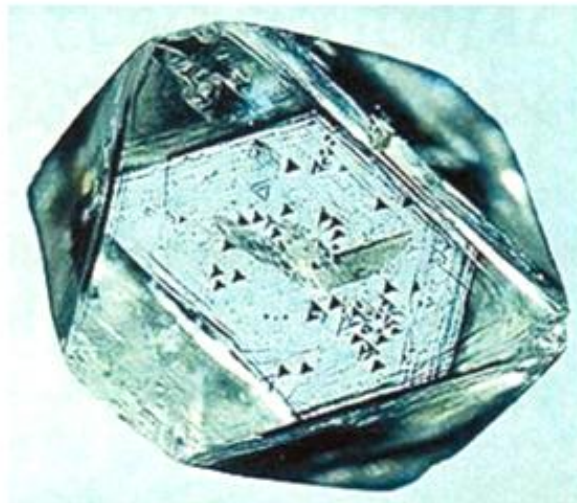


Yu.L. Voytekhovskiy, D.G. Stepenshchikov

*COMBINATORIAL
CRYSTALLOMORPHOLOGY*

III. Combinations of a cube and an octahedron



Apatity
2007

Russian Academy of Sciences

*Kola Science Centre
Geological Institute*

*Russian Mineralogical Society
Kola Branch*

Yu.L. Voytekhovskiy, D.G. Stepenshchikov

*COMBINATORIAL
CRYSTALLOMORPHOLOGY*

III. Combinations of a cube and an octahedron

*Apatity
2007*

UDC 548.12

Voytekhovskiy Yu.L., Stepenshchikov D.G. Combinatorial crystallography. III. Combinations of a cube and an octahedron. – Apatity: Published by "K & M", 2007. – 834 p.

The current catalogue continues the series of publications, dedicated to the systematic enumeration of combinatorial types of convex polyhedra, their characterization by means of point groups of symmetry, and facet symbols. For the first time it presents pictures and descriptions of 77657 combinations of a cube and an octahedron, which are of great interest while dominating on crystals of a diamond. The present catalogue is a basis for reconstruction of conditions and mechanisms of formation of cube-octahedral crystals according to the Curie principle of dissymmetry.

The catalogue is of interest to crystallographers, wide sections of mineralogists, mathematicians specializing in the combinatorial theory of convex polyhedra, and students of respective professional lines.

Printed by Decree of Scientific Board of Geological Institute of KSC RAS and Board of Kola Branch of Russian Mineralogical Society.

- © Yu.L. Voytekhovskiy, D.G. Stepenshchikov, 2007
- © Geological Institute of Kola SC RAS, 2007
- © Kola Branch of RMS, 2007

Contents

Preface	4
Introduction	5
Number of facet symbols characterizing a given number of polyhedra	6
Ordering of forms according to the number of facets, facet symbols, and point groups of symmetry	7
Statistics of forms according to a number of facets and facet symbols	17
Catalogue of forms	25

Preface

The current catalogue continues the series of publications, dedicated to the systematic enumeration of combinatorial types of convex polyhedra, their characterization by means of point groups of symmetry, and facet symbols. In works [2-5, 10] a real crystallographic prime form was defined as a polyhedron produced by facets of an (ideal) crystallographic prime form with these facets being in a standard orientation, but on an arbitrary distance from the origin of coordinates. In other words, we get a real form out of an ideal one by shifting facets along normales. The combination of real crystallographic prime forms can be easily defined analogously. If we define real forms up to a combinatorial type, i.e. a number, type of facets, and a way of their combination, we can actually enumerate these facets for an ideal form or a combination of forms.

The theoretical basis of this issue hasn't been elaborated and the authors use the abilities of a computer. This approach has obvious advantages and an unobvious disadvantage that we have to confess in. The algorithm of enumeration becomes a sheer step-by-step shifting of facets of a form along normales, description of the result, and its comparison with the non-recurrent forms that had been found. Ideally, moving of facets should be continuous, which means a "very little" one on practice. Previous examples demonstrate an estimation of how quickly the number of forms approaches the "true" one as a step becomes lesser. We are bound to consider the result that doesn't change as re-enumeration with a lesser step takes place as a "true" result. This encourages us to treat the previously published results as true, since there are 33 real octahedra, 625 real rhombic dodecahedra and so on.

Obviously, moving of facets of a cube along normales may produce a rectangular parallelepiped only, i.e. a cube again, in a combinatorial approximation. How many real combinations of a cube with an octahedron are there, indeed? Solving of this problem was quite a challenge even for computers. The result we got – 77657 – is rough due to the reason we've mentioned above. But it is scarcely lowered in comparison with an ideal result on more than several tens of forms and it can be made more accurate later on, if needed. The other reason we decided to publish the imperfect result is its being tight-knit with the problem of the crystallomorphology of a diamond, since a cube and an octahedron are its most important forms.

The variety of forms in nature makes a naturalist excited, especially when this variety is ordered – in other case it can't be understood. Our mind persists in "verifying the harmony by means of algebra". Even this justifies the current work. However, even a passing glance on the major works, which present sketches and photographs of crystals of a diamond, demonstrates that out of a great arsenal of possible forms our nature leaves the most symmetrical ones. Using the Curie principle of dissymmetry, we can treat this fact as a result of a dissymmetrizing capacity of the environment being weak. The most dissymmetric forms are all the more interesting [1, 6-9]. The current catalogue is a major work for analysis and interpretation of natural cube-octahedra on the background of their possible combinatorial variety.

References

1. Войтеховский Ю.Л. Принцип Кюри и гранаты горы Макзапах // Докл. АН. 2005. Т. 400, № 3. С. 355-358.
2. Войтеховский Ю.Л., Степенчиков Д.Г. Комбинаторная кристалломорфология. I. Реальные кристаллографические простые формы. Апатиты: К & М, 2004. 275 с.
3. Войтеховский Ю.Л., Степенчиков Д.Г. Комбинации куба и октаэдра в связи с кристалломорфологией алмаза: предварительные результаты // Минералогия во всем пространстве сего слова. Апатиты: К & М, 2004. С. 40-43.
4. Войтеховский Ю.Л., Степенчиков Д.Г. Реальные кристаллографические простые формы // Зап. ВМО. 2004. № 2. С. 112-120.
5. Войтеховский Ю.Л., Степенчиков Д.Г. Комбинаторная кристалломорфология. II. Реальные кристаллографические ромбододекаэдры // Полиэдрические формы в живой и косной природе. Апатиты: К & М, 2005. С. 51-84.
6. Кюри П. О симметрии в физических явлениях: симметрия электрического и магнитного полей // Избранные труды. М.-Л.: Наука, 1966. С. 95-113.
7. Шафрановский И.И. Кристаллы минералов. Л.: ЛГУ, 1957. 223 с.
8. Юшкин Н.П., Шафрановский И.И., Янудов К.П. Законы симметрии в минералогии. Л.: Наука, 1987. 335 с.
9. Curie P. Sur la symetrie dans les phenomenes physiques, symetrie d'un champ electrique et d'un champ magnetique // Oeuvres de P. Curie. Paris, 1908. P 118-141.
10. Voytekhovskiy Y.L. On the real crystal octahedra // Acta Cryst. 2002. A 58. P 622-623.

Introduction

The best way to present a polyhedron was its illustration so far. That is why the core of the catalogue is the coming pictures. However, for its proper use some systematization of the forms is needed. The all-known methods of their strict ordering are too formal, that's why the authors took the other way, which seems to be more convenient for prospective readers, i.e. mineralogists and crystallographers. Namely, the authors used some easily defined characteristics of polyhedra. The variety of forms is divided into classes according to a number of facets. Within each class they are divided lexicographically according to the increase of a facet symbol. Within each symbol they are divided according to the increase of the symmetry. The disadvantage of such systematization is that it leaves quite a lot of forms in some groups.

To remind you, a facet symbol is a sequence of figures, showing the number of triangular, quadrangular ... n-gonal facet on a polyhedron. Instead of two-valued figures 10 ... 14 we use more convenient letters of the Latin alphabet A ... E. Thus, the symbol **080002** means that the polyhedron has no triangular, pentagonal, hexagonal, and heptagonal facets, but it has eight quadrangular and two octagonal facets. The symbol **0A01** means that on the polyhedron there are ten quadrangular and one hexagonal facets; 0D и 0E – thirteen and fourteen quadrangular facets respectively. Also, we should note that the symmetry is used everywhere in the combinatorial sense, i.e. each form has its prescribed point group of symmetry of the most symmetrical representative of those combinatorial type.

In the following section of the book there are all 77657 forms ordered according to the above mentioned principles. For example, the sign "**8-hedra: 044** (1) 528-652 (2) 653-660 (m) 661-670 (mm2) 671" means that in the class of 8-hedra there is a family of forms with the facet symbol **044**. In this family there are forms with the following point groups of symmetry (international signing) (1) – Figs. №№ 528-652, (2) – Figs. 653-660, (m) – Figs. 661-670, (mm2) – Figs. 671 and so on. The section "Statistics of forms according to a number of facets, and facet symbols" is to show how numerous the class containing this form is, just after the reader defined the facet symbol (which is very easy, indeed) and before he defines the point group of combinatorial symmetry (this is more difficult). In all pictures letter *k* indicates facets of a cube, letter *o* indicates facets of an octahedron with its visible facets drawn in bold.

Statistics of forms according to a number of facets (n.f.), order of groups of automorphisms (o.g.a.), and point groups of symmetry (p.g.s.)

o.g.a.	p.g.s.	n.f.											Σ
		4	5	6	7	8	9	10	11	12	13	14	
1	1		2	37	282	1259	4267	9928	16861	19476	13896	4543	70551
2	m		9	30	114	314	505	843	1034	1222	961	697	5729
	2		1	2	8	28	26	161	45	240	36	151	698
4	-1					4		15		19		11	49
	mm2	1	2	10	8	27	15	62	31	93	42	88	379
	2/m			2		15		17		24		29	87
6	222					1						1	1
	3m	1	2	1	9	9	2	11	18		8	9	70
8	mmm					4		3		5		10	22
	4mm		1	1			4	9			9	9	33
	-42m			1		1		3		3			8
12	-3m			1		5				3		4	13
16	4/mmm							1		3		5	9
24	-43m	1				1		1					3
48	m-3m			1		1						3	5
Σ		3	17	86	421	1669	4819	11054	17989	21088	14952	5559	77657

The above Table demonstrates the distribution of forms according to a number of facets and point groups of symmetry. As we can see, unique forms are minor. The same situation is with facet symbols – they fix only minor amount of forms (500, to be precise, 310 more characterize two forms each, 185 – three forms each ... the maximum number of forms with the same facet symbol is 706, see Table below). Even both characteristics do not fix the form, but divide the variety of forms into classes with a minor number of representatives, as a rule. If we recall the fact that all 77657 forms are crystallographically one and the same combination of a cube and an octahedron, we should recognize that the current catalogue is a step forward in the systematics of its varieties.

Number of facet symbols characterizing a given number of polyhedra

Number of forms	Number of facet symbols	Number of forms	Number of facet symbols	Number of forms	Number of facet symbols	Number of forms	Number of facet symbols
1	500	61	4	125	1	242	1
2	310	62	3	126	1	243	1
3	185	63	4	127	5	247	1
4	146	64	2	129	1	248	1
5	108	65	6	130	1	250	1
6	82	66	6	131	2	255	1
7	87	67	6	133	1	257	1
8	65	68	4	136	3	260	1
9	36	69	2	137	2	262	1
10	49	70	1	139	2	265	1
11	57	71	6	140	1	271	1
12	47	72	1	141	1	274	1
13	32	73	2	142	1	281	1
14	41	74	3	143	1	282	1
15	29	75	1	144	3	296	1
16	33	76	4	145	1	297	3
17	24	77	4	146	1	299	1
18	37	78	2	148	3	301	1
19	15	79	3	151	2	306	2
20	22	80	2	152	3	310	1
21	19	81	1	153	1	318	1
22	21	82	4	154	3	330	1
23	13	83	2	155	1	331	1
24	11	84	3	156	3	337	1
25	13	85	3	157	1	339	1
26	20	86	4	159	3	343	1
27	12	87	4	160	1	351	2
28	16	88	1	161	1	361	1
29	12	89	3	162	1	369	1
30	5	90	5	167	4	370	1
31	8	91	2	169	1	371	1
32	17	92	2	170	2	373	1
33	12	93	2	171	2	378	1
34	8	94	1	174	1	384	1
35	11	95	2	176	1	400	1
36	9	96	3	178	1	402	1
37	6	97	3	180	1	403	2
38	9	99	2	181	1	408	1
39	8	100	3	182	2	424	1
40	5	101	5	188	1	428	1
41	8	102	2	192	1	432	1
42	6	103	1	193	1	434	1
43	6	104	3	196	2	435	1
44	6	105	3	197	1	440	1
45	6	106	3	198	2	447	1
46	6	108	1	200	4	451	1
47	11	109	2	205	1	458	1
48	2	110	4	207	1	466	1
49	4	111	1	210	2	479	1
50	4	112	4	211	1	544	1
51	4	114	1	212	1	563	1
52	2	115	2	213	1	580	1
53	7	116	1	215	4	596	1
54	7	117	1	218	1	649	1
55	5	119	3	220	1	660	1
56	6	120	1	221	1	676	1
57	5	121	2	230	1	706	2
58	4	122	1	235	2		
59	5	123	3	237	1		
60	6	124	3	240	1		

Ordering of forms according to the number of facets, facet symbols, and point groups of symmetry

4-hedra: 4 (mm2) 1 (3m) 2 (-43m) 3

5-hedra: 23 (1) 4,5 (2) 6 (m) 7-13 (mm2) 14,15 (3m) 16,17 **41** (m) 18,19 (4mm) 20

6-hedra: **06** (1) 21-30 (2) 31,32 (m) 33-41 (2/m) 42,43 (mm2) 44-46 (-42m) 47 (4mm) 48 (-3m) 49 (m-3m) 50 **222** (1) 51-66 (m) 67-75 (mm2) 76-79 **24** (1) 80-86 (m) 87-92 (mm2) 93-95 **321** (1) 96-98 (m) 99-104 **42** (1) 105 **6** (3m) 106

7-hedra: **052** (1) 107-151 (2) 152-154 (m) 155-176 (mm2) 177,178 **133** (1) 179-229 (m) 230-246 (3m) 247,248 **151** (1) 249-338 (m) 339-349 **2221** (1) 350-362 (2) 363-365 **2302** (1) 366-368 (m) 369-374 (mm2) 375 **232** (1) 376-391 (m) 392-395 (mm2) 396 **2401** (1) 397 (m) 398-401 (mm2) 402 **25** (1) 403-421 (2) 422,423 (m) 424-433 (mm2) 434 **3031** (1) 435-437 (m) 438-447 (3m) 448-450 **313** (1) 451-468 (m) 469-479 **3211** (1) 480-483 (m) 484-486 **331** (1) 487-501 (m) 502-512 **412** (1) 513,514 **4201** (mm2) 515 **43** (1) 516,517 (m) 518-522 (3m) 523-526 **61** (mm2) 527

