD
⦿	3031	Mocha Brown-VY DK
⦿	3045	Yellow Beige-DK
↑	3046	Yellow Beige-MD
⦿	3064	Desert Sand
^	3078	Golden Yellow -VY LT
⦿	3347	Yellow Green-MD
*	3363	Pine Green-MD
♣	3721	Shell Pink- DK
⦿	3722	Shell Pink- MD
⬆	3740	Antique Violet-DK
u	3756	Baby Blue-UL VY LT
⦿	3772	Desert Sand-VY DK
⦿	3778	Terra Cotta-LT
✕	3781	Mocha Brown-DK
⬆	3787	Brown Gray -DK
⦿	3790	Beige Gray-UL DK
⦿	3799	Pewter Gray -VY DK
∞	3823	Yellow -UL Pale
×	3825	Pumpkin-Pale
✕	3826	Golden Brown
	3827	Golden Brown-Pale
⬆	3828	Hazelnut Brown
:	3855	Autumn Gold-LT
-	3856	Mahogany-UL VY LT
⦿	3860	Cocoa
⦿	3861	Cocoa-LT
⬆	3864	Mocha Beige-LT
.	3866	Mocha Brown-UL VY LT
o	Ecu	Ecu

Blend Stitches. Use one strand of each of DMC1 and DMC2 for these stitches.

Symbol	DMC1	Name1	DMC2	Name2
■	420	Hazelnut Brown-DK	611	Drab Brown
⌘	977	Golden Brown-LT	3828	Hazelnut Brown
➔	844	Beaver Brown-UL DK	3787	Brown Gray -DK
☞	844	Beaver Brown-UL DK	3799	Pewter Gray -VY DK
▲	3787	Brown Gray -DK	3790	Beige Gray-UL DK
⚓	356	Terra Cotta-MD	3064	Desert Sand
1	1	White 1	747	Sky Blue-VY LT
#	738	Tan-VY LT	524	Fern Green-VY LT
▣	3363	Pine Green-MD	3787	Brown Gray -DK
▲	611	Drab Brown	612	Drab Brown-LT
Ⓔ	632	Desert Sand-UL VY DK	3772	Desert Sand-VY DK
▲	738	Tan-VY LT	3013	Khaki Green-LT
♦♦	370	Mustard-MD	3772	Desert Sand-VY DK
↓	407	Desert Sand-DK	437	Tan-LT
☪	3721	Shell Pink-DK	3772	Desert Sand-VY DK
✦	611	Drab Brown	3790	Beige Gray-UL DK
↘	3021	Brown Gray -VY DK	3363	Pine Green-MD
«	1	White 1	746	Off White
◎	422	Hazelnut Brown-LT	3045	Yellow Beige-DK
↓	844	Beaver Brown-UL DK	3802	Antique Mauve-VY DK
⚙	611	Drab Brown	3861	Cocoa-LT
◇	613	Drab Brown-VY LT	3866	Mocha Brown-UL VY LT
⚓	356	Terra Cotta-MD	3778	Terra Cotta-LT
✿	3721	Shell Pink-DK	420	Hazelnut Brown-DK
×	3778	Terra Cotta-LT	3825	Pumpkin-Pale
↘	356	Terra Cotta-MD	977	Golden Brown-LT
⊗	632	Desert Sand-UL VY DK	3860	Cocoa
✿	3721	Shell Pink-DK	977	Golden Brown-LT
▣	3825	Pumpkin-Pale	922	Copper-LT
Ⓛ	356	Terra Cotta-MD	3045	Yellow Beige-DK
▣	3363	Pine Green-MD	3790	Beige Gray-UL DK
★	371	Mustard	3347	Yellow Green-MD
✦	612	Drab Brown-LT	3790	Beige Gray-UL DK
✦	3826	Golden Brown	3721	Shell Pink-DK
+	3721	Shell Pink-DK	356	Terra Cotta-MD
⊗	922	Copper-LT	977	Golden Brown-LT
+	747	Sky Blue-VY LT	827	Blue-VY LT
5	827	Blue-VY LT	955	Nile Green-LT
Ⓔ	420	Hazelnut Brown-DK	3772	Desert Sand-VY DK
8	3856	Mahogany-UL VY LT	745	Yellow -LT Pale
/	676	Old Gold-LT	3855	Autumn Gold-LT
√	3827	Golden Brown-Pale	3855	Autumn Gold-LT
⇒	437	Tan-LT	3856	Mahogany-UL VY LT
↓	632	Desert Sand-UL VY DK	3721	Shell Pink-DK
⌘	3787	Brown Gray -DK	3802	Antique Mauve-VY DK
♠	647	Beaver Gray-MD	524	Fern Green-VY LT
✦	833	Golden Olive-LT	3827	Golden Brown-Pale
Ⓔ	833	Golden Olive-LT	676	Old Gold-LT
✿	3721	Shell Pink-DK	3064	Desert Sand
○	3046	Yellow Beige-MD	422	Hazelnut Brown-LT
▲	3828	Hazelnut Brown	420	Hazelnut Brown-DK
Ⓔ	827	Blue-VY LT	932	Antique Blue-LT
♦♦	827	Blue-VY LT	928	Gray Green-VY LT

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3	747	Sky Blue-VY LT	928	Gray Green-VY LT
♡	955	Nile Green-LT	3866	Mocha Brown-UL VY LT
↑	746	Off White	762	Pearl Gray-VY LT
■	500	Blue Green-VY DK	935	Avocado Green-DK
●	500	Blue Green-VY DK	3799	Pewter Gray -VY DK
○	3866	Mocha Brown-UL VY LT	739	Tan-UL VY LT
☒	613	Drab Brown-VY LT	955	Nile Green-LT
♥	500	Blue Green-VY DK	844	Beaver Brown-UL DK
☾	420	Hazelnut Brown-DK	3064	Desert Sand
♠	928	Gray Green-VY LT	955	Nile Green-LT
♠	611	Drab Brown	831	Golden Olive-MD
☼	3045	Yellow Beige-DK	3828	Hazelnut Brown
⌘	977	Golden Brown-LT	3827	Golden Brown-Pale
✦	356	Terra Cotta-MD	922	Copper-LT
◀	370	Mustard-MD	830	Golden Olive-DK
▼	3802	Antique Mauve-VY DK	640	Beige Gray-VY DK
⦿	3860	Cocoa	3781	Mocha Brown-DK

This table specifies how much thread of each color is required to stitch this pattern. It is good to know that one complete DMC skein contains 313 inches (795 cm) thread.

DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		14		16		18	
1	White 1	294	115	280	110	252	99
356	Terra Cotta-MD	860	338	819	322	737	290
370	Mustard-MD	351	138	335	131	301	118
371	Mustard	243	95	231	90	208	81
407	Desert Sand-DK	309	121	294	115	265	104
413	Pewter Gray -DK	191	75	182	71	164	64
420	Hazelnut Brown-DK	748	294	712	280	641	252
422	Hazelnut Brown-LT	339	133	323	127	291	114
437	Tan-LT	505	198	481	189	433	170
500	Blue Green-VY DK	3100	1220	2953	1162	2657	1046
503	Blue Green-MD	33	12	31	12	28	11
524	Fern Green-VY LT	257	101	245	96	220	86
611	Drab Brown	1056	415	1006	396	905	356
612	Drab Brown-LT	915	360	871	342	784	308
613	Drab Brown-VY LT	255	100	243	95	219	86
632	Desert Sand-UL VY DK	732	288	697	274	628	247
640	Beige Gray-VY DK	752	296	716	281	644	253
645	Beaver Gray-VY DK	412	162	393	154	353	138
647	Beaver Gray-MD	175	68	167	65	150	59
676	Old Gold-LT	195	76	186	73	167	65
738	Tan-VY LT	394	155	376	148	338	133
739	Tan-UL VY LT	208	81	198	77	178	70
745	Yellow -LT Pale	194	76	184	72	166	65
746	Off White	338	133	322	126	289	113
747	Sky Blue-VY LT	248	97	236	92	212	83
762	Pearl Gray-VY LT	36	14	35	13	31	12
801	Coffee Brown-DK	100	39	95	37	86	33
827	Blue-VY LT	124	48	118	46	106	41
830	Golden Olive-DK	181	71	173	68	155	61
831	Golden Olive-MD	41	16	39	15	35	13
833	Golden Olive-LT	189	74	180	70	162	63
838	Beige BrownVY DK	116	45	111	43	100	39
844	Beaver Brown-UL DK	2889	1137	2752	1083	2476	974
869	Hazelnut Brown-VY DK	88	34	83	32	75	29
922	Copper-LT	263	103	250	98	225	88
926	Gray Green-MD	33	12	31	12	28	11
927	Gray Green-LT	50	19	47	18	43	16
928	Gray Green-VY LT	152	59	145	57	130	51
932	Antique Blue-LT	26	10	25	9	22	8
935	Avocado Green-DK	154	60	147	57	132	51
950	Desert Sand-LT	50	19	48	18	43	16
955	Nile Green-LT	159	62	151	59	136	53
975	Golden BrownDK	55	21	52	20	47	18
976	Golden BrownMD	19	7	18	7	16	6
977	Golden BrownLT	508	200	483	190	435	171
3013	Khaki Green-LT	315	124	300	118	270	106
3021	Brown Gray -VY DK	993	390	946	372	851	335
3022	Brown Gray -MD	192	75	183	72	164	64
3031	Mocha Brown-VY DK	395	155	376	148	338	133
3045	Yellow Beige-DK	639	251	609	239	548	215
3046	Yellow Beige-MD	183	72	174	68	156	61
3064	Desert Sand	760	299	724	285	652	256
3078	Golden Yellow -VY LT	107	42	102	40	92	36
3347	Yellow Green-MD	47	18	45	17	40	15

