

THE SUBGROUP LATTICE OF ${}^2F_4(2)$

THOMAS CONNOR AND DIMITRI LEEMANS

Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
1	${}^2F_4(2)$	35942400	1	2, 3 (1755), 4 (2304), 5 (2925), 22 (14976), 101 (83200), 217 (230400)	
2	${}^2F_4(2)'$	17971200	1	6 (3200), 7 (1755), 10 (2304), 11 (2925), 33 (24960), 35 (14976)	1
3	$2^2 \times 4 \cdot 2 : 2 : 2 : 2 : 2 : 2 : 5 : 2 \cdot 2 \cdot 2$	20480	1755	7, 8, 9, 18 (5), 34 (16)	1
4	$L_2(25) \cdot 2$	15600	2304	10, 66 (26), 530 (300), 533 (325)	1
5	$2^4 \cdot 2 : 2 : 2 : 2 : 2 : 2 : 2 : 2 : S_3$	12288	2925	12, 11, 13, 18 (3), 19 (4)	1
6	$L_3(3) : 2$	11232	3200	14, 192 (52), 352 (117), 364 (144), 534 (234)	2
7	$D_8 \times 2^2 \cdot 2 \times 2 : 2 : 2 : 2 : 5 : 2 \cdot 2$	10240	1755	15, 23 (5), 63 (16)	2, 3
8	$D_8 \times 2^3 : 2 : 2 : 2 : 2 : 5 : 2 \cdot 2$	10240	1755	15, 24 (5), 64 (16)	3
9	$D_8 \times 2 \cdot 2 \times 2 \times 2 \cdot 2 : 2 : 5 : 2 : 2$	10240	1755	16, 15, 17, 25 (5), 65 (16)	3
10	$L_2(25)$	7800	2304	125 (26), 343 (130), 676 (300), 678 (325)	2, 4
11	$8 : 2 : 2 : 2 \times 2 : 2 : 2 : 2 : S_3$	6144	2925	20, 23 (3), 30 (4)	2, 5
12	$D_8 \times 2^2 \cdot 2 : 2 : 2 : 2 : 2 : 2 \cdot 2 \cdot S_3$	6144	2925	20, 26 (3), 31 (4)	5
13	$D_8 \times 2^2 \cdot 2 : 2 : 2 : 2 : 2 : 2 \cdot 2 : 3 \cdot 2$	6144	2925	20, 27, 32 (4)	5
14	$L_3(3)$	5616	3200	102 (26), 546 (144), 679 (234)	6
15	$2^2 \times 4 : 2 \times 2 : 2 : 2 : 2 : 2 : 5 : 2$	5120	1755	21, 36 (5), 118 (16)	7, 8, 9

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
16	$D_8 \times 2 \cdot 2 \times 2 \times 2 \cdot 2 :$ $2 : 5 \cdot 2$	5120	1755	21, 37 (5), 119 (16)	9
17	$2 \times 4 : 2 \times 2 \cdot 2 \times 2 :$ $2 : 2 : 5 \cdot 2$	5120	1755	21, 38, 120 (16)	9
18	$2^2 \times 4 : 2 : 2 : 2 \cdot 2 :$ $2 : 2 \cdot 2 \cdot 2$	4096	8775	27, 28, 26, 29, 23, 25, 24	3, 5
19	$D_8 \times 2^2 \cdot 2 \cdot 2 : 2 : 2 :$ S_3	3072	11700	32, 30, 31, 39 (3), 54 (4), 55 (4), 56 (4)	5
20	$2^2 \times 4 : 2 : 2 : 2 \cdot 2 :$ $2 \cdot 2 : 3$	3072	2925	40, 57 (4)	11, 12, 13
21	$2^4 \cdot 2 \times 2 : 2 : 2 : 2 \cdot 5$	2560	1755	68, 214 (16)	15, 16, 17
22	$5^2 : 2 : 2 \cdot 2 : 2 \cdot S_3$	2400	14976	35, 53 (3), 66 (4), 353 (25)	1
23	$2^2 \times 4 : 2 \cdot 2 \cdot 2 : 2 :$ $2 : 2 \cdot 2$	2048	8775	40, 41, 36	7, 11, 18
24	$2^2 \times 4 : 2 : 2 \cdot 2 : 2 :$ $2 : 2 \cdot 2$	2048	8775	42, 43, 36	8, 18
25	$8 : 2 : 2 : 2 \times 2 :$ $2 \cdot 2 : 2 : 2$	2048	8775	39 (2), 44, 45, 46, 47, 48 (2), 49 (2), 50 (2), 36, 38, 37	9, 18
26	$2^2 \times 4 : 2 : 2 \cdot 2 : 2 \cdot 2 :$ $2 \cdot 2$	2048	8775	40, 43, 45	12, 18
27	$2^2 \times 4 \cdot 2 \cdot 2 : 2 : 2 :$ $2 : 2 \cdot 2$	2048	2925	42 (3), 47 (3), 40	13, 18 (3)
28	$2^2 \times 4 : 2 : 2 \cdot 2 \cdot 2 :$ $2 \cdot 2$	2048	8775	47, 51 (2), 43, 52 (2), 41	18
29	$D_8 \times 2^2 \cdot 2 : 2 \cdot 2 :$ $2 \cdot 2 \cdot 2$	2048	8775	42, 45, 41	18
30	$2^2 \times 4 : 2 : 2 : 2 \cdot 2 :$ S_3	1536	11700	58 (2), 57, 69 (3), 106 (4), 107 (4), 108 (4)	11, 19
31	$2^2 \times 4 \cdot 2 \cdot 2 : 2 : 2 \cdot S_3$	1536	11700	57, 70 (3), 109 (4), 110 (4), 111 (4)	12, 19
32	$2^2 \times 4 \cdot 2 : 2 : 2 :$ $3 \cdot 2 : 2$	1536	11700	59 (2), 57, 71, 112 (4), 113 (4), 114 (8), 115 (4)	13, 19
33	$S_6 : 2$	1440	24960	60, 61, 62, 219 (10), 543 (36), 549 (45)	2
34	$2^4 : 5 : 2 \cdot 2 \times 2 \cdot 2$	1280	28080	63, 64, 65, 126 (5), 362 (16)	3
35	$5^2 : 2 \cdot 2 \cdot 2 : 3 : 2$	1200	14976	67, 103, 125 (4), 535 (25)	2, 22

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
36	$2^2 \times 4 : 2 : 2 \times 2 : 2 : 2 : 2 : 2$	1024	8775	72, 73 (2), 69 (2), 74, 68	15, 23, 24, 25
37	$D_8 \times 2 : 2 \times 2 : 2 \cdot 2 : 2 : 2$	1024	8775	75 (2), 76, 77, 78 (2), 68	16, 25
38	$D_8 \times 2 \cdot 2 \times 2 \times 2 \cdot 2 \cdot 2 : 2$	1024	1755	79 (10), 80 (10), 81 (5), 82 (5), 68	17, 25 (5)
39	$2^2 \times 4 : 2 \cdot 2 : 2 : 2 : 2 : 2 : 2$	1024	17550	71, 83 (2), 84 (2), 85, 75, 69, 86, 87 (2), 88 (2), 80, 70	19 (2), 25
40	$D_8 \times 2 : 2 \cdot 2 \times 2 : 2 : 2 : 2 \cdot 2$	1024	2925	72 (3)	20, 23 (3), 26 (3), 27
41	$8 : 2 \times 2 : 2 \cdot 2 : 2 \cdot 2 : 2$	1024	8775	72, 89 (2)	23, 28, 29
42	$D_8 \times 2 \cdot 2 \times 2 \cdot 2 : 2 : 2$	1024	8775	90 (2), 72	24, 27, 29
43	$D_8 \times 2^2 \cdot 2 : 2 \cdot 2 \cdot 2 : 2$	1024	8775	72, 91 (2)	24, 26, 28
44	$D_8 \times 2^2 \cdot 2 \times 2 \cdot 2 \cdot 2 \cdot 2$	1024	8775	85 (2), 92 (2), 82, 76, 74	25
45	$2^2 \times 4 \cdot 2 : 2 : 2 \cdot 2 \cdot 2 : 2$	1024	8775	70 (2), 93 (2), 72, 81, 76	25, 26, 29
46	$2^2 \times 4 \cdot 2 : 2 \cdot 2 : 2 \cdot 2 \cdot 2$	1024	8775	86 (2), 94 (2), 77, 81, 74	25
47	$2^2 \times 4 : 2 : 2 : 2 \cdot 2 : 2$	1024	8775	95 (4), 96, 97 (4), 90, 98, 71, 82, 72, 77	25, 27, 28
48	$2^3 \times 4 : 2 \times 2 : 2 : 2 \cdot 2$	1024	17550	85, 93, 96, 94, 80, 78, 73	25
49	$2^3 \times 4 \cdot 2 : 2 \cdot 2 \cdot 2 : 2$	1024	17550	79, 92, 94, 78, 70, 90, 69	25
50	$2^3 \times 4 \cdot 2 : 2 \cdot 2 \cdot 2 : 2$	1024	17550	79, 98, 75, 93, 73, 92, 86	25
51	$2^2 \times 4 \cdot 2 : 2 : 2 \cdot 2 \cdot 2 \cdot 2$	1024	17550	99 (2), 100 (2), 96, 91, 89	28
52	$2^2 \times 4 \cdot 2 : 2 : 2 \cdot 2 \cdot 2 \cdot 2$	1024	17550	98, 91, 89	28
53	$5^2 : 2 \cdot 2 : 2 : 2 \cdot 2$	800	44928	104, 103, 105, 550 (25)	22
54	$Q_8 \times 2^2 : 2 : 2 : S_3$	768	46800	109, 107, 113, 127 (3), 201 (4)	19
55	$2^2 \times 4 \cdot 2 : 2 : 2 : S_3$	768	46800	108, 110, 112, 128 (3), 201 (4)	19
56	$2^2 \times 4 \cdot 2 : 2 : 2 : S_3$	768	46800	111, 106, 115, 129 (3), 201 (4)	19
57	$2^2 \times 4 \cdot 2 : 2 : 2 : 3 : 2$	768	11700	116, 130, 202 (8), 203 (4), 204 (4), 205 (4)	20, 30, 31, 32

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
58	$Q_8 \times 2^2 : 2 : 2 : S_3$	768	23400	116, 131 (3), 206 (4), 207 (4), 208 (4)	30
59	$2^2 \times 4 \cdot 2 : 2 : 2 : 3 \cdot 2$	768	23400	116, 132, 209 (4), 210 (4), 211 (4), 212 (4), 213 (4)	32
60	M_{10}	720	24960	117, 366 (10), 688 (36), 697 (45)	33
61	$A_6 : 2$	720	24960	117, 367 (10), 689 (36), 698 (45)	33
62	S_6	720	24960	117, 343 (12), 368 (10), 534 (30)	33
63	$2^4 : 5 : 2 \cdot 2 \times 2$	640	28080	121, 118, 122, 220 (5), 543 (16)	7, 34
64	$2^4 : 5 \times 2 : 2 \cdot 2$	640	28080	118, 123, 124, 221 (5), 544 (16)	8, 34
65	$2^4 : 5 \times 2 \cdot 2 : 2$	640	28080	119, 118, 120, 222 (5), 545 (16)	9, 34
66	$5^2 : 2 \cdot 2 \cdot S_3$	600	59904	125, 196 (3), 680 (25)	4, 22
67	$5^2 : 2 \cdot 2 \cdot 2 : 3$	600	14976	197, 218 (4), 681 (25)	35
68	$2^4 \cdot 2 : 2 : 2 : 2 : 2$	512	1755	133 (10), 134 (5)	21, 36 (5), 37 (5), 38
69	$2 \times 8 : 2 : 2 \cdot 2 : 2 : 2$	512	17550	130, 135 (2), 131 (2), 136 (2), 137 (4), 138, 139 (2), 133	30 (2), 36, 39, 49
70	$2 \times 8 : 2 : 2 \cdot 2 : 2 : 2$	512	17550	130, 140 (2), 141, 142, 143 (2)	31 (2), 39, 45, 49
71	$2^2 \times 4 \cdot 2 : 2 : 2 : 2 : 2$	512	2925	144 (6), 145 (12), 146 (12), 147 (24), 130, 132 (2), 148 (3), 149 (3)	32 (4), 39 (6), 47 (3)
72	$2^3 \times 4 : 2 \cdot 2 : 2 : 2$	512	8775	130, 150 (4), 151, 134	36, 40, 41, 42, 43, 45, 47
73	$2 \times 8 : 2 : 2 \cdot 2 : 2 : 2$	512	17550	138, 152 (4), 151, 133	36, 48, 50
74	$2^2 \times 4 : 2 \times 2 \cdot 2 : 2 \cdot 2$	512	8775	138 (2), 134	36, 44, 46
75	$2^4 \cdot 2 \cdot 2 : 2 \cdot 2 : 2$	512	17550	153 (2), 154 (4), 127 (2), 148, 155 (2), 141, 133, 156 (2)	37, 39, 50
76	$2 \times 4 : 2 \times 2 \times 2 \cdot 2 : 2 \cdot 2$	512	8775	141 (2), 134	37, 44, 45
77	$D_8 \times 2 \cdot 2 \cdot 2 \times 2 : 2 \cdot 2$	512	8775	157 (4), 148, 158, 134	37, 46, 47
78	$2^2 \times 4 \cdot 2 : 2 \cdot 2 : 2 : 2$	512	17550	141, 159 (4), 158, 133	37, 48, 49
79	$2^3 \cdot 2 \times 2 \cdot 2 : 2 \times 2 : 2$	512	17550	160 (4), 161 (2), 142, 162 (2), 163 (2), 164 (2), 165, 133	38, 49, 50

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
80	$2^3 \times 4 : 2 : 2 \cdot 2 : 2$	512	17550	160 (2), 166 (2), 167 (3), 149, 161, 164 (2), 142, 168, 133, 169	38, 39, 48
81	$2 \times 4 : 2 \times 2 \cdot 2 \times 2 : 2 \cdot 2$	512	8775	142 (2), 162 (4), 168 (4), 164 (4), 134	38, 45, 46
82	$2 \times 4 : 2 \times 2 \cdot 2 : 2 \cdot 2 : 2$	512	8775	163 (2), 134, 166 (2), 169 (4), 162 (4), 149, 165	38, 44, 47
83	$2^2 \times 4 \cdot 2 \cdot 2 : 2 : 2 \cdot 2$	512	35100	145, 140, 169, 155, 170, 135, 171	39
84	$D_8 : (2^3 \cdot 2 : 2) : 2$	512	35100	172 (2), 173 (2), 129 (2), 174 (2), 146, 175, 139, 156, 140, 161, 171	39
85	$2^2 \times 4 : 2 \cdot 2 \cdot 2 : 2 \cdot 2$	512	17550	149, 170 (2), 141, 175 (2), 138	39, 44, 48
86	$2^2 \times 4 : 2 \cdot 2 \cdot 2 : 2 \cdot 2$	512	17550	148, 171 (2), 138, 142, 176 (2)	39, 46, 50
87	$2^2 \times 4 : 2 \cdot 2 : 2 : 2 \cdot 2$	512	35100	128 (2), 177 (2), 178 (2), 179 (2), 145, 156, 139, 170, 143, 176, 167	39
88	$2^4 \cdot 2 \cdot 2 \cdot 2 : 2 \cdot 2$	512	35100	146, 175, 135, 155, 143, 168, 176	39
89	$8 : 2 \times 2 : 2 \cdot 2 : 2 \cdot 2$	512	17550	151, 180 (2)	41, 51, 52
90	$D_8 \times 2 \cdot 2 \times 2 \cdot 2 : 2 : 2$	512	8775	181 (4), 165, 158, 130	42 (2), 47, 49 (2)
91	$2 \times 8 : 2 : 2 : 2 \cdot 2 \cdot 2$	512	17550	182 (2), 151	43, 51, 52
92	$2^2 \times 4 \cdot 2 : 2 : 2 \cdot 2 \cdot 2$	512	17550	165, 141, 138	44, 49, 50
93	$D_8 \times 2^2 \cdot 2 : 2 \cdot 2 \cdot 2$	512	17550	142, 141, 151	45, 48, 50
94	$2 \times 4^2 : 2 : 2 : 2 \cdot 2$	512	17550	142, 138, 158	46, 48, 49
95	$2 \times 4 \cdot 2 : 2 \times 2 \cdot 2 : 2 : 2$	512	35100	181, 183 (2), 184, 163, 185 (2), 150, 186, 187 (2), 157, 144, 126 (2)	47
96	$2^2 \times 4 \cdot 2 : 2 : 2 \cdot 2 \cdot 2$	512	8775	149, 188 (8), 184 (2), 158, 189 (2), 151	47, 48 (2), 51 (2)
97	$2^3 \cdot 2 \times 2 \cdot 2 \times 2 : 2 : 2$	512	35100	166, 157, 186, 189, 181, 150, 144	47
98	$2^2 \times 4 \cdot 2 \cdot 2 : 2 : 2 \cdot 2$	512	8775	186 (4), 165, 151, 148	47, 50 (2), 52 (2)
99	$D_8 : (2^2 \times 4) \cdot 2 \cdot 2$	512	35100	184, 190 (2), 191 (2), 182, 180	51