8-hedra: **044** (1) 528-652 (2) 653-660 (m) 661-670 (mm2) 671 **0602** (1) 672-686 (2) 687-689 (m) 690-702 (2/m) 703-707 (222) 708 (mm2) 709-712 (3m) 713 (-3m) 714,715 **062** (1) 716-801 (2) 802-804 (m) 805-818 **08** (1) 819,820 (2) 821 (m) 822-825 **1331** (1) 826-938 (m) 939-969 **1412** (1) 970-991 (m) 992-996 **143** (1) 997-1145 (m) 1146-1148 **1511** (1) 1149-1250 (m) 1251-1275 **161** (1) 1276-1329 (m) 1330-1343 **206** (1) 1344-1346 (2) 1347 (m) 1348-1350 (2/m) 1351-1353 (-3m) 1354,1355 **2141** (1) 1356-1369 (2) 1370,1371 (m) 1372-1377 (mm2) 1378,1379 **2222** (1) 1380-1404 (m) 1405-1418 (mm2) 1419-1423 **22301** (1) 1424-1426 (m) 1427 **224** (1) 1428-1501 (m) 1502-1516 (mm2) 1517 **23111** (1) 1518-1520 **2321** (1) 1521-1636 (m) 1637-1650 **24002** (mm2) 1651 **2402** (mm2) 1652 **24101** (1) 1653-1655 **242** (1) 1656-1788 (-1) 1789-1791 (2) 1792-1797 (m) 1798-1803 (2/m) 1804-1808 **2501** (1) 1809-1843 (2) 1844,1845 (m) 1846-1869 (mm2) 1870,1871 **26** (1) 1872-1876 (m) 1877-1880 (3m) 1881 **3113** (1) 1882 (m) 1883-1886 **31211** (1) 1887-1893 **3131** (1) 1894-1907 (m) 1908-1910 **3212** (1) 1911-1926 (m) 1927-1929 **32201** (1) 1930 (m) 1931 **323** (1) 1932-1977 (m) 1978-1998 **3311** (1) 1999-2011 **34001** (m) 2012 **341** (1) 2013-2054 (m) 2055-2069 **4004** (m) 2070-2072 (mm2) 2073,2074 (3m) 2075,2076 (-43m) 2077 **4022** (1) 2078-2085 (m) 2086-2093 (mm2) 2094-2097 **40301** (m) 2098 **404** (m) 2099 **4121** (1) 2100-2118 (m) 2119-2132 **422** (1) 2133-2135 (m) 2136-2139 **4301** (1) 2140,2141 (m) 2142-2150 (3m) 2151-2153 **44** (1) 2154 (-1) 2155 (2) 2156,2157 (m) 2158-2165 (2/m) 2166,2167 (mm2) 2168-2170 (-42m) 2171 (mmm) 2172-2174 **503** (1) 2175-2177 (m) 2178-2184 (3m) 2185,2186 **521** (1) 2187 (m) 2188,2189 **62** (m) 2190-2192 (mm2) 2193 **8** (mmm) 2194 (-3m) 2195 (m-3m) 2196

9-hedra: **036** (1) 2197-2278 (2) 2279-2281 (m) 2282-2296 (mm2) 2297 (3m) 2298 **0441** (1) 2299-2428 (2) 2429-2431 (m) 2432-2446 **0522** (1) 2447-2522 (m) 2523-2547 (mm2) 2548 **054** (1) 2549-2729 (2) 2730 (m) 2731-2760 (4mm) 2761 **0603** (1) 2762 (2) 2763 (m) 2764 (mm2) 2765 **0621** (1) 2766-2953 (2) 2954 (m) 2955-2957 **07002** (1) 2958-2960 (2) 2961,2962 (m) 2963-2966 **072** (1) 2967-3039 (2) 3040-3042 (m) 3043-3049 (mm2) 3050 **0801** (1) 3051-3072 (m) 3073-3087 (mm2) 3088 **09** (1) 3089 (2) 3090 **1251** (1) 3091-3142 (m) 3143-3155 **1332** (1) 3156-3314 **135** (1) 3315-3507 (m) 3508-3512 **1413** (1) 3513-3516 (m) 3517-3523 **14211** (1) 3524-3581 (m) 3582-3586 **1431** (1) 3587-3960 (m) 3961-3989 **1512** (1) 3990-4063 (m) 4064-4068 **15201** (1) 4069-4085 (m) 4086 **153** (1) 4087-4436 (m) 4437-4457 **16011** (1) 4458-4485 (m) 4486-4489 **1611** (1) 4490-4602 (m) 4603-4606 **171** (1) 4607-4679 (m) 4680-4695 **2142** (1) 4696-4709 (2) 4710 (m) 4711-4713 **21501** (1) 4714-4728 (m) 4729-4732 **216** (1) 4733 (m) 4734,4735 **2223** (1) 4736-4748 (2) 4749,4750 (m) 4751,4752 **22311** (1) 4753-4782 (m) 4783-4786 **224001** (2) 4787 **2241** (1) 4788-4894 (m) 4895-4899 **2304** (1) 4900-4914 (m) 4915-4926 (mm2) 4927 **23121** (1) 4928-4939 (m) 4940 **23202** (1) 4941-4943 (m) 4944-4946 **232101** (m) 4947 **2322** (1) 4948-5143 (m) 5144-5156 (mm2) 5157 **23301** (1) 5158-5230 (m) 5231,5232 **234** (1) 5233-5395 (2) 5396 (m) 5397-5403 **2403** (1) 5404-5412 (m) 5413-5415 **24111** (1) 5416-5444 **242001** (1) 5445 **2421** (1) 5446-5714 (2) 5715,5716 (m) 5717-5742 **2502** (1) 5743-5777 (2) 5778-5780 **25101** (1) 5781-5821 (m) 5822-5827 **252** (1) 5828-5983 (m) 5984-5998 **260001** (mm2) 5999 **2601** (1) 6000-6026 (m) 6027-6036 **27** (1) 6037-6048 (m) 6049-6061 (mm2) 6062 **3033** (1) 6063-6067 (m) 6068-6072 (3m) 6073 **3051** (1) 6074-6086 (m) 6087-6089 **31221** (1) 6090-6102 (m) 6103-6106 **313101** (1) 6107 **3132** (1) 6108-6157 **31401** (1) 6158-6167 (m) 6168-6171 **315** (1) 6172-6192 (m) 6193-6199 **32031** (m) 6200,6201 **321201** (m) 6202 **3213** (1) 6203-6226 (m) 6227-6231 **322011** (m) 6232 **32211** (1) 6233-6256 (m) 6257,6258 **323001** (m) 6259 **3231** (1) 6260-6416 (m) 6417-6420 **33021** (m) 6421 **33102** (1) 6422 **3312** (1) 6423-6471 (m) 6472-6478 **33201** (1) 6479-6501 (m) 6502-6506 **333** (1) 6507-6617 (m) 6618-6633 **34011** (m) 6634 **3411** (1) 6635-6721 (m) 6722-6727 **35001** (1) 6728-6733 (m) 6734,6735 **351** (1) 6736-6771 (m) 6772-6776 **402201** (mm2) 6777 **40311** (m) 6778 **404001** (4mm) 6779 **4041** (1) 6780,6781 (m) 6782,6783 (mm2) 6784,6785 **41022** (1) 6786 (m) 6787-6790 **4104** (1) 6791 (m) 6792-6795 **41121** (1) 6796-6807 (m) 6808 **41202** (1) 6809 (m) 6810-6812 **4122** (1) 6813-6834 (m) 6835 **41301** (1) 6836-6841 (m) 6842 **414** (1) 6843-6855 **4203** (1) 6856,6857 (m) 6858-6865 (mm2) 6866 **42111** (1) 6867-6875 **4221** (1) 6876-6914 (m) 6915-6927 **4302** (1) 6928 **43101** (1) 6929-6932 **432** (1) 6933-6962 (2) 6963 (m) 6964-6972 **4401** (1) 6973-6983 (mm2) 6984,6985 **45** (1) 6986-6988 (m) 6989-6995 (4mm) 6996,6997 **5112** (1) 6998 (m) 6999-7004 **513** (1) 7005,7006 (m) 7007,7008 **5211** (1) 7009 **531** (1) 7010,7011 (m) 7012,7013 **612** (m) 7014,7015

10-hedra: **028** (1) 7016-7049 (2) 7050-7057 (m) 7058-7066 (4mm) 7067 **0361** (1) 7068-7148 (m) 7149-7174 (3m) 7175-7177 **0442** (1) 7178-7397 (-1) 7398-7400 (2) 7401-7427 (m) 7428,7429 (2/m) 7430,7431 (mmm) 7432 **046** (1) 7433-7618 (2) 7619-7624 (m) 7625-7642 **0523** (1) 7643-7674 (2) 7675-7677 (m) 7678-7696 (mm2) 7697,7698 **05311** (1) 7699-7736 (m) 7737-7739 **0541** (1) 7740-8160 (m) 8161-8186 **0604** (1) 8187,8188 (2) 8189,8190 (m) 8191-8193 (-42m) 8194 **06121** (1) 8195 (m) 8196 **06202** (1) 8197-8210 (2) 8211 (m) 8212 **0622** (1) 8213-8398 (2) 8399-8408 (m) 8409-8412 **06301** (1) 8413-8426 (m) 8427-8429 **064** (1) 8430-8692 (-1) 8693-8695 (2) 8696-8716 (m) 8717-8730 (2/m) 8731-8733 (mm2) 8734-8739 **07111** (1) 8740-8766 **0721** (1) 8767-8954 (2) 8955-8959 (m) 8960-8971 **080002** (m) 8972 (2/m) 8973 (-42m) 8974 (4mm) 8975 **0802** (1) 8976-8987 (2) 8988,8989 (m) 8990-8998 (mm2) 8999-9001 **08101** (1) 9002-9007 (m) 9008 **082** (1) 9009-9092 (2) 9093-9100 (m) 9101-9104 (mm2) 9105-9107 **0901** (1) 9108-9112 (m) 9113,9114 **0A** (1) 9115-9117 (2) 9118-9120 (m) 9121 (2/m) 9122,9123 (4/mmm) 9124 **1252** (1) 9125-9210 (m) 9211-9228 **12601** (1) 9229-9245 (m) 9246-9248 **127** (1) 9249-9300 (m) 9301-9314 **1333** (1) 9315-9378 (m) 9379-9392 (3m) 9393,9394 **13411** (1) 9395-9480 **1351** (1) 9481-9836 (m) 9837-9850 **1414** (1) 9851-9871 (m) 9872-9888 **14221** (1) 9889-9971 (m) 9972 **14302** (1) 9973-9980 **143101** (1) 9981 **1432** (1) 9982-10396 (m) 10397-10432 **14401** (1) 10433-10569 (m) 10570,10571 **145** (1) 10572-10919 (m) 10920-10955 **151201** (1) 10956-10959 **1513** (1) 10960-11050 (m) 11051-11063 **152011** (1) 11064-11066 (m)

11067-11072 **15211** (1) 11073-11199 **153001** (m) 11200 **1531** (1) 11201-11849 (m) 11850-11876 **16021** (1) 11877-11880 (m) 11881 **16102** (1) 11882-11891 (m) 11892 **161101** (1) 11893-11896 **1612** (1) 11897-12037 (m) 12038-12044 **16201** (1) 12045-12130 (m) 12131,12132 **163** (1) 12133-12450 (m) 12451-12481 (3m) 12482,12483 **170011** (1) 12484-12486 (m) 12487-12492 **17011** (1) 12493-12497 (m) 12498 **1711** (1) 12499-12639 (m) 12640-12654 **18001** (1) 12655-12661 **181** (1) 12662-12706 (m) 12707-12717 **2062** (2) 12718 **2143** (1) 12719-12725 **21511** (1) 12726-12737 **2161** (1) 12738-12750 **2224** (1) 12751-12770 (2) 12771-12773 (m) 12774 (2/m) 12775 (mm2) 12776 **22321** (1) 12777-12821 (m) 12822,12823 **22402** (1) 12824-12833 (-1) 12834 (2) 12835 (m) 12836 (2/m) 12837 **224101** (1) 12838-12845 (m) 12846,12847 (mm2) 12848-12850 **2242** (1) 12851-13025 (2) 13026-13028 (m) 13029-13031 (mm2) 13032 **22501** (1) 13033-13062 (m) 13063 **226** (1) 13064-13119 (2) 13120-13126 (m) 13127-13134 (2/m) 13135 (mm2) 13136-13141 **23131** (1) 13142-13160 (m) 13161,13162 **23212** (1) 13163-13165 (2) 13166,13167 **232201** (1) 13168-13171 (2) 13172 (m) 13173-13178 **2323** (1) 13179-13333 (m) 13334-13337 **233011** (1) 13338-13340 **23311** (1) 13341-13514 (m) 13515,13516 **234001** (1) 13517-13523 (m) 13524,13525 **2341** (1) 13526-13958 (m) 13959-13965 **24022** (1) 13966-13976 (2) 13977 (m) 13978-13980 (mm2) 13981 **240301** (m) 13982-13984 **2404** (1) 13985-13989 (m) 13990,13991 **24121** (1) 13992-14057 (m) 14058,14059 **242002** (mm2) 14060 **24202** (1) 14061-14083 (2) 14084 (m) 14085-14089 **242101** (1) 14090-14114 (m) 14115-14117 **2422** (1) 14118-14466 (-1) 14467-14469 (2) 14470-14477 (m) 14478-14486 **24301** (1) 14487-14603 (m) 14604-14609 **244** (1) 14610-14910 (2) 14911-14916 (m) 14917-14936 (mm2) 14937-14939 **2503** (1) 14940-14955 (2) 14956,14957 (m) 14958-14966 **251011** (1) 14967 **25111** (1) 14968-15047 **252001** (1) 15048-15054 (2) 15055 (m) 15056-15059 **2521** (1) 15060-15424 (m) 15425-15437 **26002** (1) 15438-15444 (-1) 15445 (2) 15446,15447 (m) 15448 (2/m) 15449 **260101** (1) 15450-15452 (m) 15453-15458 (mm2) 15459-15461 **2602** (1) 15462-15478 (2) 15479 (m) 15480 **26101** (1) 15481-15504 (m) 15505-15508 **262** (1) 15509-15656 (-1) 15657 (2) 15658-15663 (m) 15664-15678 (2/m) 15679 (mm2) 15680-15686 **2701** (1) 15687-15708 (m) 15709-15713 (mm2) 15714,15715 **28** (1) 15716-15720 (2) 15721-15723 (m) 15724-15727 (mm2) 15728-15730 **30421** (1) 15731 (m) 15732,15733 **305101** (1) 15734 (m) 15735-15737 **3052** (1) 15738 (m) 15739,15740 **30601** (1) 15741,15742 (m) 15743,15744 **31231** (1) 15745-15756 (m) 15757-15760 **31312** (1) 15761 (m) 15762,15763 **313201** (m) 15764-15768 **3133** (1) 15769-15783 (m) 15784 **31411** (1) 15785-15830 (m) 15831-15833 **315001** (1) 15834-15836 (m) 15837-15840 **3151** (1) 15841-15862 (m) 15863-15865 **32122** (1) 15866-15883 **321301** (1) 15884 **3214** (1) 15885-15910 **322111** (1) 15911-15915 **32221** (1) 15916-15976 (m) 15977-15979 **32302** (1) 15980-15996 **323101** (1) 15997-16005 (m) 16006-16008 **3232** (1) 16009-16156 (m) 16157-16162 **32401** (1) 16163-16218 (m) 16219-16221 **325** (1) 16222-16261 (m) 16262-16265 **33013** (3m) 16266 **33031** (1) 16267-16297 (m) 16298 **33112** (1) 16299-16304 (m) 16305,16306 **331201** (1) 16307-16310 (m) 16311 **3313** (1) 16312-16383 (m) 16384-16390 **332011** (1) 16391-16393 **33211** (1) 16394-16539 (m) 16540-16545 **333001** (1) 16546-16555 (m) 16556-16561 **3331** (1) 16562-16785 (m) 16786-16796 **34021** (1) 16797-16801 (m) 16802,16803 **34102** (1) 16804-16807 (m) 16808 **341101** (1) 16809-16813 **3412** (1) 16814-16920 (m) 16921-16925 **34201** (1) 16926-16994 (m) 16995,16996 **343** (1) 16997-17110 (m) 17111-17116 **35011** (1) 17117-17135 (m) 17136-17140 **351001** (1) 17141-17143 (m) 17144-17148 **3511** (1) 17149-17215 (m) 17216-17219 **36001** (1) 17220-17222 **361** (1) 17223-17247 (m) 17248-17250 **4006** (mmm) 17251 (-43m) 17252 **40141** (m) 17253-17255 **40222** (1) 17256-17259 (2) 17260 **4024** (1) 17261-17271 (2) 17272 (m) 17273 (mm2) 17274 **40303** (m) 17275,17276 (3m) 17277 **40321** (1) 17278-17291 (m) 17292-17297 **4042** (1) 17298-17321 (-1) 17322 (2) 17323 (m) 17324-17329 (mm2) 17330 (mmm) 17331 **40501** (1) 17332-17337 (m) 17338,17339 **406** (2) 17340 (m) 17341,17342 (3m) 17343 **410401** (m) 17344 (4mm) 17345,17346 **41131** (1) 17347-17358 (m) 17359,17360 **41212** (1) 17361-17374 **412201** (m) 17375-17377 **4123** (1) 17378-17419 (2) 17420,17421 (m) 17422-17428 (mm2) 17429,17430 **41311** (1) 17431-17464 **414001** (mm2) 17465,17466 **4141** (1) 17467-17523 (m) 17524-17528 **420121** (m) 17529,17530 **420202** (mm2) 17531 **42022** (1) 17532,17533 (mm2) 17534 **420301** (m) 17535,17536 **4204** (1) 17537-17546 (2) 17547 (m) 17548,17549 **42103** (m) 17550,17551 **421111** (1) 17552-17554 **42121** (1) 17555-17582 (m) 17583,17584 **422002** (mm2) 17585 **42202** (1) 17586-17592 **422101** (1) 17593,17594 (m) 17595-17597 **4222** (1) 17598-17692 (2) 17693 (m) 17694-17703 **42301** (1) 17704-17732 (m) 17733-17738 **424** (1) 17739-17760 (-1) 17761 (2) 17762 (m) 17763-17767 (2/m) 17768 (4mm) 17769,17770 **43012** (1) 17771,17772 (m) 17773 **430201** (m) 17774 **4303** (1) 17775-17780 (m) 17781-17785 (3m) 17786 **431011** (1) 17787 **43111** (1) 17788-17810 **432001** (m) 17811-17813 **4321** (1) 17814-17894 (2) 17895-17898 (m) 17899-17902 **440101** (m) 17903 **4402** (1) 17904-17910 (-1) 17911 (2) 17912,17913 (m) 17914-17918 (2/m) 17919 (mm2) 17920,17921 (-42m) 17922 **44101** (1) 17923-17936 (m) 17937,17938 **442** (1) 17939-17954 (2) 17955 (m) 17956-17959 (mm2) 17960 **450001** (4mm) 17961,17962 **4501** (1) 17963-17966 (m) 17967 **46** (1) 17968 (2/m) 17969 (mm2) 17970,17971 **50221** (1) 17972-17974 (m) 17975-17978 **5032** (1) 17979-17987 (m) 17988 **50401** (m) 17989,17990 **505** (1) 17991 (m) 17992-17995 **5113** (1) 17996-17999 **51211** (1) 18000-18003 (m) 18004,18005 **5131** (1) 18006-18020 (m) 18021-18023 **52021** (m) 18024 **52102** (m) 18025 **5212** (1) 18026-18036 **52201** (1) 18037,18038 (m) 18039 **523** (1) 18040-18044 (m) 18045-18047 **5311** (1) 18048-18052 (m) 18053-18058 **541** (1) 18059 (m) 18060 **604** (m) 18061 **6121** (m) 18062,18063 **6202** (mm2) 18064 **622** (m) 18065 (2/m) 18066 **6301** (mm2) 18067,18068 **82** (4mm) 18069