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3363	Pine Green-MD	393	154	375	147	337	132
3721	Shell Pink-DK	583	229	555	218	499	196
3722	Shell Pink-MD	35	13	33	12	30	11
3740	Antique Violet-DK	66	25	63	24	56	22
3756	Baby Blue-UL VY LT	27	10	26	10	23	9
3772	Desert Sand-VY DK	1356	533	1292	508	1163	457
3778	Terra Cotta-LT	399	157	380	149	342	134
3781	Mocha Brown-DK	957	376	912	359	821	323
3787	Brown Gray -DK	1789	704	1704	670	1534	603
3790	Beige Gray-UL DK	1483	583	1412	555	1271	500
3799	Pewter Gray-VY DK	1905	750	1814	714	1633	642
3802	Antique Mauve-VY DK	371	146	353	138	318	125
3823	Yellow -UL Pale	225	88	214	84	193	75
3825	Pumpkin-Pale	374	147	356	140	320	125
3826	Golden Brown	105	41	100	39	90	35
3827	Golden Brown-Pale	594	233	565	222	509	200
3828	Hazelnut Brown	473	186	450	177	405	159
3855	Autumn Gold-LT	331	130	315	124	283	111
3856	Mahogany-UL VY LT	405	159	386	151	347	136
3860	Cocoa	1055	415	1005	395	904	355
3861	Cocoa-LT	377	148	359	141	323	127
3864	Mocha Beige-LT	177	69	168	66	151	59
3866	Mocha Brown-UL VY LT	134	52	128	50	115	45
Ecru	Ecru	97	38	92	36	83	32

Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		10		12		24	
1	White 1	454	178	378	149	189	74
356	Terra Cotta-MD	1327	522	1106	435	553	218
370	Mustard-MD	542	212	452	177	226	89
371	Mustard	374	146	312	122	156	61
407	Desert Sand-DK	477	187	398	156	199	78
413	Pewter Gray -DK	295	115	246	96	123	48
420	Hazelnut Brown-DK	1154	454	962	378	481	189
422	Hazelnut Brown-LT	524	205	437	171	218	86
437	Tan-LT	779	306	650	255	325	128
500	Blue Green-VY DK	4783	1883	3986	1569	1993	785
503	Blue Green-MD	50	20	42	17	21	8
524	Fern Green-VY LT	396	155	330	129	165	65
611	Drab Brown	1629	641	1358	534	679	267
612	Drab Brown-LT	1411	554	1176	462	588	231
613	Drab Brown-VY LT	394	155	329	129	164	65
632	Desert Sand-UL VY DK	1130	445	942	371	471	185
640	Beige Gray-VY DK	1159	455	966	380	483	190
645	Beaver Gray-VY DK	635	248	530	207	265	104
647	Beaver Gray-MD	270	106	225	89	113	44
676	Old Gold-LT	301	117	251	98	125	49
738	Tan-VY LT	608	239	507	200	254	100
739	Tan-UL VY LT	320	126	267	105	134	53
745	Yellow-LT Pale	299	117	249	98	125	49
746	Off White	520	203	434	170	217	85
747	Sky Blue-VY LT	382	149	318	125	159	62
762	Pearl Gray-VY LT	56	22	47	18	23	9
801	Coffee Brown-DK	155	59	129	50	65	25
827	Blue-VY LT	191	74	159	62	80	31



830	Golden Olive-DK	279	110	233	92	116	46
831	Golden Olive-MD	63	23	53	20	26	10
833	Golden Olive-LT	292	113	243	95	122	47
838	Beige Brown-VY DK	180	70	150	59	75	29
844	Beaver Brown-UL DK	4457	1753	3714	1461	1857	731
869	Hazelnut Brown-VY DK	135	52	113	44	56	22
922	Copper-LT	405	158	338	132	169	66
926	Gray Green-MD	50	20	42	17	21	8
927	Gray Green-LT	77	29	65	24	32	12
928	Gray Green-VY LT	234	92	195	77	98	38
932	Antique Blue-LT	40	14	33	12	17	6
935	Avocado Green-DK	238	92	198	77	99	38
950	Desert Sand-LT	77	29	65	24	32	12
955	Nile Green-LT	245	95	204	80	102	40
975	Golden Brown-DK	85	32	71	27	35	14
976	Golden Brown-MD	29	11	24	9	12	5
977	Golden Brown-LT	783	308	653	257	326	128
3013	Khaki Green-LT	486	191	405	159	203	80
3021	Brown Gray -VY DK	1532	603	1277	503	638	251
3022	Brown Gray -MD	295	115	246	96	123	48
3031	Mocha Brown-VY DK	608	239	507	200	254	100
3045	Yellow Beige-DK	986	387	822	323	411	161
3046	Yellow Beige-MD	281	110	234	92	117	46
3064	Desert Sand	1174	461	978	384	489	192
3078	Golden Yellow -VY LT	166	65	138	54	69	27
3347	Yellow Green-MD	72	27	60	23	30	11
3363	Pine Green-MD	607	238	506	198	253	99
3721	Shell Pink- DK	898	353	749	294	374	147
3722	Shell Pink- MD	54	20	45	17	23	8
3740	Antique Violet-DK	101	40	84	33	42	17
3756	Baby Blue-UL VY LT	41	16	35	14	17	7
3772	Desert Sand-VY DK	2093	823	1745	686	872	343
3778	Terra Cotta-LT	616	241	513	201	257	101
3781	Mocha Brown-DK	1478	581	1232	485	616	242
3787	Brown Gray -DK	2761	1085	2301	905	1151	452
3790	Beige Gray-UL DK	2288	900	1907	750	953	375
3799	Pewter Gray -VY DK	2939	1156	2450	963	1225	482
3802	Antique Mauve-VY DK	572	225	477	188	239	94
3823	Yellow -UL Pale	347	135	290	113	145	56
3825	Pumpkin-Pale	576	225	480	188	240	94
3826	Golden Brown	162	63	135	53	68	26
3827	Golden Brown-Pale	916	360	764	300	382	150
3828	Hazelnut Brown	729	286	608	239	304	119
3855	Autumn Gold-LT	509	200	425	167	212	83
3856	Mahogany-UL VY LT	625	245	521	204	260	102
3860	Cocoa	1627	639	1356	533	678	266
3861	Cocoa-LT	581	229	485	191	242	95
3864	Mocha Beige-LT	272	106	227	89	113	44
3866	Mocha Brown-UL VY LT	207	81	173	68	86	34
Ecru	Ecru	149	58	125	48	62	24

Extended thread usage table.

DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		25		26		27	
1	White 1	181	71	174	69	168	66
356	Terra Cotta-MD	531	209	510	201	491	193
370	Mustard-MD	217	85	208	82	201	79
371	Mustard	150	58	144	56	139	54
407	Desert Sand-DK	191	75	183	72	177	69
413	Pewter Gray -DK	118	46	114	44	109	43
420	Hazelnut Brown-DK	462	181	444	174	427	168
422	Hazelnut Brown-LT	210	82	201	79	194	76
437	Tan-LT	312	122	300	118	289	113
500	Blue Green-VY DK	1913	753	1839	724	1771	697
503	Blue Green-MD	20	8	19	8	19	7
524	Fern Green-VY LT	158	62	152	60	147	57
611	Drab Brown	652	256	627	246	603	237
612	Drab Brown-LT	564	222	543	213	523	205
613	Drab Brown-VY LT	158	62	152	60	146	57
632	Desert Sand-UL VY DK	452	178	435	171	419	165
640	Beige Gray-VY DK	464	182	446	175	429	169
645	Beaver Gray-VY DK	254	99	244	96	235	92
647	Beaver Gray-MD	108	42	104	41	100	39
676	Old Gold-LT	120	47	116	45	111	43
738	Tan-VY LT	243	96	234	92	225	89
739	Tan-UL VY LT	128	50	123	48	119	47
745	Yellow -LT Pale	120	47	115	45	111	43
746	Off White	208	81	200	78	193	75
747	Sky Blue-VY LT	153	60	147	57	141	55
762	Pearl Gray-VY LT	22	9	21	8	21	8
801	Coffee Brown-DK	62	24	60	23	57	22
827	Blue-VY LT	76	30	73	28	71	27
830	Golden Olive-DK	112	44	107	42	103	41
831	Golden Olive-MD	25	9	24	9	23	9
833	Golden Olive-LT	117	45	112	44	108	42
838	Beige Brown-VY DK	72	28	69	27	67	26
844	Beaver Brown-UL DK	1783	701	1714	674	1651	649
869	Hazelnut Brown-VY DK	54	21	52	20	50	19
922	Copper-LT	162	63	156	61	150	59
926	Gray Green-MD	20	8	19	8	19	7
927	Gray Green-LT	31	12	30	11	29	11
928	Gray Green-VY LT	94	37	90	35	87	34
932	Antique Blue-LT	16	6	15	6	15	5
935	Avocado Green-DK	95	37	91	35	88	34
950	Desert Sand-LT	31	12	30	11	29	11
955	Nile Green-LT	98	38	94	37	91	35
975	Golden Brown-DK	34	13	33	12	31	12
976	Golden Brown-MD	12	4	11	4	11	4
977	Golden Brown-LT	313	123	301	118	290	114
3013	Khaki Green-LT	194	76	187	73	180	71
3021	Brown Gray -VY DK	613	241	589	232	567	223
3022	Brown Gray -MD	118	46	114	44	109	43
3031	Mocha Brown-VY DK	243	96	234	92	225	89
3045	Yellow Beige-DK	395	155	379	149	365	143
3046	Yellow Beige-MD	112	44	108	42	104	41
3064	Desert Sand	469	184	451	177	435	171
3078	Golden Yellow -VY LT	66	26	64	25	61	24

3347	Yellow Green-MD	29	11	28	10	27	10
3363	Pine Green-MD	243	95	233	91	225	88
3721	Shell Pink-DK	359	141	345	136	333	131
3722	Shell Pink-MD	22	8	21	8	20	7
3740	Antique Violet-DK	40	16	39	15	37	15
3756	Baby Blue-UL VY LT	17	6	16	6	15	6
3772	Desert Sand-VY DK	837	329	805	316	775	305
3778	Terra Cotta-LT	246	96	237	93	228	89
3781	Mocha Brown-DK	591	233	568	224	547	215
3787	Brown Gray-DK	1104	434	1062	417	1023	402
3790	Beige Gray-UL DK	915	360	880	346	847	333
3799	Pewter Gray-VY DK	1176	462	1131	444	1089	428
3802	Antique Mauve-VY DK	229	90	220	87	212	83
3823	Yellow-UL Pale	139	54	134	52	129	50
3825	Pumpkin-Pale	230	90	222	87	213	83
3826	Golden Brown	65	25	62	24	60	23
3827	Golden Brown-Pale	366	144	352	138	339	133
3828	Hazelnut Brown	292	114	280	110	270	106
3855	Autumn Gold-LT	204	80	196	77	189	74
3856	Mahogany-UL VY LT	250	98	240	94	231	91
3860	Cocoa	651	256	626	246	603	237
3861	Cocoa-LT	233	91	224	88	215	85
3864	Mocha Beige-LT	109	42	105	41	101	39
3866	Mocha Brown-UL VY LT	83	32	80	31	77	30
Ecru	Ecru	60	23	57	22	55	21

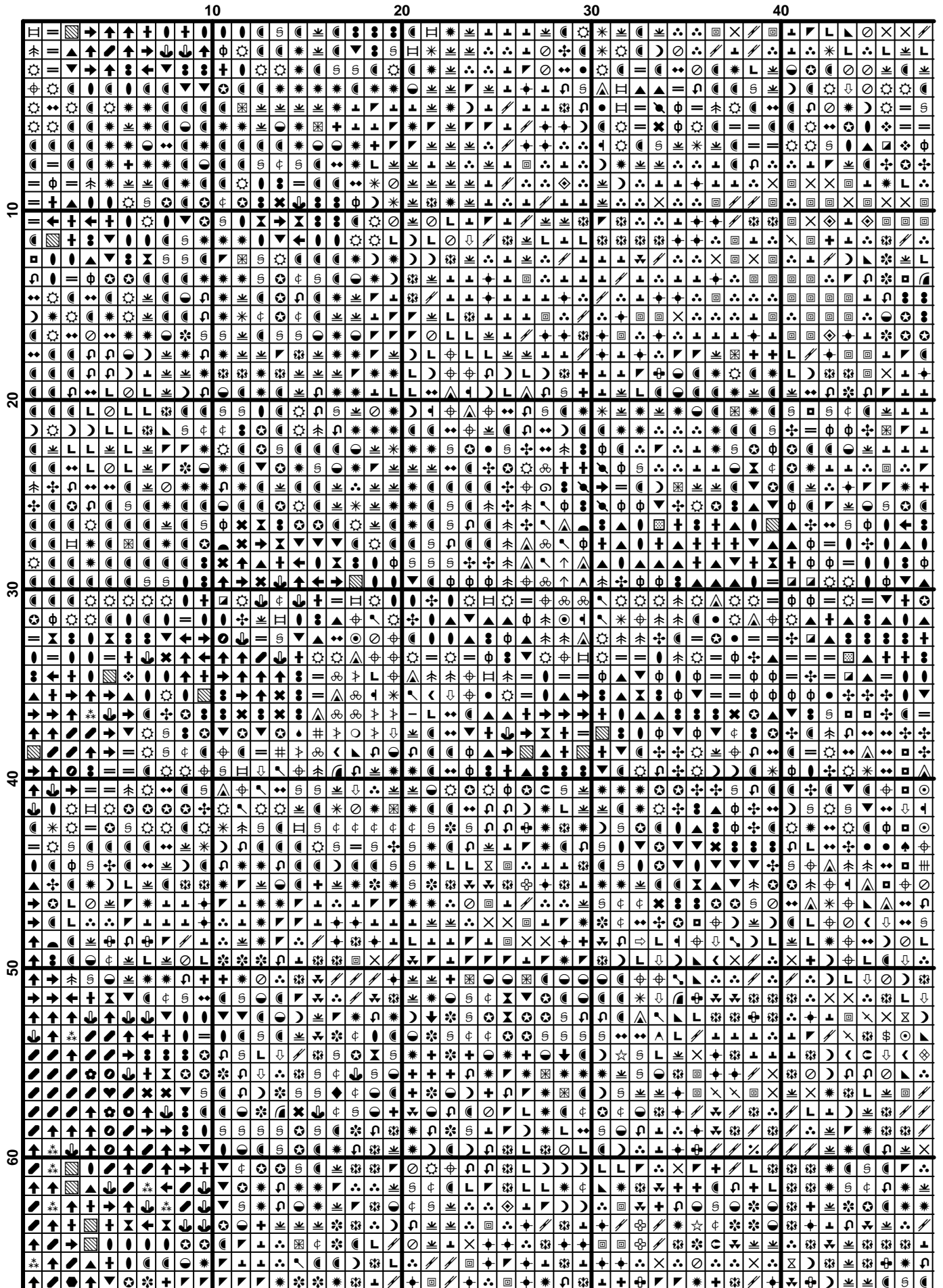
Extended thread usage table.							
DMC	Name	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)	Usage (cm)	Usage (inch)
		28		30		32	
1	White 1	162	64	151	59	142	56
356	Terra Cotta-MD	474	186	442	174	415	163
370	Mustard-MD	194	76	181	71	169	66
371	Mustard	134	52	125	49	117	46
407	Desert Sand-DK	170	67	159	62	149	59
413	Pewter Gray-DK	105	41	98	38	92	36
420	Hazelnut Brown-DK	412	162	385	151	361	142
422	Hazelnut Brown-LT	187	73	175	68	164	64
437	Tan-LT	278	109	260	102	244	96
500	Blue Green-VY DK	1708	672	1594	628	1495	588
503	Blue Green-MD	18	7	17	7	16	6
524	Fern Green-VY LT	141	55	132	52	124	48
611	Drab Brown	582	229	543	214	509	200
612	Drab Brown-LT	504	198	470	185	441	173
613	Drab Brown-VY LT	141	55	131	52	123	48
632	Desert Sand-UL VY DK	404	159	377	148	353	139
640	Beige Gray-VY DK	414	163	386	152	362	142
645	Beaver Gray-VY DK	227	89	212	83	199	78
647	Beaver Gray-MD	96	38	90	35	84	33
676	Old Gold-LT	107	42	100	39	94	37
738	Tan-VY LT	217	86	203	80	190	75
739	Tan-UL VY LT	114	45	107	42	100	39
745	Yellow-LT Pale	107	42	100	39	93	37
746	Off White	186	73	173	68	163	64
747	Sky Blue-VY LT	136	53	127	50	119	47
762	Pearl Gray-VY LT	20	8	19	7	17	7
801	Coffee Brown-DK	55	21	52	20	48	19
827	Blue-VY LT	68	26	64	25	60	23

