FreeProductsGroupLattice

September 24, 2018

Group : $C_2 * C_3$

Searching up to index : 2500

How many normal groups are found : 527

Total Time (in s) in GAP: 103.6

Number	Index	Supergroups
1	1	[ ]
2	2	[1]
3	3	[1]
4	6	[2, 3]
5	6	[2]
6	12	[3]
7	18	[4, 5]
8	24	[4, 6]
9	24	[5]
10	42	[4]
11	42	[4]
12	48	[9]
13	48	[8]
14	54	[7]
15	60	[1]
16	72	[7, 9]
17	72	[7, 8]
18	78	[4]
19	78	[4]
20	96	[8]
21	96	[9]

22	114	[4]
23	114	[4]
24	120	[2, 15]
25	126	[7, 11]
26	126	[7, 10]
27	144	[13, 17]
28	144	[12, 16]
29	150	[4]
30	150	[5]
31	162	[14]
32	162	[14]
33	168	[1]
34	168	[8, 11]
35	168	[8, 10]
36	180	[3, 15]
37	186	[4]
38	186	[4]
39	192	[13, 20]
40	192	[12, 21]
41	216	[14, 17]
42	216	[14, 16]
43	222	[4]
44	222	[4]
45	234	[7, 18]
46	234	[7, 19]
47	240	[24]
48	258	[4]
49	258	[4]
50	288	[16, 17]
51	288	[17, 20]
52	288	[16, 21]
53	294	[5]
54	294	[10, 11]
55	294	[11]
56	294	[10]
57	312	[8, 18]
58	312	[8, 19]
59	324	[6]

60	336	[2]
61	336	[2]
62	336	[2, 33]
63	336	[13, 35]
64	336	[13, 34]
65	342	[7, 22]
66	342	[7, 23]
67	360	[5, 24]
68	360	[4, 24, 36]
69	366	[4]
70	366	[4]
71	378	[14, 26]
72	378	[14, 25]
73	384	[39]
74	384	[20]
75	384	[40]
76	384	[21]
77	402	[4]
78	402	[4]
79	432	[12]
80	432	[12]
81	432	[28, 42]
82	432	[27, 41]
83	438	[4]
84	438	[4]
85	450	[7, 29]
86	450	[7, 30]
87	456	[8, 22]
88	456	[8, 23]
89	474	[4]
90	474	[4]
91	486	[31, 32]
92	486	[31]
93	486	[32]
94	486	[32]
95	486	[32]
96	504	[1]
97	504	[1]

98	504	[16, 26]
99	504	[16, 25]
100	504	[17, 26, 35]
101	504	[17, 25, 34]
102	504	[3, 33]
103	546	[10, 18]
104	546	[11, 18]
105	546	[10, 19]
106	546	[11, 19]
107	558	[7, 37]
108	558	[7, 38]
109	576	[27, 39, 51]
110	576	[27, 50]
111	576	[50]
112	576	[28, 50]
113	576	[28, 40, 52]
114	582	[4]
115	582	[4]
116	600	[8, 29]
117	600	[9, 30]
118	618	[4]
119	618	[4]
120	624	[13, 57]
121	624	[13, 58]
122	648	[8, 59]
123	648	[9]
124	648	[32, 41]
125	648	[31, 41]
126	648	[32, 42]
127	648	[31, 42]
128	654	[4]
129	654	[4]
130	660	[1]
131	666	[7, 44]
132	666	[7, 43]
133	672	[20, 35]
134	672	[20, 34]
135	672	[62]

136	672	[60]
137	672	[61]
138	702	[14, 45]
139	702	[14, 46]
140	720	[2]
141	720	[2]
142	720	[6, 36]
143	720	[47, 68]
144	720	[47, 67]
145	726	[4]
146	726	[5]
147	744	[8, 37]
148	744	[8, 38]
149	750	[29]
150	750	[30]
151	762	[4]
152	762	[4]
153	768	[39]
154	768	[39]
155	768	[39, 74]
156	768	[39]
157	768	[39]
158	768	[40]
159	768	[40, 76]
160	768	[40]
161	774	[7, 48]
162	774	[7, 49]
163	798	[10, 22]
164	798	[11, 22]
165	798	[10, 23]
166	798	[11, 23]
167	834	[4]
168	834	[4]
169	864	[41, 51]
170	864	[42, 52]
171	864	[41, 42, 50]
172	882	[25, 55]
173	882	[25, 26, 54]

174	882	[26, 56]
175	882	[7, 53]
176	888	[8, 43]
177	888	[8, 44]
178	906	[4]
179	906	[4]
180	912	[13, 87]
181	912	[13, 88]
182	936	[16, 45]
183	936	[17, 45, 57]
184	936	[16, 46]
185	936	[17, 46, 58]
186	942	[4]
187	942	[4]
188	978	[4]
189	978	[4]
190	1008	[2, 97]
191	1008	[2, 96]
192	1008	[28, 98]
193	1008	[28, 99]
194	1008	[27, 64, 101]
195	1008	[27, 63, 100]
196	1008	[4, 62, 102]
197	1008	[5, 62]
198	1008	[4, 60]
199	1008	[5, 60]
200	1008	[4, 61]
201	1008	[5, 61]
202	1014	[18, 19]
203	1014	[18]
204	1014	[19]
205	1014	[5]
206	1026	[14, 65]
207	1026	[14, 66]
208	1032	[8, 48]
209	1032	[8, 49]
210	1050	[10, 29]
211	1050	[11, 29]

212	1080	[7, 67, 68]
213	1086	[4]
214	1086	[4]
215	1092	[1]
216	1092	[1]
217	1092	[1]
218	1092	[1]
219	1098	[7, 69]
220	1098	[7, 70]
221	1134	[31, 71]
222	1134	[31, 72]
223	1134	[32, 71]
224	1134	[32, 72]
225	1152	[73, 109]
226	1152	[110, 111, 112]
227	1152	[51, 74]
228	1152	[50, 51]
229	1152	[50, 52]
230	1152	[75, 113]
231	1152	[52, 76]
232	1158	[4]
233	1158	[4]
234	1176	[34, 55]
235	1176	[34, 35, 54]
236	1176	[35, 56]
237	1176	[9, 53]
238	1194	[4]
239	1194	[4]
240	1200	[12, 117]
241	1200	[13]
242	1200	[13]
243	1200	[13, 116]
244	1206	[7, 77]
245	1206	[7, 78]
246	1248	[20, 57]
247	1248	[20, 58]
248	1266	[4]
249	1266	[4]

250	1296	[81, 127]
251	1296	[81, 126]
252	1296	[28, 79]
253	1296	[28, 80]
254	1296	[80]
255	1296	[79]
256	1296	[12, 123]
257	1296	[82, 125]
258	1296	[82, 124]
259	1296	[13, 122]
260	1302	[10, 37]
261	1302	[11, 37]
262	1302	[10, 38]
263	1302	[11, 38]
264	1314	[7, 83]
265	1314	[7, 84]
266	1320	[2]
267	1320	[2]
268	1320	[2]
269	1320	[2]
270	1320	[2, 130]
271	1338	[4]
272	1338	[4]
273	1344	[33]
274	1344	[33]
275	1344	[39, 63, 133]
276	1344	[39, 64, 134]
277	1350	[14, 85]
278	1350	[14, 86]
279	1368	[16, 65]
280	1368	[17, 65, 87]
281	1368	[16, 66]
282	1368	[17, 66, 88]
283	1374	[4]
284	1374	[4]
285	1422	[7, 89]
286	1422	[7, 90]
287	1440	[8, 68, 142]

288	1440	[9, 67]
289	1440	[142]
290	1440	[142]
291	1440	[140]
292	1440	[141]
293	1446	[4]
294	1446	[4]
295	1458	[92]
296	1458	[91, 92]
297	1458	[91]
298	1458	[91, 93, 94, 95]
299	1458	[91]
300	1458	[95]
301	1464	[8, 69]
302	1464	[8, 70]
303	1482	[18, 22]
304	1482	[19, 22]
305	1482	[18, 23]
306	1482	[19, 23]
307	1488	[13, 147]
308	1488	[13, 148]
309	1500	[6]
310	1512	[3]
311	1512	[3]
312	1512	[41, 72, 101]
313	1512	[41, 71, 100]
314	1512	[42, 71, 98]
315	1512	[42, 72, 99]
316	1512	[3, 96]
317	1512	[3, 97]
318	1536	[73, 155]
319	1536	[73, 154]
320	1536	[73, 153]
321	1536	[73, 156]
322	1536	[73, 157]
323	1536	[154]
324	1536	[154]
325	1536	[74]

326	1536	[75, 160]
327	1536	[75, 158]
328	1536	[75, 159]
329	1536	[158]
330	1536	[158]
331	1536	[76]
332	1554	[10, 43]
333	1554	[11, 43]
334	1554	[10, 44]
335	1554	[11, 44]
336	1608	[8, 77]
337	1608	[8, 78]
338	1626	[4]
339	1626	[4]
340	1638	[25, 45, 104]
341	1638	[25, 46, 106]
342	1638	[26, 45, 103]
343	1638	[26, 46, 105]
344	1662	[4]
345	1662	[4]
346	1674	[14, 107]
347	1674	[14, 108]
348	1698	[4]
349	1698	[4]
350	1728	[82, 109, 169]
351	1728	[81, 113, 170]
352	1728	[81, 112, 171]
353	1728	[82, 110, 171]
354	1728	[40, 79]
355	1728	[40, 80]
356	1728	[111, 171]
357	1734	[4]
358	1734	[5]
359	1746	[7, 114]
360	1746	[7, 115]
361	1752	[8, 83]
362	1752	[8, 84]
363	1776	[13, 176]

364	1776	[13, 177]
365	1800	[16, 85]
366	1800	[17, 85, 116]
367	1800	[17, 86]
368	1800	[16, 86, 117]
369	1806	[10, 49]
370	1806	[10, 48]
371	1806	[11, 49]
372	1806	[11, 48]
373	1824	[20, 87]
374	1824	[20, 88]
375	1842	[4]
376	1842	[4]
377	1854	[7, 118]
378	1854	[7, 119]
379	1872	[28, 182]
380	1872	[28, 184]
381	1872	[27, 120, 183]
382	1872	[27, 121, 185]
383	1878	[4]
384	1878	[4]
385	1896	[8, 89]
386	1896	[8, 90]
387	1920	[24]
388	1944	[17, 122]
389	1944	[16, 123]
390	1944	[93, 124]
391	1944	[95, 124]
392	1944	[91, 124, 125]
393	1944	[94, 124]
394	1944	[92, 125]
395	1944	[94, 126]
396	1944	[91, 126, 127]
397	1944	[93, 126]
398	1944	[95, 126]
399	1944	[92, 127]
400	1950	[18, 29]
401	1950	[19, 29]