11-hedra: 0281 (1) 18070-18125 (2) 18126 (m) 18127-18135 (mm2) 18136 **0362** (1) 18137-18240 (2) 18241-18244 (m) 18245-18248 **038** (1) 18249-18295 (m) 18296-18301 **0443** (1) 18302-18455 (2) 18456,18457 (m) 18458-18481 (mm2) 18482 **04511** (1) 18483-18534 (m) 18535-18541 **0461** (1) 18542-18944 (2) 18945 (m) 18946-18964 (mm2) 18965 **0524** (1) 18966-18983 (2) 18984,18985 **05321** (1) 18986-19029 (m) 19030,19031 **05402** (1) 19032-19041 (2) 19042,19043 (m) 19044 **0542** (1) 19045-19462 (2) 19463,19464 (m) 19465-19479 **05501** (1) 19480-19529 (m) 19530-19533 **056** (1) 19534-19751 (2) 19752-19756 (m) 19757-19775 **0605** (1) 19776 (m) 19777-19784 (3m) 19785,19786 **06131** (1) 19787-19791 (m) 19792 **06212** (1) 19793-19797 (2) 19798 (m) 19799 **062201** (m) 19800,19801 (mm2) 19802,19803 **0623** (1) 19804-19934 (m) 19935-19944 **063011** (1) 19945-19948 **06311** (1) 19949-20031 (m) 20032-20034 **064001** (mm2) 20035 **0641** (1) 20036-20621 (2) 20622 (m) 20623-20630 (mm2) 20631 **07121** (1) 20632-20650 (m) 20651 **072002** (1) 20652 (m) 20653,20654 **07202** (1) 20655-20660 (2) 20661 (m) 20662 **072101** (1) 20663,20664 **0722** (1) 20665-20807 (2) 20808-20812 (m) 20813-20845 (mm2) 20846 **07301** (1) 20847-20890 (m) 20891-20894 **074** (2) 20895-21109 (2) 21110,21111 (m) 21112-21128 (mm2) 21129 **0803** (1) 21130-21136 (2) 21137 (m) 21138,21139 (mm2) 21140 **081011** (1) 21141-21144 **08111** (1) 21145-21157 (m) 21158 **0821** (1) 21159-21323 (m) 21324-21330 (mm2) 21331,21332 **09002** (1) 21333 **090101** (m) 21334,21335 **0902** (2) 21336 **09101** (1) 21337-21342 (m) 21343,21344 **092** (1) 21345-21392 (2) 21393,21394 (m) 21395-21404 **0A01** (1) 21405-21407 (m) 21408-21415 **0B** (1) 21416,21417 (m) 21418 (mm2) 21419 **1172** (1) 21420-21432 (m) 21433-21435 **119** (1) 21436-21446 (m) 21447-21449 **1253** (1) 21450-21492 (m) 21493-21495 **12611** (1) 21496-21536 **1271** (1) 21537-21655 (m) 21656-21658 **1334** (1) 21659-21693 (m) 21694-21709 (3m) 21710-21712 **13421** (1) 21713-21800 (m) 21801,21802 **13502** (1) 21803-21816 (m) 21817-21820 **135101** (1) 21821-21825 (m) 21826-21828 **1352** (1) 21829-22142 (m) 22143-22167 **13601** (1) 22168-22222 (m) 22223,22224 **137** (1) 22225-22384 (m) 22385-22391 **1415** (1) 22392-22398 **14231** (1) 22399-22471 (m) 22472 **14312** (1) 22473-22486 (m) 22487 **143201** (1) 22488-22505 (m) 22506 **1433** (1) 22507-22839 (m) 22840-

22843 **144011** (1) 22844-22847 (m) 22848,22849 **14411** (1) 22850-23143 (m) 23144-23146 **145001** (1) 23147-23154 (m) 23155-23157 **1451** (1) 23158-23794 (m) 23795-23817 **15122** (1) 23818-23826 (m) 23827-23829 **151301** (1) 23830 **1514** (1) 23831-23882 (m) 23883-23885 **152111** (1) 23886-23895 **15221** (1) 23896-24035 (m) 24036-24039 **15302** (1) 24040-24073 (m) 24074-24078 **153101** (1) 24079-24107 (m) 24108-24110 **1532** (1) 24111-24807 (m) 24808-24816 **15401** (1) 24817-24968 (m) 24969-24972 **155** (1) 24973-25362 (m) 25363-25374 **16031** (1) 25375-25381 **16112** (1) 25382-25390 (m) 25391 **161201** (1) 25392-25396 (m) 25397 **1613** (1) 25398-25489 (m) 25490-25498 **162011** (1) 25499-25510 (m) 25511,25512 **16211** (1) 25513-25675 (m) 25676-25679 **163001** (1) 25680-25690 (m) 25691,25692 **1631** (1) 25693-26309 (m) 26310-26338 (3m) 26339-26341 **17021** (1) 26342-26346 **17102** (1) 26347-26357 (m) 26358 **171101** (1) 26359-26368 **1712** (1) 26369-26473 (m) 26474-26479 **17201** (1) 26480-26521 (m) 26522,26523 **173** (1) 26524-26747 (m) 26748-26760 **18011** (1) 26761-26770 (m) 26771 **181001** (1) 26772,26773 (m) 26774 **1811** (1) 26775-26848 (m) 26849,26850 **19001** (m) 26851,26852 **191** (1) 26853-26874 (m) 26875-26880 **20711** (m) 26881 **208001** (m) 26882 **2144** (1) 26883,26884 **21521** (1) 26885-26888 (m) 26889 **21602** (1) 26890 (m) 26891 **216101** (1) 26892,26893 **2162** (1) 26894-26902 (m) 26903 **21701** (1) 26904,26905 **218** (1) 26906-26908 (m) 26909 (mm2) 26910 **2225** (1) 26911-26913 (m) 26914-26918 (mm2) 26919,26920 **22331** (1) 26921-26957 (m) 26958-26960 **22412** (1) 26961-26975 (m) 26976-26978 **224201** (1) 26979-26993 (2) 26994 (m) 26995 (mm2) 26996 **2243** (1) 26997-27108 (m) 27109-27121 **225011** (1) 27122,27123 (m) 27124 **22511** (1) 27125-27234 (m) 27235-27239 **226001** (1) 27240-27246 (m) 27247,27248 **2261** (1) 27249-27381 (m) 27382-27387 (mm2) 27388-27390 **2306** (3m) 27391 **23141** (1) 27392-27397 **23222** (1) 27398-27437 **232301** (1) 27438-27446 (m) 27447-27451 **2324** (1) 27452-27515 (m) 27516,27517 **23303** (1) 27518,27519 (m) 27520 **233111** (1) 27521-27528 **23321** (1) 27529-27741 (m) 27742,27743 **234002** (1) 27744 **23402** (1) 27745-27779 (m) 27780 **234101** (1) 27781-27823 **2342** (1) 27824-28232 (2) 28233,28234 (m) 28235-28251 **23501** (1) 28252-28378 (m) 28379-28382 **236** (1) 28383-28514 (m) 28515-28525 **24032** (1) 28526-28529 (m) 28530-28535 **240401** (m) 28536 **2405** (1) 28537-28541 (m) 28542-28547 (mm2) 28548 **24113** (1) 28549-28556 **241211** (1) 28557-28559 **24131** (1) 28560-28658 (m) 28659,28660 **24212** (1) 28661-28728 (m) 28729-28731 **242201** (1) 28732-28767 (m) 28768 **2423** (1) 28769-29040 (2) 29041 (m) 29042-29050 **243011** (1) 29051-29059 **24311** (1) 29060-29404 (m) 29405-29410 **244001** (1) 29411-29441 (m) 29442-29444 (mm2) 29445 **2441** (1) 29446-29992 (m) 29993-30007 (mm2) 30008 **250121** (m) 30009 **250202** (1) 30010 (m) 30011,30012 **25022** (1) 30013-30022 **2504** (1) 30023-30040 (m) 30041-30053 **25103** (m) 30054 **251111** (1) 30055-30061 **25121** (1) 30062-30180 **252002** (1) 30181 (m) 30182,30183 **25202** (1) 30184-30218 (m) 30219 **252101** (1) 30220-30245 (m) 30246-30251 **2522** (1) 30252-30627 (2) 30628 (m) 30629-30651 **25301** (1) 30652-30814 (m) 30815-30821 **254** (1) 30822-31063 (2) 31064,31065 (m) 31066-31077 (mm2) 31078 **26012** (1) 31079-31081 **262021** (1) 31082,31083 (m) 31084 (mm2) 31085 **2603** (1) 31086-31111 (3m) 31112,31113 **261011** (1) 31114-31118 **26111** (1) 31119-31191 (m) 31192 **262001** (1) 31193-31203 **2621** (1) 31204-31454 (m) 31455-31473 (mm2) 31474 **270101** (1) 31475 (m) 31476 **2702** (1) 31477-31489 (m) 31490-31494 **27101** (1) 31495-31515 (m) 31516 **272** (1) 31517-31588 (2) 31589 (m) 31590-31597 **280001** (m) 31598 **2801** (1) 31599-31604 (m) 31605-31610 **29** (1) 31611-31614 (m) 31615 (mm2) 31616 (3m) 31617 **31241** (1) 31618,31619 **31322** (1) 31620-31623 **313301** (1) 31624-31626 (m) 31627 **3134** (1) 31628-31634 **314111** (1) 31635-31639 **31421** (1) 31640-31662 (m) 31663 **31502** (1) 31664-31670 **315101** (1) 31671-31675 **3152** (1) 31676-31696 (m) 31697 **31601** (1) 31698,31699 **317** (1) 31700 (m) 31701 **32051** (1) 31702 (m) 31703 **32132** (1) 31704-31713 **321401** (1) 31714,31715 (m) 31716,31717 **3215** (1) 31718-31733 **32213** (1) 31734-31742 (m) 31743 **322211** (1) 31744-31749 (m) 31750,31751 **32231** (1) 31752-31843 (m) 31844,31845 **32312** (1) 31846-31890 **323201** (1) 31891-31916 (m) 31917-31919 **3233** (1) 31920-32078 (m) 32079-32086 **324011** (1) 32087-32094 (m) 32095-32097 **32411** (1) 32098-32251 (m) 32252-32254 **325001** (1) 32255-32259 (m) 32260,32261 **3251** (1) 32262-32387 (m) 32388-32392 **33041** (1) 32393-32398 (m) 32399 **331121** (1) 32400-32405 **331202** (1) 32406-32408 **33122** (1) 32409-32447 **331301** (1) 32448-32453 (m) 32454 **3314** (1) 32455-32516 **33203** (1) 32517-32523 (m) 32524 **332111** (1) 32525-32538 **33221** (1) 32539-32740 (m) 32741-32745 **333002** (1) 32746,32747 **33302** (1) 32748-32782 **333101** (1) 32783-32819 **3332** (1) 32820-33177 (m) 33178-33180 **33401** (1) 33181-33275 (m) 33276,33277 **335** (1) 33278-33355 (m) 33356-33364 **34013** (1) 33365,33366 **340211** (1) 33367-33378 (m) 33379,33380 **34301** (1) 33381-33397 (m) 33398 **34112** (1) 33399-33433 (m) 33434 **341201** (1) 33435-33451 **3413** (1) 33452-33556 (m) 33557-33561 **342011** (1) 33562-33574 (m) 33575,33576 **34211** (1) 33577-33740 (m) 33741-33746 **343001** (1) 33747-33758 (m) 33759-33763 **3431** (1) 33764-34061 (m) 34062-34069 **35021** (1) 34070-34086 (m) 34087,34088 **35102** (1) 34089-34099 **351101** (1) 34100-34111 **3512** (1) 34112-34215 (m) 34216 **35201** (1) 34217-34260 (m) 34261-34264 **353** (1) 34265-34354 (m) 34355-34363 **36011** (1) 34364-34368 **361001** (1) 34369 (m) 34370 **3611** (1) 34371-34412 (m) 34413-34417 **37001** (m) 34418,34419 **371** (1) 34420-34429 (m) 34430-34436 **402401** (m) 34437 **40313** (1) 34438 **403211** (1) 34439 **40331** (1) 34440-34442 (m) 34443 **40412** (1) 34444,34445 **404201** (1) 34446-34448 (m) 34449 **4043** (1) 34450,34451 **405011** (1) 34452 **40511** (1) 34453-34459 (m) 34460 **406001** (1) 34461 **4061** (1) 34462 **41042** (m) 34463 **41123** (1) 34464,34465 (m) 34466 **411311** (1) 34467,34468 **41141** (1) 34469-34475 **41204** (1) 34476 **412121** (1) 34477 (m) 34478-34481 **412202** (1) 34482 **41222** (1) 34483-34509 **412301** (1) 34510-34516 (m) 34517-34520 **4124** (1) 34521-34530 (m) 34531-34533 **413012** (m) 34534 **41303** (m) 34535,34536 **413111** (1) 34537-34543 **41321** (1) 34544-34597 (m) 34598 **41402** (1) 34599-34609 (m) 34610-34612 **414101** (1) 34613-34627 (m) 34628 **4142** (1) 34629-34657 (m) 34658-34661 **41501** (1) 34662-34677 (m) 34678 **416** (1) 34679,34680 **420221** (1) 34681 (2) 34682 (m) 34683 **42032** (1) 34684-34689 (m) 34690,34691 **4205** (1) 34692,34693 (m) 34694,34695 **42113** (1) 34696-34709 **421211** (1) 34710-34720 **42131** (1) 34721-34778 **422021** (1) 34779,34780 **422102** (1) 34781-34783 **42212** (1) 34784-34822 (2) 34823 (m) 34824 **422201** (1) 34825-34834 (2) 34835 (m) 34836,34837 **4223** (1) 34838-34904 (m) 34905,34906 **423011** (1) 34907-34913 (m) 34914 **42311** (1) 34915-35017 (m) 35018-35020 **424001** (1) 35021-35027 (m) 35028,35029 **4241** (1) 35030-35092 (m) 35093,35094 **430103** (3m) 35095 **430121** (m) 35096 **43022** (1) 35097-35113 (m) 35114-35117 **430301** (1) 35118-35120 (m) 35121-35123 **4304** (1) 35124-35130 (m) 35131-35133 (3m) 35134 **431012** (m) 35135 **43103** (1) 35136 (m) 35137 **431111** (1) 35138-35144 **43121** (1) 35145-35209 **432002** (1) 35210 **43202** (1) 35211-35229 (m) 35230-35232 **432101** (1) 35233-35245 (m) 35246-35249 **4322** (1) 35250-35325 (m) 35326-35331 **43301** (1) 35332-35376 (m) 35377,35378 **434** (1) 35379-35399 (m) 35400 **440021** (m) 35401 **44012** (1) 35402-35404 **440201** (1) 35405 (m) 35406 **4403** (1) 35407-35414 (2) 35415 (m) 35416-35420 **441011** (1) 35421,35422 **44111** (1) 35423-35455 (m) 35456 **442001** (1) 35457-35461 **4421** (1) 35462-35512 (m) 35513-35519 **450101** (1) 35520 **4502** (1) 35521,35522 (m) 35523,35524 **45101** (1) 35525-35528 (m) 35529 **452** (1) 35530-35541 (m) 35542,35543 **4601** (m) 35544,35545 **47** (1) 35546,35547 (m) 35548 **50033** (m) 35549 (3m) 35550 **50051** (1) 35551 (m) 35552,35553 **501221** (m) 35554-35556 **50132** (1) 35557-35563 **501401** (m) 35564,35565 **5015** (1) 35566-35569 (m) 35570-35574 **50213** (1) 35575-35578 (m) 35579 **502211** (1) 35580 **50231** (1) 35581-35604 (m) 35605-35607 **503021** (m) 35608-35610 **50312** (1) 35611-35617 (m) 35618-35620 **503201** (1) 35621 (m) 35622-35624 **5033** (1) 35625-35644 (m) 35645-35651 (3m) 35652 **50411** (1) 35653-35669 (m) 35670,35671 **505001** (m) 35672 **5051** (1) 35673-35677 (m) 35678-35682 **510311** (1) 35683-35685 **51041** (1) 35686-35689 (m) 35690 **51122** (1) 35691-35709 **511301** (1) 35710,35711 **5114** (1) 35712-35731 **51203** (1) 35732-35734 (m) 35735 **512111** (1) 35736-35739 **51221** (1) 35740-35784 (m) 35785,35786 **51302** (1) 35787-35793