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
100	$16 : 2 : 2 : 2 : 2 \cdot 2$	512	35100	189, 182, 180	51
101	$3^{1+2} : (D_8 \cdot 2)$	432	83200	192, 193, 194, 533 (9)	1
102	$M_9 : S_3$	432	83200	195, 219 (3), 344 (4), 536 (9)	14
103	$5^2 : 2 : 2 : 2 : 2$	400	14976	198 (3), 199 (3), 197, 699 (25)	35, 53 (3)
104	$5^2 : 2 : 2 : 2 : 2$	400	44928	196 (2), 199, 700 (25)	53
105	$5^2 : 2 : 2 : 2 \cdot 2$	400	44928	200 (2), 199, 362 (10)	53
106	$D_8 : 2^3 : S_3$	384	46800	208 (2), 203, 223 (3), 354 (4), 352 (8)	30, 56
107	$2^2 \times 4 : 2 : 2 : S_3$	384	46800	204, 206 (2), 224 (3), 354 (4)	30, 54
108	$2^2 \times 4 \cdot 2 : 2 : S_3$	384	46800	207 (2), 205, 225 (3), 354 (4)	30, 55
109	$2^2 \times 4 : 2 : 2 \cdot S_3$	384	46800	204, 226 (3), 355 (4)	31, 54
110	$2^2 \times 4 : 2 : 2 \cdot S_3$	384	46800	205, 227 (3), 355 (4)	31, 55
111	$D_8 : 2^3 \cdot S_3$	384	46800	203, 228 (3), 355 (4), 353 (8)	31, 56
112	$2^2 \times 4 \cdot 2 : 3 : 2 \cdot 2$	384	46800	212 (2), 205, 229, 356 (4)	32, 55
113	$2^4 : 3 \times 2 \cdot 2 \cdot 2$	384	46800	210 (2), 204, 230, 356 (4)	32, 54
114	$2^2 \times 4 \cdot 2 : 3 \cdot 2 \cdot 2$	384	93600	202, 209, 213, 231, 356 (4)	32
115	$Q_8 \cdot (A_4 \times 2) \cdot 2$	384	46800	211 (2), 203, 232, 356 (4)	32, 56
116	$2^2 \times 4 \cdot 2 : 2 : 2 : 3$	384	11700	233, 357 (8), 358 (4), 359 (4), 360 (4)	57, 58 (2), 59 (2)
117	A_6	360	24960	527 (12), 547 (10), 679 (30)	60, 61, 62
118	$2^4 : 5 \times 2 : 2$	320	28080	214, 215, 216, 369 (5), 689 (16)	15, 63, 64, 65
119	$2^4 : 5 \times 2 \cdot 2$	320	28080	214, 370 (5), 690 (16)	16, 65
120	$2^4 : 5 \times 2 \cdot 2$	320	28080	214, 371, 691 (16)	17, 65
121	$2^4 : 5 : 2 \cdot 2$	320	28080	216, 372 (5), 692 (16)	63
122	$2^4 : 5 : 2 \cdot 2$	320	28080	216, 373 (5), 688 (16)	63
123	$2^4 : 5 : 2 \cdot 2$	320	28080	215, 374 (5), 693 (16)	64
124	$2^4 : 5 : 2 \cdot 2$	320	28080	215, 375 (5), 694 (16)	64
125	$5^2 : 3 : 2 \cdot 2$	300	59904	218, 347, 785 (25)	10, 35, 66
126	$8 : 2 \times 2 : 2 \cdot 2 : 2$	256	70200	234, 235, 236, 237, 221, 222, 220	34 (2), 95
127	$D_8 \times 2^2 : 2 : 2 \cdot 2$	256	35100	224, 238 (2), 230, 239 (2), 226	54 (4), 75

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
128	$2^2 \times 4 : 2 \cdot 2 : 2 : 2$	256	70200	229, 240, 225, 241, 227, 242, 243	55 (2), 87
129	$Q_8 : (2 \times 4 : 2) : 2$	256	70200	223, 244, 232, 245, 228, 246, 247	56 (2), 84
130	$2^2 \times 4 \cdot 2 : 2 : 2 : 2$	256	2925	248 (3), 249 (12), 250 (12), 251 (3), 233	57 (4), 69 (6), 70 (6), 71, 72 (3), 90 (3)
131	$Q_8 : D_8 : 2 : 2$	256	35100	252, 253 (2), 254, 255 (2), 233	58 (2), 69
132	$2^2 \times 4 \cdot 2 : 2 : 2 \cdot 2$	256	5850	256 (3), 257 (12), 258 (12), 259 (3), 233	59 (4), 71
133	$D_8 \times 2^2 \cdot 2 : 2 : 2$	256	17550	260 (2), 224 (2), 252 (2), 261 (3), 262, 263 (2), 251, 264 (2)	68, 69, 73, 75, 78, 79, 80
134	$2^4 \cdot 2 \cdot 2 \times 2 : 2$	256	8775	262 (4), 260 (2), 251	68, 72, 74, 76, 77, 81, 82
135	$2 \times 8 : 2 : 2 \cdot 2 : 2$	256	35100	265 (2), 266, 250, 255 (2), 262	69, 83, 88
136	$D_8 \times 2 : 2 \times 2 : 2 : 2$	256	35100	248, 267 (2), 254, 252, 265 (2)	69
137	$Q_8 : D_8 : 2 : 2$	256	70200	265, 253, 267, 255, 249, 268, 263	69
138	$2 \times 4 : 2 \times 2 \times 2 \cdot 2 : 2$	256	17550	254 (2), 266 (2), 251, 268 (2)	69, 73, 74, 85, 86, 92, 94
139	$2^2 \times 4 : 2 : 2 : 2 : 2$	256	35100	261, 223 (2), 267 (2), 269 (2), 266, 250, 270 (2), 253 (2), 225 (2)	69, 84, 87
140	$Q_8 : (2 \times 4 : 2) : 2$	256	35100	271, 272 (2), 228 (2), 250, 273	70, 83, 84
141	$2 \times 8 : 2 : 2 \cdot 2 : 2$	256	17550	226 (2), 274 (2), 251, 273 (2)	70, 75, 76, 78, 85, 92, 93
142	$2 \times 4 : 2 \times 2 \cdot 2 \times 2 : 2$	256	17550	275 (2), 276 (2), 271, 251, 277	70, 79, 80, 81, 86, 93, 94
143	$2 \times 4 : 2 \times 2 \cdot 2 \times 2 : 2$	256	35100	250, 227 (2), 273, 278 (2), 277	70, 87, 88
144	$2^2 \times 4 : 2 \cdot 2 : 2 : 2$	256	17550	279 (4), 280 (4), 281 (4), 282 (4), 248, 283 (2), 259, 284, 285 (2), 286 (2), 287 (2), 256, 288, 222 (2)	71, 95 (2), 97 (2)

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
145	$2^2 \times 4 : 2 : 2 \cdot 2 : 2$	256	35100	250, 289 (4), 290 (2), 291 (2), 292, 293, 258 (2), 294 (2), 279 (2), 295, 282 (2), 222 (2), 296 (2), 297 (2), 298 (2), 299, 300, 229	71, 83, 87
146	$2^2 \times 4 \cdot 2 \cdot 2 : 2 : 2$	256	35100	250, 301, 302 (2), 303 (4), 304, 296 (2), 257 (2), 305 (2), 279 (2), 280 (2), 295 (2), 285 (2), 232, 306, 307 (2), 294 (2), 299, 297	71, 84, 88
147	$2^2 \times 4 \cdot 2 : 2 \cdot 2 : 2$	256	70200	249, 308, 301, 257, 293, 309 (3), 298, 283, 287, 303, 290, 294, 306, 280, 305 (2), 281 (2), 310, 291 (2), 258, 231, 302, 296, 289, 307, 282, 300	71
148	$2 \times 4 : 2 \times 2 \cdot 2 : 2 : 2$	256	8775	286 (2), 308 (4), 302 (8), 299 (4), 259 (2), 290 (8), 251, 230, 311	71, 75 (2), 77, 86 (2), 98
149	$D_8 : (2^2 \times 4) \cdot 2$	256	8775	292 (2), 307 (8), 310 (4), 298 (8), 304 (2), 288, 311 (2), 251, 256 (2), 284	71, 80 (2), 82, 85 (2), 96
150	$D_8 \times 2^3 \cdot 2 : 2$	256	35100	220 (2), 312 (2), 248, 313, 260	72, 95, 97
151	$D_8 \times 2^2 \cdot 2 : 2 \cdot 2$	256	8775	251, 314 (4), 313 (2)	72, 73 (2), 89 (2), 91 (2), 93 (2), 96, 98
152	$2^2 \times 4 \cdot 2 : 2 \cdot 2 : 2$	256	70200	264, 268, 314	73
153	$2^2 \times 4 : 2 : 2 : 2 \cdot 2$	256	35100	311, 315 (2), 226, 224, 316 (2)	75
154	$2^4 \cdot 2 \cdot 2 : 2 \cdot 2$	256	70200	308, 239, 315, 274, 316, 238, 264	75
155	$2^3 \cdot 2 \times 2 \cdot 2 \cdot 2 : 2$	256	35100	315 (2), 239 (2), 299, 273, 262	75, 83, 88
156	$2 \times 4 : 2 \times 2 \cdot 2 : 2 : 2$	256	35100	241 (2), 247 (2), 317 (2), 318 (2), 316 (2), 238 (2), 299, 273, 261	75, 84, 87

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
157	$2 \times 4 \cdot 2 : 2 \cdot 2 \times 2 : 2$	256	35100	286, 319 (2), 320, 235 (2), 260	77, 95, 97
158	$2^2 \times 4 \cdot 2 : 2 \cdot 2 : 2$	256	8775	320 (2), 321 (4), 251	77, 78 (2), 90, 94 (2), 96
159	$2^2 \times 4 \cdot 2 : 2 \cdot 2 : 2$	256	70200	263, 274, 321	78
160	$2^4 \cdot 2 \cdot 2 \times 2 : 2$	256	35100	284, 322 (4), 261, 276, 275 (2), 323 (4), 324, 325	79 (2), 80
161	$2 \times 4 : 2 : 2 \times 2 : 2 : 2$	256	17550	275 (2), 326 (4), 304, 245 (4), 261, 324 (2), 271	79 (2), 80, 84 (2)
162	$2^3 \cdot 2 \times 2 \cdot 2 \times 2 \cdot 2$	256	35100	325 (2), 262, 276 (2), 304, 271	79, 81, 82
163	$D_8 \times 2 \cdot 2 \times 2 \cdot 2 : 2$	256	17550	271 (2), 327 (4), 260, 324, 325 (2), 236 (4), 284	79 (2), 82, 95 (2)
164	$2^2 \times 4 : 2 \cdot 2 : 2 : 2$	256	35100	275 (2), 277, 260, 304, 276, 325	79, 80, 81
165	$2^3 \cdot 2 \times 2 \cdot 2 \times 2 : 2$	256	8775	325 (4), 251, 324 (2)	79 (2), 82, 90, 92 (2), 98
166	$D_8 \times 2^2 \cdot 2 \times 2 \cdot 2$	256	17550	324, 276 (2), 260, 292 (2), 288	80 (2), 82, 97 (2)
167	$2^3 \cdot 2 \times 2 \times 2 : 2 : 2$	256	17550	242 (4), 328 (4), 275 (2), 277, 261, 292, 288 (2)	80 (3), 87 (2)
168	$2^2 \times 4 : 2 \cdot 2 : 2 \cdot 2$	256	17550	276 (2), 277 (3), 304, 262	80, 81 (2), 88 (2)
169	$2^3 \cdot 2 \times 2 \times 2 \cdot 2 \cdot 2$	256	17550	325 (2), 292 (3), 271, 262	80, 82 (2), 83 (2)
170	$2^4 \cdot 2 \cdot 2 : 2 \cdot 2$	256	35100	292, 329 (2), 273, 240 (2), 266	83, 85, 87
171	$2 \times 4 \cdot 2 : 2 \cdot 2 : 2 : 2$	256	35100	271, 244 (2), 266, 299, 330 (2)	83, 84, 86
172	$D_8 : (2^3 \cdot 2 : 2)$	256	70200	297, 331, 317, 223, 330, 326, 228	84
173	$2 \times 4 \cdot 2 : 2 \cdot 2 : 2 : 2$	256	70200	272, 331, 326, 270, 244, 247, 301	84
174	$2^3 \cdot 2 : 2 \times 2 : 2 \cdot 2$	256	70200	272, 246, 245, 270, 330, 317, 306	84
175	$2^2 \times 4 : 2 \cdot 2 : 2 \cdot 2$	256	35100	304, 246 (2), 266, 331 (2), 273	84, 85, 88
176	$2^2 \times 4 : 2 \cdot 2 \cdot 2 : 2$	256	35100	243 (2), 332 (2), 299, 266, 277	86, 87, 88

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<i>continued from previous page</i>					
Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
177	$2^2 \times 4 \cdot 2 \cdot 2 : 2 : 2$	256	70200	300, 329, 241, 269, 243, 328, 278	87
178	$2^2 \times 4 : 2 \cdot 2 : 2 : 2$	256	70200	295, 318, 225, 329, 227, 332, 328	87
179	$2^2 \times 4 \cdot 2 : 2 \cdot 2 : 2$	256	70200	269, 332, 318, 278, 242, 240, 293	87
180	$16 : 2 : 2 : 2 : 2$	256	35100	313, 333 (2)	89, 99, 100
181	$D_8 \times 2 \cdot 2 \times 2 \cdot 2 : 2$	256	35100	324, 334 (2), 320, 248, 221 (2)	90, 95, 97
182	$16 : 2 : 2 : 2 : 2$	256	35100	313, 335 (2)	91, 99, 100
183	$D_8 \times 2 \cdot 2 \times 2 \cdot 2 \cdot 2$	256	70200	336, 312, 334, 319, 236, 237, 283	95
184	$8 : 2 : 2 \times 2 \cdot 2 : 2$	256	17550	313, 237 (4), 337 (2), 338 (4), 320, 284, 339 (2)	95 (2), 96, 99 (2)
185	$2 \times 4 \cdot 2 \times 2 : 2 \cdot 2 \cdot 2$	256	70200	336, 338, 327, 319, 221, 220, 285	95
186	$2 \times 4 \cdot 2 : 2 \cdot 2 \times 2 : 2$	256	35100	324, 336 (2), 313, 286, 234 (2)	95, 97, 98
187	$D_8 \times 2 \cdot 2 \times 2 \cdot 2 \cdot 2$	256	70200	334, 338, 327, 312, 234, 235, 287	95
188	$8 : 2 \times 2 : 2 \cdot 2 \cdot 2$	256	70200	314, 310, 337, 340 (2), 321, 339	96
189	$2 \times 8 : 2 : 2 : 2 \cdot 2$	256	17550	313, 340 (4), 320, 288	96, 97 (2), 100 (2)
190	$8 : 2 \times 2 : 2 \cdot 2 \cdot 2$	256	70200	339, 333, 335	99
191	$2^3 \times 4 \cdot 2 \cdot 2 \cdot 2$	256	70200	341 (2), 342 (2), 337, 335, 333	99
192	$3^{1+2} : D_8$	216	83200	344 (2), 345, 678 (9)	6 (2), 101
193	$3^{1+2} : 8$	216	83200	345, 680 (9)	101
194	$3^{1+2} : Q_8$	216	83200	346 (2), 345, 682 (9)	101
195	$M_9 : 3$	216	83200	366, 528 (4), 683 (9)	102
196	$5^2 : 2 \cdot 2 \cdot 2$	200	89856	347, 794 (25)	66 (2), 104
197	$5^2 : 2 \cdot 2 \cdot 2$	200	14976	348 (3), 795 (25)	67, 103
198	$5^2 : 2 \cdot 2 : 2$	200	44928	349 (2), 348, 796 (25)	103
199	$5^2 : 2 : 2 \cdot 2$	200	44928	349, 347, 348, 543 (10)	103, 104, 105
200	$5^2 : 2 : 2 \cdot 2$	200	89856	350, 349, 351, 544 (5), 545 (5)	105
201	$Q_8 \times 2^2 : S_3$	192	187200	355, 354, 356, 376 (3), 533 (4)	54, 55, 56
202	$2^2 \times 4 \cdot 2 : 3 \cdot 2$	192	93600	357, 377, 537 (4)	57, 114
203	$Q_8 \cdot (A_4 \times 2)$	192	46800	360, 378, 535 (8), 537 (4), 538 (8)	57, 106, 111, 115