402	1962	[7, 128]
403	1962	[7, 129]
404	1980	[3, 130]
405	1986	[4]
406	1986	[4]
407	1998	[14, 132]
408	1998	[14, 131]
409	2016	[52, 98]
410	2016	[52, 99]
411	2016	[51, 101, 134]
412	2016	[50, 99, 101]
413	2016	[51, 100, 133]
414	2016	[50, 98, 100]
415	2016	[6, 102]
416	2016	[135, 196]
417	2016	[135, 197]
418	2016	[136, 198]
419	2016	[136, 199]
420	2016	[137, 200]
421	2016	[137, 201]
422	2022	[4]
423	2022	[4]
424	2058	[54, 55]
425	2058	[54, 56]
426	2058	[54]
427	2058	[55]
428	2058	[56]
429	2058	[53]
430	2064	[13, 208]
431	2064	[13, 209]
432	2094	[4]
433	2094	[4]
434	2106	[31, 138]
435	2106	[32, 138]
436	2106	[31, 139]
437	2106	[32, 139]
438	2160	[143, 144, 212]
439	2160	[140]

440	2160	[5, 140]
441	2160	[140]
442	2160	[140]
443	2160	[4, 140]
444	2160	[4, 141]
445	2160	[141]
446	2160	[5, 141]
447	2160	[141]
448	2160	[141]
449	2166	[22]
450	2166	[22, 23]
451	2166	[23]
452	2166	[5]
453	2178	[7, 145]
454	2178	[7, 146]
455	2184	[2]
456	2184	[2]
457	2184	[2]
458	2184	[2]
459	2184	[2]
460	2184	[34, 57, 104]
461	2184	[34, 58, 106]
462	2184	[35, 57, 103]
463	2184	[35, 58, 105]
464	2184	[2, 215]
465	2184	[2, 216]
466	2184	[2, 217]
467	2184	[2, 218]
468	2202	[4]
469	2202	[4]
470	2232	[16, 107]
471	2232	[17, 107, 147]
472	2232	[16, 108]
473	2232	[17, 108, 148]
474	2238	[4]
475	2238	[4]
476	2250	[85, 149]
477	2250	[86, 150]

478	2274	[4]
479	2274	[4]
480	2286	[7, 151]
481	2286	[7, 152]
482	2304	[109, 155, 227]
483	2304	[109, 157]
484	2304	[109, 153]
485	2304	[109, 156]
486	2304	[109, 154]
487	2304	[109, 110, 228]
488	2304	[110, 229]
489	2304	[112, 228]
490	2304	[111, 228]
491	2304	[111, 229]
492	2304	[112, 113, 229]
493	2304	[113, 159, 231]
494	2304	[113, 160]
495	2304	[113, 158]
496	2322	[14, 161]
497	2322	[14, 162]
498	2328	[8, 115]
499	2328	[8, 114]
500	2352	[12, 237]
501	2352	[64, 234]
502	2352	[63, 64, 235]
503	2352	[63, 236]
504	2382	[4]
505	2382	[4]
506	2394	[25, 65, 164]
507	2394	[25, 66, 166]
508	2394	[26, 65, 163]
509	2394	[26, 66, 165]
510	2400	[20, 116]
511	2400	[21, 117]
512	2418	[18, 37]
513	2418	[19, 37]
514	2418	[18, 38]
515	2418	[19, 38]

516	2448	[1]
517	2448	[1]
518	2448	[1]
519	2448	[1]
520	2448	[1]
521	2448	[1]
522	2454	[4]
523	2454	[4]
524	2472	[8, 118]
525	2472	[8, 119]
526	2496	[39, 120, 246]
527	2496	[39, 121, 247]

Group : $C_2 * C_4$

Searching up to index : 500

How many normal groups are found : 688

Total Time (in s) in GAP: 45.9

Number	Index	Supergroups
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7	4	[2]
8	6	[4]
9	8	[5]
10	8	[5, 6, 7]
11	8	[5]
12	10	[4]
13	12	[5, 8]
14	14	[4]
15	16	[9]
16	16	[9, 10, 11]
17	16	[9]

18	18	[8]
19	20	[7]
20	20	[7]
21	20	[5, 12]
22	22	[4]
23	24	[8]
24	24	[9, 13]
25	24	[10, 13]
26	24	[11, 13]
27	26	[4]
28	28	[5, 14]
29	30	[8, 12]
30	32	[16]
31	32	[16]
32	32	[15]
33	32	[15, 16, 17]
34	32	[15]
35	34	[4]
36	36	[7]
37	36	[13, 18]
38	38	[4]
39	40	[9, 21]
40	40	[10, 21]
41	40	[10, 19]
42	40	[10, 20]
43	40	[11, 21]
44	42	[8, 14]
45	44	[5, 22]
46	46	[4]
47	48	[13, 23]
48	48	[15, 24]
49	48	[16, 24, 25, 26]
50	48	[17, 24]
51	50	[12]
52	52	[5, 27]
53	52	[7]
54	52	[7]
55	54	[18]

56	56	[9, 28]
57	56	[10, 28]
58	56	[11, 28]
59	58	[4]
60	60	[13, 21, 29]
61	62	[4]
62	64	[30]
63	64	[30]
64	64	[32]
65	64	[32, 33, 34]
66	64	[32]
67	64	[30, 31, 33]
68	64	[33]
69	66	[8, 22]
70	68	[5, 35]
71	68	[7]
72	68	[7]
73	70	[12, 14]
74	72	[11]
75	72	[24, 37]
76	72	[25, 37]
77	72	[10, 36]
78	72	[26, 37]
79	72	[18, 23]
80	74	[4]
81	76	[5, 38]
82	78	[8, 27]
83	80	[15, 39]
84	80	[16, 39, 40, 43]
85	80	[17, 39]
86	80	[16, 41]
87	80	[16, 42]
88	82	[4]
89	84	[13, 28, 44]
90	86	[4]
91	88	[10, 45]
92	88	[9, 45]
93	88	[11, 45]

94	90	[18, 29]
95	92	[5, 46]
96	94	[4]
97	96	[32, 48]
98	96	[33, 48, 49, 50]
99	96	[34, 48]
100	96	[31, 49]
101	96	[30, 49]
102	96	[24, 47]
103	96	[25, 47]
104	96	[26, 47]
105	98	[14]
106	100	[21, 51]
107	100	[19]
108	100	[19, 20]
109	100	[20]
110	102	[8, 35]
111	104	[10, 52]
112	104	[9, 52]
113	104	[11, 52]
114	104	[10, 53]
115	104	[10, 54]
116	106	[4]
117	108	[37, 55]
118	108	[36]
119	110	[12, 22]
120	112	[15, 56]
121	112	[16, 56, 57, 58]
122	112	[17, 56]
123	114	[8, 38]
124	116	[5, 59]
125	116	[7]
126	116	[7]
127	118	[4]
128	120	[4]
129	120	[2]
130	120	[25, 41]
131	120	[25, 42]

132	120	[23, 29]
133	120	[24, 39, 60]
134	120	[25, 40, 60]
135	120	[26, 43, 60]
136	122	[4]
137	124	[5, 61]
138	126	[18, 44]
139	128	[64]
140	128	[64, 65, 66]
141	128	[64]
142	128	[65, 67, 68]
143	128	[65]
144	128	[67]
145	128	[62, 63, 67]
146	128	[63]
147	128	[63]
148	128	[62]
149	128	[62]
150	130	[12, 27]
151	132	[13, 45, 69]
152	134	[4]
153	136	[9, 70]
154	136	[10, 70]
155	136	[10, 72]
156	136	[10, 71]
157	136	[11, 70]
158	138	[8, 46]
159	140	[21, 28, 73]
160	142	[4]
161	144	[48, 75]
162	144	[49, 75, 76, 78]
163	144	[16, 77]
164	144	[16, 74]
165	144	[50, 75]
166	144	[17]
167	144	[17]
168	144	[37, 47, 79]
169	146	[4]

170	148	[5, 80]
171	148	[7]
172	148	[7]
173	150	[29, 51]
174	152	[10, 81]
175	152	[9, 81]
176	152	[11, 81]
177	154	[14, 22]
178	156	[13, 52, 82]
179	158	[4]
180	160	[32, 83]
181	160	[33, 83, 84, 85]
182	160	[34, 83]
183	160	[31, 84]
184	160	[30, 84]
185	160	[12]
186	160	[33, 86]
187	160	[30, 86]
188	160	[31, 86]
189	160	[30, 87]
190	160	[33, 87]
191	160	[31, 87]
192	162	[55]
193	164	[5, 88]
194	164	[7]
195	164	[7]
196	166	[4]
197	168	[1]
198	168	[23, 44]
199	168	[24, 56, 89]
200	168	[25, 57, 89]
201	168	[26, 58, 89]
202	170	[12, 35]
203	172	[5, 90]
204	174	[8, 59]
205	176	[15, 92]
206	176	[16, 91, 92, 93]
207	176	[17, 92]

208	178	[4]
209	180	[37, 60, 94]
210	180	[19, 36]
211	180	[20, 36]
212	182	[14, 27]
213	184	[10, 95]
214	184	[9, 95]
215	184	[11, 95]
216	186	[8, 61]
217	188	[5, 96]
218	190	[12, 38]
219	192	[47]
220	192	[64, 97]
221	192	[65, 97, 98, 99]
222	192	[66, 97]
223	192	[67, 98, 100, 101]
224	192	[68, 98]
225	192	[48, 102]
226	192	[62, 101]
227	192	[63, 101]
228	192	[49, 102, 103, 104]
229	192	[50, 102]
230	192	[103]
231	192	[103]
232	192	[104]
233	192	[104]
234	194	[4]
235	196	[28, 105]
236	196	[7]
237	198	[18, 69]
238	200	[39, 106]
239	200	[40, 41]
240	200	[40, 106]
241	200	[40, 42]
242	200	[41, 107]
243	200	[41, 42, 108]
244	200	[42, 109]
245	200	[43, 106]

246	200	[11]
247	202	[4]
248	204	[13, 70, 110]
249	206	[4]
250	208	[15, 112]
251	208	[16, 111, 112, 113]
252	208	[17, 112]
253	208	[16, 114]
254	208	[16, 115]
255	210	[29, 44, 73]
256	212	[5, 116]
257	212	[7]
258	212	[7]
259	214	[4]
260	216	[75, 117]
261	216	[76, 117]
262	216	[25, 77]
263	216	[77, 118]
264	216	[78, 117]
265	216	[26, 74]
266	216	[74]
267	216	[55, 79]
268	218	[4]
269	220	[21, 45, 119]
270	222	[8, 80]
271	224	[32, 120]
272	224	[33, 120, 121, 122]
273	224	[34, 120]
274	224	[31, 121]
275	224	[30, 121]
276	226	[4]
277	228	[13, 81, 123]
278	230	[12, 46]
279	232	[10, 124]
280	232	[9, 124]
281	232	[11, 124]
282	232	[10, 125]
283	232	[10, 126]