513101 (1) 35794.35795 **5132** (1) 35796-35839 (m) 35840-35844 **51401** (1) 35845-35854 **515** (1) 35855.35856 (m) 35857.35858
52031 (1) 35859-35871 (m) 35872.35873 **52112** (1) 35874-35880 (m) 35881-35883 **521201** (m) 35884 **5213** (1) 35885-35905 (m)
35906.35907 **522011** (1) 35908 **52211** (1) 35909-35940 (m) 35941.35942 **523001** (m) 35943 **5231** (1) 35944-35963 (m) 35964-
35969 **53003** (3m) 35970 **53021** (1) 35971-35973 (m) 35974 **53102** (1) 35975.35976 **5312** (1) 35977-35986 (m) 35987-35990 **53201**
(1) 35991-35997 **533** (1) 35998-36000 (m) 36001 (3m) 36002 **54011** (1) 36003 **5411** (1) 36004 (m) 36005 **551** (m) 36006.36007
600401 (m) 36008 (mm2) 36009 **60131** (1) 36010-36013 **60212** (1) 36014 **602201** (m) 36015.36016 **6023** (1) 36017.36018 (m)
36019-36022 **60311** (1) 36023-36026 **604001** (mm2) 36027 **6041** (m) 36028 **6104** (1) 36029.36030 (m) 36031 **61121** (1) 36032-
36035 **6122** (1) 36036-36043 (m) 36044 **61301** (1) 36045.36046 **614** (m) 36047 (mm2) 36048 **6203** (m) 36049.36050 **6221** (1)
36051-36053 (m) 36054 **632** (m) 36055 **65** (mm2) 36056 **7013** (m) 36057 **7031** (m) 36058

12-hedra: 00C (m) 36059 (mm2) 36060 (-3m) 36061 **0282** (1) 36062-36103 (2) 36104-36109 (m) 36110-36115 (mm2) 36116-
36119 **02A** (1) 36120-36124 (2) 36125 (m) 36126-36130 (mm2) 36131 **0363** (1) 36132-36199 (2) 36200 (m) 36201-36212 (mm2)
36213 **03711** (1) 36214-36229 (m) 36230-36233 **0381** (1) 36234-36337 (m) 36338-36347 **0444** (1) 36348-36399 (2) 36400-36412
(m) 36413-36421 (2/m) 36422-36424 (mm2) 36425-36428 (-42m) 36429.36430 (mmm) 36431-36433 **04521** (1) 36434-36477 (m)
36478-36480 **04602** (1) 36481.36482 (-1) 36483 (2) 36484-36486 (m) 36487 **046101** (2) 36488 **0462** (1) 36489-36822 (2) 36823-
36829 (m) 36830-36854 (mm2) 36855-36861 **04701** (1) 36862-36886 (m) 36887.36888 **048** (1) 36889-36963 (2) 36964-36972 (m)
36973-36983 (2/m) 36984-36986 (mm2) 36987-36991 (mmm) 36992 (4/mmm) 36993 **0525** (1) 36994-37002 (m) 37003-37008
05331 (1) 37009-37039 (m) 37040 **05412** (1) 37041-37051 (2) 37052 **054201** (1) 37053-37055 (m) 37056-37062 **0543** (1) 37063-
37290 (m) 37291-37305 **055011** (1) 37306-37308 (m) 37309.37310 **05511** (1) 37311-37398 (m) 37399-37401 **056001** (1) 37402 (m)
37403.37404 **0561** (1) 37405-37818 (2) 37819.37820 (m) 37821-37837 (mm2) 37838 **06141** (1) 37839-37842 (m) 37843 **06222** (1)
37844.37845 (2) 37846.37847 (mm2) 37848 **0624** (1) 37849-37911 (2) 37912-37914 (m) 37915.37916 (mm2) 37917-37919 **063111**
(1) 37920.37921 **06321** (1) 37922-38003 (m) 38004-38006 **064002** (2/m) 38007 (mm2) 38008 **06402** (1) 38009-38021 (2) 38022 (m)
38023.38024 **064101** (1) 38025-38035 **0642** (1) 38036-38450 (-1) 38451.38452 (2) 38453-38472 (m) 38473-38496 (mm2) 38497-
38501 **06501** (1) 38502-38550 (m) 38551-38555 **066** (1) 38556-38734 (2) 38735-38742 (m) 38743-38761 (mm2) 38762-38766
07032 (m) 38767 **070401** (mm2) 38768 **07131** (1) 38769-38776 (m) 38777 **072102** (2) 38778 (m) 38779 **07212** (1) 38780-38784
072201 (1) 38785.38786 **0723** (1) 38787-38873 (2) 38874 (m) 38875-38882 (mm2) 38883 **073011** (1) 38884-38886 (m)
38887.38888 **07311** (1) 38889-38960 (m) 38961 **074001** (1) 38962-38965 (2) 38966 (m) 38967 **0741** (1) 38968-39294 (m) 39295-
39310 **0804** (1) 39311-39313 (2) 39314 (m) 39315-39319 (2/m) 39320 (mm2) 39321 (mmm) 39322 (4/mmm) 39323 **081111** (1)
39324.39325 **08121** (1) 39326-39331 **08202** (1) 39332-39334 (-1) 39335 (2) 39336.39337 (m) 39338 **082101** (1) 39339.39340 (2)
39341 (m) 39342-39346 **0822** (1) 39347-39450 (2) 39451-39453 (m) 39454-39459 (mm2) 39460-39462 **08301** (1) 39463-39482 (m)
39483.39484 **084** (1) 39485-39585 (-1) 39586 (2) 39587-39592 (m) 39593-39602 (2/m) 39603 (mm2) 39604-39606 (-42m) 39607
09012 (2) 39608 **090201** (m) 39609 **09111** (1) 39610-39616 (m) 39617 **092001** (1) 39618.39619 (m) 39620 **0921** (1) 39621-39675
(2) 39676 (m) 39677-39685 (mm2) 39686 **0A02** (2) 39687.39688 (m) 39689 (2/m) 39690 **0A101** (1) 39691 (m) 39692 **0A2** (1)
39693-39705 (2) 39706.39707 (m) 39708-39710 **0B0001** (mm2) 39711 **0B01** (1) 39712 **0C** (mm2) 39713 (4/mmm) 39714 **1173** (1)
39715-39717 **11811** (1) 39718-39724 (m) 39725 **1191** (1) 39726-39734 (m) 39735 **1254** (1) 39736-39757 (m) 39758-39760 **12621**
(1) 39761-39789 (m) 39790-39793 **12702** (m) 39794.39795 **127101** (1) 39796 (m) 39797.39798 **1272** (1) 39799-39894 (m) 39895-
39898 **12801** (1) 39899-39918 (m) 39919-39922 **129** (1) 39923-39934 (m) 39935-39938 **1335** (1) 39939-39941 **13431** (1) 39942-
40000 (m) 40001 **13512** (1) 40002-40026 **135201** (1) 40027-40038 **1353** (1) 40039-40217 (m) 40218 **136011** (1) 40219.40220
13611 (1) 40221-40327 (m) 40328-40330 **137001** (1) 40331-40335 (m) 40336 **1371** (1) 40337-40579 (m) 40580-40586 **1416** (1)
40587-40589 (m) 40590-40592 **14241** (1) 40593-40620 (m) 40621-40624 **14322** (1) 40625-40646 (m) 40647-40649 **143301** (1)
40650-40659 (m) 40660-40663 **1434** (1) 40664-40810 (m) 40811-40817 **14403** (1) 40818 **144111** (1) 40819-40824 (m) 40825 **14421**
(1) 40826-41116 (m) 41117-41124 **14502** (1) 41125-41149 (m) 41150-41152 **145101** (1) 41153-41179 (m) 41180-41185 **1452** (1)
41186-41755 (m) 41756-41765 **14601** (1) 41766-41877 (m) 41878-41886 **147** (1) 41887-42023 (m) 42024-42034 **15132** (1) 42035-
42043 **151401** (1) 42044.42045 (m) 42046.42047 **1515** (1) 42048-42063 (m) 42064 **15213** (1) 42065.42066 **152211** (1) 42067-42076
(m) 42077.42078 **15231** (1) 42079-42159 (m) 42160 **153021** (1) 42161.42162 **15312** (1) 42163-42215 (m) 42216 **153201** (1) 42217-
42248 (m) 42249-42252 **1533** (1) 42253-42645 (m) 42646-42655 **154011** (1) 42656-42666 (m) 42667.42668 **15411** (1) 42669-42962
(m) 42963-42969 **155001** (1) 42970-42987 (m) 42988-42991 **1551** (1) 42992-43680 (m) 43681-43697 **16041** (1) 43698-43709 (m)
43710.43711 **16122** (1) 43712-43721 **161301** (1) 43722-43726 (m) 43727 **1614** (1) 43728-43769 (m) 43770 **16203** (1) 43771.43772
162111 (1) 43773-43780 (m) 43781 **16221** (1) 43782-43929 (m) 43930-43936 **16302** (1) 43937-43962 (m) 43963 **163101** (1) 43964-
43993 (m) 43994.43995 **1632** (1) 43996-44440 (m) 44441-44453 **16401** (1) 44454-44578 (m) 44579-44586 **165** (1) 44587-44832
(m) 44833-44848 **17031** (1) 44849 (m) 44850 **17112** (1) 44851-44863 (m) 44864 **171201** (1) 44865-44869 (m) 44870 **1713** (1)
44871-44940 (m) 44941-44946 **172011** (1) 44947.44948 **17211** (1) 44949-45030 (m) 45031-45034 **173001** (1) 45035-45043 (m)
45044-45047 **1731** (1) 45048-45369 (m) 45370-45378 **18021** (1) 45379-45384 (m) 45385 **18102** (1) 45386.45387 **181101** (1) 45388-
45390 (m) 45391 **1812** (1) 45392-45437 (m) 45438-45441 **18201** (1) 45442-45462 (m) 45463-45467 **183** (1) 45468-45561 (m)
45562-45572 **19011** (1) 45573.45574 **191001** (1) 45575 (m) 45576 **1911** (1) 45577-45599 (m) 45600.45601 **1A001** (m) 45602 **1A1**
(1) 45603-45609 (m) 45610-45612 **2064** (2) 45613 **2082** (1) 45614 **20A** (2) 45615 **2145** (mm2) 45616 **21531** (1) 45617-45620 (m)
45621.45622 **21612** (1) 45623 **216201** (1) 45624-45626 (m) 45627 (mm2) 45628 **2163** (1) 45629-45640 (m) 45641-45643 **21711** (1)
45644-45655 (m) 45656 **2181** (1) 45657-45672 (m) 45673.45674 (mm2) 45675.45676 **2226** (2) 45677 **22341** (1) 45678-45683 (m)
45684.45685 **22422** (1) 45686-45702 (-1) 45703 (2) 45704-45708 **224301** (1) 45709-45711 (2) 45712 (m) 45713 **2244** (1) 45714-
45742 (2) 45743-45745 (m) 45746 **225111** (1) 45747 **22521** (1) 45748-45834 (m) 45835.45836 **226002** (2) 45837 **22602** (1) 45838-
45844 (2) 45845 **226101** (1) 45846-45857 **2262** (1) 45858-45967 (-1) 45968 (2) 45969-45977 (m) 45978-45981 **22701** (1) 45982-
46018 (m) 46019.46020 **228** (1) 46021-46047 (2) 46048-46050 (m) 46051-46054 **23151** (m) 46055-46057 **23232** (1) 46058-46072
(m) 46073-46075 **232401** (1) 46076-46083 (m) 46084-46087 **2325** (1) 46088-46107 (m) 46108-46110 **23313** (1) 46111-46124
233211 (1) 46125-46146 **23331** (1) 46147-46278 (m) 46279-46283 **234021** (2) 46284 **234102** (m) 46285.46286 **23412** (1) 46287-
46361 (m) 46362 **234201** (1) 46363-46403 (m) 46404-46407 **2343** (1) 46408-46646 (m) 46647-46654 **235011** (1) 46655-46664
23511 (1) 46665-46851 (m) 46852-46857 **236001** (1) 46858-46867 (2) 46868 (m) 46869-46871 **2361** (1) 46872-47110 (m) 47111-
47119 **24042** (1) 47120 (2) 47121-47123 (2/m) 47124 **240501** (m) 47125 (mm2) 47126 **2406** (1) 47127 (2) 47128 **24123** (1) 47129-
47137 (m) 47138 **24141** (1) 47139-47196 (m) 47197-47199 **24204** (1) 47200.47201 (mm2) 47202 **242121** (1) 47203-47205 (m)
47206 **242202** (2) 47207.47208 (m) 47209 **24222** (1) 47210-47307 (2) 47308-47310 (mm2) 47311.47312 (mm2) 47313 **242301** (1)
47314-47346 (m) 47347.47348 **2424** (1) 47349-47494 (-1) 47495.47496 (2) 47497-47507 (m) 47508-47517 **24303** (1) 47518-47524