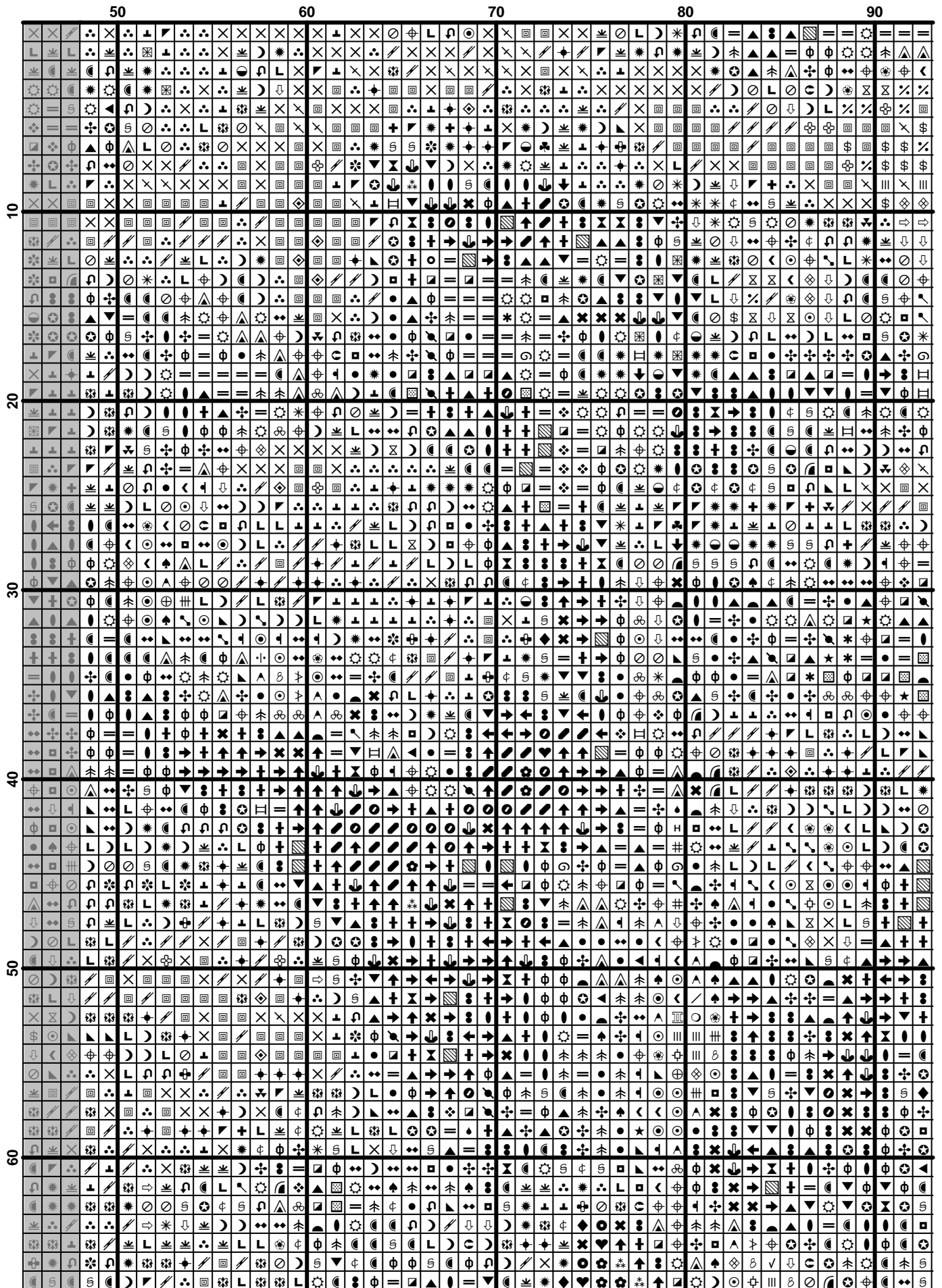
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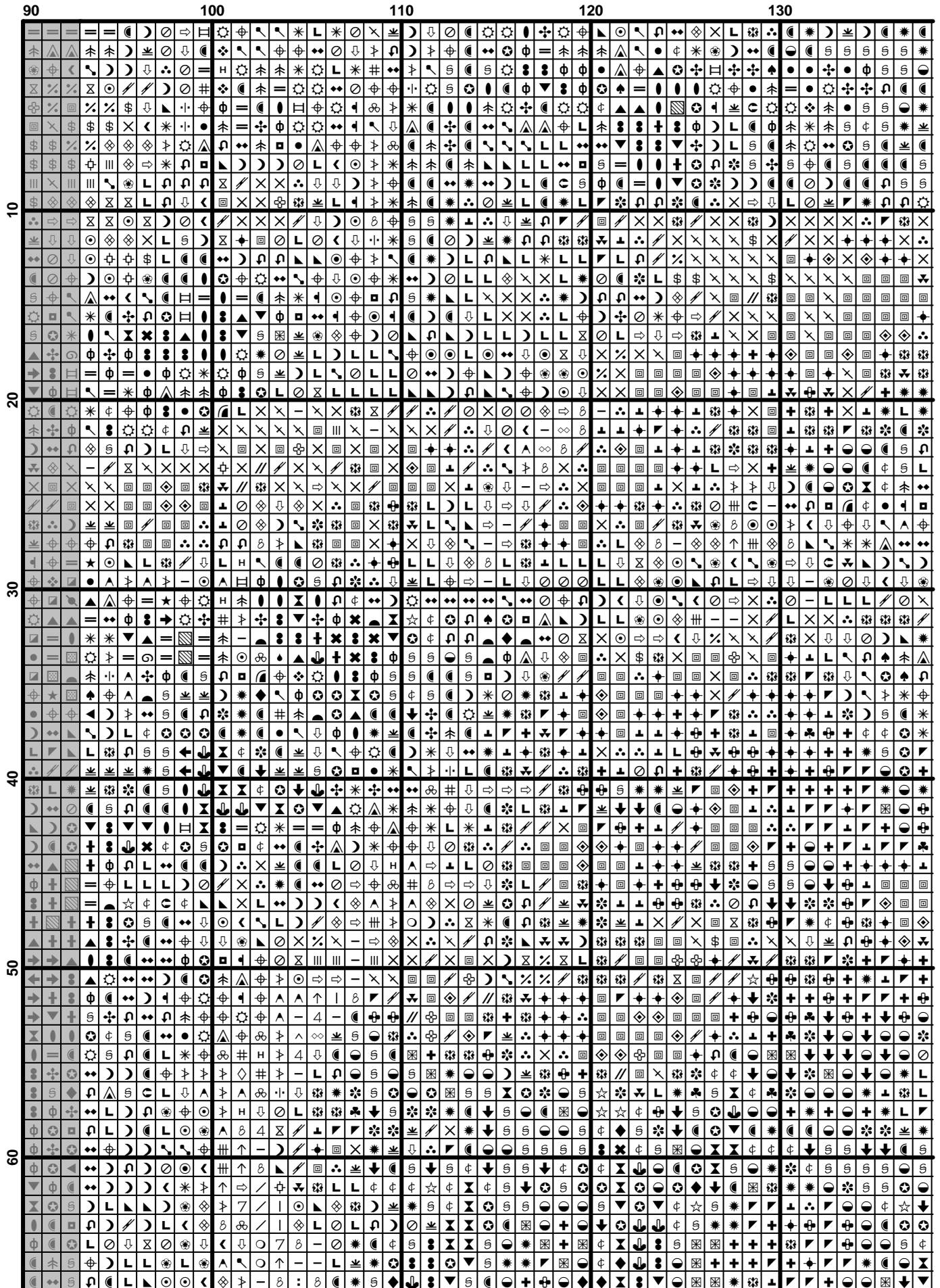
Internet: [www.goldenkite.com](http://www.goldenkite.com)