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
204	$2^4 : 3 \times 2 \cdot 2$	192	46800	359, 379, 537 (4)	57, 107, 109, 113
205	$2^2 \times 4 \cdot 2 : 3 : 2$	192	46800	358, 380, 537 (4)	57, 108, 110, 112
206	$2^5 : S_3$	192	93600	361 (2), 359, 381 (3), 539 (4), 534 (8)	58, 107
207	$2^2 \times 4 \cdot 2 : S_3$	192	93600	358, 382 (3), 539 (4)	58, 108
208	$Q_8 \times 2^2 : S_3$	192	93600	360, 383 (3), 539 (4), 540 (4), 536 (4)	58, 106
209	$2^2 \times 4 \cdot 2 : 3 \cdot 2$	192	93600	357, 384, 541 (4)	59, 114
210	$2^4 : 3 \times 2 \cdot 2$	192	93600	359, 385, 541 (4)	59, 113
211	$Q_8 : A_4 \cdot 2$	192	93600	360, 386, 541 (4)	59, 115
212	$2^2 \times 4 \cdot 2 : 3 \cdot 2$	192	93600	358, 387, 541 (4)	59, 112
213	$2^2 \times 4 \cdot 2 : 3 \cdot 2$	192	93600	357, 388, 541 (4)	59, 114
214	$2^4 : 5 \times 2$	160	28080	363, 551, 790 (16)	21, 118, 119, 120
215	$2^4 : 5 : 2$	160	28080	363, 552 (5), 791 (16)	118, 123, 124
216	$2^4 : 5 : 2$	160	28080	363, 553 (5), 792 (16)	118, 121, 122
217	$13 : 3 : 2 \cdot 2$	156	230400	364, 530, 786 (13)	1
218	$5^2 : 3 : 2$	150	59904	365, 531, 831 (25)	67, 125
219	$3 : S_3 \cdot 2 \cdot 2 : 2$	144	249600	366, 367, 368, 701 (9)	33, 102
220	$2 \times 4 : 2 : 2 \times 2 \cdot 2$	128	70200	369, 372 (2), 373 (2), 389, 390	63 (2), 126, 150, 185
221	$2^3 \cdot 2 : 2 \cdot 2 \times 2$	128	70200	391, 375 (2), 374 (2), 392, 369	64 (2), 126, 181, 185
222	$2^3 \times 4 \cdot 2 : 2$	128	35100	393 (2), 394, 395, 396, 397, 398 (2), 399 (2), 400 (2), 369, 371, 370	65 (4), 126 (2), 144, 145 (2)
223	$Q_8 : (D_8 \times 2)$	128	70200	378, 383 (2), 401 (2), 402 (2), 403, 404 (4), 405 (2), 406	106 (2), 129, 139, 172
224	$D_8 \times 2 \cdot 2 \times 2 : 2$	128	35100	381 (2), 407, 408, 379, 409 (2)	107 (4), 127, 133, 153
225	$2^2 \times 4 : 2 : 2 : 2$	128	70200	410, 402 (2), 411, 380, 382 (2)	108 (2), 128, 139, 178
226	$2 \times 8 : 2 : 2 : 2$	128	35100	379, 412 (2)	109 (4), 127, 141, 153
227	$2^2 \times 4 : 2 \cdot 2 : 2$	128	70200	380, 413, 414	110 (2), 128, 143, 178
228	$D_8 : (2 \times 4 : 2)$	128	70200	415, 416, 417 (4), 378	111 (2), 129, 140, 172
229	$D_8 \times 2^2 \cdot 2 : 2$	128	11700	393 (6), 418 (3), 419 (3), 380, 387 (2)	112 (4), 128 (6), 145 (3)
230	$2^2 \times 4 \cdot 2 : 2 : 2$	128	2925	379, 420 (12), 385 (2)	113 (16), 127 (12), 148 (3)
231	$Q_8 \times 2^2 \cdot 2 \cdot 2$	128	23400	421 (3), 422 (3), 423 (3), 424 (3), 384, 388, 377	114 (4), 147 (3)

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
232	$2^2 \times 4 \cdot 2 : 2 : 2$	128	11700	425 (6), 426 (3), 427 (3), 378, 386 (2)	115 (4), 129 (6), 146 (3)
233	$2^2 \times 4 \cdot 2 : 2 : 2$	128	2925	428 (3), 429 (12)	116 (4), 130, 131 (12), 132 (2)
234	$2^3 \cdot 2 \times 2 : 2 \cdot 2$	128	70200	391, 397, 390	126, 186, 187
235	$8 : 2 \times 2 : 2 \cdot 2$	128	70200	392, 397, 389	126, 157, 187
236	$D_8 \times 2^2 \cdot 2 \cdot 2$	128	70200	430 (2), 431 (2), 391, 395, 389	126, 163, 183
237	$8 : 2 : 2 \times 2 \cdot 2$	128	70200	392, 432 (2), 395, 433 (2), 390	126, 183, 184
238	$D_8 \times 2 : 2 : 2 \cdot 2$	128	70200	407, 434 (2), 376 (2), 420, 412	127, 154, 156
239	$2 \times 8 : 2 : 2 \cdot 2$	128	70200	412, 420, 408	127, 154, 155
240	$2^2 \times 4 : 2 \cdot 2 \cdot 2$	128	70200	419, 411, 413	128, 170, 179
241	$2^2 \times 4 \cdot 2 : 2 : 2$	128	70200	435 (2), 376 (2), 418, 410, 413	128, 156, 177
242	$2^2 \times 4 : 2 \cdot 2 : 2$	128	70200	436 (2), 437 (2), 419, 410, 414	128, 167, 179
243	$2^2 \times 4 : 2 \cdot 2 \cdot 2$	128	70200	418, 411, 414	128, 176, 177
244	$2^3 \times 4 \cdot 2 \cdot 2$	128	70200	415, 403, 438 (4), 427	129, 171, 173
245	$D_8 \times 2^2 \cdot 2 : 2$	128	70200	439 (2), 440 (2), 415, 426, 406	129, 161, 174
246	$2 \times 8 : 2 : 2 \cdot 2$	128	70200	403, 426, 416	129, 174, 175
247	$2 \times 8 : 2 : 2 : 2$	128	70200	406, 441 (4), 442 (2), 376 (2), 427, 443 (2), 444 (2), 416	129, 156, 173
248	$2^2 \times 4 : 2 : 2 : 2$	128	8775	445 (2), 446 (4), 447 (4), 369 (4), 428	130, 136 (4), 144 (2), 150 (4), 181 (4)
249	$2^2 \times 4 \cdot 2 : 2 : 2$	128	35100	447 (2), 448, 446, 449 (2), 377 (2), 450 (2), 451 (2), 452 (2), 429	130, 137 (2), 147 (2)
250	$2^2 \times 4 \cdot 2 : 2 : 2$	128	35100	369 (2), 446, 450 (4), 453, 451 (2), 380, 449, 452, 378, 429	130, 135, 139, 140, 143, 145, 146
251	$2^4 \cdot 2 \times 2 : 2$	128	8775	445, 451 (8), 448 (2), 453 (2), 379, 428	130, 133 (2), 134, 138 (2), 141 (2), 142 (2), 148, 149, 151, 158, 165
252	$2 \times 4 : 2 : 2 \times 2 : 2$	128	35100	381 (2), 454 (2), 428, 455, 456	131, 133, 136
253	$D_8 \times 2 : 2 : 2 \cdot 2$	128	70200	455, 457, 383 (2), 382 (2), 429	131, 137, 139

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
254	$2 \times 8 : 2 : 2 : 2$	128	35100	428, 457 (2)	131, 136, 138
255	$2^4 \cdot 2 \cdot 2 \cdot 2$	128	70200	429, 457, 456	131, 135, 137
256	$2^2 \times 4 \cdot 2 : 2 : 2$	128	17550	458 (2), 459 (4), 460 (2), 461 (2), 394 (2), 462 (2), 428	132, 144, 149
257	$2 \times 4 \cdot 2 \times 2 \cdot 2 : 2$	128	70200	463, 464, 459, 465 (2), 462, 386, 466, 429, 467 (2), 460, 388, 468, 469	132, 146, 147
258	$2 \times 4^2 \cdot 2 : 2$	128	70200	468, 384, 461, 467, 394, 465, 463, 387, 429, 464 (2), 459, 469 (2), 396	132, 145, 147
259	$2^2 \times 4 \cdot 2 : 2 : 2$	128	17550	385, 468 (4), 396 (2), 463 (4), 458, 466 (2), 428	132, 144, 148
260	$D_8 \times 2^2 \cdot 2 \times 2$	128	17550	445, 409 (4), 389 (4), 453 (2), 454 (4)	133 (2), 134, 150 (2), 157 (2), 163, 164 (2), 166
261	$2 \times 4 \cdot 2 : 2 \times 2 : 2$	128	17550	381 (4), 470 (8), 410 (4), 406 (4), 471 (4), 445 (2), 455 (2), 407 (2), 453	133 (3), 139 (2), 156 (2), 160 (2), 161, 167
262	$2^3 \cdot 2 \times 2 \cdot 2 \times 2$	128	17550	453 (3), 456 (2), 408 (2)	133, 134 (2), 135 (2), 155 (2), 162 (2), 168, 169
263	$2^4 \cdot 2 : 2 : 2$	128	35100	409 (2), 455, 456, 471 (2), 448	133, 137 (2), 159 (2)
264	$2^4 \cdot 2 : 2 : 2$	128	35100	454 (2), 407, 408, 471 (2), 448	133, 152 (2), 154 (2)
265	$2^2 \times 4 : 2 \cdot 2 : 2$	128	70200	446, 457, 456	135, 136, 137
266	$2^4 \cdot 2 \times 2 \cdot 2$	128	35100	453, 403 (2), 411 (2), 457 (2)	135, 138, 139, 170, 171, 175, 176
267	$2 \times 4 : 2 : 2 \cdot 2 : 2$	128	70200	446, 472 (2), 457, 402 (2), 455	136, 137, 139
268	$2^3 \times 4 \cdot 2 \cdot 2$	128	35100	457 (2), 448	137 (2), 138, 152 (2)
269	$2^2 \times 4 \cdot 2 : 2 : 2$	128	70200	410, 472 (2), 411, 452, 383 (2)	139, 177, 179
270	$2^2 \times 4 \cdot 2 : 2 : 2$	128	70200	406, 472 (2), 403, 449, 382 (2)	139, 173, 174
271	$2^3 \times 4 \cdot 2 : 2$	128	17550	473 (2), 415 (4), 430 (8), 453	140 (2), 142, 161, 162 (2), 163 (2), 169, 171 (2)

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
272	$2^3 \times 4 \cdot 2 \cdot 2$	128	70200	415, 416, 449	140, 173, 174
273	$8 : 2 \times 2 : 2 : 2$	128	35100	453, 412 (2), 416 (2), 413 (2)	140, 141, 143, 155, 156, 170, 175
274	$2 \times 8 : 2 : 2 \cdot 2$	128	35100	448, 412 (2)	141, 154 (2), 159 (2)
275	$2^4 \cdot 2 \times 2 : 2$	128	35100	436 (2), 474 (2), 475 (4), 473, 476, 440 (4), 445	142, 160 (2), 161, 164 (2), 167
276	$2^2 \times 4 : 2 \times 2 \cdot 2$	128	35100	477 (4), 473, 476, 453	142, 160, 162 (2), 164, 166, 168
277	$2^3 \cdot 2 \times 2 \cdot 2 \times 2$	128	17550	476 (2), 414 (4), 453	142, 143 (2), 164 (2), 167, 168 (3), 176 (2)
278	$2^2 \times 4 \cdot 2 : 2 \cdot 2$	128	70200	414, 413, 452	143, 177, 179
279	$2^2 \times 4 \cdot 2 : 2 : 2$	128	70200	369, 478, 468, 479, 473, 480, 481, 425, 370, 482, 459, 483, 484, 399, 393	144, 145, 146
280	$2^2 \times 4 : 2 : 2 \cdot 2$	128	70200	446, 478, 425, 463, 485, 421, 486, 487, 484, 483, 399, 462, 398, 488, 481	144, 146, 147
281	$2^4 \cdot 2 : 2 \cdot 2$	128	70200	447, 489, 486, 468, 481, 421, 490, 491, 484, 488, 400, 459, 398, 422, 492	144, 147 (2)
282	$D_8 \times (2 \times 4) : 2$	128	70200	446, 489, 479, 463, 395, 490, 480, 397, 481, 422, 482, 461, 393, 400, 484	144, 145, 147
283	$2^2 \times 4 : 2 \cdot 2 : 2$	128	35100	478 (2), 421 (2), 479 (2), 489 (2), 485, 492, 447, 460, 395, 396, 493	144, 147 (2), 183 (2)
284	$D_8 : (2^2 \times 4)$	128	8775	473 (2), 487 (4), 494 (16), 395 (4), 491 (2), 445, 458 (2)	144 (2), 149, 160 (4), 163 (2), 184 (2)
285	$2 \times 4^2 : 2 : 2$	128	35100	476, 425 (2), 487, 480 (2), 369, 486 (2), 460, 490 (2), 370, 466, 485	144, 146 (2), 185 (2)
286	$2 \times 4 \cdot 2 \times 2 : 2 : 2$	128	17550	445, 397 (2), 485 (2), 492 (2), 370 (2), 481 (4), 458, 385	144 (2), 148, 157 (2), 186 (2)

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
287	$2 \times 4 \cdot 2 \times 2 \cdot 2 : 2$	128	35100	482 (2), 488 (2), 422 (2), 483 (2), 447, 466, 487, 492, 397, 394, 493	144, 147 (2), 187 (2)
288	$2 \times 4 : 2 : 2 \times 2 \times 2$	128	8775	437 (16), 484 (8), 445, 493 (2), 458 (2), 476, 371	144 (2), 149, 166 (2), 167 (4), 189 (2)
289	$2^2 \times 4 \cdot 2 : 2 : 2$	128	70200	399, 495, 450, 496, 497, 400 (2), 469, 479, 384, 393, 482, 419, 498, 499	145 (2), 147
290	$2^2 \times 4 \cdot 2 \cdot 2 : 2$	128	70200	397, 423, 500, 396, 451, 501, 497, 420, 481, 495 (2), 418, 502, 498, 468	145, 147, 148
291	$2^2 \times 4 \cdot 2 \cdot 2 : 2$	128	70200	398, 501, 449, 424, 500, 489, 400, 467, 478, 387, 482, 422, 496, 495, 499	145, 147 (2)
292	$2^2 \times 4 \cdot 2 : 2 \times 2$	128	17550	371, 496 (4), 503 (2), 502 (2), 453, 461 (2), 473, 419 (2)	145 (2), 149, 166 (2), 167, 169 (3), 170 (2)
293	$2^2 \times 4 \cdot 2 \cdot 2 : 2$	128	35100	398 (2), 422 (2), 504 (2), 505, 495 (2), 452, 464 (2), 479 (2), 419	145, 147 (2), 179 (2)
294	$2^3 \times 4 \cdot 2 : 2$	128	70200	399, 423, 490, 465, 506, 398, 450, 427, 482, 469, 418, 504, 480, 496, 478	145, 146, 147
295	$D_8 \times (2 \times 4) : 2$	128	35100	399 (2), 467 (2), 425 (2), 506 (2), 505, 497 (2), 503, 380, 480 (2)	145, 146 (2), 178 (2)
296	$2^2 \times 4 \cdot 2 \cdot 2 : 2$	128	70200	398, 501, 503, 424, 497, 469, 483, 465, 425, 479, 393, 490, 450, 500, 507	145, 146, 147
297	$D_8 : (2 \times 4 : 2)$	128	35100	399 (2), 464 (2), 500 (2), 496 (2), 480 (2), 498, 393 (2), 507, 378	145 (2), 146, 172 (2)
298	$D_8 \times (2 \times 4) \cdot 2$	128	70200	451, 424, 506, 502, 484, 504, 496, 394, 395, 499 (2), 419, 508, 507, 459	145, 147, 149