284	234	[18, 82]
285	236	[5, 127]
286	238	[14, 35]
287	240	[47, 60, 132]
288	240	[49, 86, 130]
289	240	[49, 87, 131]
290	240	[48, 83, 133]
291	240	[49, 84, 133, 134, 135]
292	240	[50, 85, 133]
293	240	[5, 128]
294	240	[6, 129]
295	240	[5, 129]
296	240	[7, 129]
297	242	[22]
298	244	[5, 136]
299	244	[7]
300	244	[7]
301	246	[8, 88]
302	248	[10, 137]
303	248	[9, 137]
304	248	[11, 137]
305	250	[51]
306	252	[37, 89, 138]
307	254	[4]
308	256	[139]
309	256	[139, 140, 141]
310	256	[139]
311	256	[140, 142, 143]
312	256	[140]
313	256	[142]
314	256	[142, 144, 145]
315	256	[145, 146, 147]
316	256	[145]
317	256	[145, 148, 149]
318	256	[145]
319	256	[145]
320	256	[145]
321	256	[147]

322	256	[147]
323	256	[148]
324	256	[148]
325	256	[149]
326	256	[149]
327	258	[8, 90]
328	260	[21, 52, 150]
329	260	[19, 53]
330	260	[20, 53]
331	260	[19, 54]
332	260	[20, 54]
333	262	[4]
334	264	[23, 69]
335	264	[24, 92, 151]
336	264	[25, 91, 151]
337	264	[26, 93, 151]
338	266	[14, 38]
339	268	[5, 152]
340	270	[55, 94]
341	272	[15, 153]
342	272	[16, 155]
343	272	[16, 156]
344	272	[16, 153, 154, 157]
345	272	[17, 153]
346	274	[4]
347	276	[13, 95, 158]
348	278	[4]
349	280	[41, 57]
350	280	[42, 57]
351	280	[39, 56, 159]
352	280	[40, 57, 159]
353	280	[43, 58, 159]
354	282	[8, 96]
355	284	[5, 160]
356	286	[22, 27]
357	288	[97, 161]
358	288	[98, 161, 162, 165]
359	288	[99, 161]

360	288	[100, 162]
361	288	[101, 162]
362	288	[75, 102, 168]
363	288	[76, 103, 168]
364	288	[78, 104, 168]
365	288	[33, 163]
366	288	[30, 163]
367	288	[31, 163]
368	288	[33, 164]
369	288	[30, 164]
370	288	[31, 164]
371	288	[33, 166]
372	288	[33, 167]
373	290	[12, 59]
374	292	[5, 169]
375	292	[7]
376	292	[7]
377	294	[44, 105]
378	296	[10, 170]
379	296	[9, 170]
380	296	[11, 170]
381	296	[10, 171]
382	296	[10, 172]
383	298	[4]
384	300	[60, 106, 173]
385	302	[4]
386	304	[15, 175]
387	304	[16, 174, 175, 176]
388	304	[17, 175]
389	306	[18, 110]
390	308	[28, 45, 177]
391	310	[12, 61]
392	312	[23, 82]
393	312	[24, 112, 178]
394	312	[25, 111, 178]
395	312	[26, 113, 178]
396	312	[25, 114]
397	312	[25, 115]

398	314	[4]
399	316	[5, 179]
400	318	[8, 116]
401	320	[64, 180]
402	320	[65, 180, 181, 182]
403	320	[66, 180]
404	320	[67, 181, 183, 184]
405	320	[68, 181]
406	320	[62, 184]
407	320	[63, 184]
408	320	[21, 185]
409	320	[185]
410	320	[185]
411	320	[67, 186, 187, 188]
412	320	[65, 186]
413	320	[68, 186]
414	320	[62, 187]
415	320	[63, 187]
416	320	[19]
417	320	[63, 189]
418	320	[62, 189]
419	320	[67, 189, 190, 191]
420	320	[65, 190]
421	320	[68, 190]
422	320	[20]
423	322	[14, 46]
424	324	[117, 192]
425	324	[36]
426	326	[4]
427	328	[9, 193]
428	328	[10, 194]
429	328	[10, 193]
430	328	[10, 195]
431	328	[11, 193]
432	330	[29, 69, 119]
433	332	[5, 196]
434	334	[4]
435	336	[3]

436	336	[3]
437	336	[3]
438	336	[47, 89, 198]
439	336	[48, 120, 199]
440	336	[49, 121, 199, 200, 201]
441	336	[50, 122, 199]
442	336	[2, 197]
443	336	[4, 197]
444	336	[3, 197]
445	338	[27]
446	340	[21, 70, 202]
447	340	[19, 71]
448	340	[20, 71]
449	340	[19, 72]
450	340	[20, 72]
451	342	[18, 123]
452	344	[10, 203]
453	344	[9, 203]
454	344	[11, 203]
455	346	[4]
456	348	[13, 124, 204]
457	350	[51, 73]
458	352	[30, 206]
459	352	[31, 206]
460	352	[32, 205]
461	352	[33, 205, 206, 207]
462	352	[34, 205]
463	354	[8, 127]
464	356	[5, 208]
465	356	[7]
466	356	[7]
467	358	[4]
468	360	[1]
469	360	[76, 130]
470	360	[76, 131]
471	360	[40, 77]
472	360	[75, 133, 209]
473	360	[76, 134, 209]

474	360	[41, 77, 210]
475	360	[42, 77, 211]
476	360	[78, 135, 209]
477	360	[43, 74]
478	360	[79, 94, 132]
479	360	[8, 128]
480	362	[4]
481	364	[28, 52, 212]
482	366	[8, 136]
483	368	[15, 214]
484	368	[16, 213, 214, 215]
485	368	[17, 214]
486	370	[12, 80]
487	372	[13, 137, 216]
488	374	[22, 35]
489	376	[10, 217]
490	376	[9, 217]
491	376	[11, 217]
492	378	[55, 138]
493	380	[21, 81, 218]
494	382	[4]
495	384	[219]
496	384	[139, 220]
497	384	[140, 220, 221, 222]
498	384	[141, 220]
499	384	[142, 221, 223, 224]
500	384	[143, 221]
501	384	[97, 225]
502	384	[144, 223]
503	384	[145, 223, 226, 227]
504	384	[98, 225, 228, 229]
505	384	[99, 225]
506	384	[100, 228]
507	384	[149, 226]
508	384	[148, 226]
509	384	[147, 227]
510	384	[146, 227]
511	384	[101, 228]

512	384	[228, 230, 231]
513	384	[228, 232, 233]
514	384	[228]
515	384	[228]
516	384	[102, 219]
517	384	[103, 219]
518	384	[104]
519	384	[104, 219]
520	384	[104]
521	384	[219]
522	384	[219]
523	384	[219]
524	386	[4]
525	388	[5, 234]
526	388	[7]
527	388	[7]
528	390	[29, 82, 150]
529	392	[56, 235]
530	392	[57, 235]
531	392	[10, 236]
532	392	[58, 235]
533	392	[11]
534	394	[4]
535	396	[37, 151, 237]
536	398	[4]
537	400	[83, 238]
538	400	[84, 86, 239]
539	400	[86, 87, 243]
540	400	[86, 242]
541	400	[84, 87, 241]
542	400	[84, 238, 240, 245]
543	400	[87, 244]
544	400	[16, 246]
545	400	[85, 238]
546	402	[8, 152]
547	404	[5, 247]
548	404	[7]
549	404	[7]

550	406	[14, 59]
551	408	[23, 110]
552	408	[24, 153, 248]
553	408	[25, 154, 248]
554	408	[26, 157, 248]
555	408	[25, 156]
556	408	[25, 155]
557	410	[12, 88]
558	412	[5, 249]
559	414	[18, 158]
560	416	[30, 251]
561	416	[31, 251]
562	416	[32, 250]
563	416	[33, 250, 251, 252]
564	416	[34, 250]
565	416	[33, 253]
566	416	[30, 253]
567	416	[31, 253]
568	416	[33, 254]
569	416	[30, 254]
570	416	[31, 254]
571	418	[22, 38]
572	420	[60, 89, 159, 255]
573	422	[4]
574	424	[10, 256]
575	424	[9, 256]
576	424	[11, 256]
577	424	[10, 257]
578	424	[10, 258]
579	426	[8, 160]
580	428	[5, 259]
581	430	[12, 90]
582	432	[161, 260]
583	432	[162, 260, 261, 264]
584	432	[49, 163, 262]
585	432	[49, 164, 265]
586	432	[163, 263]
587	432	[164, 266]

588	432	[165, 260]
589	432	[50, 166]
590	432	[50, 167]
591	432	[166]
592	432	[167]
593	432	[117, 168, 267]
594	434	[14, 61]
595	436	[5, 268]
596	436	[7]
597	436	[7]
598	438	[8, 169]
599	440	[41, 91]
600	440	[42, 91]
601	440	[39, 92, 269]
602	440	[40, 91, 269]
603	440	[43, 93, 269]
604	442	[27, 35]
605	444	[13, 170, 270]
606	446	[4]
607	448	[64, 271]
608	448	[65, 271, 272, 273]
609	448	[66, 271]
610	448	[67, 272, 274, 275]
611	448	[68, 272]
612	448	[62, 275]
613	448	[63, 275]
614	450	[94, 173]
615	452	[5, 276]
616	452	[7]
617	452	[7]
618	454	[4]
619	456	[23, 123]
620	456	[24, 175, 277]
621	456	[25, 174, 277]
622	456	[26, 176, 277]
623	458	[4]
624	460	[21, 95, 278]
625	462	[44, 69, 177]

626	464	[15, 280]
627	464	[16, 279, 280, 281]
628	464	[17, 280]
629	464	[16, 282]
630	464	[16, 283]
631	466	[4]
632	468	[37, 178, 284]
633	468	[36, 53]
634	468	[36, 54]
635	470	[12, 96]
636	472	[10, 285]
637	472	[9, 285]
638	472	[11, 285]
639	474	[8, 179]
640	476	[28, 70, 286]
641	478	[4]
642	480	[103, 130]
643	480	[103, 131]
644	480	[97, 180, 290]
645	480	[98, 181, 290, 291, 292]
646	480	[99, 182, 290]
647	480	[100, 183, 291]
648	480	[101, 184, 291]
649	480	[102, 133, 287]
650	480	[103, 134, 287]
651	480	[104, 135, 287]
652	480	[29, 185]
653	480	[98, 186, 288]
654	480	[98, 190, 289]
655	480	[100, 188, 288]
656	480	[100, 191, 289]
657	480	[101, 187, 288]
658	480	[101, 189, 289]
659	480	[10, 293]
660	480	[9, 293]
661	480	[11, 293]
662	480	[10, 294, 295, 296]
663	480	[11, 295]