e-mail: [info@goldenkite.com](mailto:info@goldenkite.com)

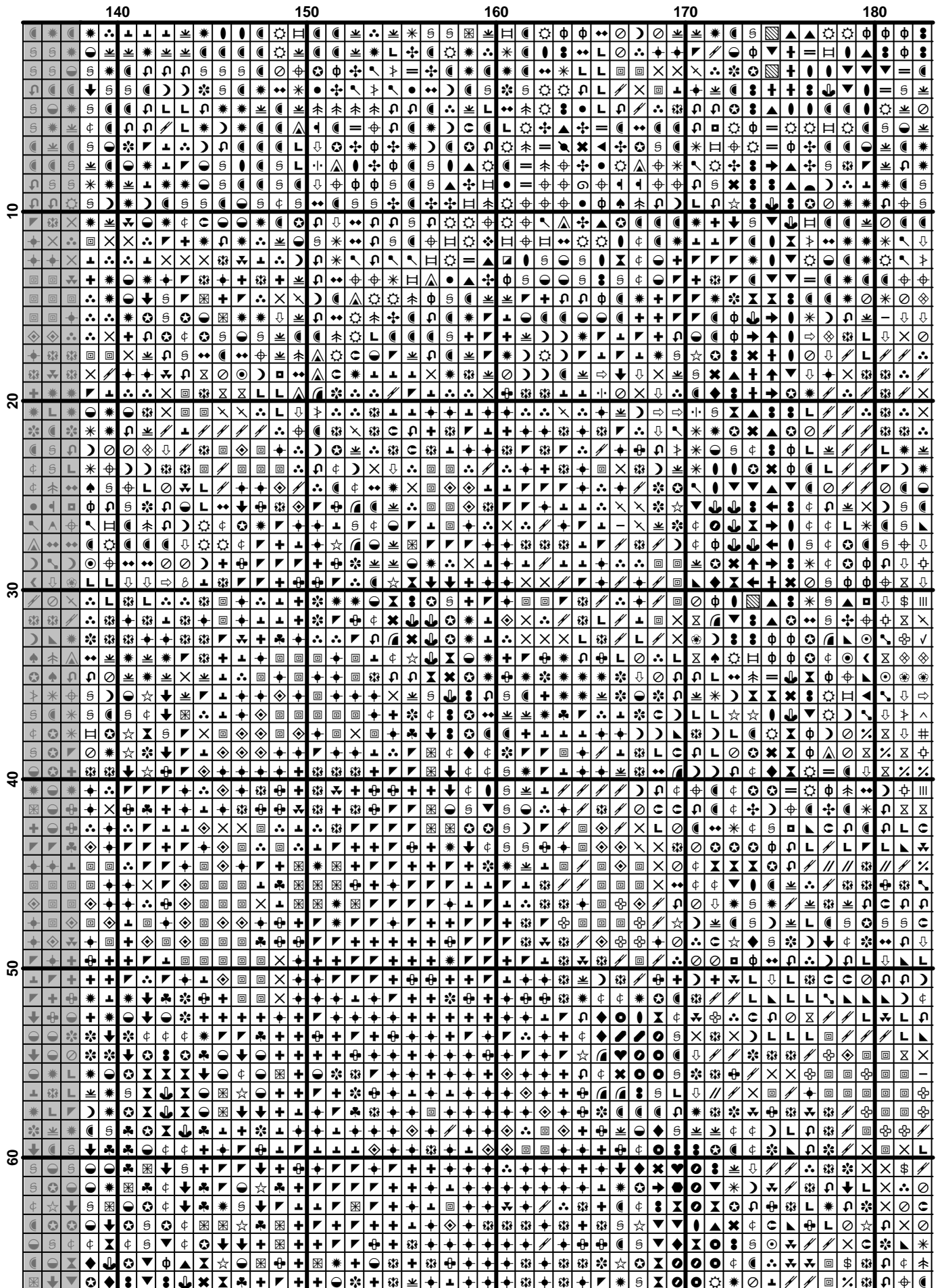
830	Golden Olive-DK	100	39	93	37	87	34
831	Golden Olive-MD	23	8	21	8	20	7
833	Golden Olive-LT	104	41	97	38	91	35
838	Beige Brown-VY DK	64	25	60	23	56	22
844	Beaver Brown-UL DK	1592	626	1486	584	1393	548
869	Hazelnut Brown-VY DK	48	19	45	17	42	16
922	Copper-LT	145	57	135	53	127	50
926	Gray Green-MD	18	7	17	7	16	6
927	Gray Green-LT	28	10	26	10	24	9
928	Gray Green-VY LT	84	33	78	31	73	29
932	Antique Blue-LT	14	5	13	5	12	5
935	Avocado Green-DK	85	33	79	31	74	29
950	Desert Sand-LT	28	10	26	10	24	9
955	Nile Green-LT	87	34	82	32	77	30
975	Golden Brown-DK	30	12	28	11	26	10
976	Golden Brown-MD	10	4	10	4	9	3
977	Golden Brown-LT	280	110	261	103	245	96
3013	Khaki Green-LT	174	68	162	64	152	60
3021	Brown Gray -VY DK	547	215	511	201	479	188
3022	Brown Gray -MD	105	41	98	38	92	36
3031	Mocha Brown-VY DK	217	86	203	80	190	75
3045	Yellow Beige-DK	352	138	329	129	308	121
3046	Yellow Beige-MD	100	39	94	37	88	34
3064	Desert Sand	419	165	391	154	367	144
3078	Golden Yellow -VY LT	59	23	55	22	52	20
3347	Yellow Green-MD	26	10	24	9	23	8
3363	Pine Green-MD	217	85	202	79	190	74
3721	Shell Pink- DK	321	126	299	118	281	110
3722	Shell Pink- MD	19	7	18	7	17	6
3740	Antique Violet-DK	36	14	34	13	32	12
3756	Baby Blue-UL VY LT	15	6	14	5	13	5
3772	Desert Sand-VY DK	748	294	698	274	654	257
3778	Terra Cotta-LT	220	86	205	80	192	75
3781	Mocha Brown-DK	528	208	493	194	462	182
3787	Brown Gray -DK	986	388	920	362	863	339
3790	Beige Gray-UL DK	817	321	763	300	715	281
3799	Pewter Gray -VY DK	1050	413	980	385	919	361
3802	Antique Mauve-VY DK	204	80	191	75	179	70
3823	Yellow -UL Pale	124	48	116	45	109	42
3825	Pumpkin-Pale	206	80	192	75	180	70
3826	Golden Brown	58	23	54	21	51	20
3827	Golden Brown-Pale	327	129	305	120	286	113
3828	Hazelnut Brown	260	102	243	95	228	89
3855	Autumn Gold-LT	182	71	170	67	159	62
3856	Mahogany-UL VY LT	223	87	208	82	195	77
3860	Cocoa	581	228	542	213	509	200
3861	Cocoa-LT	208	82	194	76	182	71
3864	Mocha Beige-LT	97	38	91	35	85	33
3866	Mocha Brown-UL VY LT	74	29	69	27	65	25
Ecru	Ecru	53	21	50	19	47	18