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
299	$2^2 \times 4 : 2 : 2 \cdot 2$	128	35100	453, 463 (2), 427, 505, 370 (2), 420, 500 (2), 497 (2), 498, 418, 508	145, 146, 148, 155, 156, 171, 176
300	$2 \times 4^2 : 2 \cdot 2$	128	35100	452, 423 (2), 503, 489 (2), 400 (2), 464 (2), 483 (2), 499 (2), 418	145, 147 (2), 177 (2)
301	$2^2 \times 4 \cdot 2 : 2 \cdot 2$	128	35100	486 (2), 423 (2), 449, 509 (2), 427, 488 (2), 467 (2), 479 (2), 507	146, 147 (2), 173 (2)
302	$2^2 \times 4 \cdot 2 \cdot 2 : 2$	128	70200	485, 510 (2), 505, 466, 451, 427, 420, 481, 501, 500, 511, 497, 423, 468	146, 147, 148
303	$2^2 \times 4 \cdot 2 \cdot 2 : 2$	128	70200	425, 510, 486 (2), 388, 426, 450, 505, 483, 465, 500, 509, 480, 506, 478	146 (2), 147
304	$2 \times 4 \cdot 2 \times 2 : 2 : 2$	128	17550	476, 506 (4), 511 (2), 426 (2), 453, 462 (2), 473, 507 (2)	146 (2), 149, 161, 162 (2), 164 (2), 168, 175 (2)
305	$2^2 \times 4 \cdot 2 \cdot 2 : 2$	128	70200	486, 421, 490, 509, 497, 510, 452, 386, 478, 501, 506, 488, 482, 464, 424	146, 147 (2)
306	$2^2 \times 4 \cdot 2 : 2 \cdot 2$	128	35100	449, 467 (2), 483 (2), 421 (2), 490 (2), 510 (2), 426, 498, 504 (2)	146, 147 (2), 174 (2)
307	$D_8 \times (2 \times 4) \cdot 2$	128	70200	451, 509 (2), 426, 511, 484, 503, 460, 487, 424, 496, 508, 506, 504, 459	146, 147, 149
308	$2^2 \times 4 \cdot 2 \cdot 2 : 2$	128	35100	492 (2), 423 (2), 448, 501 (2), 420, 510 (2), 463 (2), 495 (2), 508	147 (2), 148, 154 (2)
309	$2^2 \times 4 \cdot 2 \cdot 2 \cdot 2$	128	70200	421, 504, 495, 465, 488 (2), 377, 510, 501, 422, 469, 509, 489 (2), 499	147 (3)
310	$2^2 \times 4 \cdot 2 \times 2 \cdot 2$	128	35100	448, 504 (2), 493, 509 (2), 462, 502, 461, 424 (2), 491, 499 (2), 511	147 (2), 149, 188 (2)

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
311	$2^2 \times 4 \cdot 2 : 2 : 2$	128	8775	458 (2), 508 (4), 511 (4), 502 (4), 379	148, 149 (2), 153 (4)
312	$8 : 2 : 2 \times 2 \cdot 2$	128	70200	390, 389, 447	150, 183, 187
313	$8 : 2 : 2 \times 2 : 2$	128	17550	445, 390 (4), 512 (2)	150 (2), 151, 180 (2), 182 (2), 184, 186 (2), 189
314	$8 : 2 \times 2 : 2 \cdot 2$	128	35100	512 (2), 448	151, 152 (2), 188 (2)
315	$2^3 \cdot 2 \times 2 \cdot 2 \cdot 2$	128	70200	508, 412, 408	153, 154, 155
316	$2^4 \cdot 2 \cdot 2 : 2$	128	70200	435 (2), 444 (2), 508, 412, 407	153, 154, 156
317	$2 \times 4 : 2 : 2 \cdot 2 : 2$	128	70200	435 (2), 434 (2), 498, 416, 406	156, 172, 174
318	$2^2 \times 4 \cdot 2 : 2 : 2$	128	70200	410, 434 (2), 413, 505, 444 (2)	156, 178, 179
319	$2 \times 4 \cdot 2 : 2 \cdot 2 \times 2$	128	70200	389, 513 (2), 485, 514 (2), 392	157, 183, 185
320	$8 : 2 : 2 \times 2 : 2$	128	17550	445, 515 (2), 392 (4)	157 (2), 158, 181 (2), 184, 189
321	$2^2 \times 4 \cdot 2 : 2 \cdot 2$	128	35100	448, 515 (2)	158, 159 (2), 188 (2)
322	$2^3 \cdot 2 \times 2 : 2 \cdot 2$	128	140400	494, 470, 439, 516, 477, 474, 475	160
323	$2 \times 4 \cdot 2 : 2 : 2 \cdot 2$	128	140400	494, 475, 470, 477, 436, 431, 517	160
324	$2^3 \cdot 2 : 2 \times 2 \times 2$	128	17550	517 (4), 439 (4), 391 (4), 473 (2), 445	160 (2), 161 (2), 163, 165, 166, 181 (2), 186 (2)
325	$2^3 \cdot 2 \times 2 \cdot 2 \times 2$	128	35100	473 (2), 453, 516 (2), 431 (2)	160, 162 (2), 163, 164, 165, 169
326	$2^3 \cdot 2 : 2 \times 2 : 2$	128	70200	517 (2), 440 (2), 415, 406, 507	161, 172, 173
327	$D_8 \times 2 \cdot 2 \times 2 \cdot 2$	128	70200	516 (2), 430 (2), 391, 389, 487	163, 185, 187
328	$D_8 \times 2 \cdot 2 \times 2 : 2$	128	70200	474 (2), 414, 437 (2), 503, 410	167, 177, 178
329	$2^3 \times 4 \cdot 2 \cdot 2$	128	70200	411, 503, 413	170, 177, 178
330	$2 \times 4^2 : 2 \cdot 2$	128	70200	498, 403, 415	171, 172, 174
331	$2^4 \cdot 2 \cdot 2 \cdot 2$	128	70200	507, 416, 403	172, 173, 175
332	$2^2 \times 4 \cdot 2 : 2 \cdot 2$	128	70200	414, 411, 505	176, 178, 179
333	$16 : 2 : 2 : 2$	128	70200	512, 518 (2)	180, 190, 191
334	$D_8 \times 2 \cdot 2 \times 2 \cdot 2$	128	70200	391, 392, 447	181, 183, 187
335	$16 : 2 : 2 : 2$	128	70200	512, 519 (2)	182, 190, 191
336	$2 \times 4 \cdot 2 : 2 \cdot 2 \times 2$	128	70200	520 (2), 521 (2), 391, 390, 485	183, 185, 186

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
337	$2 \times 8 : 2 \cdot 2 : 2$	128	35100	491, 522 (8), 523 (2), 512, 432 (2), 515	184, 188 (2), 191 (2)
338	$2 \times 4 \cdot 2 : 2 \times 2 \cdot 2$	128	70200	487, 523 (2), 390, 433 (2), 392	184, 185, 187
339	$2 \times 4 \cdot 2 \times 2 \cdot 2 : 2$	128	35100	512, 433 (4), 515, 491	184, 188 (2), 190 (2)
340	$2 \times 8 : 2 : 2 \cdot 2$	128	70200	493, 524 (4), 515, 512	188 (2), 189
341	$16 : 2 \cdot 2 : 2$	128	140400	432, 525 (2), 526 (2), 519, 518	191
342	$16 : 2 : 2 \cdot 2$	128	140400	523, 519, 518	191
343	$A_5 : 2$	120	299520	527, 684 (5), 692 (6), 787 (10)	10, 62
344	$3^{1+2} : 2^2$	108	166400	528 (2), 529, 548 (6)	102 (2), 192
345	$3^{1+2} : 4$	108	83200	529, 785 (9)	192, 193, 194
346	$3^{1+2} : 4$	108	166400	529, 786 (9)	194
347	$5^2 : 2 \cdot 2$	100	14976	531, 692 (30)	125 (4), 196 (6), 199 (3)
348	$5^2 : 2 \cdot 2$	100	44928	531, 688 (10)	197, 198, 199
349	$5^2 : 2 : 2$	100	44928	532 (2), 531, 689 (10)	198 (2), 199, 200 (2)
350	$5^2 : 2 \cdot 2$	100	89856	532, 693, 691 (5)	200
351	$5^2 : 2 \cdot 2$	100	89856	532, 690 (5), 694 (5)	200
352	$D_8 : 2 : S_3$	96	374400	540, 536, 538, 554 (3), 678 (4)	6, 106
353	$D_8 : 2 \cdot S_3$	96	374400	535, 550 (3), 680 (4)	22, 111
354	$2^2 \times 4 : S_3$	96	187200	537, 539 (2), 555 (3), 678 (4)	106, 107, 108, 201
355	$2^2 \times 4 \cdot S_3$	96	187200	537, 556 (3), 680 (4)	109, 110, 111, 201
356	$Q_8 \times A_4$	96	187200	541 (2), 537, 557, 682 (4)	112, 113, 114 (2), 115, 201
357	$2^2 \times 4 \cdot 2 : 3$	96	93600	558, 685 (4)	116, 202, 209, 213
358	$2^2 \times 4 \cdot 2 : 3$	96	46800	559, 685 (4)	116, 205, 207 (2), 212 (2)
359	$2^4 : 3 \times 2$	96	46800	542, 560, 685 (4), 686 (16)	116, 204, 206 (2), 210 (2)
360	$Q_8 : A_4$	96	46800	561, 683 (8), 681 (8), 685 (4)	116, 203, 208 (2), 211 (2)
361	$2^4 : S_3$	96	187200	542, 562 (3), 679 (4), 684 (4), 687 (4)	206
362	$D_{10} \cdot 2 \times 2 \cdot 2$	80	449280	545, 543, 544, 702 (5)	34, 105
363	$2^4 : 5$	80	28080	703, 833 (16)	214, 215, 216
364	$13 : 3 : 2$	78	230400	546, 676, 831 (13)	6 (2), 217
365	$5^2 : 3$	75	59904	677, 846 (25)	218
366	M_9	72	83200	547 (3), 797 (9)	60 (3), 195, 219 (3)
367	$3 : S_3 \cdot 2 \cdot 2$	72	249600	547, 798 (9)	61, 219

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
368	$S_3 \times S_3 : 2$	72	249600	547, 548 (2), 799 (9)	62, 219
369	$D_8 \times 2^2 : 2$	64	35100	552 (4), 553 (4), 551, 563 (2), 564, 565 (2), 566	118 (4), 220 (2), 221 (2), 222, 248, 250 (2), 279 (2), 285
370	$2^2 \times 4 : 2 : 2$	64	35100	551, 567 (2), 568, 569 (2), 570	119 (4), 222, 279 (2), 285, 286, 299 (2)
371	$2^4 \times 4$	64	1755	571 (20), 572 (10), 551	120 (16), 222 (20), 288 (5), 292 (10)
372	$2 \times 4 : 2 : 2 : 2$	64	140400	553, 573, 574	121, 220
373	$2 \times 4 : 2 : 2 : 2$	64	140400	553, 573, 575	122, 220
374	$2^3 \cdot 2 : 2 \cdot 2$	64	140400	576, 577, 552	123, 221
375	$2 \times 4 : 2 : 2 : 2$	64	140400	552, 577, 578	124, 221
376	$Q_8 : D_8$	64	140400	579 (2), 580 (2), 555, 557, 556	201 (4), 238, 241, 247
377	$2^2 \times 4 \cdot 2 \cdot 2$	64	23400	581 (3), 582 (3), 558	202 (4), 231, 249 (3), 309 (3)
378	$D_8 : 2^3$	64	11700	565 (3), 583 (12), 584 (12), 585 (3), 561	203 (4), 223 (6), 228 (6), 232, 250 (3), 297 (3)
379	$2^2 \times 4 : 2 : 2$	64	2925	560, 586 (6)	204 (16), 224 (12), 226 (12), 230, 251 (3), 311 (3)
380	$2^2 \times 4 : 2 : 2$	64	11700	565 (3), 587 (3), 559	205 (4), 225 (6), 227 (6), 229, 250 (3), 295 (3)
381	$D_8 \times 2 : 2 \times 2$	64	70200	562 (4), 588 (2), 589, 590 (2), 591 (2), 592, 593 (2), 560	206 (4), 224, 252, 261
382	$2^2 \times 4 \cdot 2 : 2$	64	140400	594, 595, 559	207 (2), 225, 253, 270
383	$Q_8 : D_8$	64	140400	594, 596 (2), 597 (2), 595, 561	208 (2), 223, 253, 269
384	$2 \times 4^2 \cdot 2$	64	23400	598 (3), 599 (3), 558	209 (4), 231, 258 (3), 289 (3)
385	$2^2 \times 4 : 2 : 2$	64	5850	560, 568 (6)	210 (16), 230, 259 (3), 286 (3)
386	$Q_8 \times 2^2 \cdot 2$	64	23400	600 (3), 601 (3), 561	211 (4), 232, 257 (3), 305 (3)
387	$2^2 \times 4 \cdot 2 \cdot 2$	64	23400	598 (3), 602 (3), 559	212 (4), 229, 258 (3), 291 (3)
388	$2^2 \times 4 \cdot 2 \cdot 2$	64	23400	601 (3), 603 (3), 558	213 (4), 231, 257 (3), 303 (3)
389	$D_8 \times 2^2 \cdot 2$	64	70200	604 (2), 605 (2), 566, 575, 574	220, 235, 236, 260, 312, 319, 327

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
390	$8 : 2 \times 2 : 2$	64	70200	606 (2), 607 (2), 566, 573 (2)	220, 234, 237, 312, 313, 336, 338
391	$D_8 \times 2 \cdot 2 \times 2$	64	70200	608 (2), 609 (2), 576, 578, 566	221, 234, 236, 324, 327, 334, 336
392	$2 \times 4 \cdot 2 : 2 \times 2$	64	70200	566, 610 (2), 611 (2), 577 (2)	221, 235, 237, 319, 320, 334, 338
393	$2^3 \times 4 : 2$	64	70200	569 (2), 598, 612, 602, 565, 571	222, 229, 279, 282, 289, 296, 297
394	$2^2 \times 4 : 2 \cdot 2$	64	35100	564, 598 (2), 572, 570, 613 (2)	222, 256, 258 (2), 287, 298 (2)
395	$D_8 \times (2 \times 4)$	64	35100	614, 615, 616 (8), 612, 617, 566, 572, 570	222, 236 (2), 237 (2), 282 (2), 283, 284, 298 (2)
396	$2^2 \times 4 : 2 \cdot 2$	64	35100	564, 599 (2), 572, 602 (2), 568	222, 258 (2), 259, 283, 290 (2)
397	$2^3 \times 4 : 2$	64	35100	569 (2), 618 (2), 566, 572, 568	222, 234 (2), 235 (2), 282 (2), 286, 287, 290 (2)
398	$2^2 \times 4 : 2 \cdot 2$	64	70200	563, 618, 571, 602, 567, 617, 613	222, 280, 281, 291, 293, 294, 296
399	$D_8 \times (2 \times 4)$	64	70200	614, 599, 619 (4), 569, 613, 565, 571, 620 (4), 567	222, 279, 280, 289, 294, 295, 297
400	$2^2 \times 4 : 2 \cdot 2$	64	70200	563, 615, 571, 598, 569, 618, 599	222, 281, 282, 289 (2), 291, 300
401	$D_8 : (2 \times 4)$	64	140400	621 (2), 596 (2), 583, 622, 623	223
402	$D_8 : D_8$	64	140400	565, 595, 624 (2), 621 (2), 594	223, 225, 267
403	$8 : 2 \times 2 : 2$	64	70200	585, 595 (2), 622 (2), 625 (2)	223, 244, 246, 266, 270, 330, 331
404	$Q_8 : D_8$	64	280800	584, 596, 626, 624, 625, 597, 621	223
405	$Q_8 : 2^3$	64	140400	554 (4), 549 (4), 588, 597 (2), 622, 624 (2), 583	223
406	$D_8 \times 2^2 : 2$	64	70200	627 (2), 591 (2), 628 (2), 555 (2), 585, 623, 626 (2), 594 (2), 588	223, 245, 247, 261, 270, 317, 326