664	480	[9, 295]
665	480	[296]
666	480	[296]
667	482	[4]
668	484	[45, 297]
669	484	[7]
670	486	[192]
671	488	[10, 298]
672	488	[9, 298]
673	488	[11, 298]
674	488	[10, 299]
675	488	[10, 300]
676	490	[73, 105]
677	492	[13, 193, 301]
678	494	[27, 38]
679	496	[15, 303]
680	496	[16, 302, 303, 304]
681	496	[17, 303]
682	498	[8, 196]
683	500	[106, 305]
684	500	[107, 108]
685	500	[107]
686	500	[108, 109]
687	500	[108]
688	500	[109]

Group : $C_2 * C_5$

Searching up to index : 2000

How many normal groups are found : 205

Total Time (in s) in GAP: 64.0

Number	Index	Supergroups
1	1	[ ]
2	2	[1]
3	5	[1]
4	10	[2]

5	10	[2, 3]
6	50	[4, 5]
7	60	[1]
8	60	[1]
9	80	[3]
10	110	[5]
11	110	[5]
12	110	[5]
13	110	[5]
14	120	[2]
15	120	[2]
16	120	[2, 7]
17	120	[2, 8]
18	160	[5, 9]
19	160	[4]
20	160	[9]
21	160	[9]
22	240	[16]
23	240	[17]
24	240	[14]
25	240	[15]
26	250	[6]
27	300	[3, 7]
28	300	[3, 8]
29	310	[5]
30	310	[5]
31	310	[5]
32	310	[5]
33	320	[18]
34	320	[18]
35	320	[18, 20, 21]
36	320	[19]
37	320	[19]
38	320	[19]
39	360	[1]
40	360	[1]
41	410	[5]
42	410	[5]

43	410	[5]
44	410	[5]
45	550	[6, 10]
46	550	[6, 11]
47	550	[6, 12]
48	550	[6, 13]
49	600	[4, 16]
50	600	[5, 16, 27]
51	600	[4, 17]
52	600	[5, 17, 28]
53	600	[5, 14]
54	600	[4, 14]
55	600	[5, 15]
56	600	[4, 15]
57	610	[5]
58	610	[5]
59	610	[5]
60	610	[5]
61	640	[33, 34, 35]
62	640	[36, 37, 38]
63	660	[1]
64	660	[1]
65	660	[1]
66	660	[1]
67	660	[1]
68	660	[1]
69	710	[5]
70	710	[5]
71	710	[5]
72	710	[5]
73	720	[2]
74	720	[2]
75	720	[2, 39]
76	720	[2]
77	720	[2]
78	720	[2, 40]
79	800	[6, 18]
80	800	[6, 19]

81	810	[4]
82	810	[5]
83	960	[7]
84	960	[8]
85	960	[8]
86	960	[7]
87	960	[8]
88	960	[7]
89	1010	[5]
90	1010	[5]
91	1010	[5]
92	1010	[5]
93	1080	[39]
94	1080	[40]
95	1200	[22, 50]
96	1200	[22, 49]
97	1200	[23, 52]
98	1200	[23, 51]
99	1200	[24, 53]
100	1200	[24, 54]
101	1200	[25, 55]
102	1200	[25, 56]
103	1210	[4]
104	1210	[4]
105	1210	[11, 13]
106	1210	[11]
107	1210	[10, 11]
108	1210	[11, 12]
109	1210	[10, 12]
110	1210	[12]
111	1210	[12, 13]
112	1210	[13]
113	1210	[10, 13]
114	1210	[10]
115	1250	[26]
116	1250	[26]
117	1280	[9]
118	1310	[5]

119	1310	[5]
120	1310	[5]
121	1310	[5]
122	1320	[2]
123	1320	[2]
124	1320	[2]
125	1320	[2]
126	1320	[2]
127	1320	[2]
128	1320	[2]
129	1320	[2]
130	1320	[2, 63]
131	1320	[2, 64]
132	1320	[2, 65]
133	1320	[2, 66]
134	1320	[2, 67]
135	1320	[2, 68]
136	1440	[75]
137	1440	[78]
138	1440	[73]
139	1440	[74]
140	1440	[76]
141	1440	[77]
142	1510	[5]
143	1510	[5]
144	1510	[5]
145	1510	[5]
146	1550	[6, 29]
147	1550	[6, 30]
148	1550	[6, 31]
149	1550	[6, 32]
150	1600	[35, 79]
151	1600	[33, 79]
152	1600	[34, 79]
153	1600	[36, 80]
154	1600	[37, 80]
155	1600	[38, 80]
156	1760	[10, 18]

157	1760	[11, 18]
158	1760	[12, 18]
159	1760	[13, 18]
160	1800	[3, 39]
161	1800	[3, 40]
162	1810	[5]
163	1810	[5]
164	1810	[5]
165	1810	[5]
166	1910	[5]
167	1910	[5]
168	1910	[5]
169	1910	[5]
170	1920	[14]
171	1920	[14]
172	1920	[15]
173	1920	[15]
174	1920	[14]
175	1920	[15]
176	1920	[14]
177	1920	[14]
178	1920	[14]
179	1920	[15]
180	1920	[15]
181	1920	[14]
182	1920	[15]
183	1920	[15]
184	1920	[16, 88]
185	1920	[16, 83]
186	1920	[16, 86]
187	1920	[17, 84]
188	1920	[17, 85]
189	1920	[17, 87]
190	1920	[16]
191	1920	[83]
192	1920	[83]
193	1920	[86]
194	1920	[86]

195	1920	[88]
196	1920	[88]
197	1920	[17]
198	1920	[87]
199	1920	[87]
200	1920	[84]
201	1920	[84]
202	1920	[85]
203	1920	[85]
204	1920	[14]
205	1920	[15]

Group : $C_2 * C_6$
Searching up to index : 500
How many normal groups are found : 862
Total Time (in s) in GAP: 58.8

Number	Index	Supergroups
1	1	[ ]
2	2	[1]
3	2	[1]
4	2	[1]
5	3	[1]
6	4	[2, 3, 4]
7	6	[2, 5]
8	6	[4]
9	6	[3, 5]
10	6	[4, 5]
11	6	[3]
12	8	[6]
13	10	[4]
14	12	[6, 8]
15	12	[5]
16	12	[6, 11]
17	12	[6, 7, 9, 10]
18	14	[4]

19	16	[12]
20	18	[9, 11]
21	18	[8, 10]
22	18	[8]
23	20	[6, 13]
24	22	[4]
25	24	[9, 15]
26	24	[10, 15]
27	24	[11]
28	24	[7, 15]
29	24	[12, 17]
30	24	[12, 14]
31	24	[12, 16]
32	26	[4]
33	28	[6, 18]
34	30	[8, 13]
35	30	[10, 13]
36	32	[19]
37	34	[4]
38	36	[14, 16]
39	36	[14, 17, 21]
40	36	[14, 22]
41	36	[16, 17, 20]
42	38	[4]
43	40	[12, 23]
44	42	[10]
45	42	[9]
46	42	[9]
47	42	[10]
48	42	[8, 18]
49	42	[10, 18]
50	44	[6, 24]
51	46	[4]
52	48	[16, 27]
53	48	[27]
54	48	[27]
55	48	[19, 29]
56	48	[17, 25, 26, 28]

57	48	[25]
58	48	[25]
59	48	[19, 30]
60	48	[19, 31]
61	50	[13]
62	52	[6, 32]
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65	54	[21, 22]
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69	56	[12, 33]
70	58	[4]
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73	60	[16, 23]
74	60	[14, 23, 34]
75	62	[4]
76	64	[36]
77	66	[10, 24]
78	66	[8, 24]
79	68	[6, 37]
80	70	[13, 18]
81	72	[12]
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83	72	[30, 40]
84	72	[30, 31, 38]
85	72	[29, 31, 41]
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87	72	[20, 25]
88	72	[20, 27]
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91	78	[8, 32]
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93	78	[9]
94	78	[10]

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96	78	[10]
97	80	[19, 43]
98	82	[4]
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100	84	[16, 33]
101	84	[14, 33, 48]
102	84	[17, 44]
103	84	[17, 45]
104	84	[17, 46]
105	84	[17, 47]
106	86	[4]
107	88	[12, 50]
108	90	[21, 34, 35]
109	90	[22, 34]
110	92	[6, 51]
111	94	[4]
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113	96	[36, 55]
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123	96	[52, 53, 54]
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127	102	[10, 37]
128	102	[8, 37]
129	104	[12, 62]
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132	108	[39, 64]

133	108	[39, 40, 65]
134	108	[39, 66]
135	108	[39, 67]
136	108	[38, 40]
137	108	[40, 68]
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139	108	[41, 63]
140	110	[13, 24]
141	112	[19, 69]
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147	114	[10, 42]
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153	120	[26, 35]
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155	120	[30, 43, 74]
156	120	[31, 43, 73]
157	120	[2, 71]
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159	120	[4, 71]
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162	126	[21, 48, 49]
163	126	[22, 48]
164	126	[21, 44]
165	126	[20, 45]
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167	126	[21, 47]
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169	130	[13, 32]
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172	132	[14, 50, 78]
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174	136	[12, 79]
175	138	[10, 51]
176	138	[8, 51]
177	140	[23, 33, 80]
178	142	[4]
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180	144	[41, 56, 87]
181	144	[55, 59, 82]
182	144	[59, 83]
183	144	[59, 60, 84]
184	144	[55, 60, 85]
185	144	[19, 81]
186	144	[41, 52, 88]
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188	144	[58, 87]
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204	156	[17, 94]
205	156	[17, 62, 95]
206	156	[17, 93]
207	156	[17, 92]
208	158	[4]

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212	162	[64, 65, 66, 67]
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227	168	[31, 69, 100]
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235	168	[26, 47]
236	170	[13, 37]
237	172	[6, 106]
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239	174	[8, 70]
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243	180	[39, 72, 74, 108]
244	180	[40, 74, 109]
245	180	[38, 73, 74]
246	180	[5, 71]

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253	186	[10, 75]
254	186	[10]
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262	192	[114, 115, 116]
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283	198	[22, 78]
284	200	[43, 126]