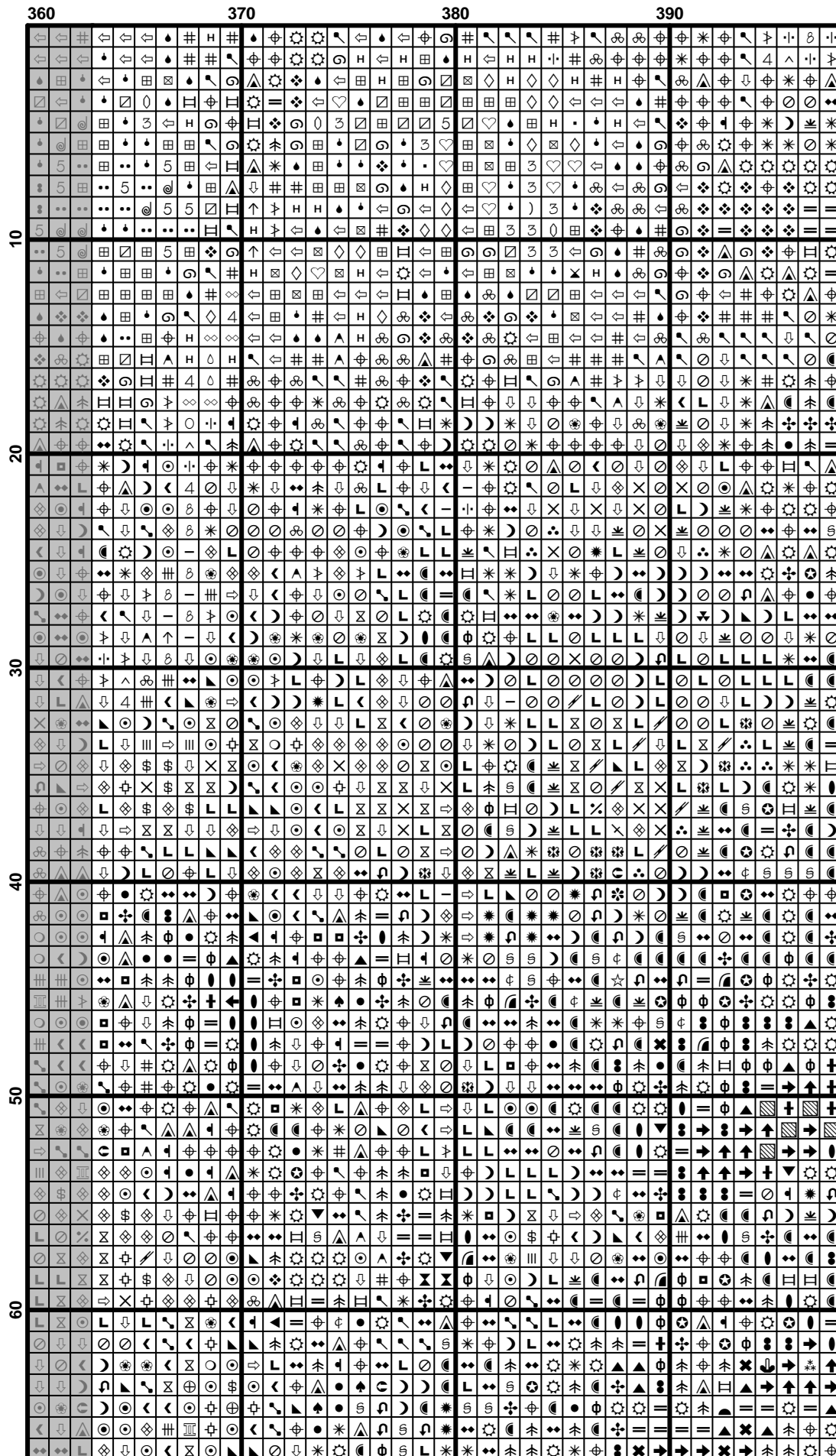


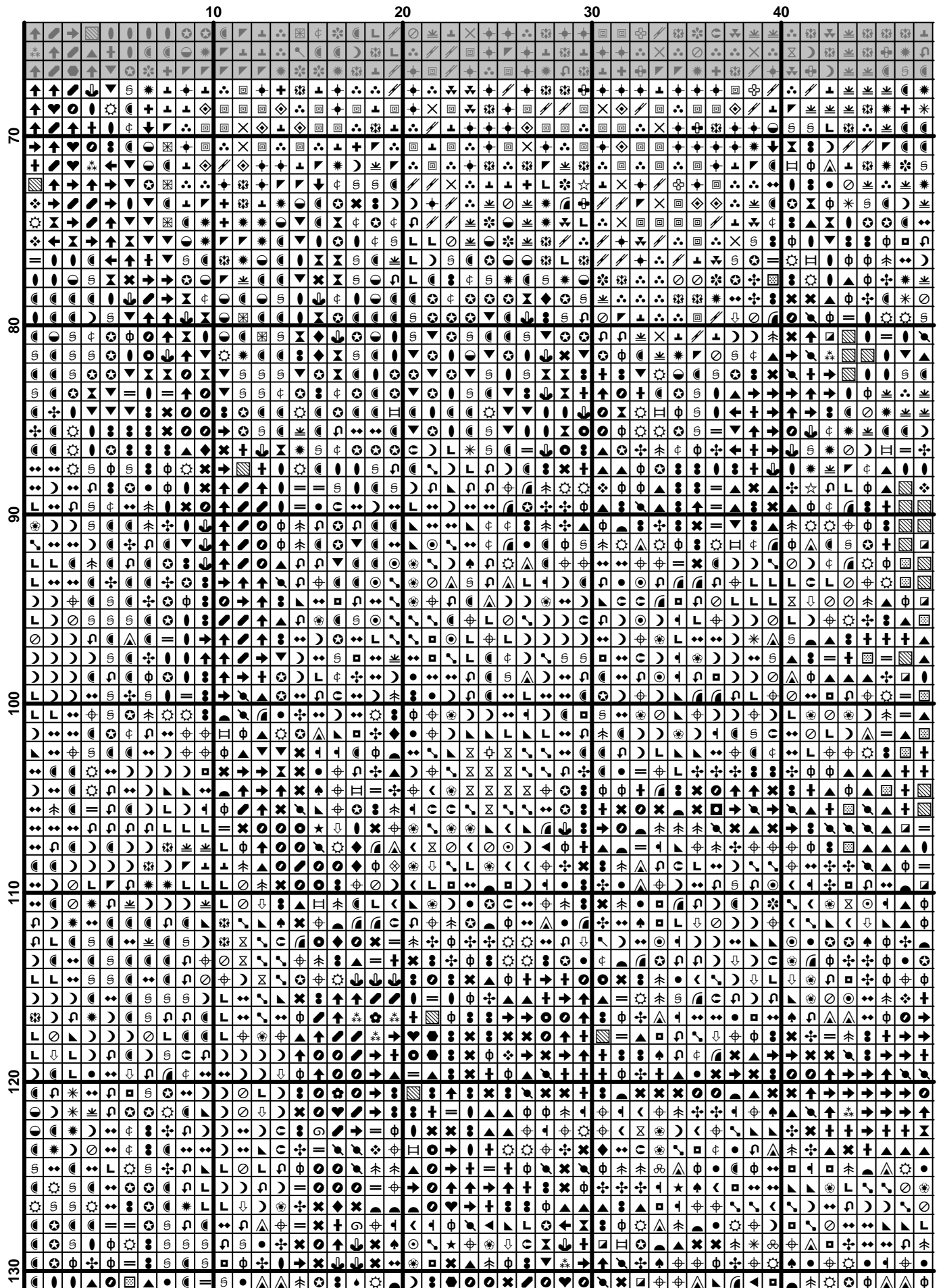
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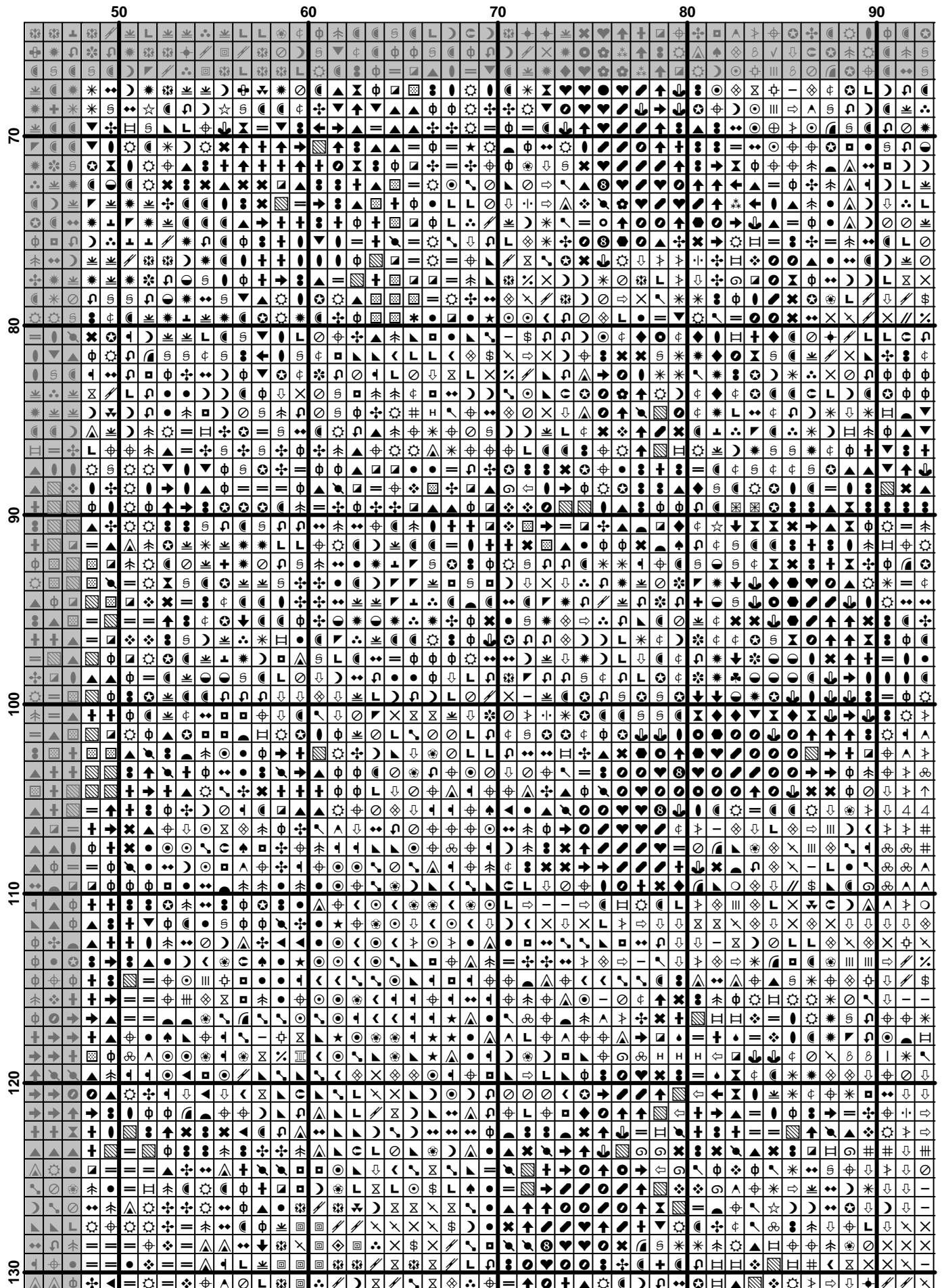
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10	+	+	+	+	+
20	+	+	+	+	+
30	+	+	+	+	+
40	+	+	+	+	+
50	+	+	+	+	+
60	+	+	+	+	+