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
407	$2 \times 4 : 2 : 2 : 2$	64	35100	593 (4), 629 (4), 555 (4), 589 (2), 586	224, 238 (2), 261, 264, 316 (2)
408	$2^4 \cdot 2 \cdot 2$	64	35100	586, 592 (2)	224, 239 (2), 262, 264, 315 (2)
409	$D_8 \times 2 \cdot 2 \times 2$	64	70200	589, 574 (2), 592, 605 (2), 586	224, 260, 263
410	$2^2 \times 4 : 2 : 2$	64	70200	630 (2), 594 (2), 631 (4), 555 (2), 562 (4), 587	225, 241, 242, 261, 269, 318, 328
411	$2 \times 8 : 2 : 2$	64	70200	587, 595 (2)	225, 240, 243, 266, 269, 329, 332
412	$2 \times 8 : 2 : 2$	64	70200	586, 556 (2)	226, 238, 239, 273, 274, 315, 316
413	$2 \times 8 : 2 : 2$	64	70200	587, 556 (2)	227, 240, 241, 273, 278, 318, 329
414	$2^3 \cdot 2 \times 2 \cdot 2$	64	70200	632 (2), 587	227, 242, 243, 277, 278, 328, 332
415	$2^3 \times 4 \cdot 2$	64	70200	633 (2), 634 (2), 585, 635 (2)	228, 244, 245, 271, 272, 326, 330
416	$8 : 2 \times 2 : 2$	64	70200	585, 556 (2), 636 (2), 637 (2)	228, 246, 247, 272, 273, 317, 331
417	$Q_8 : (2 \times 4)$	64	280800	550 (2), 638 (2), 635, 584, 636	228
418	$Q_8 \times 2^2 : 2$	64	35100	569 (2), 557, 639, 587, 602 (2)	229, 241 (2), 243 (2), 290 (2), 294 (2), 299, 300
419	$2^3 \times 4 \cdot 2$	64	35100	571, 639 (2), 612, 587, 598 (2)	229, 240 (2), 242 (2), 289 (2), 292, 293, 298 (2)
420	$2^2 \times 4 \cdot 2 : 2$	64	35100	568 (2), 640 (3), 586, 557	230, 238 (2), 239 (2), 290 (2), 299, 302 (2), 308
421	$2^2 \times 4 \cdot 2 \cdot 2$	64	70200	641, 642 (2), 617, 599, 601, 581	231, 280, 281, 283, 305, 306, 309
422	$2^2 \times 4 \cdot 2 \cdot 2$	64	70200	618 (2), 617, 641, 598, 603, 581	231, 281, 282, 287, 291, 293, 309
423	$Q_8 \times 2^2 \cdot 2$	64	70200	618, 557, 643, 642, 599, 603, 582	231, 290, 294, 300, 301, 302, 308
424	$2 \times 4 \cdot 2 \times 2 \cdot 2$	64	70200	641, 643 (2), 617, 598, 601, 582	231, 291, 296, 298, 305, 307, 310
425	$2^4 \cdot 2 : 2$	64	70200	565, 601, 567 (2), 644, 600, 645	232, 279, 280, 285, 295, 296, 303

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
426	$2^2 \times 4 : 2 \cdot 2$	64	35100	585, 601 (2), 645, 646 (2), 644	232, 245 (2), 246 (2), 303 (2), 304, 306, 307 (2)
427	$2^3 \times 4 \cdot 2$	64	35100	585, 600 (2), 647 (4), 557, 648 (4), 567 (2), 646	232, 244 (2), 247 (2), 294 (2), 299, 301, 302 (2)
428	$2^2 \times 4 : 2 : 2$	64	8775	560, 564 (4), 649 (2)	233, 248, 251, 252 (4), 254 (4), 256 (2), 259 (2)
429	$2^2 \times 4 \cdot 2 : 2$	64	35100	649, 558 (2), 564 (2), 561, 559	233, 249, 250, 253 (2), 255 (2), 257 (2), 258 (2)
430	$2^3 \times 4 \cdot 2$	64	140400	608, 634 (2), 614, 635 (2), 604	236, 271, 327
431	$2^4 \cdot 2 \cdot 2$	64	70200	608, 612, 604	236 (2), 323 (2), 325
432	$2 \times 4^2 \cdot 2$	64	70200	607, 650 (2), 611, 615, 651 (2)	237 (2), 337, 341 (2)
433	$8 : 2 \times 2 \cdot 2$	64	140400	607, 617, 611	237, 338, 339
434	$2^2 \times 4 \cdot 2 : 2$	64	140400	555, 556, 640	238, 317, 318
435	$2^2 \times 4 \cdot 2 : 2$	64	140400	639, 555, 556	241, 316, 317
436	$2^3 \cdot 2 : 2 \times 2$	64	70200	652 (4), 612, 630, 632	242 (2), 275, 323 (2)
437	$2^2 \times 4 : 2 \times 2$	64	140400	653 (4), 654 (4), 571, 655 (2), 630, 656 (2), 632	242, 288, 328
438	$2^2 \times 4 \cdot 2 \cdot 2$	64	280800	634, 647, 625	244
439	$D_8 \times 2 \cdot 2 \times 2$	64	70200	609 (2), 578 (2), 633, 645, 627	245 (2), 322 (2), 324
440	$D_8 \times 2 \cdot 2 \times 2$	64	140400	652 (2), 657 (2), 633, 644, 627	245, 275, 326
441	$2^3 \cdot 2 : 2 \cdot 2$	64	280800	636, 658, 628, 659, 647, 580, 579	247
442	$2 \times 8 : 2 \cdot 2$	64	140400	637, 659 (2), 623, 648, 580 (2)	247
443	$D_8 \cdot D_8$	64	140400	588, 579 (2), 658 (2), 648, 637	247
444	$2 \times 8 : 2 : 2$	64	140400	556, 659 (2), 646, 555, 658 (2)	247, 316, 318
445	$D_8 \times 2^3$	64	8775	630 (8), 589 (8), 627 (8), 551, 566 (4), 660, 560	248 (2), 251, 260 (2), 261 (4), 275 (4), 284, 286 (2), 288, 313 (2), 320 (2), 324 (2)

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
446	$2^2 \times 4 : 2 : 2$	64	35100	565, 566 (2), 581, 563 (2), 649	248, 249, 250, 265 (2), 267 (2), 280 (2), 282 (2)
447	$2^2 \times 4 : 2 : 2$	64	35100	566, 581 (2), 563 (2), 660, 564	248, 249 (2), 281 (2), 283, 287, 312 (2), 334 (2)
448	$2^2 \times 4 : 2 \cdot 2$	64	17550	586, 582 (4), 660, 649	249 (2), 251, 263 (2), 264 (2), 268 (2), 274 (2), 308 (2), 310 (2), 314 (2), 321 (2)
449	$2^3 \times 4 \cdot 2$	64	35100	585, 581, 563 (2), 582 (2), 559	249 (2), 250, 270 (2), 272 (2), 291 (2), 301, 306
450	$2^2 \times 4 : 2 : 2$	64	70200	565, 563 (2), 585, 582, 587, 558	249, 250 (2), 289, 294, 296, 303
451	$2^2 \times 4 : 2 : 2$	64	70200	585, 582 (2), 566, 586, 587, 564	249, 250, 251, 290, 298, 302, 307
452	$2^2 \times 4 \cdot 2 : 2$	64	35100	563 (2), 582 (2), 587, 581, 561	249 (2), 250, 269 (2), 278 (2), 293, 300, 305 (2)
453	$2^4 \cdot 2 \times 2$	64	17550	604 (4), 592 (4), 551, 586, 587 (2), 585 (2), 649	250 (2), 251, 260 (2), 261, 262 (3), 266 (2), 271, 273 (2), 276 (2), 277, 292, 299 (2), 304, 325 (2)
454	$D_8 \times 2 \cdot 2 \times 2$	64	70200	649, 575 (2), 589, 592, 605 (2)	252, 260, 264
455	$2^3 \cdot 2 : 2 : 2$	64	35100	590 (4), 594 (4), 661 (4), 589 (2), 649	252, 253 (2), 261, 263, 267 (2)
456	$2^2 \times 4 : 2 \cdot 2$	64	35100	592 (2), 649	252, 255 (2), 262, 263, 265 (2)
457	$2 \times 8 : 2 : 2$	64	70200	649, 595 (2)	253, 254, 255, 265, 266, 267, 268
458	$2^4 \cdot 2 \times 2$	64	17550	656 (8), 560, 662 (2), 570 (2), 663, 572	256 (2), 259, 284, 286, 288, 311
459	$2^2 \times 4 : 2 \cdot 2$	64	70200	564, 613, 570, 601, 662, 664, 598	256, 257, 258, 279, 281, 298, 307
460	$2^2 \times 4 : 2 \cdot 2$	64	35100	564, 601 (2), 663, 570, 664 (2)	256, 257 (2), 283, 285, 307 (2)
461	$2^2 \times 4 \cdot 2 : 2$	64	35100	649, 598 (2), 662, 664 (2), 572	256, 258 (2), 282 (2), 292, 310
462	$2^2 \times 4 : 2 \cdot 2$	64	35100	649, 601 (2), 663, 662, 613 (2)	256, 257 (2), 280 (2), 304, 310

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
463	$2^2 \times 4 \cdot 2 : 2$	64	70200	649, 599, 570, 603, 568, 600, 602	257, 258, 259, 280, 282, 299, 308
464	$2 \times 4^2 \cdot 2$	64	70200	561, 599, 664, 603, 602, 613, 598	257, 258 (2), 293, 297, 300, 305
465	$2^2 \times 4 \cdot 2 \cdot 2$	64	70200	558, 600, 601, 603, 602, 664, 613	257 (2), 258, 294, 296, 303, 309
466	$2 \times 4 \cdot 2 \times 2 : 2$	64	35100	564, 600 (2), 663, 603 (2), 568	257 (2), 259, 285, 287, 302 (2)
467	$2^2 \times 4 \cdot 2 \cdot 2$	64	70200	599, 601, 600, 613, 603, 559, 664	257 (2), 258, 291, 295, 301, 306
468	$2^2 \times 4 : 2 \cdot 2$	64	70200	568, 602, 662, 600, 564, 603, 599	257, 258, 259, 279, 281, 290, 302
469	$2^2 \times 4 \cdot 2 \cdot 2$	64	70200	602, 598, 613, 600, 558, 664, 599	257, 258 (2), 289, 294, 296, 309
470	$2 \times 4 : 2 : 2 : 2$	64	140400	630, 590, 631 (2), 593, 562 (2), 626 (2), 604, 628 (2), 629, 661, 627	261, 322, 323
471	$2 \times 4 : 2 : 2 \times 2$	64	70200	660, 661 (2), 631 (4), 629 (2), 623 (2), 592, 589, 591 (2)	261, 263, 264
472	$2^2 \times 4 \cdot 2 : 2$	64	140400	594, 581, 595	267, 269, 270
473	$2^4 \cdot 2 \times 2$	64	17550	633 (4), 662 (2), 612, 608 (4), 645, 551, 614 (2)	271 (2), 275 (2), 276 (2), 279 (4), 284, 292, 304, 324 (2), 325 (4)
474	$D_8 \times 2^2 \cdot 2$	64	70200	630, 632, 657 (4), 645	275, 322 (2), 328 (2)
475	$2 \times 4 : 2 \times 2 : 2$	64	140400	608, 632, 652 (2), 657 (2), 627	275, 322, 323
476	$2^5 \cdot 2$	64	8775	632 (8), 644 (4), 663 (2), 551	275 (4), 276 (4), 277 (4), 285 (4), 288, 304 (2)
477	$2^4 \cdot 2 \cdot 2$	64	140400	633, 632, 604	276, 322, 323
478	$2 \times 4 \cdot 2 \times 2 : 2$	64	70200	567, 642, 563, 601, 614, 602, 641	279, 280, 283, 291, 294, 303, 305
479	$2^2 \times 4 : 2 \cdot 2$	64	70200	567, 618, 563, 664, 612, 599, 641	279, 282, 283, 289, 293, 296, 301
480	$2^2 \times 4 \cdot 2 : 2$	64	70200	644, 614, 565, 664, 569, 603, 567	279, 282, 285, 294, 295, 297, 303
481	$2^4 \cdot 2 : 2$	64	70200	566, 618, 567, 662, 569, 642, 568	279, 280, 281, 282, 286, 290, 302
482	$2 \times 4 \cdot 2 \times 2 : 2$	64	70200	563, 600, 614, 618, 569, 598, 641	279, 282, 287, 289, 291, 294, 305

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
483	$2^2 \times 4 \cdot 2 : 2$	64	70200	563, 603, 645, 642, 569, 613, 641	279, 280, 287, 296, 300, 303, 306
484	$2^2 \times 4 \cdot 2 : 2$	64	70200	566, 641 (2), 654 (4), 662, 653 (4), 644, 570, 571	279, 280, 281, 282, 288, 298, 307
485	$2 \times 4 : 2 : 2 \times 2$	64	35100	665 (4), 666 (4), 566, 642 (2), 567 (2), 663, 568	280 (2), 283, 285, 286, 302 (2), 319 (2), 336 (2)
486	$2^2 \times 4 : 2 \cdot 2$	64	70200	644, 603, 567, 601, 563, 667, 642	280, 281, 285, 301, 303 (2), 305
487	$D_8 \times (2 \times 4)$	64	35100	668 (8), 614, 667, 645, 617, 566, 663, 570	280 (2), 284, 285, 287, 307 (2), 327 (2), 338 (2)
488	$2^2 \times 4 \cdot 2 \cdot 2$	64	70200	581, 600, 642, 667, 641, 613, 618	280, 281, 287, 301, 305, 309 (2)
489	$2^2 \times 4 \cdot 2 \cdot 2$	64	70200	641, 581, 615, 664, 602, 618, 642	281, 282, 283, 291, 300, 309 (2)
490	$2 \times 4 \cdot 2 \times 2 : 2$	64	70200	644, 600, 569, 664, 563, 617, 642	281, 282, 285, 294, 296, 305, 306
491	$2^2 \times 4 : 2 \cdot 2$	64	17550	669 (8), 662 (2), 667, 615, 660, 617 (2)	281 (4), 284, 310 (2), 337 (2), 339 (2)
492	$2^2 \times 4 : 2 \cdot 2$	64	35100	660, 642 (2), 568, 570, 618 (2)	281 (2), 283, 286, 287, 308 (2)
493	$2^2 \times 4 \cdot 2 \times 2$	64	17550	655 (8), 641 (4), 663, 660, 572	283 (2), 287 (2), 288, 310 (2), 340 (4)
494	$D_8 : (2 \times 4)$	64	140400	630, 668 (4), 656 (2), 633, 616 (4), 669 (2), 608	284, 322, 323
495	$2^2 \times 4 \cdot 2 \cdot 2$	64	70200	618 (2), 599, 602, 639, 640, 582	289, 290 (2), 291, 293, 308, 309
496	$2^3 \times 4 \cdot 2$	64	70200	664, 598, 571, 614, 639, 585, 643	289, 291, 292, 294, 297, 298, 307
497	$2 \times 4^2 : 2$	64	70200	567, 599, 569, 600, 587, 640, 643	289, 290, 295, 296, 299, 302, 305
498	$2^2 \times 4 : 2 \cdot 2$	64	35100	569 (2), 599 (2), 585, 640, 639	289 (2), 290 (2), 297, 299, 306, 317 (2), 330 (2)
499	$2^2 \times 4 \cdot 2 \cdot 2$	64	70200	613, 582, 643, 615, 641, 598, 639	289, 291, 298 (2), 300, 309, 310
500	$2^2 \times 4 \cdot 2 : 2$	64	70200	567, 640, 569, 643, 585, 602, 603	290, 291, 296, 297, 299, 302, 303
501	$2^2 \times 4 \cdot 2 \cdot 2$	64	70200	642, 582, 602, 643, 640, 618, 600	290, 291, 296, 302, 305, 308, 309