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288	204	[14, 79, 128]
289	206	[4]
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334	228	[17, 146]
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342	234	[21, 96]
343	236	[6, 149]
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348	240	[55, 97, 154]
349	240	[60, 97, 156]
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357	240	[6, 152]
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389	264	[31, 107, 171]
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393	270	[64, 108]
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396	270	[68, 109]
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401	276	[14, 110, 176]
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405	282	[8, 111]
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412	288	[85, 121, 186]
413	288	[115, 180]
414	288	[116, 180, 187, 188]
415	288	[123, 186, 189, 190]
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418	288	[87, 88]
419	288	[88, 124]
420	288	[113, 119, 181]
421	288	[82, 114, 179]
422	288	[115, 179]
423	288	[116, 179]
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425	288	[119, 182]
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459	312	[26, 95]
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462	312	[31, 129, 202]
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474	318	[8, 130]

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484	324	[133, 213]
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686	408	[31, 174, 287]
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797	470	[13, 111]
798	472	[12, 343]
799	474	[8, 208]
800	474	[9]
801	474	[9]
802	474	[10, 208]
803	474	[10]
804	474	[10]
805	476	[33, 79, 344]
806	478	[4]
807	480	[119, 209, 347]
808	480	[113, 209, 348]
809	480	[114, 154, 345]
810	480	[116, 345]
811	480	[115, 345]
812	480	[118, 153]
813	480	[35]
814	480	[35]
815	480	[121, 156, 346]
816	480	[123, 346]

817	480	[12, 350]
818	480	[350]
819	480	[350, 351, 352]
820	480	[120, 209, 349]
821	480	[122, 346]
822	480	[12, 353]
823	480	[353]
824	480	[353, 354, 355]
825	480	[12, 356]
826	480	[356]
827	480	[356]
828	480	[357]
829	480	[357]
830	480	[12, 357]
831	482	[4]
832	484	[50, 358]
833	486	[210]
834	486	[210, 211]
835	486	[211]
836	486	[211]
837	486	[211]
838	486	[212]
839	486	[212, 213, 214, 215]
840	486	[212]
841	486	[212, 217, 218, 219]
842	486	[212, 216]
843	486	[214, 220]
844	486	[214]
845	486	[214]
846	486	[216, 218]
847	486	[216, 219]
848	486	[216, 217]
849	486	[219]
850	486	[219]
851	486	[219]
852	486	[220]
853	488	[12, 359]
854	490	[80, 125]

855	492	[17, 221, 360]
856	492	[16, 221]
857	492	[14, 221, 361]
858	494	[32, 42]
859	496	[19, 362]
860	498	[10, 222]
861	498	[8, 222]
862	500	[126, 363]

Group : $C_2 * C_7$
Searching up to index : 1000
How many normal groups are found : 63
Total Time (in s) in GAP: 8.0

Number	Index	Supergroups
1	1	[ ]
2	2	[1]
3	7	[1]
4	14	[2]
5	14	[2, 3]
6	56	[3]
7	56	[3]
8	98	[4, 5]
9	112	[5, 6]
10	112	[5, 7]
11	168	[1]
12	168	[1]
13	168	[1]
14	336	[2]
15	336	[2]
16	336	[2]
17	336	[2, 11]
18	336	[2, 12]
19	336	[2, 13]
20	406	[5]
21	406	[5]

22	406	[5]
23	406	[5]
24	406	[5]
25	406	[5]
26	448	[6, 7]
27	504	[1]
28	504	[1]
29	504	[1]
30	504	[1]
31	504	[1]
32	504	[1]
33	602	[5]
34	602	[5]
35	602	[5]
36	602	[5]
37	602	[5]
38	602	[5]
39	672	[17]
40	672	[18]
41	672	[19]
42	672	[14]
43	672	[15]
44	672	[16]
45	686	[8]
46	784	[8, 9]
47	784	[8, 10]
48	896	[9, 10, 26]
49	896	[9]
50	896	[10]
51	896	[26]
52	896	[26]
53	896	[26]
54	896	[26]
55	896	[26]
56	896	[26]
57	896	[4]
58	994	[5]
59	994	[5]

60	994	[5]
61	994	[5]
62	994	[5]
63	994	[5]

Group : $C_2 * C_8$
Searching up to index : 500
How many normal groups are found : 1187
Total Time (in s) in GAP: 159.8

Number	Index	Supergroups
1	1	[ ]
2	2	[1]
3	2	[1]
4	2	[1]
5	4	[2, 3, 4]
6	4	[2]
7	4	[2]
8	6	[4]
9	8	[6]
10	8	[5]
11	8	[5, 6, 7]
12	8	[5]
13	8	[6]
14	10	[4]
15	12	[5, 8]
16	14	[4]
17	16	[10]
18	16	[10, 11, 12]
19	16	[10]
20	16	[12]
21	16	[11]
22	16	[12]
23	16	[9, 11, 13]
24	18	[8]
25	20	[7]

26	20	[7]
27	20	[5, 14]
28	22	[4]
29	24	[8]
30	24	[10, 15]
31	24	[11, 15]
32	24	[12, 15]
33	26	[4]
34	28	[5, 16]
35	30	[8, 14]
36	32	[18]
37	32	[18]
38	32	[18]
39	32	[18]
40	32	[17]
41	32	[17, 18, 19]
42	32	[17]
43	32	[18, 21, 23]
44	32	[18, 20, 22]
45	34	[4]
46	36	[7]
47	36	[15, 24]
48	38	[4]
49	40	[10, 27]
50	40	[11, 26]
51	40	[11, 25]
52	40	[11, 27]
53	40	[12, 27]
54	42	[8, 16]
55	44	[5, 28]
56	46	[4]
57	48	[15, 29]
58	48	[29]
59	48	[29]
60	48	[17, 30]
61	48	[18, 30, 31, 32]
62	48	[19, 30]
63	48	[23, 31]

64	48	[21, 31]
65	48	[22, 32]
66	48	[20, 32]
67	50	[14]
68	52	[5, 33]
69	52	[7]
70	52	[7]
71	54	[24]
72	56	[10, 34]
73	56	[11, 34]
74	56	[12, 34]
75	58	[4]
76	60	[15, 27, 35]
77	62	[4]
78	64	[36]
79	64	[36]
80	64	[36]
81	64	[40]
82	64	[40, 41, 42]
83	64	[40]
84	64	[39, 41, 43]
85	64	[36, 38, 41]
86	64	[37, 41, 44]
87	64	[41]
88	64	[41]
89	64	[41]
90	64	[38, 43, 44]
91	64	[36, 37, 43]
92	64	[37, 38, 39]
93	64	[36, 39, 44]
94	64	[36]
95	66	[8, 28]
96	68	[5, 45]
97	68	[7]
98	68	[7]
99	70	[14, 16]
100	72	[12]
101	72	[30, 47]

102	72	[31, 47]
103	72	[11, 46]
104	72	[32, 47]
105	72	[13]
106	72	[13]
107	72	[24, 29]
108	74	[4]
109	76	[5, 48]
110	78	[8, 33]
111	80	[17, 49]
112	80	[18, 49, 52, 53]
113	80	[19, 49]
114	80	[23, 52]
115	80	[21, 52]
116	80	[22, 53]
117	80	[20, 53]
118	80	[18, 50]
119	80	[18, 51]
120	80	[21, 51]
121	80	[21, 50]
122	80	[23, 50]
123	80	[23, 51]
124	82	[4]
125	84	[15, 34, 54]
126	86	[4]
127	88	[11, 55]
128	88	[10, 55]
129	88	[12, 55]
130	90	[24, 35]
131	92	[5, 56]
132	94	[4]
133	96	[40, 60]
134	96	[41, 60, 61, 62]
135	96	[42, 60]
136	96	[43, 61, 63, 64]
137	96	[38, 61]
138	96	[44, 61, 65, 66]
139	96	[36, 61]

140	96	[37, 61]
141	96	[39, 61]
142	96	[30, 57]
143	96	[31, 57]
144	96	[32, 57]
145	96	[57]
146	96	[57]
147	96	[57]
148	96	[57, 58, 59]
149	96	[29]
150	98	[16]
151	100	[27, 67]
152	100	[26]
153	100	[25, 26]
154	100	[25]
155	102	[8, 45]
156	104	[11, 68]
157	104	[10, 68]
158	104	[12, 68]
159	104	[11, 69]
160	104	[11, 70]
161	106	[4]
162	108	[47, 71]
163	108	[46]
164	110	[14, 28]
165	112	[17, 72]
166	112	[18, 72, 73, 74]
167	112	[19, 72]
168	112	[23, 73]
169	112	[21, 73]
170	112	[22, 74]
171	112	[20, 74]
172	114	[8, 48]
173	116	[5, 75]
174	116	[7]
175	116	[7]
176	118	[4]
177	120	[4]

178	120	[2]
179	120	[31, 51]
180	120	[31, 50]
181	120	[29, 35]
182	120	[30, 49, 76]
183	120	[31, 52, 76]
184	120	[32, 53, 76]
185	122	[4]
186	124	[5, 77]
187	126	[24, 54]
188	128	[81]
189	128	[81, 82, 83]
190	128	[81]
191	128	[82, 84, 89]
192	128	[82, 85, 87]
193	128	[82, 86, 88]
194	128	[82]
195	128	[82]
196	128	[82]
197	128	[84, 87, 88]
198	128	[84, 85, 86, 90, 91, 92, 93]
199	128	[85]
200	128	[85]
201	128	[78, 79, 85]
202	128	[80, 85, 94]
203	128	[85, 88, 89]
204	128	[86, 87, 89]
205	128	[90]
206	128	[90]
207	128	[78, 80, 91]
208	128	[79, 91, 94]
209	128	[79, 80, 93]
210	128	[78, 93, 94]
211	128	[80]
212	128	[80]
213	128	[80]
214	128	[80]
215	128	[78]

216	128	[78]
217	128	[78]
218	128	[78]
219	128	[79]
220	128	[79]
221	128	[79]
222	128	[79]
223	130	[14, 33]
224	132	[15, 55, 95]
225	134	[4]
226	136	[10, 96]
227	136	[11, 98]
228	136	[11, 96]
229	136	[11, 97]
230	136	[12, 96]
231	136	[13]
232	136	[13]
233	136	[13]
234	136	[13]
235	138	[8, 56]
236	140	[27, 34, 99]
237	142	[4]
238	144	[60, 101]
239	144	[61, 101, 102, 104]
240	144	[18, 103]
241	144	[18, 100]
242	144	[62, 101]
243	144	[19]
244	144	[19]
245	144	[66, 104]
246	144	[20]
247	144	[20]
248	144	[20, 100]
249	144	[64, 102]
250	144	[21, 103]
251	144	[65, 104]
252	144	[22, 100]
253	144	[63, 102]