243111 (1) 47525-47547 **24321** (1) 47548-47950 (m) 47951-47955 **244002** (2) 47956,47957 (m) 47958 **24402** (1) 47959-48014 (-1) 48015 (2) 48016-48019 (m) 48020,48021 (2/m) 48022 **244101** (1) 48023-48077 (2) 48078 (m) 48079-48082 (mm2) 48083 **2442** (1) 48084-48608 (2) 48609-48617 (m) 48618-48627 **24501** (1) 48628-48758 (m) 48759-48764 **246** (1) 48765-48893 (-1) 48894 (2) 48895-48901 (m) 48902-48908 (2/m) 48909 (mm2) 48910 **250221** (1) 48911,48912 **250302** (m) 48913 **25032** (1) 48914-48916 (m) 48917 **2505** (1) 48918-48925 (2) 48926 (m) 48927 **251112** (1) 48928,48929 **25113** (1) 48930-48938 **251211** (1) 48939-48955 **25131** (1) 48956-49053 (m) 49054,49055 **252021** (1) 49056,49057 **252102** (1) 49058,49059 (m) 49060 **25212** (1) 49061-49117 (2) 49118,49119 **252201** (1) 49120-49146 (2) 49147 (m) 49148-49154 (mm2) 49155 **2523** (1) 49156-49446 (m) 49447-49452 **253011** (1) 49453-49468 **25311** (1) 49469-49771 (m) 49772-49774 **254001** (1) 49775-49793 (m) 49794,49795 **2541** (1) 49796-50257 (2) 50258,50259 (m) 50260-50272 (mm2) 50273,50274 **260121** (1) 50275,50276 **26022** (1) 50277-50281 (2) 50282,50283 (m) 50284-50286 (mm2) 50287 **260301** (1) 50288-50291 (m) 50292 **2604** (1) 50293-50299 (2) 50300 (m) 50301-50303 (mm2) 50304 **26103** (1) 50305 **261111** (1) 50306-50312 **26121** (1) 50313-50378 (m) 50379 **26202** (1) 50380-50392 (2) 50393-50395 (m) 50396,50397 **262101** (1) 50398-50416 (m) 50417-50419 **2622** (1) 50420-50636 (-1) 50637-50639 (2) 50640-50646 (m) 50647-50649 **26301** (1) 50650-50728 (m) 50729-50732 **264** (1) 50733-50869 (2) 50870-50874 (m) 50875-50882 (mm2) 50883 **27012** (1) 50884,50885 **270201** (1) 50886 **2703** (1) 50887-50896 (2) 50897,50898 (m) 50899-50906 **27111** (1) 50907-50930 **272001** (1) 50931-50933 (2) 50934 (m) 50935 **2721** (1) 50936-51050 (m) 51051-51059 **280101** (m) 51060 **2802** (1) 51061-51063 (2) 51064 (m) 51065 **28101** (1) 51066-51069 **282** (1) 51070-51097 (-1) 51098 (2) 51099-51101 (m) 51102-51105 (2/m) 51106 (mm2) 51107 **290001** (m) 51108 **2901** (1) 51109,51110 (2) 51111 (mm2) 51112 **2A** (1) 51113 (2) 51114 (mm2) 51115 **305301** (m) 51116 **307101** (1) 51117 (m) 51118 **31332** (1) 51119 **3135** (1) 51120 **31413** (1) 51121 **314211** (1) 51122,51123 (m) 51124 **31431** (1) 51125-51129 (m) 51130 **315021** (1) 51131 (m) 51132 **31512** (1) 51133-51138 **315201** (1) 51139-51141 (m) 51142 **3153** (1) 51143-51147 (m) 51148 **31611** (1) 51149-51158 (m) 51159 **317001** (1) 51160 (m) 51161 **3171** (1) 51162,51163 (m) 51164-51166 **32142** (1) 51167 (m) 51168,51169 **3216** (1) 51170 (m) 51171 **32223** (1) 51172,51173 (m) 51174-51179 **322311** (1) 51180-51189 (m) 51190 **32241** (1) 51191-51218 (m) 51219-51225 **32304** (1) 51226 **323121** (1) 51227,51228 (m) 51229,51230 **323202** (1) 51231-51233 (m) 51234 **32322** (1) 51235-51290 (m) 51291-51293 **323301** (1) 51294-51317 (m) 51318-51320 **3234** (1) 51321-51376 (m) 51377-51385 **32403** (1) 51386,51387 (m) 51388-51390 **324111** (1) 51391-51413 **32421** (1) 51414-51572 (m) 51573-51580 **325002** (1) 51581 (m) 51582 **32502** (1) 51583-51598 (m) 51599,51600 **325101** (1) 51601-51626 (m) 51627-51629 **3252** (1) 51630-51753 (m) 51754-51765 **32601** (1) 51766-51805 (m) 51806-51812 **327** (1) 51813-51825 (m) 51826-51832 **33033** (1) 51833,51834 **33051** (1) 51835 **33114** (1) 51836 **331221** (1) 51837-51846 (m) 51847 **33132** (1) 51848-51880 **331401** (1) 51881-51886 (m) 51887 **3315** (1) 51888-51902 (m) 51903-51907 **332031** (1) 51908,51909 **332112** (1) 51910-51913 **33213** (1) 51914-51939 **332211** (1) 51940-51983 (m) 51984 **33231** (1) 51985-52122 (m) 52123,52124 **333021** (1) 52125-52131 (m) 52132,52133 **333102** (1) 52134-52137 **33312** (1) 52138-52245 (m) 52246 **333201** (1) 52247-52300 (m) 52301-52303 **3333** (1) 52304-52511 (m) 52512-52521 **334011** (1) 52522-52538 (m) 52539 **33411** (1) 52540-52745 (m) 52746-52751 **335001** (1) 52752-52769 (m) 52770-52773 **3351** (1) 52774-52960 (m) 52961-52970 **34023** (1) 52971-52979 (m) 52980 **340311** (1) 52981-52983 **34041** (1) 52984-53003 (m) 53004-53006 **34104** (1) 53007,53008 **341121** (1) 53009-53020 **341202** (1) 53021 **34122** (1) 53022-53093 (m) 53094 **341301** (1) 53095-53114 (m) 53115-53117 **3414** (1) 53118-53172 (m) 53173-53177 **342012** (1) 53178 **34203** (1) 53179-53186 (m) 53187 **342111** (1) 53188-53222 **34221** (1) 53223-53428 (m) 53429-53437 **343002** (1) 53438 **34302** (1) 53439-53485 **343101** (1) 53486-53526 (m) 53527-53530 **3432** (1) 53531-53794 (m) 53795-53804 **34401** (1) 53805-53892 (m) 53893-53899 **345** (1) 53900-53969 (m) 53970-53983 **35013** (1) 53984-53989 **350211** (1) 53990,53991 **35031** (1) 53992-54017 **351021** (1) 54018,54019 **351102** (1) 54020 **35112** (1) 54021-54046 (m) 54047 **351201** (1) 54048-54060 (m) 54061,54062 **3513** (1) 54063-54125 **352011** (1) 54126-54132 **35211** (1) 54133-54231 (m) 54232,54233 **353001** (1) 54234-54245 (m) 54246-54248 **3531** (1) 54249-54389 (m) 54390-54402 **360111** (1) 54403,54404 **36021** (1) 54405-54411 (m) 54412,54413 **36102** (1) 54414-54416 **361101** (1) 54417-54421 **3612** (1) 54422-54452 (m) 54453-54458 **36201** (1) 54459-54475 (m) 54476-54478 **363** (1) 54479-54513 (m) 54514-54523 **37011** (1) 54524-54526 (m) 54527 **371001** (1) 54528 **3711** (1) 54529-54539 (m) 54540-54543 **381** (1) 54544-54546 (m) 54547-54551 **41214** (1) 54552 **412221** (1) 54553 **412302** (1) 54554 **41232** (1) 54555-54561 **412401** (1) 54562 **4125** (1) 54563,54564 **413031** (1) 54565 **413112** (1) 54566 **41313** (1) 54567-54572 **413211** (1) 54573-54581 **41331** (1) 54582-54597 **414021** (1) 54598,54599 **414102** (1) 54600,54601 **41412** (1) 54602-54618 **414201** (1) 54619-54623 **4143** (1) 54624-54631 **415011** (1) 54632-54635 **41511** (1) 54636-54651 **4161** (1) 54652-54654 **42024** (1) 54655 (2) 54656 (mm2) 54657 **420321** (1) 54658 (m) 54659 **420402** (2/m) 54660 (mm2) 54661 **42042** (1) 54662-54672 (2) 54673 **420501** (1) 54674 (m) 54675 **4206** (1) 54676,54677 (2) 54678 (m) 54679 **421131** (1) 54680,54681 (m) 54682 **42123** (1) 54683-54702 (m) 54703,54704 **421311** (1) 54705-54718 **42141** (1) 54719-54781 (m) 54782-54784 **42204** (1) 54785-54788 (m) 54789 **422103** (m) 54790 **422121** (1) 54791-54800 (m) 54801 **422202** (1) 54802,54803 (2) 54804 (m) 54805 **42222** (1) 54806-54893 (-1) 54894 (2) 54895-54898 (m) 54899-54901 (mm2) 54902 **422301** (1) 54903-54922 (2) 54923 (m) 54924-54928 **4224** (1) 54929-55000 (2) 55001 (m) 55002-55006 **423012** (1) 55007 **42303** (1) 55008-55016 **423111** (1) 55017-55041 **42321** (1) 55042-55201 (m) 55202,55203 **424002** (1) 55204 (2/m) 55205 (mm2) 55206 **42402** (1) 55207-55230 (2) 55231 **424101** (1) 55232-55248 (m) 55249 **4242** (1) 55250-55339 (2) 55340 (m) 55341-55343 (2/m) 55344 (mm2) 55345 **42501** (1) 55346-55372 (m) 55373 **426** (1) 55374-55379 (m) 55380 **430203** (2) 55381 (m) 55382 **430221** (1) 55383-55385 (m) 55386 **43032** (1) 55387-55397 **430401** (1) 55398,55399 (m) 55400 **4305** (1) 55401-55413 (m) 55414 **431112** (1) 55415-55419 **43113** (1) 55420-55437 **431211** (1) 55438-55455 **43131** (1) 55456-55549 (m) 55550,55551 **432021** (1) 55552-55555 (2) 55556 (m) 55557 **432102** (2) 55558 (m) 55559,55560 **43212** (1) 55561-55616 (m) 55617 **432201** (1) 55618-55639 (m) 55640,55641 **4323** (1) 55642-55779 (m) 55780-55786 **433011** (1) 55787-55794 **43311** (1) 55795-55913 **434001** (1) 55914-55919 (m) 55920 (mm2) 55921 **4341** (1) 55922-56008 (m) 56009-56013 **440121** (1) 56014,56015 **440202** (m) 56016 **44022** (1) 56017-56026 (2) 56027 (m) 56028 **440301** (m) 56029 **4404** (1) 56030-56039 (2) 56040 (m) 56041 **44103** (1) 56042-56044 **441111** (1) 56045-56049 **44121** (1) 56050-56107 **44202** (1) 56108-56111 (-1) 56112 **442101** (1) 56113-56118 (2) 56119 (m) 56120-56122 **4422** (1) 56123-56206 (2) 56207 (m) 56208,56209 **44301** (1) 56210-56240 **444** (1) 56241-56260 (m) 56261,56262 (mm2) 56263 **45012** (1) 56264 (2) 56265 (m) 56266,56267 **450201** (m) 56268 **4503** (1) 56269-56275 (m) 56276-56278 **45111** (1) 56279-56285 **452001** (1) 56286 (m) 56287 **4521** (1) 56288-56316 (m) 56317-56319 **4602** (1) 56320 (m) 56321 (2/m) 56322 **46101** (1) 56323 **462** (1) 56324-56329 (m) 56330,56331 **470001** (mm2) 56332 **4701** (m) 56333 **48** (m) 56334 **502212** (m) 56335 **50223** (m) 56336 **502311** (m) 56337 **50241** (m) 56338 **503121** (1) 56339 **503202** (1) 56340 **50322** (1) 56341,56342 **503301** (1) 56343 **504111** (1) 56344,56345 (m) 56346 **50421** (1) 56347-56349 **505002** (m) 56350 **50502** (m) 56351,56352 **505101** (1) 56353 (m) 56354 **50601** (1) 56355,56356 **510231** (m) 56357,56358 **51033** (1) 56359,56360 **510411** (m) 56361,56362 **51051** (m) 56363 **511122** (1) 56364,56365 **51114** (1) 56366-56368 **511203** (m) 56369 **511221** (1) 56370-56380 (m) 56381 **51132** (1) 56382-56398 (m) 56399 **511401** (1) 56400-56402 **5115** (1) 56403-56405 (m) 56406 **512031** (1) 56407-56409 **512112** (1) 56410,56411 **51213** (1) 56412-56426 (m) 56427 **512211** (1) 56428-56443 (m) 56444,56445 **51231** (1) 56446-56465 (m) 56466 **513003** (m) 56467 **513021**