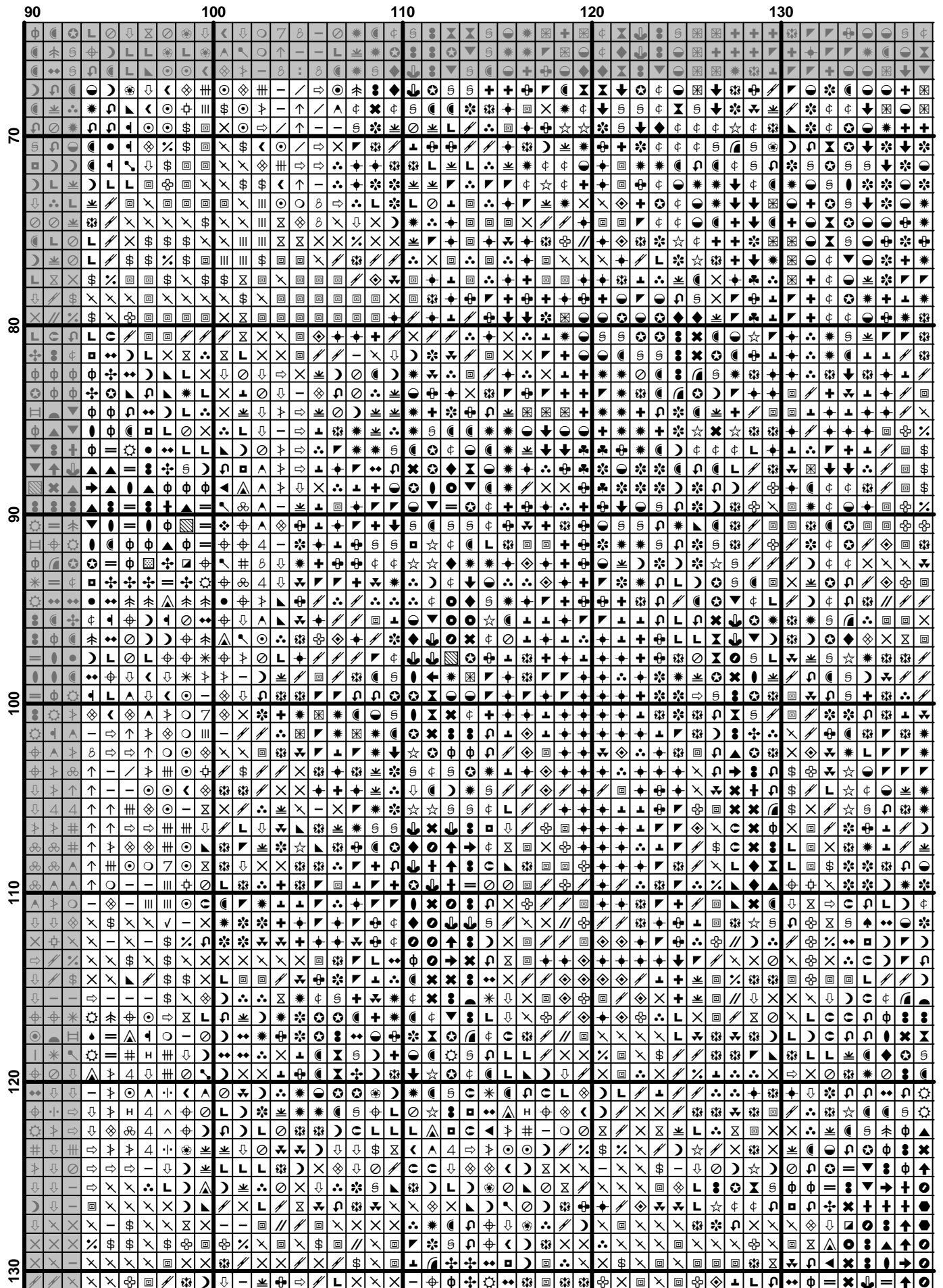
	320	330	340	350	360
10	...	...	...	...	...
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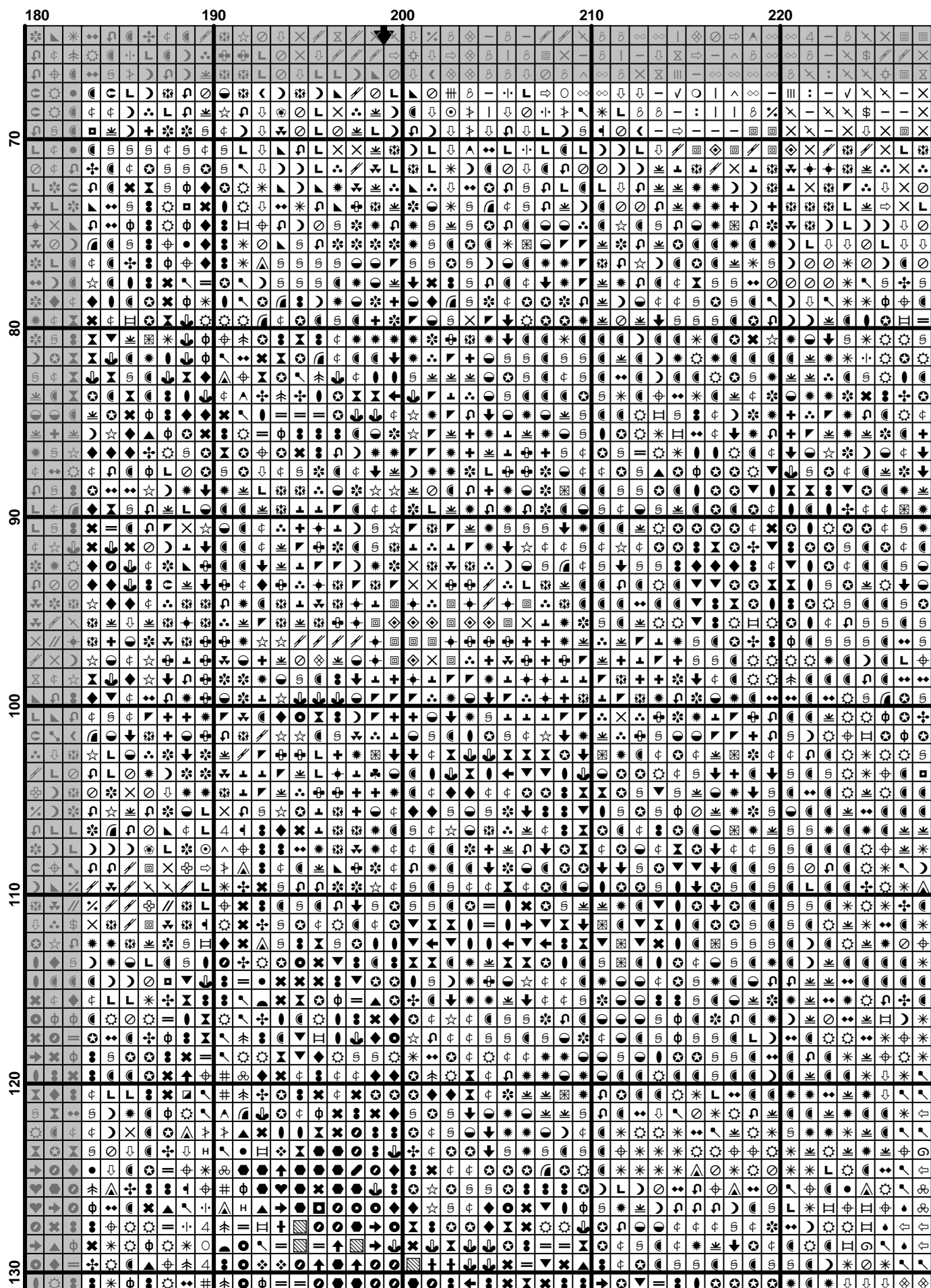