254	144	[23, 105]
255	144	[23, 103]
256	144	[23, 106]
257	144	[47, 57, 107]
258	144	[58, 107]
259	144	[59, 107]
260	146	[4]
261	148	[5, 108]
262	148	[7]
263	148	[7]
264	150	[35, 67]
265	152	[11, 109]
266	152	[10, 109]
267	152	[12, 109]
268	154	[16, 28]
269	156	[15, 68, 110]
270	158	[4]
271	160	[40, 111]
272	160	[41, 111, 112, 113]
273	160	[42, 111]
274	160	[43, 112, 114, 115]
275	160	[38, 112]
276	160	[44, 112, 116, 117]
277	160	[36, 112]
278	160	[37, 112]
279	160	[39, 112]
280	160	[14]
281	160	[43, 119, 120, 123]
282	160	[39, 119]
283	160	[36, 119]
284	160	[44, 119]
285	160	[41, 119]
286	160	[38, 119]
287	160	[37, 119]
288	160	[43, 118, 121, 122]
289	160	[39, 118]
290	160	[36, 118]
291	160	[44, 118]

292	160	[41, 118]
293	160	[38, 118]
294	160	[37, 118]
295	162	[71]
296	164	[5, 124]
297	164	[7]
298	164	[7]
299	166	[4]
300	168	[1]
301	168	[29, 54]
302	168	[30, 72, 125]
303	168	[31, 73, 125]
304	168	[32, 74, 125]
305	170	[14, 45]
306	172	[5, 126]
307	174	[8, 75]
308	176	[23, 127]
309	176	[17, 128]
310	176	[18, 127, 128, 129]
311	176	[19, 128]
312	176	[20, 129]
313	176	[21, 127]
314	176	[22, 129]
315	178	[4]
316	180	[47, 76, 130]
317	180	[25, 46]
318	180	[26, 46]
319	182	[16, 33]
320	184	[11, 131]
321	184	[10, 131]
322	184	[12, 131]
323	186	[8, 77]
324	188	[5, 132]
325	190	[14, 48]
326	192	[57]
327	192	[81, 133]
328	192	[82, 133, 134, 135]
329	192	[83, 133]

330	192	[84, 134, 136, 141]
331	192	[85, 134, 137, 139]
332	192	[86, 134, 138, 140]
333	192	[87, 134]
334	192	[88, 134]
335	192	[89, 134]
336	192	[60, 142]
337	192	[91, 136, 139, 140]
338	192	[90, 136, 137, 138]
339	192	[92, 137, 140, 141]
340	192	[93, 138, 139, 141]
341	192	[80, 139]
342	192	[78, 139]
343	192	[79, 139]
344	192	[94, 139]
345	192	[61, 142, 143, 144]
346	192	[62, 142]
347	192	[142]
348	192	[142]
349	192	[142, 146, 147]
350	192	[142, 145, 148]
351	192	[63, 143]
352	192	[64, 143]
353	192	[143, 147, 148]
354	192	[143]
355	192	[143, 145, 146]
356	192	[143]
357	192	[65, 144]
358	192	[66, 144]
359	192	[144, 146, 148]
360	192	[144]
361	192	[144, 145, 147]
362	192	[144]
363	192	[57]
364	192	[57, 149]
365	192	[59, 149]
366	192	[58, 149]
367	194	[4]

368	196	[34, 150]
369	196	[7]
370	198	[24, 95]
371	200	[49, 151]
372	200	[50, 52]
373	200	[50, 51, 153]
374	200	[50, 152]
375	200	[51, 52]
376	200	[51, 154]
377	200	[52, 151]
378	200	[53, 151]
379	200	[12]
380	200	[13]
381	200	[13]
382	202	[4]
383	204	[15, 96, 155]
384	206	[4]
385	208	[23, 156]
386	208	[17, 157]
387	208	[18, 156, 157, 158]
388	208	[19, 157]
389	208	[20, 158]
390	208	[21, 156]
391	208	[22, 158]
392	208	[23, 159]
393	208	[18, 159]
394	208	[21, 159]
395	208	[23, 160]
396	208	[18, 160]
397	208	[21, 160]
398	210	[35, 54, 99]
399	212	[5, 161]
400	212	[7]
401	212	[7]
402	214	[4]
403	216	[101, 162]
404	216	[102, 162]
405	216	[31, 103]

406	216	[103, 163]
407	216	[104, 162]
408	216	[32, 100]
409	216	[100]
410	216	[105]
411	216	[106]
412	216	[71, 107]
413	218	[4]
414	220	[27, 55, 164]
415	222	[8, 108]
416	224	[40, 165]
417	224	[41, 165, 166, 167]
418	224	[42, 165]
419	224	[43, 166, 168, 169]
420	224	[38, 166]
421	224	[44, 166, 170, 171]
422	224	[36, 166]
423	224	[37, 166]
424	224	[39, 166]
425	226	[4]
426	228	[15, 109, 172]
427	230	[14, 56]
428	232	[11, 173]
429	232	[10, 173]
430	232	[12, 173]
431	232	[11, 174]
432	232	[11, 175]
433	234	[24, 110]
434	236	[5, 176]
435	238	[16, 45]
436	240	[57, 76, 181]
437	240	[61, 119, 179]
438	240	[61, 118, 180]
439	240	[60, 111, 182]
440	240	[61, 112, 182, 183, 184]
441	240	[62, 113, 182]
442	240	[63, 114, 183]
443	240	[64, 115, 183]

444	240	[65, 116, 184]
445	240	[66, 117, 184]
446	240	[58, 181]
447	240	[59, 181]
448	240	[63, 123, 179]
449	240	[63, 122, 180]
450	240	[64, 120, 179]
451	240	[64, 121, 180]
452	240	[177]
453	240	[5, 177]
454	240	[177]
455	240	[5, 178]
456	240	[6, 178]
457	240	[7, 178]
458	242	[28]
459	244	[5, 185]
460	244	[7]
461	244	[7]
462	246	[8, 124]
463	248	[11, 186]
464	248	[10, 186]
465	248	[12, 186]
466	250	[67]
467	252	[47, 125, 187]
468	254	[4]
469	256	[188]
470	256	[188, 189, 190]
471	256	[188]
472	256	[189, 191, 196]
473	256	[189, 192, 194]
474	256	[189, 193, 195]
475	256	[189]
476	256	[189]
477	256	[189]
478	256	[191, 194, 195]
479	256	[191, 192, 193, 197, 198, 203, 204]
480	256	[192]
481	256	[192]

482	256	[192, 199, 201]
483	256	[192, 200, 202]
484	256	[192, 195, 196]
485	256	[193, 194, 196]
486	256	[197]
487	256	[197]
488	256	[198, 201, 202, 207, 208, 209, 210]
489	256	[198]
490	256	[198]
491	256	[198, 199, 200]
492	256	[198]
493	256	[198, 205, 206]
494	256	[199, 202, 203]
495	256	[200, 201, 203]
496	256	[201, 219, 221]
497	256	[201]
498	256	[201]
499	256	[201, 215, 217]
500	256	[201]
501	256	[201]
502	256	[201]
503	256	[201, 220, 222]
504	256	[201]
505	256	[201]
506	256	[201]
507	256	[201, 216, 218]
508	256	[202]
509	256	[202]
510	256	[202, 211, 212]
511	256	[202, 213, 214]
512	256	[207, 211, 213]
513	256	[207]
514	256	[207, 216, 217]
515	256	[207, 215, 218]
516	256	[207]
517	256	[207, 212, 214]
518	256	[208, 220, 221]
519	256	[208, 219, 222]

520	256	[209]
521	256	[209]
522	256	[209, 221, 222]
523	256	[209, 211, 214]
524	256	[209, 212, 213]
525	256	[209, 219, 220]
526	256	[210, 217, 218]
527	256	[210, 215, 216]
528	256	[215]
529	256	[215]
530	256	[215]
531	256	[215]
532	256	[217]
533	256	[217]
534	256	[217]
535	256	[217]
536	256	[221]
537	256	[221]
538	256	[221]
539	256	[221]
540	258	[8, 126]
541	260	[27, 68, 223]
542	260	[25, 69]
543	260	[26, 69]
544	260	[25, 70]
545	260	[26, 70]
546	262	[4]
547	264	[29, 95]
548	264	[30, 128, 224]
549	264	[31, 127, 224]
550	264	[32, 129, 224]
551	266	[16, 48]
552	268	[5, 225]
553	270	[71, 130]
554	272	[17, 226]
555	272	[18, 226, 228, 230]
556	272	[18, 227]
557	272	[18, 229]

558	272	[19, 226]
559	272	[20, 230]
560	272	[21, 228]
561	272	[21, 227]
562	272	[21, 229]
563	272	[22, 230]
564	272	[23, 227]
565	272	[23, 234]
566	272	[23, 231]
567	272	[23, 233]
568	272	[23, 229]
569	272	[23, 228]
570	272	[23, 232]
571	274	[4]
572	276	[15, 131, 235]
573	278	[4]
574	280	[51, 73]
575	280	[50, 73]
576	280	[49, 72, 236]
577	280	[52, 73, 236]
578	280	[53, 74, 236]
579	282	[8, 132]
580	284	[5, 237]
581	286	[28, 33]
582	288	[133, 238]
583	288	[134, 238, 239, 242]
584	288	[135, 238]
585	288	[136, 239, 249, 253]
586	288	[137, 239]
587	288	[138, 239, 245, 251]
588	288	[139, 239]
589	288	[140, 239]
590	288	[141, 239]
591	288	[101, 142, 257]
592	288	[102, 143, 257]
593	288	[104, 144, 257]
594	288	[145, 257]
595	288	[146, 257]

596	288	[147, 257]
597	288	[148, 257, 258, 259]
598	288	[107, 149]
599	288	[41, 240]
600	288	[44, 240]
601	288	[36, 240]
602	288	[37, 240]
603	288	[38, 240]
604	288	[39, 240]
605	288	[43, 240, 250, 255]
606	288	[43, 241]
607	288	[41, 241]
608	288	[36, 241]
609	288	[37, 241]
610	288	[38, 241]
611	288	[39, 241]
612	288	[44, 241, 248, 252]
613	288	[43, 254]
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Searching up to index : 1000

How many normal groups are found : 358

Total Time (in s) in GAP: 47.7

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120	378	[18, 35]
121	378	[19, 36]