(1) 56468,56469 (m) 56470,56471 **513102** (m) 56472 **51312** (1) 56473-56495 (m) 56496 **513201** (1) 56497-56502 (m) 56503 **5133**
(1) 56504-56511 (m) 56512-56514 **514011** (1) 56515-56518 (m) 56519-56521 **51411** (1) 56522-56531 (m) 56532-56535 **515001** (1)
56536 **5151** (1) 56537 (m) 56538 **520131** (1) 56539 **520212** (1) 56540-56542 (m) 56543 **52023** (1) 56544-56550 **520311** (1) 56551-
56554 (m) 56555 **52041** (1) 56556-56561 (m) 56562 **52104** (1) 56563,56564 **521121** (1) 56565-56576 **521202** (1) 56577,56578
52122 (1) 56579-56609 (m) 56610 **521301** (1) 56611-56616 **5214** (1) 56617-56624 (m) 56625 **522012** (1) 56626,56627 **52203** (1)
56628-56631 **522111** (1) 56632-56645 (m) 56646 **52221** (1) 56647-56677 (m) 56678 **523002** (m) 56679 **52302** (1) 56680-56693 (m)
56694 **523101** (1) 56695-56700 (m) 56701,56702 **5232** (1) 56703-56715 (m) 56716 **52401** (1) 56717-56721 (m) 56722-56724 **53013**
(1) 56725-56728 **530211** (1) 56729,56730 **53031** (1) 56731-56737 (m) 56738 **531021** (1) 56739,56740 **531102** (m) 56741 **53112** (1)
56742-56750 **531201** (1) 56751-56754 (m) 56755 **5313** (1) 56756-56762 **532011** (1) 56763,56764 **53211** (1) 56765-56780 (m)
56781,56782 **533001** (m) 56783,56784 **5331** (1) 56785-56793 (m) 56794-56796 **540111** (1) 56797 **54021** (1) 56798,56799 **54102**
(m) 56800 **541101** (1) 56801 (m) 56802 **5412** (1) 56803-56805 (m) 56806 **54201** (1) 56807,56808 (m) 56809 **543** (1) 56810 **5511** (1)
56811 (m) 56812 **561** (m) 56813 **60006** (-3m) 56814 **600141** (mm2) 56815 **600222** (mm2) 56816 **60024** (1) 56817 (2) 56818 (m)
56819 (mm2) 56820 **600321** (1) 56821 (m) 56822,56823 **60042** (1) 56824-56827 (2) 56828-56830 (m) 56831,56832 (2/m)
56833,56834 **600501** (m) 56835 (mm2) 56836,56837 **6006** (2) 56838 (m) 56839 **601131** (1) 56840 (m) 56841 **601212** (1) 56842
60123 (1) 56843-56851 (m) 56852-56854 **601311** (1) 56855-56859 **60141** (1) 56860-56880 (m) 56881-56884 **60204** (1) 56885
(mm2) 56886 **602121** (1) 56887-56890 **60222** (1) 56891-56910 (2) 56911,56912 (m) 56913-56915 (mm2) 56916 **602301** (1) 56917-
56920 (m) 56921-56923 **6024** (1) 56924-56933 (-1) 56934 (2) 56935-56937 (m) 56938-56940 (2/m) 56941 (mm2) 56942 **60303** (1)
56943-56945 (m) 56946 **603111** (1) 56947 **60321** (1) 56948-56975 (m) 56976-56978 **60402** (2/m) 56979 **604101** (1) 56980 (mm2)
56981 **6042** (1) 56982-56985 (2) 56986 (m) 56987,56988 (mm2) 56989 **60501** (1) 56990 (m) 56991 **606** (2/m) 56992 (mm2) 56993
(-3m) 56994 **610221** (1) 56995,56996 (2) 56997 (m) 56998 **610302** (m) 56999 **61032** (1) 57000-57004 **610401** (1) 57005 **6105** (1)
57006-57009 (m) 57010 (mm2) 57011 **61113** (1) 57012-57019 **611211** (1) 57020-57025 **61131** (1) 57026-57044 (m) 57045 **612021**
(m) 57046 **61212** (1) 57047-57057 (2) 57058 (m) 57059 **612201** (1) 57060 (2) 57061 (m) 57062-57064 **6123** (1) 57065-57081 (m)
57082-57084 **613011** (1) 57085 **61311** (1) 57086-57093 **6141** (1) 57094,57095 (m) 57096,57097 (mm2) 57098,57099 **62022** (1)
57100-57104 **6204** (1) 57105 (m) 57106 **62103** (1) 57107 **62121** (1) 57108-57117 (m) 57118 **62202** (1) 57119 **6222** (1) 57120-57123
(-1) 57124 (2) 57125 (m) 57126,57127 **624** (m) 57128 (mm2) 57129 **63012** (m) 57130 **6303** (2) 57131 (m) 57132 **6321** (m) 57133
6402 (m) 57134 **642** (2/m) 57135 **6501** (mm2) 57136 **700311** (m) 57137 **70122** (1) 57138 **701301** (1) 57139 **70221** (1) 57140 (m)
57141 **703101** (m) 57142 **71031** (1) 57143 **7113** (1) 57144 **71211** (1) 57145 **7212** (m) 57146

13-hedra: 01A2 (1) 57147-57150 (m) 57151-57153 (mm2) 57154 **0283** (1) 57155-57164 (2) 57165,57166 (m) 57167,57168 **02911**
(1) 57169 **02A1** (1) 57170-57186 (m) 57187-57189 (mm2) 57190 **0364** (1) 57191-57218 (m) 57219-57230 (mm2) 57231,57232
(3m) 57233 **03721** (1) 57234-57249 **03802** (1) 57250 **0382** (1) 57251-57312 (m) 57313-57326 (mm2) 57327 **03901** (1) 57328-57330
(m) 57331 **03A** (1) 57332-57343 (2) 57344 (m) 57345-57347 (mm2) 57348,57349 **0445** (1) 57350-57360 (2) 57361 (m)
57362,57363 **04531** (1) 57364-57384 (m) 57385,57386 **04612** (1) 57387-57390 **046201** (1) 57391,57392 (m) 57393,57394 (mm2)
57395 **0463** (1) 57396-57541 (2) 57542 (m) 57543-57547 **04711** (1) 57548-57587 (m) 57588 **048001** (1) 57589 (4mm) 57590 **0481**
(1) 57591-57707 (2) 57708 (m) 57709-57719 **0526** (m) 57720-57725 (mm2) 57726 **05341** (1) 57727-57737 **05422** (1) 57738-57741
054301 (1) 57742,57743 **0544** (1) 57744-57825 (m) 57826-57833 (4mm) 57834,57835 **05503** (1) 57836 **055111** (1) 57837,57838
05521 (1) 57839-57903 (m) 57904 **05602** (1) 57905-57907 **056101** (1) 57908-57912 **0562** (1) 57913-58162 (2) 58163,58164 (m)
58165-58176 (mm2) 58177 **05701** (1) 58178-58202 (m) 58203-58205 **058** (1) 58206-58265 (2) 58266 (m) 58267-58274 (mm2)
58275,58276 **06232** (1) 58277-58279 (2) 58280 **062401** (m) 58281,58282 **0625** (1) 58283-58293 (m) 58294,58295 **063211** (1) 58296
06331 (1) 58297-58327 (m) 58328-58331 **06412** (1) 58332-58345 **064201** (1) 58346-58353 **0643** (1) 58354-58530 (2) 58531-58534
(m) 58535-58553 **06511** (1) 58554-58624 **066001** (1) 58625-58628 **0661** (1) 58629-58847 (2) 58848 (m) 58849-58867 (mm2) 58868
07141 (1) 58869-58872 **072202** (m) 58873 **07222** (1) 58874 **072301** (1) 58875 **0724** (1) 58876-58899 (2) 58900 (m) 58901-58906
(mm2) 58907 **073111** (1) 58908,58909 **07321** (1) 58910-58951 **07402** (1) 58952-58954 **074101** (1) 58955-58958 (m) 58959-58962
(1) 58963-59151 (m) 59152-59161 (mm2) 59162 **07501** (1) 59163-59191 (m) 59192-59194 **076** (1) 59195-59270 (2) 59271-
59273 (m) 59274-59284 (mm2) 59285 **08032** (mm2) 59286 **0805** (m) 59287 **081211** (1) 59288 **08131** (1) 59289-59291 (m) 59292
08212 (1) 59293-59295 **082201** (1) 59296,59297 **0823** (1) 59298-59337 (2) 59338 (m) 59339 **08311** (1) 59340-59364 (m) 59365
084001 (1) 59366-59368 **0841** (1) 59369-59484 (2) 59485 (m) 59486-59495 **090301** (m) 59496 **0904** (m) 59497 (mm2) 59498
09121 (1) 59499-59502 **092101** (1) 59503 **0922** (1) 59504-59529 (2) 59530 (m) 59531-59536 (mm2) 59537 **09301** (1) 59538-59547
(m) 59548 **094** (1) 59549-59578 (2) 59579,59580 (m) 59581-59587 (4mm) 59588,59589 **0A03** (1) 59590 (m) 59591-59593 **0A111**
(1) 59594 **0A2001** (m) 59595 **0A21** (1) 59596-59611 (m) 59612-59616 (mm2) 59617 **0B101** (1) 59618 **0B2** (1) 59619-59621 (2)
59622 (m) 59623-59626 **0C01** (m) 59627 **0D** (mm2) 59628 **1093** (m) 59629,59630 (3m) 59631 **10B1** (1) 59632,59633 (m)
59634,59635 **11821** (1) 59636-59638 **11902** (1) 59639 **1192** (1) 59640-59643 **11B** (1) 59644,59645 (m) 59646-59648 **1255** (1)
59649-59651 (m) 59652-59655 **12631** (1) 59656-59669 **12712** (1) 59670,59671 **127201** (1) 59672 **1273** (1) 59673-59717 (m) 59718-
59725 **12811** (1) 59726-59745 **1291** (1) 59746-59781 (m) 59782-59784 **1336** (1) 59785 (m) 59786 **13441** (1) 59787-59803 (m)
59804,59805 **13522** (1) 59806-59820 (m) 59821 **135301** (1) 59822-59824 (m) 59825-59827 **1354** (1) 59828-59881 (m) 59882-59884
13603 (1) 59885 **136111** (1) 59886,59887 **13621** (1) 59888-59967 (m) 59968,59969 **13702** (1) 59970-59977 **137101** (1) 59978-
59981 (m) 59982-59984 **1372** (1) 59985-60127 (m) 60128-60135 **13801** (1) 60136-60148 **139** (1) 60149-60185 (m) 60186-60190
(3m) 60191 **14251** (1) 60192-60197 **14332** (1) 60198-60207 (m) 60208-60214 **143401** (1) 60215-60220 (m) 60221 **1435** (1) 60222-
60257 (m) 60258-60264 **14413** (1) 60265-60267 **144211** (1) 60268-60271 **14431** (1) 60272-60392 **14512** (1) 60393-60426 (m)
60427-60430 **145201** (1) 60431-60450 (m) 60451,60452 **1453** (1) 60453-60721 (m) 60722-60733 **146011** (1) 60734,60735 **14611**
(1) 60736-60894 (m) 60895 **147001** (1) 60896-60900 (m) 60901 **1471** (1) 60902-61109 (m) 61110-61116 **15142** (1) 61117-61119
151501 (m) 61120 **1516** (1) 61121,61122 **15223** (1) 61123 **152311** (1) 61124-61129 **15241** (1) 61130-61168 (m) 61169 **153121** (1)
61170-61172 **15322** (1) 61173-61203 (m) 61204 **153301** (1) 61205-61219 (m) 61220 **1534** (1) 61221-61333 (m) 61334-61346 **15403**
(1) 61347-61349 **154111** (1) 61350-61359 **15421** (1) 61360-61546 (m) 61547 **15502** (1) 61548-61564 **155101** (1) 61565-61585 **1552**
(1) 61586-61995 (m) 61996-62017 **15601** (1) 62018-62084 **157** (1) 62085-62196 (m) 62197-62207 **16033** (1) 62208 **160411** (m)
62209 **16051** (1) 62210,62211 **16132** (1) 62212-62222 (m) 62223 **161401** (1) 62224-62228 **1615** (1) 62229-62243 (m) 62244-62248
16213 (1) 62249-62251 **162211** (1) 62252-62256 (m) 62257 **16231** (1) 62258-62331 (m) 62332,62333 **16312** (1) 62334-62365 (m)
62366 **163201** (1) 62367-62387 (m) 62388 **1633** (1) 62389-62589 (m) 62590-62603 **164011** (1) 62604,62605 **16411** (1) 62606-
62739 (m) 62740,62741 **165001** (1) 62742-62749 (m) 62750 **1651** (1) 62751-63033 (m) 63034-63046 **17041** (1) 63047-63049 **17122**
(1) 63050-63054 **171301** (1) 63055,63056 **1714** (1) 63057-63074 (m) 63075-63077 **172111** (1) 63078 **17221** (1) 63079-63138 **17302**