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
502	$2^3 \times 4 \cdot 2$	64	35100	572, 643 (2), 586, 662, 639 (2)	290 (2), 292, 298 (2), 310, 311
503	$2^2 \times 4 : 2 \cdot 2$	64	35100	645, 664 (2), 571, 587, 643 (2)	292, 295, 296 (2), 300, 307 (2), 328 (2), 329 (2)
504	$2^2 \times 4 \cdot 2 \cdot 2$	64	70200	664, 582, 639, 617, 641, 613, 646	293, 294, 298, 306, 307, 309, 310
505	$2^2 \times 4 \cdot 2 : 2$	64	35100	567 (2), 640, 587, 603 (2), 646	293, 295, 299, 302 (2), 303 (2), 318 (2), 332 (2)
506	$2^2 \times 4 : 2 \cdot 2$	64	70200	614, 613, 587, 646, 644, 643, 601	294, 295, 298, 303, 304, 305, 307
507	$2^2 \times 4 : 2 \cdot 2$	64	35100	644, 643 (2), 612, 585, 613 (2)	296 (2), 297, 298 (2), 301, 304, 326 (2), 331 (2)
508	$2^2 \times 4 : 2 \cdot 2$	64	35100	586, 646, 570 (2), 643 (2), 639	298 (2), 299, 307 (2), 308, 311, 315 (2), 316 (2)
509	$2^2 \times 4 \cdot 2 \cdot 2$	64	70200	664, 601, 641, 667, 643, 582, 646	301, 303, 305, 307 (2), 309, 310
510	$2^2 \times 4 \cdot 2 \cdot 2$	64	70200	642 (2), 640, 646, 600, 582, 603	302 (2), 303, 305, 306, 308, 309
511	$2^2 \times 4 : 2 \cdot 2$	64	35100	663, 646 (2), 586, 662, 643 (2)	302 (2), 304, 307 (2), 310, 311
512	$2 \times 8 : 2 : 2$	64	35100	660, 670 (4), 607 (2)	313, 314 (2), 333 (2), 335 (2), 337, 339, 340 (2)
513	$2^2 \times 4 : 2 \cdot 2$	64	140400	610, 574, 666	319
514	$8 : 2 : 2 \cdot 2$	64	140400	610, 666, 575	319
515	$8 : 2 \times 2 : 2$	64	35100	660, 671 (4), 611 (2)	320, 321 (2), 337, 339, 340 (2)
516	$2^4 \cdot 2 \cdot 2$	64	70200	608, 645, 604	322 (2), 325, 327 (2)
517	$2^3 \cdot 2 : 2 \times 2$	64	70200	576 (2), 609 (2), 633, 627, 612	323 (2), 324, 326 (2)
518	$16 : 2 : 2$	64	140400	607, 672 (2)	333, 341, 342
519	$16 : 2 : 2$	64	140400	607, 673 (2)	335, 341, 342
520	$2 \times 4 \cdot 2 : 2 \cdot 2$	64	140400	576, 606, 665	336
521	$2 \times 4 \cdot 2 : 2 \cdot 2$	64	140400	578, 606, 665	336
522	$2 \times 8 : 2 \cdot 2$	64	280800	671, 651, 669, 674 (2), 670, 650	337
523	$2 \times 4^2 \cdot 2$	64	70200	611, 674 (4), 667, 607	337, 338 (2), 342 (2)
524	$2^2 \times 4 \cdot 2 \cdot 2$	64	280800	670, 655, 671	340
525	$4^2 \cdot 2 \cdot 2$	64	280800	650, 672, 673	341

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
526	$16 : 2 \cdot 2$	64	280800	651, 673, 672	341
527	A_5	60	299520	788 (5), 792 (6), 832 (10)	117, 343
528	$3^{1+2} : 2$	54	332800	675, 695, 696 (3)	195, 344
529	$3^{1+2} : 2$	54	83200	675, 696 (12)	344 (2), 345, 346 (2)
530	$D_{26} \cdot 2$	52	230400	676, 834 (13)	4 (3), 217
531	$5^2 : 2$	50	14976	677, 792 (30)	218 (4), 347, 348 (3), 349 (3)
532	$5^2 : 2$	50	89856	677, 791, 790 (5)	349, 350, 351
533	$Q_8 : S_3$	48	748800	682, 680, 678, 704 (3)	4, 101, 201
534	$2^3 : S_3$	48	748800	679, 686, 684, 705 (3), 787 (4)	6, 62, 206
535	$Q_8 \cdot 6$	48	374400	681, 699, 785 (4)	35, 203, 353
536	$Q_8 : S_3$	48	374400	683, 701 (3), 787 (4)	102 (2), 208, 352
537	$A_4 \times 2 \cdot 2$	48	187200	685, 706, 785 (4)	202 (2), 203, 204, 205, 354, 355, 356
538	$Q_8 \cdot 6$	48	374400	683, 707, 785 (4)	203, 352
539	$2^3 : S_3$	48	374400	687 (2), 685, 708 (3), 787 (4)	206, 207, 208, 354
540	$Q_8 : S_3$	48	374400	683, 697 (3), 787 (4)	208, 352
541	$A_4 \times 2 \cdot 2$	48	374400	685, 709, 786 (4)	209, 210, 211, 212, 213, 356
542	$2^4 : 3$	48	46800	710, 789 (4), 788 (16)	359, 361 (4)
543	$D_{10} \cdot 2 \times 2$	40	449280	689, 688, 692, 800 (5)	33 (2), 63, 199, 362
544	$D_{10} \cdot 2 \times 2$	40	449280	694, 689, 693, 801 (5)	64, 200, 362
545	$20 : 2$	40	449280	691, 690, 689, 801 (5)	65, 200, 362
546	$13 : 3$	39	230400	784, 846 (13)	14 (2), 364
547	$3 : S_3 \cdot 2$	36	249600	695, 835 (9)	117, 366, 367, 368
548	$S_3 \times S_3$	36	499200	696 (2), 695, 787 (6)	344 (2), 368
549	$Q_8 : 2^2$	32	561600	705, 697, 711, 701, 712, 698 (2)	33 (2), 405
550	$Q_8 : 4$	32	561600	702, 700, 699	53 (2), 353 (2), 417
551	2^5	32	1755	703 (16), 713 (10), 714 (5)	214 (16), 369 (20), 370 (20), 371, 445 (5), 453 (10), 473 (10), 476 (5)
552	$D_8 \times 2 : 2$	32	140400	703, 715 (2), 716, 717 (2), 718	215, 369, 374, 375
553	$D_8 \times 2 : 2$	32	140400	703, 715 (2), 716, 719 (2), 720	216, 369, 372, 373
554	$D_8 : 2^2$	32	561600	705, 721 (2), 711, 707, 697, 701	352 (2), 405

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
555	$2 \times 4 \cdot 2 : 2$	32	140400	722, 723 (2), 724, 708 (2), 706	354 (4), 376, 406, 407, 410, 434, 435, 444
556	$2 \times 8 : 2$	32	140400	706, 725 (2)	355 (4), 376, 412, 413, 416, 434, 435, 444
557	$Q_8 \times 2^2$	32	11700	726 (12), 706, 709 (2)	356 (16), 376 (12), 418 (3), 420 (3), 423 (6), 427 (3)
558	$2^2 \times 4 \cdot 2$	32	23400	727 (3)	357 (4), 377, 384, 388, 429 (3), 450 (3), 465 (3), 469 (3)
559	$2^2 \times 4 \cdot 2$	32	11700	727 (3)	358 (4), 380, 382 (12), 387 (2), 429 (3), 449 (3), 467 (6)
560	2^5	32	2925	728 (24), 710 (4), 714 (3)	359 (16), 379, 381 (24), 385 (2), 428 (3), 445 (3), 458 (6)
561	$Q_8 \times 2^2$	32	11700	727 (3), 729 (12)	360 (4), 378, 383 (12), 386 (2), 429 (3), 452 (3), 464 (6)
562	$2 \times 4 : 2 : 2$	32	280800	710, 730, 731, 732, 733, 722, 723	361 (2), 381, 410, 470
563	$2^2 \times 4 : 2$	32	70200	715 (4), 713, 734, 727	369, 398, 400, 446, 447, 449, 450 (2), 452, 478, 479, 482, 483, 486, 490
564	$2^2 \times 4 : 2$	32	35100	716 (4), 714, 727 (2)	369, 394, 396, 428, 429 (2), 447, 451 (2), 459 (2), 460, 466, 468 (2)
565	$D_8 \times 2^2$	32	35100	719 (4), 735 (4), 717 (4), 713 (2), 727	369 (2), 378, 380, 393 (2), 399 (2), 402 (4), 425 (2), 446, 450 (2), 480 (2)
566	$D_8 \times 2^2$	32	35100	718 (2), 720 (2), 736 (4), 737 (4), 734, 714, 713	369, 389 (2), 390 (2), 391 (2), 392 (2), 395, 397, 445, 446 (2), 447, 451 (2), 481 (2), 484 (2), 485, 487

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
567	$2^2 \times 4 : 2$	32	70200	738 (2), 739 (2), 713, 740, 709	370, 398, 399, 425 (2), 427, 478, 479, 480, 481, 485, 486, 497, 500, 505
568	$2^2 \times 4 : 2$	32	35100	741 (4), 714, 709 (2)	370, 385, 396, 397, 420 (2), 463 (2), 466, 468 (2), 481 (2), 485, 492
569	$2^2 \times 4 : 2$	32	70200	742 (4), 713, 709, 743	370, 393 (2), 397, 399, 400, 418, 480, 481, 482, 483, 490, 497, 498, 500
570	$2^4 \cdot 2$	32	35100	714, 740, 744 (4), 743	370, 394, 395, 458, 459 (2), 460, 463 (2), 484 (2), 487, 492, 508 (2)
571	$2^3 \times 4$	32	35100	745 (2), 746 (6), 747 (4), 743 (2), 713	371, 393 (2), 398 (2), 399 (2), 400 (2), 419, 437 (4), 484 (2), 496 (2), 503
572	$2^3 \times 4$	32	17550	745 (8), 743 (2), 747 (4), 714	371, 394 (2), 395 (2), 396 (2), 397 (2), 458, 461 (2), 493, 502 (2)
573	$8 : 2 : 2$	32	140400	720, 748 (2)	372, 373, 390
574	$2 \times 4 : 2 : 2$	32	70200	720, 749 (2)	372 (2), 389, 409 (2), 513 (2)
575	$2 \times 4 : 2 : 2$	32	70200	720, 750 (2)	373 (2), 389, 454 (2), 514 (2)
576	$D_8 \times 2 \cdot 2$	32	70200	751 (2), 718	374 (2), 391, 517 (2), 520 (2)
577	$8 : 2 : 2$	32	140400	718, 752 (2)	374, 375, 392
578	$D_8 \times 2 \cdot 2$	32	70200	753 (2), 718	375 (2), 391, 439 (2), 521 (2)
579	$Q_8 : 2^2$	32	280800	722, 726, 704 (4), 725	376, 441, 443
580	$Q_8 : 4$	32	280800	724, 726, 725	376, 441, 442
581	$2^2 \times 4 \cdot 2$	32	35100	734 (2), 727	377 (2), 421 (2), 422 (2), 446, 447 (2), 449, 452, 472 (4), 488 (2), 489 (2)
582	$2^2 \times 4 \cdot 2$	32	70200	734, 706, 727	377, 423, 424, 448, 449, 450, 451 (2), 452, 495, 499, 501, 504, 509, 510

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
583	$Q_8 : 2^2$	32	140400	754 (2), 719 (2), 755 (4), 712 (2), 729, 756, 735, 707 (2)	378, 401, 405
584	$Q_8 : 2^2$	32	140400	755 (2), 754 (2), 717 (2), 699 (2), 712 (4), 757, 729, 735	378, 404 (2), 417 (2)
585	$2^3 \times 4$	32	35100	756 (2), 754 (8), 757 (2), 706, 727, 713	378, 403 (2), 406 (2), 415 (2), 416 (2), 426, 427, 449, 450 (2), 451 (2), 453, 496 (2), 498, 500 (2), 507
586	$2 \times 4 : 2 \times 2$	32	17550	749 (4), 714, 706 (2)	379, 407 (2), 408 (2), 409 (4), 412 (4), 420 (2), 448, 451 (4), 453, 502 (2), 508 (2), 511 (2)
587	$2^2 \times 4 : 2$	32	35100	733 (4), 713, 727, 706	380, 410 (2), 411 (2), 413 (2), 414 (2), 418, 419, 450 (2), 451 (2), 452, 453, 497 (2), 503, 505, 506 (2)
588	$D_8 \times 2^2$	32	70200	705 (8), 728 (2), 756, 732 (2), 722 (2)	381 (2), 405 (2), 406, 443 (2)
589	$D_8 \times 2^2$	32	70200	708 (2), 720 (2), 736 (2), 758 (4), 714, 731 (2), 759, 728	381, 407, 409, 445, 454, 455, 471
590	$D_8 \times 2 : 2$	32	140400	728, 750, 730 (2), 732 (2), 758	381, 455, 470
591	$2^4 \cdot 2$	32	140400	728, 759, 730 (2), 723 (2), 756	381, 406, 471
592	$2^4 \cdot 2$	32	70200	714, 750, 733 (2), 756 (2), 749	381, 408, 409, 453, 454, 456, 471
593	$2 \times 4 : 2 : 2$	32	140400	728, 758, 722 (2), 723 (2), 749	381, 407, 470
594	$2^3 \cdot 2 : 2$	32	140400	732, 760, 730 (2), 708 (2), 727	382, 383, 402, 406, 410, 455, 472
595	$2 \times 8 : 2$	32	140400	727, 761 (2)	382, 383, 402, 403, 411, 457, 472
596	$Q_8 : 4$	32	280800	761, 760, 729	383, 401, 404
597	$Q_8 : 2^2$	32	280800	732, 761, 701 (2), 697 (2), 729	383, 404, 405
598	$2^2 \times 4 \cdot 2$	32	70200	743 (2), 727	384, 387, 393, 394, 400, 419, 422, 424, 459, 461, 464, 469, 482, 496, 499

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
599	2×4^2	32	70200	762 (4), 709, 743, 727	384, 396, 399, 400, 421, 423, 463, 464, 467, 468, 469, 479, 495, 497, 498
600	$2^2 \times 4 \cdot 2$	32	70200	763 (4), 740, 709, 727	386, 425, 427, 463, 465, 466, 467, 468, 469, 482, 488, 490, 497, 501, 510
601	$2^2 \times 4 \cdot 2$	32	70200	740 (2), 727	386, 388, 421, 424, 425, 426, 459, 460, 462, 465, 467, 478, 486, 506, 509
602	$2^2 \times 4 \cdot 2$	32	70200	709, 743, 727	387, 393, 396, 398, 418, 463, 464, 465, 468, 469, 478, 489, 495, 500, 501
603	$2^2 \times 4 \cdot 2$	32	70200	709, 740, 727	388, 422, 423, 463, 464, 465, 466, 467, 468, 480, 483, 486, 500, 505, 510
604	$2^3 \cdot 2 \times 2$	32	70200	733 (2), 757 (2), 713, 750, 749	389 (2), 430 (2), 431, 453, 470 (2), 477 (2), 516
605	$2 \times 4 : 2 : 2$	32	140400	720, 750, 749	389, 409, 454
606	$8 : 2 : 2$	32	140400	718, 748 (2)	390, 520, 521
607	$8 : 2 \times 2$	32	70200	734, 748 (4), 764 (2)	390 (2), 432, 433 (2), 512, 518 (2), 519 (2), 523
608	$2^2 \times 4 : 2$	32	70200	751, 765 (2), 753, 713, 766 (2)	391 (2), 430 (2), 431, 473, 475 (2), 494 (2), 516
609	$D_8 \times 2 \cdot 2$	32	140400	751, 753, 718	391, 439, 517
610	$8 : 2 : 2$	32	140400	720, 752 (2)	392, 513, 514
611	$8 : 2 \times 2$	32	70200	734, 767 (2), 752 (4)	392 (2), 432, 433 (2), 515, 523
612	$2^4 \cdot 2$	32	17550	713, 743 (2), 751 (4)	393 (4), 395 (2), 419 (2), 431 (4), 436 (4), 473, 479 (4), 507 (2), 517 (4)
613	$2^2 \times 4 \cdot 2$	32	70200	768 (4), 727, 743, 740	394, 398, 399, 459, 462, 464, 465, 467, 469, 483, 488, 499, 504, 506, 507