122	378	[19, 35]
123	378	[20, 36]
124	378	[20, 35]
125	378	[22, 36, 37]
126	378	[22, 35, 38]
127	384	[62]
128	384	[30]
129	384	[63]
130	384	[31]
131	402	[4]
132	402	[4]
133	432	[16]
134	432	[16]
135	432	[41, 42, 69]
136	432	[41, 73]
137	432	[41, 70]
138	432	[41, 71]
139	432	[41, 72]
140	432	[39, 40, 65]
141	432	[40, 64]
142	432	[40, 66]
143	432	[40, 67]
144	432	[40, 68]
145	438	[4]
146	438	[4]
147	450	[8, 43]
148	450	[10, 43]
149	450	[8, 44]
150	450	[9, 44]
151	456	[11, 32]
152	456	[11, 33]
153	474	[4]
154	474	[4]
155	486	[45, 47, 48, 49]
156	486	[47, 52]
157	486	[47, 51]
158	486	[47, 50, 53, 54, 55]
159	486	[46, 47]

160	486	[48]
161	486	[48]
162	486	[48]
163	486	[48, 50]
164	486	[48, 51]
165	486	[48, 52]
166	486	[46, 48]
167	486	[45, 52]
168	486	[45, 51]
169	486	[45, 46]
170	486	[45, 50]
171	486	[46, 49]
172	486	[49, 51]
173	486	[49, 52]
174	486	[49, 50]
175	486	[46, 50, 51, 52]
176	486	[51]
177	486	[51]
178	486	[51]
179	486	[51]
180	486	[51]
181	486	[51]
182	486	[51]
183	486	[51]
184	486	[51]
185	504	[1]
186	504	[1]
187	504	[1]
188	504	[1]
189	504	[1]
190	504	[1]
191	504	[1]
192	504	[1]
193	504	[26, 36]
194	504	[24, 37, 57]
195	504	[26, 35]
196	504	[24, 38, 58]
197	504	[25, 36, 57]

198	504	[25, 35, 58]
199	504	[3, 56]
200	540	[6, 59]
201	546	[14, 28]
202	546	[15, 28]
203	546	[14, 29]
204	546	[15, 29]
205	558	[8, 60]
206	558	[10, 60]
207	558	[8, 61]
208	558	[10, 61]
209	576	[39, 62, 83]
210	576	[6]
211	576	[40, 62, 84]
212	576	[40, 85]
213	576	[85]
214	576	[41, 85]
215	576	[41, 63, 86]
216	576	[42, 63, 87]
217	582	[4]
218	582	[4]
219	600	[11, 43]
220	600	[12, 44]
221	618	[4]
222	618	[4]
223	624	[17, 92]
224	624	[17, 93]
225	648	[12]
226	648	[11]
227	648	[12]
228	648	[12]
229	648	[12]
230	648	[12]
231	648	[55, 65, 67]
232	648	[50, 65, 66]
233	648	[54, 65, 68]
234	648	[53, 64, 65]
235	648	[51, 66]

236	648	[52, 66]
237	648	[46, 66]
238	648	[48, 66]
239	648	[47, 64, 66, 67, 68]
240	648	[49, 66]
241	648	[45, 66]
242	648	[11, 97]
243	648	[11, 94]
244	648	[11, 95]
245	648	[11, 96]
246	648	[47, 69, 70, 71, 72]
247	648	[53, 69, 73]
248	648	[51, 70]
249	648	[50, 70, 73]
250	648	[52, 70]
251	648	[46, 70]
252	648	[48, 70]
253	648	[49, 70]
254	648	[45, 70]
255	648	[55, 71, 73]
256	648	[54, 72, 73]
257	654	[4]
258	654	[4]
259	660	[1]
260	666	[8, 74]
261	666	[8, 75]
262	666	[10]
263	666	[10]
264	666	[10, 75]
265	666	[10]
266	666	[10]
267	666	[10]
268	666	[10, 74]
269	666	[10]
270	672	[30, 57]
271	672	[30, 58]
272	672	[102]
273	672	[98]

274	672	[99]
275	702	[21, 76]
276	702	[18, 76]
277	702	[19, 76]
278	702	[20, 76]
279	702	[22, 76, 77]
280	702	[21, 78]
281	702	[18, 78]
282	702	[19, 78]
283	702	[20, 78]
284	702	[22, 78, 79]
285	720	[2]
286	720	[2]
287	720	[7, 59]
288	720	[80, 113]
289	720	[80, 114]
290	726	[4]
291	726	[5]
292	744	[11, 60]
293	744	[11, 61]
294	750	[43]
295	750	[44]
296	762	[4]
297	762	[4]
298	768	[62, 128]
299	768	[62]
300	768	[62]
301	768	[62]
302	768	[62]
303	768	[63, 130]
304	768	[63]
305	768	[63]
306	774	[8, 81]
307	774	[10, 81]
308	774	[8, 82]
309	774	[10, 82]
310	798	[14, 32]
311	798	[15, 32]

312	798	[14, 33]
313	798	[15, 33]
314	834	[4]
315	834	[4]
316	864	[65, 73, 85]
317	864	[64, 69, 85]
318	864	[64, 84]
319	864	[66, 84]
320	864	[68, 84]
321	864	[67, 84]
322	864	[65, 83, 84]
323	864	[73, 86]
324	864	[70, 86]
325	864	[72, 86]
326	864	[71, 86]
327	864	[69, 86, 87]
328	864	[66, 70, 85]
329	864	[67, 71, 85]
330	864	[68, 72, 85]
331	882	[35, 90]
332	882	[35, 36, 89]
333	882	[36, 88]
334	882	[8, 91]
335	882	[9, 91]
336	882	[37, 38, 89]
337	882	[37, 88]
338	882	[38, 90]
339	888	[11, 74]
340	888	[11, 75]
341	906	[4]
342	906	[4]
343	912	[17, 151]
344	912	[17, 152]
345	936	[26, 76]
346	936	[24, 77, 92]
347	936	[25, 76, 92]
348	936	[26, 78]
349	936	[24, 79, 93]

350	936	[25, 78, 93]
351	942	[4]
352	942	[4]
353	972	[13, 95]
354	972	[13, 94]
355	972	[13, 96]
356	972	[13, 97]
357	978	[4]
358	978	[4]

Group : $C_2 * C_{10}$
Searching up to index : 500
How many normal groups are found : 469
Total Time (in s) in GAP: 31.8

Number	Index	Supergroups
1	1	[ ]
2	2	[1]
3	2	[1]
4	2	[1]
5	4	[2, 3, 4]
6	5	[1]
7	6	[4]
8	8	[5]
9	10	[4]
10	10	[3]
11	10	[2, 6]
12	10	[3, 6]
13	10	[4, 6]
14	12	[5, 7]
15	14	[4]
16	16	[8]
17	18	[7]
18	20	[5, 10]
19	20	[5, 9]
20	20	[5, 11, 12, 13]

21	22	[4]
22	24	[8, 14]
23	26	[4]
24	28	[5, 15]
25	30	[7, 13]
26	30	[7, 9]
27	32	[16]
28	34	[4]
29	36	[14, 17]
30	38	[4]
31	40	[8, 20]
32	40	[8, 19]
33	40	[8, 18]
34	42	[7, 15]
35	44	[5, 21]
36	46	[4]
37	48	[16, 22]
38	50	[10, 12]
39	50	[9, 13]
40	50	[9]
41	52	[5, 23]
42	54	[17]
43	56	[8, 24]
44	58	[4]
45	60	[1]
46	60	[1]
47	60	[14, 18]
48	60	[14, 20, 25]
49	60	[14, 19, 26]
50	62	[4]
51	64	[27]
52	66	[7, 21]
53	68	[5, 28]
54	70	[13, 15]
55	70	[9, 15]
56	72	[22, 29]
57	74	[4]
58	76	[5, 30]

59	78	[7, 23]
60	80	[16, 31]
61	80	[6]
62	80	[16, 32]
63	80	[16, 33]
64	82	[4]
65	84	[14, 24, 34]
66	86	[4]
67	88	[8, 35]
68	90	[17, 25]
69	90	[17, 26]
70	92	[5, 36]
71	94	[4]
72	96	[27, 37]
73	98	[15]
74	100	[18, 19]
75	100	[18, 20, 38]
76	100	[19, 40]
77	100	[19, 20, 39]
78	102	[7, 28]
79	104	[8, 41]
80	106	[4]
81	108	[29, 42]
82	110	[9, 21]
83	110	[12]
84	110	[12]
85	110	[12]
86	110	[12]
87	110	[13, 21]
88	110	[13]
89	110	[13]
90	110	[13]
91	110	[13]
92	112	[16, 43]
93	114	[7, 30]
94	116	[5, 44]
95	118	[4]
96	120	[3]

97	120	[3]
98	120	[22, 31, 48]
99	120	[22, 32, 49]
100	120	[22, 33, 47]
101	120	[4, 45]
102	120	[3, 45]
103	120	[2, 45]
104	120	[4, 46]
105	120	[3, 46]
106	120	[2, 46]
107	122	[4]
108	124	[5, 50]
109	126	[17, 34]
110	128	[51]
111	130	[13, 23]
112	130	[9, 23]
113	132	[14, 35, 52]
114	134	[4]
115	136	[8, 53]
116	138	[7, 36]
117	140	[18, 24]
118	140	[20, 24, 54]
119	140	[19, 24, 55]
120	142	[4]
121	144	[37, 56]
122	146	[4]
123	148	[5, 57]
124	150	[25, 26, 39]
125	150	[26, 40]
126	150	[7]
127	152	[8, 58]
128	154	[15, 21]
129	156	[14, 41, 59]
130	158	[4]
131	160	[27, 60]
132	160	[12, 61]
133	160	[11, 61]
134	160	[13, 61]

135	160	[61]
136	160	[61]
137	160	[61]
138	160	[61]
139	160	[27, 62]
140	160	[27, 63]
141	160	[10]
142	162	[42]
143	164	[5, 64]
144	166	[4]
145	168	[22, 43, 65]
146	170	[13, 28]
147	170	[9, 28]
148	172	[5, 66]
149	174	[7, 44]
150	176	[16, 67]
151	178	[4]
152	180	[29, 47]
153	180	[29, 48, 68]
154	180	[29, 49, 69]
155	182	[15, 23]
156	184	[8, 70]
157	186	[7, 50]
158	188	[5, 71]
159	190	[13, 30]
160	190	[9, 30]
161	192	[51, 72]
162	194	[4]
163	196	[24, 73]
164	198	[17, 52]
165	200	[31, 32, 77]
166	200	[31, 33, 75]
167	200	[32, 76]
168	200	[32, 33, 74]
169	200	[8]
170	202	[4]
171	204	[14, 53, 78]
172	206	[4]