(1) 63139-63145 **173101** (1) 63146-63156 **1732** (1) 63157-63345 (m) 63346-63354 **17401** (1) 63355-63388 (m) 63389 **175** (1) 63390-63490 (m) 63491-63501 **18031** (1) 63502-63503 (m) 63504 **1813** (1) 63505-63520 (m) 63521-63522 **18211** (1) 63523-63548 **183001** (1) 63549-63551 **1831** (1) 63552-63630 (m) 63631-63638 **1912** (1) 63639-63656 (m) 63657-63660 **19201** (1) 63661-63664 (m) 63665 **193** (1) 63666-63689 (m) 63690-63696 **1A11** (1) 63697-63700 (m) 63701 **1B1** (1) 63702 (m) 63703-63704 **21541** (1) 63705 **21622** (1) 63706 **2164** (1) 63707-63708 **21721** (1) 63709-63712 **21802** (1) 63713 **2182** (1) 63714-63718 **22351** (m) 63719-63720 **22432** (1) 63721-63726 **224401** (1) 63727 (m) 63728-63729 (mm2) 63730 **2245** (1) 63731-63738 **22513** (1) 63739-63742 (m) 63743 **225211** (1) 63744 **22531** (1) 63745-63787 (m) 63788-63790 **22612** (1) 63791-63802 **226201** (1) 63803 (m) 63804-63806 **2263** (1) 63807-63863 (2) 63864 (m) 63865-63872 **22711** (1) 63873-63910 (m) 63911 **228001** (m) 63912 (mm2) 63913 **2281** (1) 63914-63946 (m) 63947-63950 **23242** (1) 63951-63952 **2326** (1) 63953 **23323** (1) 63954-63960 **233311** (1) 63961-63968 **23341** (1) 63969-64001 **234121** (1) 64002-64007 **234202** (1) 64008 **23422** (1) 64009-64049 (m) 64050 **234301** (1) 64051-64069 **2344** (1) 64070-64136 (m) 64137 **23503** (1) 64138-64143 **235111** (1) 64144-64156 **23521** (1) 64157-64278 (m) 64279-64280 **23602** (1) 64281-64291 **236101** (1) 64292-64302 **2362** (1) 64303-64461 **23701** (1) 64462-64481 (m) 64482-64485 **238** (1) 64486-64503 (m) 64504-64506 **240601** (m) 64507-64508 (mm2) 64509 **24133** (1) 64510-64512 (m) 64513 **241411** (1) 64514-64515 **24151** (1) 64516-64527 **24214** (1) 64528-64531 **242221** (1) 64532-64534 (m) 64535-64536 **242302** (1) 64537 **24232** (1) 64538-64598 **242401** (1) 64599-64610 (m) 64611-64612 (mm2) 64613 **2425** (1) 64614-64650 (2) 64651 (m) 64652-64659 **243031** (1) 64660 **24313** (1) 64661-64683 (m) 64684-64685 **243211** (1) 64686-64712 (m) 64713 **24331** (1) 64714-64931 (m) 64932-64934 **244021** (1) 64935 **244102** (1) 64936 **24412** (1) 64937-65029 **244201** (1) 65030-65073 (m) 65074-65077 (mm2) 65078 **2443** (1) 65079-65327 (2) 65328 (m) 65329-65338 **245011** (1) 65339-65345 **24511** (1) 65346-65543 (m) 65544-65545 **246001** (1) 65546-65553 (m) 65554 (mm2) 65555 **2461** (1) 65556-65742 (2) 65743 (m) 65744-65751 **251212** (1) 65752 **25123** (1) 65753-65756 **251311** (1) 65757-65762 **25141** (1) 65763-65791 (m) 65792 **252022** (m) 65793 **25204** (1) 65794 **252121** (1) 65795-65800 **252202** (1) 65801 (m) 65802 **25222** (1) 65803-65855 (m) 65856 **252301** (1) 65857-65868 (m) 65869-65872 **2524** (1) 65873-65971 (m) 65972 **25303** (1) 65973-65976 **253111** (1) 65977-65992 **25321** (1) 65993-66210 (m) 66211-66212 **25402** (1) 66213-66237 **254101** (1) 66238-66264 (m) 66265-66266 **2542** (1) 66267-66578 (m) 66579-66583 (mm2) **66584 25501** (1) 66585-66653 (m) 66654-66658 **256** (1) 66659-66727 (m) 66728-66734 (mm2) 66735 **26014** (1) 66736 **260221** (1) 66737 **26032** (1) 66738-66741 (m) 66742 **260401** (1) 66743-66744 (m) 66745 **2605** (1) 66746-66748 (m) 66749 **261031** (1) 66750 **26113** (1) 66751-66756 **261211** (1) 66757-66763 **26131** (1) 66764-66797 (m) 66798-66800 **26212** (1) 66801-66825 **262201** (1) 66826-66840 **2623** (1) 66841-66941 (2) 66942 (m) 66943-66950 **263011** (1) 66951 **26311** (1) 66952-67052 **264001** (1) 67053-67059 **2641** (1) 67060-67246 (2) 67247 (m) 67248-67255 **270121** (m) 67256 **27022** (1) 67257-67258 (m) 67259 **270301** (1) 67260 (m) 67261 **2704** (1) 67262 (m) 67263-67265 **271111** (1) 67266 **27121** (1) 67267-67287 **27202** (1) 67288-67289 **272101** (1) 67290-67293 (m) 67294-67295 **2722** (1) 67296-67354 (m) 67355-67356 **27301** (1) 67357-67379 (m) 67380-67382 **274** (1) 67383-67431 (m) 67432-67436 (mm2) 67437 **2803** (1) 67438-67439 **28111** (1) 67440-67444 **282001** (1) 67445 **2821** (1) 67446-67470 (m) 67471-67473 **2902** (1) 67474 (m) 67475-67477 (mm2) 67478 **29101** (1) 67479 **292** (1) 67480-67486 (m) 67487-67489 (mm2) 67490 **2B** (m) 67491 **31423** (m) 67492 **314311** (1) 67493 **31441** (1) 67494-67495 (m) 67496 **315121** (1) 67497 (m) 67498 **31522** (1) 67499-67503 **315301** (1) 67504-67506 (m) 67507 **3154** (1) 67508-67511 (m) 67512-67513 **31603** (m) 67514 **316111** (1) 67515 **31621** (1) 67516-67527 (m) 67528-67529 **31702** (1) 67530 **317101** (1) 67531 **3172** (1) 67532-67541 (m) 67542-67544 **31801** (1) 67545 (m) 67546 **319** (1) 67547 (m) 67548-67549 **32233** (1) 67550 **32251** (1) 67551-67553 **32314** (1) 67554 **323221** (1) 67555-67557 (m) 67558 **32332** (1) 67559-67573 **323401** (1) 67574-67575 (m) 67576 **3235** (1) 67577-67583 (m) 67584 **324112** (1) 67585 **32413** (1) 67586-67596 **324211** (1) 67597-67608 **32431** (1) 67609-67667 **325021** (1) 67668-67669 **32512** (1) 67670-67695 (m) 67696 **325201** (1) 67697-67710 (m) 67711 **3253** (1) 67712-67764 (m) 67765-67766 **326011** (1) 67767-67768 **32611** (1) 67769-67819 **327001** (1) 67820-67821 (m) 67822 **3271** (1) 67823-67852 (m) 67853 **33043** (3m) 67854 **33061** (m) 67855 **331321** (1) 67856-67857 (m) 67858-67859 **331402** (1) 67860 **33142** (1) 67861-67866 **331501** (1) 67867-67868 (m) 67869-67870 **3316** (1) 67871 (m) 67872-67873 **332131** (1) 67874-67876 **332212** (1) 67877-67880 **33223** (1) 67881-67896 **332311** (1) 67897-67914 **33241** (1) 67915-67958 (m) 67959 **333022** (1) 67960 **333121** (1) 67961-67982 **333202** (1) 67983-67988 **33322** (1) 67989-68053 (m) 68054-68057 **333301** (1) 68058-68079 (m) 68080-68082 **3334** (1) 68083-68142 (m) 68143-68147 **334012** (1) 68148 **33403** (1) 68149-68160 **334111** (1) 68161-68189 **33421** (1) 68190-68323 (m) 68324-68325 **33502** (1) 68326-68341 **335101** (1) 68342-68356 (m) 68357-68359 **3352** (1) 68360-68465 (m) 68466-68468 **33601** (1) 68469-68495 (m) 68496 **337** (1) 68497-68513 (m) 68514-68515 **34015** (1) 68516 **340231** (1) 68517-68518 (m) 68519 **34033** (1) 68520-68530 **340411** (1) 68531-68536 (m) 68537 **34051** (1) 68538-68547 (m) 68548-68549 **34114** (1) 68550-68556 **341221** (1) 68557-68567 (m) 68568 **341302** (1) 68569 **34132** (1) 68570-68636 **341401** (1) 68637-68649 (m) 68650-68651 **3415** (1) 68652-68674 (m) 68675 **342031** (1) 68676-68677 (m) 68678 **342112** (1) 68679 **34213** (1) 68680-68710 (m) 68711 **342211** (1) 68712-68752 (m) 68753 **34231** (1) 68754-68906 (m) 68907-68909 **343021** (1) 68910-68912 **343102** (1) 68913-68915 **34312** (1) 68916-69004 (m) 69005 **343201** (1) 69006-69046 (m) 69047-69049 **3433** (1) 69050-69180 (m) 69181-69188 **344011** (1) 69189-69199 **34411** (1) 69200-69325 (m) 69326 **345001** (1) 69327-69331 (m) 69332-69333 **3451** (1) 69334-69411 (m) 69412-69418 **35023** (1) 69419-69423 **35041** (1) 69424-69441 **35104** (1) 69442-69443 **351121** (1) 69444-69445 **35122** (1) 69446-69484 **351301** (1) 69485-69492 **3514** (1) 69493-69533 (m) 69534-69536 **35203** (1) 69537-69538 **352111** (1) 69539-69544 **35221** (1) 69545-69662 (m) 69663 **35302** (1) 69664-69681 **353101** (1) 69682-69699 **3532** (1) 69700-69806 (m) 69807-69814 **35401** (1) 69815-69843 (m) 69844 **355** (1) 69845-69867 (m) 69868-69871 **36013** (1) 69872 (m) 69873 **36031** (1) 69874-69882 (m) 69883 **36112** (1) 69884-69888 **3613** (1) 69889-69918 (m) 69919-69921 **36211** (1) 69922-69962 (m) 69963 **363001** (1) 69964-69966 **3631** (1) 69967-70011 (m) 70012-70016 (3m) 70017 **37021** (1) 70018 **3712** (1) 70019-70029 **37201** (1) 70030-70036 **373** (1) 70037-70042 (m) 70043-70045 **3811** (1) 70046-70050 (m) 70051-70053 **391** (m) 70054 **413212** (1) 70055 **41323** (1) 70056 **413311** (1) 70057 **41341** (1) 70058 **414121** (1) 70059-70060 **415012** (1) 70061 **41503** (1) 70062 **415111** (1) 70063 **41521** (1) 70064 **42115** (m) 70065 **421231** (1) 70066 **421312** (m) 70067 **42133** (1) 70068-70073 (m) 70074-70075 **421411** (1) 70076-70078 **42151** (1) 70079-70086 (m) 70087 **422041** (m) 70088 (mm2) 70089 **422122** (1) 70090 **42214** (1) 70091-70096 **422203** (m) 70097 **422221** (1) 70098-70108 (m) 70109-70112 **422302** (1) 70113-70115 **42232** (1) 70116-70158 (2) 70159 (m) 70160-70166 **422401** (1) 70167-70172 (m) 70173 (mm2) 70174-70175 **4225** (1) 70176-70188 (m) 70189-70193 **423031** (1) 70194 **423112** (1) 70195-70196 (m) 70197 **42313** (1) 70198-70217 (m) 70218-70219 **423211** (1) 70220-70245 **42331** (1) 70246-70330 (m) 70331-70332 **424021** (1) 70333-70336 **424102** (1) 70337-70338 **42412** (1) 70339-70374 (m) 70375-70380 **424201** (1) 70381-70393 (m) 70394-70396 **4243** (1) 70397-70442 (2) 70443-70444 (m) 70445-70452 **425011** (1) 70453-70455 **42511** (1) 70456-70496 **426001** (1) 70497-70499 (mm2) 70500 **4261** (1) 70501-70512 (m) 70513-70515 **430222** (1) 70516 (m) 70517 **430321** (1) 70518-70519 **43042** (1) 70520 **430501** (m) 70521-70522 **431113** (1) 70523 **431131** (1) 70524-70526 **431212** (1) 70527-70532 **43123** (1) 70533-70541 (m) 70542-70543 **431311** (1) 70544-70555 **43141** (1) 70556-70575 (m) 70576-70577 **432022** (1) 70578-70579 **43204** (1) 70580 **432121** (1) 70581-70598 (m) 70599-70600 **432202** (1) 70601-70604 (m) 70605 **43222** (1) 70606-

70655 **432301** (1) 70656-70667 (m) 70668 **4324** (1) 70669-70696 (m) 70697-70702 (mm2) 70703 **43303** (1) 70704-70711 (m) 70712 **433111** (1) 70713-70733 **43321** (1) 70734-70826 (m) 70827-70829 **43402** (1) 70830-70839 **434101** (1) 70840-70849 (m) 70850,70851 **4342** (1) 70852-70900 (m) 70901-70907 **43501** (1) 70908-70925 (m) 70926,70927 **436** (1) 70928-70935 (m) 70936-70939 (mm2) 70940 **440041** (4mm) 70941 **440122** (1) 70942 **44014** (m) 70943 **440221** (1) 70944-70946 (m) 70947,70948 **440302** (1) 70949 **44032** (1) 70950-70952 (m) 70953 (mm2) 70954 **440401** (1) 70955 (m) 70956 (mm2) 70957 **4405** (m) 70958,70959 **441031** (1) 70960,70961 **441112** (1) 70962 **44113** (1) 70963-70971 (m) 70972 **441211** (1) 70973-70986 (m) 70987 **44131** (1) 70988-71010 (m) 71011-71013 **442102** (1) 71014 **44212** (1) 71015-71039 (m) 71040 **442201** (1) 71041-71050 (m) 71051,71052 **4423** (1) 71053-71083 (2) 71084 (m) 71085-71091 **443011** (1) 71092-71094 **44311** (1) 71095-71131 (m) 71132 **444001** (1) 71133,71134 (4mm) 71135 **4441** (1) 71136-71160 (2) 71161 (m) 71162-71167 **450121** (1) 71168 **45022** (1) 71169-71171 (m) 71172 **450301** (1) 71173 (m) 71174,71175 **4504** (1) 71176 (m) 71177 (4mm) 71178 **451111** (1) 71179,71180 **45121** (1) 71181-71190 **45202** (1) 71191,71192 **452101** (1) 71193-71195 (m) 71196 **4522** (1) 71197-71210 (m) 71211-71214 **45301** (1) 71215-71219 (m) 71220-71222 **454** (1) 71223-71227 (m) 71228-71232 **46111** (1) 71233-71235 **462001** (m) 71236 **4621** (1) 71237-71239 (m) 71240 (mm2) 71241 **4702** (m) 71242 **472** (1) 71243 (m) 71244-71246 (mm2) 71247 **4801** (m) 71248 **49** (4mm) 71249 **512113** (1) 71250 **512131** (1) 71251-71253 **512212** (1) 71254,71255 **51223** (1) 71256-71259 **512311** (1) 71260-71262 **51241** (1) 71263,71264 **513022** (1) 71265 **513103** (1) 71266 **513121** (1) 71267-71273 **513202** (1) 71274 **51322** (1) 71275-71279 **513301** (1) 71280 **5134** (1) 71281 **514012** (1) 71282,71283 **51403** (1) 71284,71285 **514111** (1) 71286-71290 **51421** (1) 71291 **51502** (1) 71292 **520051** (m) 71293 **520132** (1) 71294 **52015** (1) 71295-71297 **520231** (1) 71298-71305 (m) 71306 **520312** (1) 71307,71308 **52033** (1) 71309-71326 (m) 71327,71328 **520411** (1) 71329-71337 (m) 71338 **52051** (1) 71339-71348 (m) 71349 **521041** (1) 71350 **521122** (1) 71351-71353 **52114** (1) 71354-71365 **521221** (1) 71366-71385 (m) 71386 **521302** (1) 71387-71389 **52132** (1) 71390-71449 **521401** (1) 71450-71460 (m) 71461 **5215** (1) 71462-71470 (m) 71471 **522031** (1) 71472-71475 **522112** (1) 71476-71478 **52213** (1) 71479-71503 (m) 71504 **522211** (1) 71505-71533 (m) 71534 **52231** (1) 71535-71600 (m) 71601,71602 **523021** (1) 71603-71606 **523102** (1) 71607,71608 **52312** (1) 71609-71645 (m) 71646 **523201** (1) 71647-71657 (m) 71658 **5233** (1) 71659-71679 (m) 71680,71681 **524011** (1) 71682-71684 **52411** (1) 71685-71701 (m) 71702 **525001** (m) 71703 **5251** (1) 71704-71707 **530131** (1) 71708,71709 **53023** (1) 71710-71716 **530311** (1) 71717-71720 **53041** (1) 71721-71734 **53104** (1) 71735-71737 **531121** (1) 71738-71741 **53122** (1) 71742-71770 **531301** (1) 71771-71776 **5314** (1) 71777-71788 **53203** (1) 71789-71792 **532111** (1) 71793-71798 **53221** (1) 71799-71843 (m) 71844 **53302** (1) 71845-71850 **533101** (1) 71851-71855 **5332** (1) 71856-71871 (m) 71872 **53401** (1) 71873-71877 **535** (m) 71878 **54013** (1) 71879,71880 **54031** (1) 71881-71885 (m) 71886 **54112** (1) 71887-71892 **5413** (1) 71893-71900 (m) 71901 **54211** (1) 71902-71912 **543001** (1) 71913 **5431** (1) 71914-71917 (m) 71918,71919 **5512** (1) 71920,71921 **55201** (1) 71922 (m) 71923 **553** (1) 71924 **5611** (1) 71925 **571** (m) 71926 **610204** (m) 71927 **610222** (1) 71928 (m) 71929 **611113** (1) 71930,71931 **611131** (1) 71932,71933 **611212** (1) 71934-71936 **61123** (1) 71937 **611311** (1) 71938,71939 **612022** (1) 71940 (m) 71941 **612103** (m) 71942 **612121** (1) 71943-71947 (m) 71948 **612202** (1) 71949 (m) 71950 **61222** (m) 71951 **61303** (1) 71952 **613111** (1) 71953,71954 **620122** (1) 71955 **620221** (1) 71956 **62032** (1) 71957 **621031** (1) 71958 **621112** (1) 71959 **62113** (1) 71960 **621211** (1) 71961-71963 **622102** (1) 71964 **62212** (1) 71965 **630121** (m) 71966 **630301** (m) 71967 **632101** (1) 71968 **6322** (m) 71969 **700033** (3m) 71970 **700051** (m) 71971 **700132** (1) 71972 **70015** (1) 71973 (m) 71974 **700213** (m) 71975 **700231** (1) 71976-71979 (m) 71980,71981 **700312** (m) 71982 **70033** (1) 71983-71988 (m) 71989 (3m) 71990 **700411** (1) 71991,71992 (m) 71993 **70051** (1) 71994 (m) 71995 **701041** (m) 71996 **701122** (1) 71997,71998 **70114** (1) 71999-72002 **701221** (1) 72003-72008 (m) 72009 **701302** (1) 72010 **70132** (1) 72011-72021 (m) 72022,72023 **701401** (1) 72024,72025 (m) 72026 **7015** (1) 72027 (m) 72028 **702031** (1) 72029 (m) 72030 **702112** (m) 72031 **70213** (1) 72032-72035 (m) 72036,72037 **702211** (1) 72038-72042 (m) 72043 **70231** (1) 72044-72049 (m) 72050,72051 **703021** (1) 72052 **70312** (1) 72053-72056 (m) 72057 **703201** (1) 72058 (m) 72059 **7033** (1) 72060 **70411** (1) 72061,72062 **705001** (m) 72063 **7051** (m) 72064 **710131** (1) 72065 **71023** (1) 72066 (m) 72067 **71041** (1) 72068-72070 (m) 72071 **71104** (1) 72072 **711121** (1) 72073 **71122** (1) 72074-72076 **711301** (1) 72077 **7114** (1) 72078 (m) 72079 **712111** (1) 72080 **71221** (1) 72081-72086 (m) 72087 **71302** (1) 72088 **7132** (m) 72089 **71401** (m) 72090 **715** (m) 72091 **72013** (m) 72092 **72031** (m) 72093 **72112** (1) 72094 **7213** (m) 72095 **72211** (1) 72096 **7231** (m) 72097 **733** (3m) 72098