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
614	$2^3 \times 4$	32	35100	769 (8), 713, 743, 766 (4), 740	395, 399 (2), 430 (4), 473, 478 (2), 480 (2), 482 (2), 487, 496 (2), 506 (2)
615	2×4^2	32	17550	734, 743 (2), 770 (4)	395 (2), 400 (4), 432 (4), 489 (4), 491, 499 (4)
616	$D_8 \times 4$	32	280800	737, 747, 766, 771, 751, 744, 770	395, 494 (2)
617	$2^2 \times 4 \cdot 2$	32	35100	734, 743, 771 (4), 740	395, 398 (2), 421 (2), 422 (2), 424 (2), 433 (4), 487, 490 (2), 491, 504 (2)
618	$2^2 \times 4 \cdot 2$	32	70200	734, 743, 709	397, 398, 400, 422 (2), 423, 479, 481, 482, 488, 489, 492, 495 (2), 501
619	$D_8 \times 4$	32	280800	719, 745, 769, 768, 742, 739, 762	399
620	$D_8 \times 4$	32	280800	769, 768, 742, 762, 717, 738, 746	399
621	$D_8 : 4$	32	280800	735, 760, 761	401, 402, 404
622	$8 : 2 \times 2$	32	140400	711 (4), 756, 761 (2)	401, 403, 405
623	$2^2 \times 4 \cdot 2$	32	70200	759 (2), 724 (2), 760 (2), 756	401 (2), 406, 442 (2), 471 (2)
624	$D_8 : 2^2$	32	280800	721 (2), 698 (2), 732, 761, 735	402, 404, 405
625	$2 \times 8 : 2$	32	140400	757, 761 (2)	403, 404 (2), 438 (2)
626	$2 \times 4 : 2 : 2$	32	140400	772 (2), 723 (2), 757, 732, 760	404 (2), 406, 470 (2)
627	$D_8 \times 2^2$	32	70200	772 (4), 731 (2), 736 (2), 718 (2), 713, 759, 708 (2), 728	406 (2), 439, 440 (2), 445, 470 (2), 475 (2), 517
628	$D_8 \times 2 : 2$	32	140400	757, 724, 772 (2), 730 (2), 722	406, 441 (2), 470 (2)
629	$2 \times 4 \cdot 2 : 2$	32	140400	723 (2), 749, 758, 724 (2), 759	407, 470, 471
630	$D_8 \times 2^2$	32	70200	737 (4), 758 (2), 708 (2), 773, 710, 713, 731 (2), 772 (2)	410 (2), 436, 437 (2), 445, 470 (2), 474, 494 (2)
631	$2 \times 4 : 2 : 2$	32	280800	733, 724, 773, 760, 731, 723, 730	410, 470, 471

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
632	$2^3 \cdot 2 \times 2$	32	70200	774 (4), 775 (2), 713	414 (2), 436, 437 (2), 474, 475 (2), 476, 477 (2)
633	$2^2 \times 4 : 2$	32	70200	751, 776 (2), 753, 713, 766 (2)	415 (2), 439, 440 (2), 473, 477 (2), 494 (2), 517
634	$2^2 \times 4 \cdot 2$	32	140400	766 (2), 757	415, 430 (2), 438 (2)
635	2×4^2	32	140400	702 (4), 766 (2), 757	415, 417 (2), 430 (2)
636	$8 : 2 \times 2$	32	140400	700 (4), 757, 725 (2)	416, 417 (2), 441 (2)
637	$2 \times 8 : 2$	32	140400	756, 725 (2)	416, 442, 443
638	$Q_8 : 4$	32	561600	702, 755, 700	417
639	$2^2 \times 4 \cdot 2$	32	35100	706, 743 (2)	418, 419 (2), 435 (4), 495 (2), 496 (2), 498, 499 (2), 502 (2), 504 (2), 508
640	$2^2 \times 4 \cdot 2$	32	35100	709 (2), 706	420 (3), 434 (4), 495 (2), 497 (2), 498, 500 (2), 501 (2), 505, 510 (2)
641	$2 \times 4 \cdot 2 \times 2$	32	70200	777 (4), 743, 740, 734	421, 422, 424, 478, 479, 482, 483, 484 (2), 488, 489, 493, 499, 504, 509
642	$2^2 \times 4 \cdot 2$	32	70200	778 (4), 709, 740, 734	421 (2), 423, 478, 481, 483, 485, 486, 488, 489, 490, 492, 501, 510 (2)
643	$2^2 \times 4 \cdot 2$	32	70200	743, 740, 706	423, 424 (2), 496, 497, 499, 500, 501, 502, 503, 506, 507, 508, 509, 511
644	$2^2 \times 4 : 2$	32	35100	774 (4), 713, 740 (2)	425 (2), 426, 440 (4), 476, 480 (2), 484 (2), 486 (2), 490 (2), 506 (2), 507
645	$2^2 \times 4 : 2$	32	17550	753 (4), 713, 740 (2)	425 (4), 426 (2), 439 (4), 473, 474 (4), 483 (4), 487 (2), 503 (2), 516 (4)
646	$2^2 \times 4 \cdot 2$	32	35100	779 (4), 740 (2), 706	426 (2), 427, 444 (4), 504 (2), 505, 506 (2), 508, 509 (2), 510 (2), 511 (2)

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
647	$2 \times 4 \cdot 2 : 2$	32	140400	738 (2), 763 (2), 757, 779, 726	427, 438 (2), 441 (2)
648	$Q_8 \times 2 : 2$	32	140400	739 (2), 763 (2), 756, 726, 779	427, 442, 443
649	$2^4 \cdot 2$	32	17550	714, 727 (2), 750 (4)	428, 429 (2), 446 (2), 448, 453, 454 (4), 455 (2), 456 (2), 457 (4), 461 (2), 462 (2), 463 (4)
650	$4^2 \cdot 2$	32	140400	770, 764, 767	432, 522 (2), 525 (2)
651	4×8	32	140400	764, 767, 770	432, 522 (2), 526 (2)
652	$2^3 \cdot 2 : 2$	32	280800	751, 772, 774	436, 440, 475
653	$2^2 \times 4 : 2$	32	280800	746, 777 (2), 737, 744, 774, 765	437 (2), 484
654	$2^2 \times 4 : 2$	32	280800	746, 777 (2), 737, 776, 774, 744	437 (2), 484
655	$2^2 \times 4 \cdot 2$	32	140400	777 (4), 775, 747, 773	437 (2), 493, 524 (2)
656	$2^2 \times 4 : 2$	32	140400	744 (2), 765, 776, 710, 747, 775	437 (2), 458, 494 (2)
657	$D_8 \times 2 \cdot 2$	32	280800	753, 774, 772	440, 474, 475
658	$D_8 : 4$	32	280800	722, 725, 779	441, 443, 444
659	$2 \times 8 \cdot 2$	32	280800	779, 724, 725	441, 442, 444
660	$2^3 \times 4$	32	8775	773 (4), 759 (8), 734 (2), 714	445, 447 (4), 448 (2), 471 (8), 491 (2), 492 (4), 493 (2), 512 (4), 515 (4)
661	$2 \times 4 : 2 : 2$	32	140400	758, 760 (2), 730 (2), 750, 759	455, 470, 471
662	$2 \times 4 : 2 \times 2$	32	35100	776 (2), 765 (2), 714, 740, 743	458, 459 (2), 461, 462, 468 (2), 473, 481 (2), 484 (2), 491, 502, 511
663	$2^3 \times 4$	32	17550	780 (8), 775 (4), 740 (2), 714	458, 460 (2), 462 (2), 466 (2), 476, 485 (2), 487 (2), 493, 511 (2)
664	$2^2 \times 4 \cdot 2$	32	70200	727, 740, 743	459, 460, 461, 464, 465, 467, 469, 479, 480, 489, 490, 496, 503, 504, 509
665	$2 \times 4 : 2 : 2$	32	140400	718, 778 (2), 738 (2), 780, 741	485, 520, 521
666	$D_8 \times 2 \cdot 2$	32	140400	720, 778 (2), 780, 739 (2), 741	485, 513, 514

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
667	2×4^2	32	17550	781 (4), 740 (2), 734	486 (4), 487 (2), 488 (4), 491, 509 (4), 523 (4)
668	$D_8 \times 4$	32	280800	766, 781, 753, 771, 737, 775, 744	487, 494 (2)
669	$4^2 : 2$	32	140400	765, 781, 776, 770, 773, 771 (2)	491, 494 (2), 522 (2)
670	$2 \times 8 : 2$	32	140400	773, 764 (2)	512, 522 (2), 524 (2)
671	$2 \times 8 : 2$	32	140400	773, 767 (2)	515, 522 (2), 524 (2)
672	$16 : 2$	32	280800	764, 782 (2)	518, 525, 526
673	$16 : 2$	32	280800	764, 783 (2)	519, 525, 526
674	$2 \times 8 \cdot 2$	32	280800	764, 781, 767	522 (2), 523
675	3^{1+2}	27	83200	793 (4)	528 (4), 529
676	D_{26}	26	230400	784, 847 (13)	10 (3), 364, 530
677	5^2	25	14976	833 (6)	365 (4), 531, 532 (6)
678	D_{24}	24	748800	787 (2), 785, 802 (3)	10, 192, 352 (2), 354, 533
679	$2^2 : S_3$	24	748800	788, 799 (3), 832 (4)	14, 117, 361, 534
680	$4 \cdot S_3$	24	748800	785, 794 (3)	66 (2), 193, 353 (2), 355, 533
681	$Q_8 : 3$	24	374400	795, 831 (4)	67, 360, 535
682	$Q_8 \times 3$	24	748800	786 (2), 785, 803	194, 356, 533
683	$Q_8 : 3$	24	374400	797, 831 (4)	195 (2), 360, 536, 538, 540
684	$2^2 : S_3$	24	748800	788, 802 (3), 832 (4)	343 (2), 361, 534
685	$A_4 \times 2$	24	187200	789, 804, 831 (4)	357 (2), 358, 359, 360, 537, 539 (2), 541 (2)
686	$A_4 \times 2$	24	748800	788, 805, 831 (4)	359, 534
687	$2^2 : S_3$	24	748800	789, 806 (3), 832 (4)	361, 539
688	$D_{10} \cdot 2$	20	449280	792, 835 (5)	60 (2), 122, 348, 543
689	D_{20}	20	449280	790, 792, 791, 836 (5)	61 (2), 118, 349, 543, 544, 545
690	Q_{20}	20	449280	790, 837 (5)	119, 351, 545
691	20	20	449280	790, 838	120, 350, 545
692	$D_{10} \cdot 2$	20	449280	792, 839 (5)	121, 343 (4), 347, 543
693	$D_{10} \cdot 2$	20	89856	791, 838 (5)	123 (5), 350, 544 (5)
694	$D_{10} \cdot 2$	20	449280	791, 837 (5)	124, 351, 544
695	$3 : S_3$	18	83200	793, 832 (12)	528 (4), 547 (3), 548 (6)
696	$S_3 \times 3$	18	998400	793, 832, 831 (3)	528, 529, 548
697	$Q_8 : 2$	16	561600	799, 798, 797	60 (2), 540 (2), 549, 554, 597

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<i>continued from previous page</i>					
Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
698	D_{16}	16	561600	796, 798, 799	61 (2), 549 (2), 624
699	$D_8 : 2$	16	93600	796 (3), 795, 800 (3)	103 (4), 535 (4), 550 (6), 584 (3)
700	$8 : 2$	16	561600	800, 794 (2)	104 (2), 550, 636, 638
701	$D_8 \cdot 2$	16	561600	799, 797, 798	219 (4), 536 (2), 549, 554, 597
702	4^2	16	561600	801 (2), 800	362 (4), 550, 635, 638
703	2^4	16	28080	807 (5), 808 (10)	363, 551, 552 (5), 553 (5)
704	$D_8 \cdot 2$	16	1123200	802, 803, 794	533 (2), 579
705	$D_8 \times 2$	16	561600	805 (2), 799 (2), 802 (2), 809	534 (4), 549, 554, 588
706	$2^2 \times 4$	16	11700	810 (6), 804	537 (16), 555 (12), 556 (12), 557, 582 (6), 585 (3), 586 (3), 587 (3), 639 (3), 640 (3), 643 (6), 646 (3)
707	$D_8 : 2$	16	93600	811 (3), 809 (3), 797	538 (4), 554 (6), 583 (3)
708	$D_8 \times 2$	16	140400	804, 812, 806 (2), 813 (2), 814	539 (8), 555 (2), 589, 594 (2), 627, 630
709	$2^2 \times 4$	16	23400	815 (6), 804	541 (16), 557, 567 (3), 568 (3), 569 (3), 599 (3), 600 (3), 602 (3), 603 (3), 618 (3), 640 (3), 642 (3)
710	2^4	16	11700	814 (12), 816 (3)	542 (4), 560, 562 (24), 630 (6), 656 (12)
711	$8 : 2$	16	561600	809, 798 (2)	549, 554, 622
712	$D_8 : 2$	16	280800	817 (2), 797, 800 (2), 809, 796	549 (2), 583, 584 (2)
713	2^4	16	17550	808 (8), 818 (3), 819, 816 (2), 804	551, 563 (4), 565 (4), 566 (2), 567 (4), 569 (4), 571 (2), 585 (2), 587 (2), 604 (4), 608 (4), 612, 614 (2), 627 (4), 630 (4), 632 (4), 633 (4), 644 (2), 645

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<i>continued from previous page</i>					
Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
714	2^4	16	8775	807 (8), 816 (2), 819 (4), 804	551, 560, 564 (4), 566 (4), 568 (4), 570 (4), 572 (2), 586 (2), 589 (8), 592 (8), 649 (2), 660, 662 (4), 663 (2)
715	$2 \times 4 : 2$	16	280800	808, 820, 821	552, 553, 563
716	$2 \times 4 : 2$	16	140400	807, 821 (2)	552, 553, 564
717	$D_8 \times 2$	16	140400	817 (2), 821, 796 (2), 808, 818	552 (2), 565, 584 (2), 620 (2)
718	$D_8 \times 2$	16	70200	806 (4), 820, 807, 818	552 (2), 566, 576, 577 (2), 578, 606 (2), 609 (2), 627 (2), 665 (2)
719	$D_8 \times 2$	16	140400	811 (2), 817 (2), 808, 821, 819	553 (2), 565, 583 (2), 619 (2)
720	$D_8 \times 2$	16	70200	813 (4), 807, 820, 819	553 (2), 566, 573 (2), 574, 575, 589 (2), 605 (2), 610 (2), 666 (2)
721	D_{16}	16	561600	811, 799, 798	554 (2), 624
722	$D_8 \times 2$	16	140400	814 (2), 802 (4), 810	555, 562 (2), 579 (2), 588, 593 (2), 628, 658 (2)
723	$2 \times 4 : 2$	16	280800	814, 810, 812	555, 562, 591, 593, 626, 629, 631
724	$2 \times 4 \cdot 2$	16	140400	812 (2), 810	555, 580 (2), 623, 628, 629 (2), 631 (2), 659 (2)
725	2×8	16	280800	794 (2), 810	556, 579, 580, 636, 637, 658, 659
726	$Q_8 \times 2$	16	140400	803 (4), 810, 815 (2)	557, 579 (2), 580 (2), 647, 648
727	$2^2 \times 4$	16	35100	822 (2), 821 (4), 804	558 (2), 559, 561, 563 (2), 564 (2), 565, 581, 582 (2), 585, 587, 594 (4), 595 (4), 598 (2), 599 (2), 600 (2), 601 (2), 602 (2), 603 (2), 613 (2), 649, 664 (2)