173	208	[16, 79]
174	210	[25, 34, 54]
175	210	[26, 34, 55]
176	212	[5, 80]
177	214	[4]
178	216	[56, 81]
179	218	[4]
180	220	[18, 35]
181	220	[20, 35, 87]
182	220	[19, 35, 82]
183	220	[20, 83]
184	220	[20, 84]
185	220	[20, 85]
186	220	[20, 86]
187	220	[20, 88]
188	220	[20, 89]
189	220	[20, 90]
190	220	[20, 91]
191	222	[7, 57]
192	224	[27, 92]
193	226	[4]
194	228	[14, 58, 93]
195	230	[13, 36]
196	230	[9, 36]
197	232	[8, 94]
198	234	[17, 59]
199	236	[5, 95]
200	238	[15, 28]
201	240	[37, 60, 98]
202	240	[37, 62, 99]
203	240	[37, 63, 100]
204	240	[5, 101, 102, 103]
205	240	[102]
206	240	[102]
207	240	[5, 104, 105, 106]
208	240	[105]
209	240	[105]
210	240	[96]

211	240	[5, 96]
212	240	[96]
213	240	[97]
214	240	[5, 97]
215	240	[97]
216	242	[21]
217	244	[5, 107]
218	246	[7, 64]
219	248	[8, 108]
220	250	[38]
221	250	[39]
222	250	[39, 40]
223	250	[39]
224	250	[39]
225	250	[39]
226	250	[39]
227	250	[40]
228	252	[29, 65, 109]
229	254	[4]
230	256	[110]
231	258	[7, 66]
232	260	[18, 41]
233	260	[20, 41, 111]
234	260	[19, 41, 112]
235	262	[4]
236	264	[22, 67, 113]
237	266	[15, 30]
238	268	[5, 114]
239	270	[42, 68]
240	270	[42, 69]
241	272	[16, 115]
242	274	[4]
243	276	[14, 70, 116]
244	278	[4]
245	280	[31, 43, 118]
246	280	[32, 43, 119]
247	280	[33, 43, 117]
248	282	[7, 71]

249	284	[5, 120]
250	286	[21, 23]
251	288	[72, 121]
252	290	[13, 44]
253	290	[9, 44]
254	292	[5, 122]
255	294	[34, 73]
256	296	[8, 123]
257	298	[4]
258	300	[47, 48, 75]
259	300	[47, 49, 74]
260	300	[49, 76, 125]
261	300	[48, 49, 77, 124]
262	300	[14]
263	300	[14, 126]
264	300	[6, 45]
265	300	[6, 46]
266	302	[4]
267	304	[16, 127]
268	306	[17, 78]
269	308	[24, 35, 128]
270	310	[9, 50]
271	310	[12]
272	310	[12]
273	310	[12]
274	310	[12]
275	310	[13]
276	310	[13]
277	310	[13]
278	310	[13]
279	310	[13, 50]
280	312	[22, 79, 129]
281	314	[4]
282	316	[5, 130]
283	318	[7, 80]
284	320	[51, 131]
285	320	[20, 132, 133, 134]
286	320	[132]

287	320	[132]
288	320	[132, 136, 137]
289	320	[132]
290	320	[132]
291	320	[132, 135, 138]
292	320	[133, 136, 138]
293	320	[133, 135, 137]
294	320	[134, 137, 138]
295	320	[134, 135, 136]
296	320	[51, 139]
297	320	[51, 140]
298	320	[18, 141]
299	320	[141]
300	320	[141]
301	320	[141]
302	320	[141]
303	320	[141]
304	320	[141]
305	322	[15, 36]
306	324	[81, 142]
307	326	[4]
308	328	[8, 143]
309	330	[25, 52, 87]
310	330	[26, 52, 82]
311	330	[25, 88]
312	330	[25, 89]
313	330	[25, 90]
314	330	[25, 91]
315	332	[5, 144]
316	334	[4]
317	336	[37, 92, 145]
318	338	[23]
319	340	[18, 53]
320	340	[20, 53, 146]
321	340	[19, 53, 147]
322	342	[17, 93]
323	344	[8, 148]
324	346	[4]

325	348	[14, 94, 149]
326	350	[39, 54, 55]
327	350	[40, 55]
328	352	[27, 150]
329	354	[7, 95]
330	356	[5, 151]
331	358	[4]
332	360	[1]
333	360	[1]
334	360	[56, 98, 153]
335	360	[56, 99, 154]
336	360	[56, 100, 152]
337	360	[7, 101]
338	360	[7, 104]
339	362	[4]
340	364	[24, 41, 155]
341	366	[7, 107]
342	368	[16, 156]
343	370	[13, 57]
344	370	[9, 57]
345	372	[14, 108, 157]
346	374	[21, 28]
347	376	[8, 158]
348	378	[42, 109]
349	380	[18, 58]
350	380	[20, 58, 159]
351	380	[19, 58, 160]
352	382	[4]
353	384	[110, 161]
354	386	[4]
355	388	[5, 162]
356	390	[25, 59, 111]
357	390	[26, 59, 112]
358	392	[43, 163]
359	394	[4]
360	396	[29, 113, 164]
361	398	[4]
362	400	[62, 63, 168]

363	400	[60, 62, 165]
364	400	[62, 167]
365	400	[60, 63, 166]
366	400	[16, 169]
367	402	[7, 114]
368	404	[5, 170]
369	406	[15, 44]
370	408	[22, 115, 171]
371	410	[9, 64]
372	410	[12]
373	410	[12]
374	410	[12]
375	410	[12]
376	410	[13]
377	410	[13]
378	410	[13]
379	410	[13]
380	410	[13, 64]
381	412	[5, 172]
382	414	[17, 116]
383	416	[27, 173]
384	418	[21, 30]
385	420	[48, 65, 118, 174]
386	420	[49, 65, 119, 175]
387	420	[47, 65, 117]
388	422	[4]
389	424	[8, 176]
390	426	[7, 120]
391	428	[5, 177]
392	430	[13, 66]
393	430	[9, 66]
394	432	[121, 178]
395	434	[15, 50]
396	436	[5, 179]
397	438	[7, 122]
398	440	[31, 67, 181]
399	440	[32, 67, 182]
400	440	[33, 67, 180]

401	440	[31, 183]
402	440	[31, 184]
403	440	[31, 185]
404	440	[31, 186]
405	440	[31, 187]
406	440	[31, 188]
407	440	[31, 189]
408	440	[31, 190]
409	442	[23, 28]
410	444	[14, 123, 191]
411	446	[4]
412	448	[51, 192]
413	450	[68, 69, 124]
414	450	[69, 125]
415	450	[17, 126]
416	452	[5, 193]
417	454	[4]
418	456	[22, 127, 194]
419	458	[4]
420	460	[18, 70]
421	460	[20, 70, 195]
422	460	[19, 70, 196]
423	462	[34, 52, 128]
424	464	[16, 197]
425	466	[4]
426	468	[29, 129, 198]
427	470	[13, 71]
428	470	[9, 71]
429	472	[8, 199]
430	474	[7, 130]
431	476	[24, 53, 200]
432	478	[4]
433	480	[72, 131, 201]
434	480	[25, 134]
435	480	[72, 139, 202]
436	480	[204]
437	480	[8, 204]
438	480	[204, 205, 206]

439	480	[207, 208, 209]
440	480	[8, 207]
441	480	[207]
442	480	[72, 140, 203]
443	480	[210, 211, 212]
444	480	[211]
445	480	[8, 211]
446	480	[213, 214, 215]
447	480	[214]
448	480	[8, 214]
449	482	[4]
450	484	[35, 216]
451	486	[142]
452	488	[8, 217]
453	490	[54, 73]
454	490	[55, 73]
455	492	[14, 143, 218]
456	494	[23, 30]
457	496	[16, 219]
458	498	[7, 144]
459	500	[74, 76]
460	500	[74, 75, 77]
461	500	[74]
462	500	[75, 220]
463	500	[76, 227]
464	500	[76, 77, 222]
465	500	[77, 221]
466	500	[77, 225]
467	500	[77, 226]
468	500	[77, 223]
469	500	[77, 224]

Group : $C_2 * C_{11}$

Searching up to index : 1000

How many normal groups are found : 21

Total Time (in s) in GAP: 9.2

Number	Index	Supergroups
1	1	[ ]
2	2	[1]
3	11	[1]
4	22	[2]
5	22	[2, 3]
6	242	[4, 5]
7	506	[5]
8	506	[5]
9	506	[5]
10	506	[5]
11	506	[5]
12	506	[5]
13	506	[5]
14	506	[5]
15	506	[5]
16	506	[5]
17	660	[1]
18	660	[1]
19	660	[1]
20	660	[1]
21	660	[1]

Group : $C_2 * C_{12}$

Searching up to index : 150

How many normal groups are found : 355

Total Time (in s) in GAP: 10.3

Number	Index	Supergroups
1	1	[ ]
2	2	[1]
3	2	[1]
4	2	[1]
5	3	[1]
6	4	[2, 3, 4]
7	4	[2]

8	4	[2]
9	6	[2, 5]
10	6	[3]
11	6	[3, 5]
12	6	[4]
13	6	[4, 5]
14	8	[6]
15	8	[6, 7, 8]
16	8	[6]
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23	12	[6, 12]
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36	24	[15, 18, 19, 20]
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94	48	[25, 45]
95	48	[26, 45, 46, 47]
96	48	[27, 45]
97	48	[23, 48]
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117	60	[20, 32]
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134	72	[43, 45, 59]
135	72	[45, 62]
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144	72	[47, 62]
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162	80	[27, 66]
163	80	[26, 68]
164	80	[26, 69]
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167	84	[22, 50]
168	84	[23, 50, 72]
169	84	[18, 70]
170	84	[18, 71]
171	84	[18, 73]
172	84	[18, 74]
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175	88	[14, 76]
176	88	[16, 76]
177	90	[29, 51, 52]
178	90	[30, 51]
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187	96	[36, 81, 84, 85]
188	96	[37, 81]
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223	102	[12, 58]
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233	108	[60, 102]
234	108	[61, 103]
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238	108	[62, 107]
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244	112	[25, 108]
245	112	[26, 108, 109, 110]
246	112	[27, 108]
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278	120	[48, 51]
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289	126	[29, 74]
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304	132	[23, 76, 127]
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311	138	[13, 77]

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313	140	[33, 50, 131]
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316	144	[61, 81, 148]
317	144	[94, 135]
318	144	[79, 94, 132]
319	144	[89, 94, 134]
320	144	[79, 89, 133]
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323	144	[88, 95, 134, 137, 145]
324	144	[78, 95, 132, 139, 142]
325	144	[78, 88, 133, 138, 143]
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330	144	[80, 96, 132]
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332	144	[80, 90, 133]
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337	144	[59, 91]
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339	144	[59, 97]
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354	150	[52, 98]
355	150	[13]