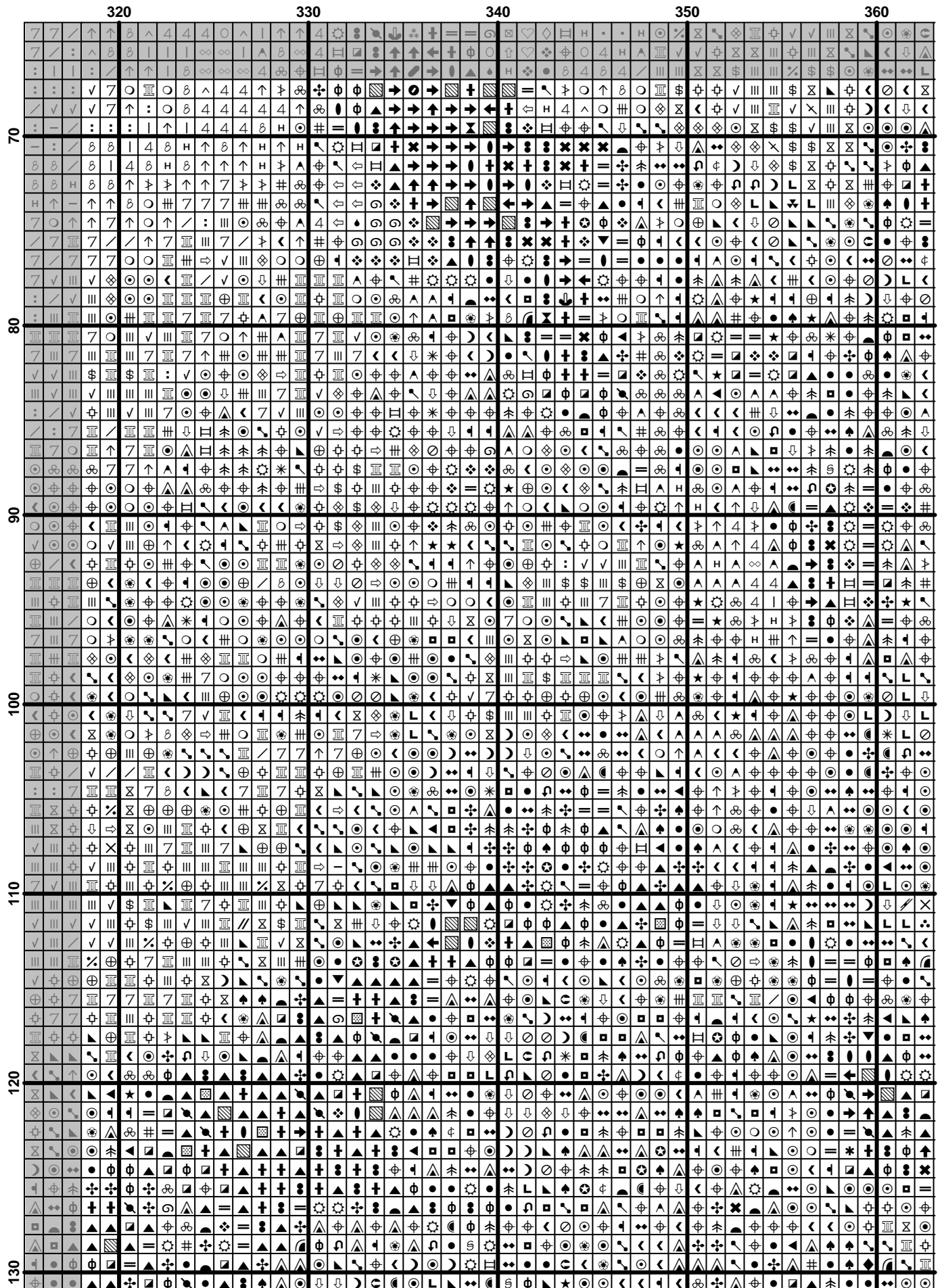


$$(22) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (23)$$



$$(24) \quad \mathcal{L}(\mathcal{A}) = \mathcal{L}(\mathcal{B}) \quad (25)$$

[illegible]







(29)