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
728	2^4	16	70200	805 (8), 814 (4), 819, 807 (2)	560, 588 (2), 589, 590 (2), 591 (2), 593 (2), 627
729	$Q_8 \times 2$	16	140400	821 (2), 795 (2), 797 (2), 822	561, 583, 584, 596 (2), 597 (2)
730	$2 \times 4 : 2$	16	280800	814, 812, 822	562, 590, 591, 594, 628, 631, 661
731	$D_8 \times 2$	16	140400	806 (2), 813 (2), 816, 814, 812	562 (2), 589, 627, 630, 631 (2)
732	$D_8 \times 2$	16	140400	799 (4), 814 (2), 822	562 (2), 588, 590 (2), 594, 597 (2), 624 (2), 626
733	$2 \times 4 : 2$	16	140400	816, 822, 810	562 (2), 587, 592, 604, 631 (2)
734	$2^2 \times 4$	16	17550	823 (2), 820 (4), 804	563 (4), 566 (2), 581 (4), 582 (4), 607 (4), 611 (4), 615, 617 (2), 618 (4), 641 (4), 642 (4), 660, 667
735	$D_8 \times 2$	16	140400	796, 811, 817 (2), 808 (2), 822	565, 583, 584, 621 (2), 624 (2)
736	$D_8 \times 2$	16	140400	806 (2), 820, 807, 816, 813 (2)	566, 589, 627
737	$D_8 \times 2$	16	140400	806 (2), 813 (2), 818, 823, 816	566, 616 (2), 630 (2), 653 (2), 654 (2), 668 (2)
738	$2 \times 4 : 2$	16	140400	818, 824, 815	567, 620 (2), 647 (2), 665 (2)
739	$2 \times 4 : 2$	16	140400	819, 824, 815	567, 619 (2), 648 (2), 666 (2)
740	$2^2 \times 4$	16	35100	825 (2), 824 (4), 804	567 (2), 570, 600 (2), 601 (4), 603 (2), 613 (2), 614, 617, 641 (2), 642 (2), 643 (2), 644 (2), 645, 646 (2), 662, 663, 664 (2), 667
741	$2 \times 4 : 2$	16	140400	807, 815 (2)	568, 665, 666
742	$2 \times 4 : 2$	16	280800	808, 815, 826	569, 619, 620
743	$2^2 \times 4$	16	35100	826 (4), 827 (2), 804	569 (2), 570, 571 (2), 572, 598 (4), 599 (2), 602 (2), 612, 613 (2), 614, 615, 617, 618 (2), 639 (2), 641 (2), 643 (2), 662, 664 (2)

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
744	$2 \times 4 : 2$	16	140400	816, 827, 825	570, 616 (2), 653 (2), 654 (2), 656 (2), 668 (2)
745	$2^2 \times 4$	16	70200	826 (6), 819	571, 572 (2), 619 (4)
746	$2^2 \times 4$	16	70200	827 (4), 826 (2), 818	571 (3), 620 (4), 653 (4), 654 (4)
747	$2^2 \times 4$	16	70200	826 (4), 827 (2), 816	571 (2), 572, 616 (4), 655 (2), 656 (2)
748	$8 : 2$	16	280800	820, 828 (2)	573, 606, 607
749	$2 \times 4 : 2$	16	70200	819, 810 (2)	574 (2), 586, 592, 593 (2), 604, 605 (2), 629 (2)
750	$2 \times 4 : 2$	16	70200	819, 822 (2)	575 (2), 590 (2), 592, 604, 605 (2), 649, 661 (2)
751	$2 \times 4 : 2$	16	70200	818, 827 (2)	576 (2), 608, 609 (2), 612, 616 (4), 633, 652 (4)
752	$8 : 2$	16	280800	820, 829 (2)	577, 610, 611
753	$2 \times 4 : 2$	16	70200	818, 825 (2)	578 (2), 608, 609 (2), 633, 645, 657 (4), 668 (4)
754	$2^2 \times 4$	16	280800	800 (2), 821, 810, 808, 809 (2)	583, 584, 585
755	$D_8 : 2$	16	280800	817 (2), 795, 800, 809 (2), 811	583 (2), 584, 638 (2)
756	$2^2 \times 4$	16	70200	810, 809 (4), 819, 822	583 (2), 585, 588, 591 (2), 592 (2), 622 (2), 623, 637 (2), 648 (2)
757	$2^2 \times 4$	16	70200	800 (4), 810, 818, 822	584 (2), 585, 604 (2), 625 (2), 626 (2), 628 (2), 634 (2), 635 (2), 636 (2), 647 (2)
758	$D_8 \times 2$	16	140400	813 (4), 814, 812, 819	589 (2), 590, 593, 629, 630, 661
759	$2^2 \times 4$	16	70200	812 (4), 820 (2), 819	589, 591 (2), 623 (2), 627, 629 (2), 660, 661 (2)
760	$2 \times 4 \cdot 2$	16	140400	812 (2), 822	594, 596 (2), 621 (2), 623, 626, 631 (2), 661 (2)

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
761	2×8	16	280800	798 (2), 822	595, 596, 597, 621, 622, 624, 625
762	4^2	16	280800	815, 826, 821	599, 619, 620
763	$2 \times 4 \cdot 2$	16	280800	824, 815, 822	600, 647, 648
764	2×8	16	140400	828 (2), 823	607, 650, 651, 670 (2), 672 (2), 673 (2), 674 (2)
765	$2 \times 4 : 2$	16	70200	816, 827, 825	608 (2), 653 (4), 656 (2), 662, 669 (2)
766	$2^2 \times 4$	16	140400	801 (4), 827, 825, 818	608, 614, 616 (2), 633, 634 (2), 635 (2), 668 (2)
767	2×8	16	140400	829 (2), 823	611, 650, 651, 671 (2), 674 (2)
768	$2 \times 4 \cdot 2$	16	280800	821, 826, 824	613, 619, 620
769	$2^2 \times 4$	16	280800	808, 826, 801 (4), 824	614, 619, 620
770	4^2	16	70200	823, 827 (2)	615, 616 (4), 650 (2), 651 (2), 669 (2)
771	$2 \times 4 \cdot 2$	16	140400	827, 825, 823	616 (2), 617, 668 (2), 669 (2)
772	$D_8 \times 2$	16	140400	806 (4), 818, 814, 812	626 (2), 627 (2), 628 (2), 630, 652 (2), 657 (2)
773	$2^2 \times 4$	16	35100	816, 812 (4), 823 (2)	630 (2), 631 (8), 655 (4), 660, 669 (4), 670 (4), 671 (4)
774	$2 \times 4 : 2$	16	140400	818, 825 (2)	632 (2), 644, 652 (2), 653 (2), 654 (2), 657 (2)
775	$2^2 \times 4$	16	70200	830 (4), 816, 825 (2)	632 (2), 655 (2), 656 (2), 663, 668 (4)
776	$2 \times 4 : 2$	16	70200	816, 827, 825	633 (2), 654 (4), 656 (2), 662, 669 (2)
777	$2 \times 4 \cdot 2$	16	280800	827, 825, 823	641, 653 (2), 654 (2), 655 (2)
778	$2 \times 4 \cdot 2$	16	280800	815, 824, 820	642, 665, 666
779	$2 \times 4 \cdot 2$	16	140400	824 (2), 810	646, 647, 648, 658 (2), 659 (2)
780	$2^2 \times 4$	16	140400	830 (4), 824 (2), 807	663, 665, 666
781	4^2	16	70200	825 (2), 823	667, 668 (4), 669 (2), 674 (4)
782	16	16	561600	828	672
783	16	16	561600	828	673

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
784	13	13	230400	849	546, 676
785	12	12	748800	831, 839	125 (2), 345, 535 (2), 537, 538 (2), 678, 680, 682
786	12	12	1497600	831, 834	217 (2), 346, 541, 682
787	D_{12}	12	1497600	831, 832 (2), 840 (3)	343 (2), 534 (2), 536, 539, 540, 548 (2), 678
788	A_4	12	748800	840, 846 (4)	527 (2), 542, 679, 684, 686
789	A_4	12	187200	841, 846 (4)	542, 685, 687 (4)
790	10	10	449280	833, 848	214, 532, 689, 690, 691
791	D_{10}	10	89856	833, 848 (5)	215 (5), 532, 689 (5), 693, 694 (5)
792	D_{10}	10	449280	833, 847 (5)	216, 527 (4), 531, 688, 689, 692
793	3^2	9	83200	846 (4)	675 (4), 695, 696 (12)
794	8	8	561600	839	196 (4), 680 (4), 700 (2), 704 (2), 725
795	Q_8	8	93600	835 (3)	197 (4), 681 (4), 699, 729 (3), 755 (3)
796	D_8	8	140400	836 (2), 835	198 (8), 698 (4), 699 (2), 712 (2), 717 (2), 735
797	Q_8	8	93600	835 (3)	366 (8), 683 (4), 697 (6), 701 (6), 707, 712 (3), 729 (3)
798	8	8	561600	835	367 (4), 697, 698, 701, 711 (2), 721, 761
799	D_8	8	561600	840 (2), 835	368 (4), 679 (4), 697, 698, 701, 705 (2), 721, 732
800	2×4	8	280800	839, 836, 835	543 (8), 699, 700 (2), 702 (2), 712 (2), 754 (2), 755, 757
801	2×4	8	561600	838, 837, 836	544 (4), 545 (4), 702 (2), 766, 769 (2)
802	D_8	8	561600	840 (2), 839	678 (4), 684 (4), 704 (2), 705 (2), 722
803	Q_8	8	187200	834 (2), 839	682 (4), 704 (6), 726 (3)
804	2^3	8	2925	842 (6), 841	685 (64), 706 (4), 708 (48), 709 (8), 713 (6), 714 (3), 727 (12), 734 (6), 740 (12), 743 (12)

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
805	2^3	8	187200	840 (4), 843 (3)	686 (4), 705 (6), 728 (3)
806	D_8	8	280800	841, 844, 845	687 (8), 708, 718, 731, 736, 737, 772 (2)
807	2^3	8	70200	842, 845 (2), 843 (4)	703 (2), 714, 716 (2), 718, 720, 728 (2), 736 (2), 741 (2), 780 (2)
808	2^3	8	140400	836 (3), 845 (2), 843, 842	703 (2), 713, 715 (2), 717, 719, 735 (2), 742 (2), 754 (2), 769 (2)
809	2×4	8	280800	835, 839, 843	705 (2), 707, 711 (2), 712, 754 (2), 755 (2), 756
810	2×4	8	70200	839 (2), 842	706, 722 (2), 723 (4), 724 (2), 725 (4), 726 (2), 733 (2), 749 (2), 754 (4), 756, 757, 779 (2)
811	D_8	8	140400	843 (2), 835	707 (2), 719 (2), 721 (4), 735, 755 (2)
812	2×4	8	140400	844 (2), 842	708, 723 (2), 724 (2), 730 (2), 731, 758, 759 (2), 760 (2), 772, 773
813	D_8	8	280800	845, 842, 844	708, 720, 731, 736, 737, 758 (2)
814	2^3	8	140400	840 (4), 842, 845 (2)	708, 710, 722 (2), 723 (2), 728 (2), 730 (2), 731, 732 (2), 758, 772
815	2×4	8	140400	834 (2), 842	709, 726 (2), 738, 739, 741 (2), 742 (2), 762 (2), 763 (2), 778 (2)
816	2^3	8	17550	845 (4), 842 (2), 841	710 (2), 713 (2), 714, 731 (8), 733 (8), 736 (8), 737 (8), 744 (8), 747 (4), 765 (4), 773 (2), 775 (4), 776 (4)
817	D_8	8	280800	836, 835, 843	712 (2), 717, 719, 735, 755 (2)
818	2^3	8	17550	841 (2), 842, 836 (4)	713 (3), 717 (8), 718 (4), 737 (8), 738 (8), 746 (4), 751 (4), 753 (4), 757 (4), 766 (8), 772 (8), 774 (8)

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
819	2^3	8	17550	842 (3), 843 (4)	713, 714 (2), 719 (8), 720 (4), 728 (4), 739 (8), 745 (4), 749 (4), 750 (4), 756 (4), 758 (8), 759 (4)
820	2×4	8	70200	844 (2), 842	715 (4), 718, 720, 734, 736 (2), 748 (4), 752 (4), 759 (2), 778 (4)
821	2×4	8	140400	835 (2), 842	715 (2), 716 (2), 717, 719, 727, 729 (2), 754 (2), 762 (2), 768 (2)
822	2×4	8	70200	835 (2), 842	727, 729 (2), 730 (4), 732 (2), 733 (2), 735 (2), 750 (2), 756, 757, 760 (2), 761 (4), 763 (4)
823	2×4	8	35100	844 (2), 841	734, 737 (4), 764 (4), 767 (4), 770 (2), 771 (4), 773 (2), 777 (8), 781 (2)
824	2×4	8	140400	837 (2), 842	738, 739, 740, 763 (2), 768 (2), 769 (2), 778 (2), 779 (2), 780 (2)
825	2×4	8	70200	837 (2), 841	740, 744 (2), 753 (2), 765, 766 (2), 771 (2), 774 (4), 775 (2), 776, 777 (4), 781 (2)
826	2×4	8	140400	838 (2), 842	742 (2), 743, 745 (3), 746, 747 (2), 762 (2), 768 (2), 769 (2)
827	2×4	8	70200	838 (2), 841	743, 744 (2), 746 (4), 747 (2), 751 (2), 765, 766 (2), 770 (2), 771 (2), 776, 777 (4)
828	8	8	280800	844	748 (2), 764, 782 (2), 783 (2)
829	8	8	280800	844	752 (2), 767
830	2×4	8	280800	845, 837 (2)	775, 780 (2)
831	6	6	748800	846, 847	218 (2), 364 (4), 681 (2), 683 (2), 685, 686 (4), 696 (4), 785, 786 (2), 787 (2)

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
832	S_3	6	998400	846, 847 (3)	527 (3), 679 (3), 684 (3), 687 (3), 695, 696, 787 (3)
833	5	5	89856	849	363 (5), 677, 790 (5), 791, 792 (5)
834	4	4	93600	847	530 (32), 786 (16), 803 (4), 815 (3)
835	4	4	140400	847	547 (16), 688 (16), 795 (2), 796, 797 (2), 798 (4), 799 (4), 800 (2), 809 (2), 811, 817 (2), 821 (2), 822
836	2^2	4	70200	848 (2), 847	689 (32), 796 (4), 800 (4), 801 (8), 808 (6), 817 (4), 818
837	4	4	140400	848	690 (16), 694 (16), 801 (4), 824 (2), 825, 830 (4)
838	4	4	28080	848	691 (16), 693 (16), 801 (20), 826 (10), 827 (5)
839	4	4	46800	847	692 (48), 785 (16), 794 (12), 800 (6), 802 (12), 803 (4), 809 (6), 810 (3)
840	2^2	4	187200	847 (3)	787 (24), 788 (4), 799 (6), 802 (6), 805 (4), 814 (3)
841	2^2	4	2925	848 (3)	789 (64), 804, 806 (96), 816 (6), 818 (12), 823 (12), 825 (24), 827 (24)
842	2^2	4	17550	847 (2), 848	804, 807 (4), 808 (8), 810 (4), 812 (8), 813 (16), 814 (8), 815 (8), 816 (2), 818, 819 (3), 820 (4), 821 (8), 822 (4), 824 (8), 826 (8)

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Nr.	Structure	Order	Length	Maximal Subgroups	Minimal Overgroups
843	2^2	4	70200	847 (3)	805 (8), 807 (4), 808 (2), 809 (4), 811 (4), 817 (4), 819
844	4	4	70200	848	806 (4), 812 (4), 813 (4), 820 (2), 823, 828 (4), 829 (4)
845	2^2	4	70200	847 (2), 848	806 (4), 807 (2), 808 (4), 813 (4), 814 (4), 816, 830 (4)
846	3	3	83200	849	365 (18), 546 (36), 788 (36), 789 (9), 793 (4), 831 (9), 832 (12)
847	2	2	11700	849	676 (256), 792 (192), 831 (64), 832 (256), 834 (8), 835 (12), 836 (6), 839 (4), 840 (48), 842 (3), 843 (18), 845 (12)
848	2	2	1755	849	790 (256), 791 (256), 836 (80), 837 (80), 838 (16), 841 (5), 842 (10), 844 (40), 845 (40)
849	1	1	1		784 (230400), 833 (89856), 846 (83200), 847 (11700), 848 (1755)

TABLE 1. Subgroup lattice of ${}^2F_4(2)$

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