14-hedra: 01A3 (m) 72099 **0284** (1) 72100,72101 (2) 72102-72104 (m) 72105 (2/m) 72106 (mm2) 72107 (mmm) 72108 (4/mmm) 72109 **02921** (m) 72110,72111 **02A2** (1) 72112-72114 (mm2) 72115,72116 **02B01** (m) 72117 **02C** (mmm) 72118 **0365** (1) 72119-72121 (2) 72122 (mm2) 72123 **03731** (1) 72124-72126 (m) 72127,72128 **0383** (1) 72129-72149 (m) 72150-72153 **03911** (1) 72154,72155 (m) 72156 **03A1** (1) 72157-72161 (m) 72162 (mm2) 72163 **0446** (2) 72164,72165 (m) 72166-72168 (mm2) 72169,72170 **04541** (1) 72171-72173 (m) 72174 **04622** (2) 72175-72177 (2/m) 72178 **046301** (m) 72179 (mm2) 72180 **0464** (1) 72181-72204 (2) 72205-72208 (m) 72209-72212 (mm2) 72213 **04721** (1) 72214-72224 (m) 72225-72228 **04802** (2) 72229 **048101** (m) 72230 **0482** (1) 72231-72264 (-1) 72265,72266 (2) 72267-72274 (m) 72275-72279 (mm2) 72280 **04901** (1) 72281 (m) 72282-72285 **04A** (1) 72286,72287 (m) 72288 (mm2) 72289 **05351** (1) 72290 (m) 72291 **05432** (1) 72292 (mm2) 72293 **054401** (m) 72294 (4mm) 72295 **0545** (1) 72296-72309 (m) 72310 **05531** (1) 72311-72324 (m) 72325-72328 **05612** (1) 72329 **056201** (1) 72330 (m) 72331 **0563** (1) 72332-72395 (2) 72396-72398 (m) 72399-72410 **05711** (1) 72411-72423 (m) 72424,72425 **058001** (mm2) 72426 **0581** (1) 72427-72454 (m) 72455-72460 **06008** (-3m) 72461 (m-3m) 72462 **06242** (mm2) 72463 **0626** (1) 72464 (2) 72465 (m) 72466 (mm2) 72467 **06323** (m) 72468 **063311** (m) 72469 **06341** (1) 72470-72473 (m) 72474 **06422** (1) 72475-72477 (m) 72478 **064301** (1) 72479 (m) 72480 **0644** (1) 72481-72508 (2) 72509-72517 (m) 72518-72521 (2/m) 72522,72523 (mm2) 72524-72526 (mmm) 72527 **06521** (1) 72528-72544 (m) 72545-72549 **06602** (1) 72550 **066101** (1) 72551 (m) 72552,72553 **0662** (1) 72554-72627 (2) 72628-72633 (m) 72634-72642 (mm2) 72643 **06701** (1) 72644-72646 (m) 72647-72652 **068** (1) 72653-72657 (-1) 72658 (2) 72659-72661 (m) 72662-72664 (2/m) 72665 (4/mmm) 72666 **07151** (m) 72667 **07232** (m) 72668,72669 **0725** (1) 72670,72671 (m) 72672-72676 (mm2) 72677 **07331** (1) 72678-72683 (m) 72684-72688 **0743** (1) 72689-72735 (m) 72736-72742 **07511** (1) 72743-72754 (m) 72755,72756 **076001** (m) 72757 **0761** (1) 72758-72794 (2) 72795 (m) 72796-72801 (mm2) 72802,72803 **080402** (4/mmm) 72804 **0806** (mm2) 72805 **081311** (m) 72806 **08222** (2) 72807 (2/m) 72808 **082301** (m) 72809 (mm2) 72810 **0824** (1) 72811-72813 (2) 72814,72815 (m) 72816-72820 **08321** (1) 72821 (m) 72822,72823 **084101** (m) 72824 **0842** (1) 72825-72858 (2) 72859-72862 (m) 72863-72872 (2/m) 72873-72875 (mm2) 72876,72877 **08501** (1) 72878 (m) 72879-72883 **086** (1) 72884-72888 (2) 72889 (m) 72890-72894 **09032** (mm2) 72895 **09131** (1) 72896 (m) 72897 **0923** (1) 72898-72900 (2) 72901 (m) 72902-72905 **09311** (1) 72906 (m) 72907 **094001** (4mm) 72908 **0941** (1) 72909-72921 (m) 72922-72925 **0A04** (mm2) 72926 (4mm) 72927 (mmm) 72928 **0A22** (1) 72929-72931 (2) 72932 (m) 72933-72936 **0A301** (m) 72937 **0A4** (1) 72938 (m) 72939 (2/m) 72940,72941 (mm2) 72942 **0B21** (m) 72943,72944 (mm2) 72945 **0C02** (mm2) 72946 (-3m) 72947 **0E** (4/mmm) 72948 **1175** (m) 72949,72950 **11831** (1) 72951 **1193** (1) 72952-72954 (m) 72955,72956 **11A11** (1) 72957 **12641** (1) 72958,72959 **12722** (1) 72960 **1274** (1) 72961-72967 **12821** (1) 72968-

72973 **1292** (1) 72974-72989 (m) 72990,72991 **12A01** (1) 72992,72993 **1337** (3m) 72994 **13451** (1) 72995-72997 **13532** (1) 72998-73001 (m) 73002,73003 **135401** (1) 73004 **1355** (1) 73005-73016 (m) 73017-73020 **13631** (1) 73021-73042 **13712** (1) 73043,73044 (m) 73045 **137201** (1) 73046 **1373** (1) 73047-73084 (m) 73085-73087 **13811** (1) 73088-73100 **1391** (1) 73101-73120 (m) 73121 **14342** (1) 73122,73123 **143501** (m) 73124,73125 **1436** (1) 73126,73127 **14423** (1) 73128,73129 **144311** (1) 73130,73131 **14441** (1) 73132-73154 **14522** (1) 73155-73169 **145301** (1) 73170-73174 (m) 73175,73176 **1454** (1) 73177-73232 (m) 73233-73238 **146111** (1) 73239 **14621** (1) 73240-73286 **14702** (1) 73287-73289 **147101** (1) 73290-73293 **1472** (1) 73294-73375 (m) 73376-73383 **14801** (1) 73384-73393 **149** (1) 73394-73398 (m) 73399,73400 **15152** (m) 73401 **1517** (m) 73402 **15233** (1) 73403 **152411** (1) 73404 **15251** (1) 73405-73410 **15332** (1) 73411-73422 **153401** (1) 73423-73425 **1535** (1) 73426-73443 (m) 73444,73445 **154211** (1) 73446 **15431** (1) 73447-73501 **15512** (1) 73502-73507 **155201** (1) 73508-73511 **1553** (1) 73512-73614 (m) 73615-73617 **15611** (1) 73618-73657 **157001** (1) 73658 **1571** (1) 73659-73723 (m) 73724,73725 **161321** (1) 73726 **16142** (1) 73727,73728 **161501** (1) 73729 **1616** (1) 73730,73731 (m) 73732,73733 **16223** (1) 73734-73736 **162311** (1) 73737-73739 **16241** (1) 73740-73756 **16322** (1) 73757-73768 (m) 73769 **163301** (1) 73770-73775 **1634** (1) 73776-73824 (m) 73825-73828 (3m) 73829 **164111** (1) 73830 **16421** (1) 73831-73869 **16502** (1) 73870,73871 **165101** (1) 73872-73875 **1652** (1) 73876-73980 (m) 73981-73983 **16601** (1) 73984-73994 **167** (1) 73995-74005 (m) 74006,74007 **17132** (1) 74008-74010 **1715** (1) 74011-74013 **17231** (1) 74014-74031 **17312** (1) 74032,74033 **173201** (1) 74034,74035 **1733** (1) 74036-74079 (m) 74080-74082 **17411** (1) 74083-74098 **175001** (1) 74099,74100 **1751** (1) 74101-74146 (m) 74147-74149 **1814** (1) 74150-74153 (m) 74154 **18221** (1) 74155-74157 **1832** (1) 74158-74185 (m) 74186-74188 **18401** (1) 74189-74191 **185** (1) 74192-74196 (m) 74197 **1913** (1) 74198,74199 (m) 74200 **1931** (1) 74201-74209 (m) 74210 **1A12** (1) 74211 **1B11** (m) 74212 **2066** (-3m) 74213 **20822** (mm2) 74214 **2084** (m) 74215 **20921** (1) 74216 **20A2** (2) 74217,74218 (2/m) 74219 **20B01** (m) 74220 **2183** (m) 74221,74222 **21A1** (1) 74223,74224 (m) 74225 **22442** (2) 74226 (mm2) 74227 **2246** (2) 74228 (mm2) 74229 **22523** (1) 74230,74231 **225311** (m) 74232 **22541** (1) 74233-74240 **22604** (2) 74241 **22622** (1) 74242-74250 (2) 74251 (mm2) 74252 **226301** (1) 74253 **2264** (1) 74254-74266 (2) 74267-74269 **22721** (1) 74270-74290 (m) 74291 **22802** (2) 74292 **228101** (m) 74293 **2282** (1) 74294-74307 (2) 74308-74312 **22901** (1) 74313-74316 (m) 74317,74318 **22A** (2) 74319 (2/m) 74320 **232601** (mm2) 74321 **233411** (1) 74322 (m) 74323 **23351** (1) 74324,74325 (m) 74326 **23414** (m) 74327 **234221** (1) 74328 (m) 74329 **23432** (1) 74330-74339 (m) 74340 **234401** (1) 74341-74343 (m) 74344,74345 **2345** (1) 74346-74351 (2) 74352 (m) 74353-74356 **23513** (1) 74357-74359 **235211** (1) 74360-74362 (m) 74363 **23531** (1) 74364-74396 (m) 74397-74399 **23612** (1) 74400-74409 **236201** (1) 74410-74413 (m) 74414 (mm2) 74415 **2363** (1) 74416-74462 (m) 74463-74467 (3m) 74468 **23711** (1) 74469-74489 **238001** (m) 74490 **2381** (1) 74491-74521 (m) 74522,74523 **24224** (2) 74524,74525 (2/m) 74526 **242321** (1) 74527 (2) 74528 **242402** (mm2) 74529,74530 **24242** (1) 74531-74535 (2) 74536 (m) 74537,74538 (mm2) 74539 **242501** (1) 74540 **2426** (2) 74541,74542 (m) 74543 (2/m) 74544,74545 **24305** (m) 74546 **243131** (1) 74547 (m) 74548 **24323** (1) 74549-74561 (m) 74562,74563 **243311** (1) 74564-74574 (m) 74575 **24341** (1) 74576-74613 **24404** (1) 74614 (2) 74615 **244121** (1) 74616-74618 **244202** (mm2) 74619 **24422** (1) 74620-74659 (-1) 74660 (2) 74661-74668 (m) 74669-74672 **244301** (1) 74673-74685 (2) 74686 (m) 74687-74690 **2444** (1) 74691-74736 (2) 74737-74739 (m) 74740-74743 **245111** (1) 74744-74748 **24521** (1) 74749-74829 (m) 74830-74833 **24602** (1) 74834-74839 (2) 74840,74841 **246101** (1) 74842-74849 (m) 74850-74852 **2462** (1) 74853-74922 (-1) 74923,74924 (2) 74925-74930 (m) 74931,74932 (2/m) 74933 (mm2) 74934,74935 **24701** (1) 74936-74947 (m) 74948-74952 **248** (1) 74953-74961 (2) 74962 (m) 74963 **250421** (m) 74964 **25052** (1) 74965 **2507** (m) 74966 **25133** (1) 74967 **251411** (1) 74968,74969 (m) 74970 **25151** (1) 74971-74974 (m) 74975 **25214** (1) 74976 (m) 74977,74978 **25232** (1) 74979-74995 (m) 74996-75002 **252401** (1) 75003,75004 (2) 75005 (m) 75006 **2525** (1) 75007-75017 (m) 75018-75021 **25313** (1) 75022-75028 **253211** (1) 75029,75030 (m) 75031,75032 **25331** (1) 75033-75101 (m) 75102-75109 **25412** (1) 75110-75124 (m) 75125,75126 **254201** (1) 75127-75132 (m) 75133 **2543** (1) 75134-75218 (2) 75219,75220 (m) 75221-75228 **25511** (1) 75229-75283 (m) 75284 **256001** (1) 75285,75286 (2) 75287 (m) 75288,75289 **2561** (1) 75290-75348 (m) 75349-75354 **260222** (mm2) 75355 **260321** (1) 75356 **260402** (mm2) 75357 **26042** (1) 75358 (mm2) 75359 **260501** (m) 75360,75361 **2606** (1) 75362 (mm2) 75363 **26105** (m) 75364 **261131** (1) 75365 **26123** (1) 75366-75369 (m) 75370 **261311** (1) 75371-75374 **26141** (1) 75375-75383 **26204** (2) 75384 **262121** (1) 75385 **26222** (1) 75386-75397 (2) 75398,75399 (m) 75400,75401 **262301** (1) 75402-75405 (m) 75406,75407 **2624** (1) 75408-75426 (2) 75427-75429 (m) 75430-75439 (2/m) 75440 (mm2) 75441,75442 **263111** (1) 75443 **26321** (1) 75444-75477 (m) 75478,75479 **26402** (1) 75480 **264101** (1) 75481,75482 (m) 75483 **2642** (1) 75484-75545 (2) 75546-75548 (m) 75549-75557 (mm2) 75558-75560 **26501** (1) 75561-75575 (m) 75576-75579 **266** (1) 75580-75590 (-1) 75591 (m) 75592,75593 (2/m) 75594,75595 (-3m) 75596 **27014** (m) 75597 **27032** (1) 75598,75599 (m) 75600,75601 **2705** (m) 75602,75603 **27113** (1) 75604 **27131** (1) 75605-75616 (m) 75617,75618 **27212** (1) 75619,75620 **272201** (m) 75621,75622 **2723** (1) 75623-75639 (m) 75640-75642 **27311** (1) 75643-75650 **274001** (m) 75651 **2741** (1) 75652-75676 (2) 75677 (m) 75678-75682 **28022** (mm2) 75683 **2804** (1) 75684 (m) 75685,75686 (mm2) 75687 **28121** (1) 75688-75690 **2822** (1) 75691-75696 (m) 75697-75701 (mm2) 75702,75703 **28301** (1) 75704,75705 (m) 75706 **284** (1) 75707-75710 (m) 75711-75713 **2903** (m) 75714,75715 **2921** (1) 75716 (m) 75717-75719 **2A02** (mm2) 75720 **2A2** (2/m) 75721 **2B01** (m) 75722 **323321** (m) 75723,75724 **32342** (1) 75725,75726 **323501** (m) 75727,75728 **3236** (m) 75729,75730 **324131** (1) 75731 **32423** (1) 75732-75735 **324311** (1) 75736-75739 **32441** (1) 75740-75750 **32504** (1) 75751 **325121** (1) 75752 (m) 75753 **32522** (1) 75754-75768 (m) 75769,75770 **325301** (1) 75771-75774 (m) 75775,75776 **3254** (1) 75777-75786 (m) 75787-75790 **326111** (1) 75791,75792 **32621** (1) 75793-75811 **32702** (1) 75812,75813 **327101** (1) 75814,75815 (m) 75816 **3272** (1) 75817-75824 (m) 75825,75826 **32801** (1) 75827-75829 **332312** (1) 75830 **33233** (1) 75831 **332411** (1) 75832,75833 **33251** (1) 75834,75835 **333221** (1) 75836-75839 **333302** (1) 75840 **33332** (1) 75841-75850 **333401** (1) 75851-75854 (m) 75855 **3335** (1) 75856-75858 **33413** (1) 75859-75862 **334211** (1) 75863-75869 **33431** (1) 75870-75896 **33512** (1) 75897-75906 **335201** (1) 75907-75912 (m) 75913,75914 **3353** (1) 75915-75938 (m) 75939-75943 **33611** (1) 75944-75960 **337001** (1) 75961 (m) 75962 **3371** (1) 75963-75974 (m) 75975,75976 **341141** (1) 75977 (m) 75978 **341222** (1) 75979 **34124** (1) 75980-75983 **341321** (1) 75984-75992 (m) 75993 **341402** (1) 75994 **34142** (1) 75995-76006 (m) 76007 **341501** (1) 76008,76009 **3416** (1) 76010-76012 **34205** (1) 76013 **342131** (1) 76014-76018 **342212** (1) 76019 **34223** (1) 76020-76043 **342311** (1) 76044-76069 **34241** (1) 76070-76107 **34304** (1) 76108,76109 **343121** (1) 76110-76115 **343202** (1) 76116 **34322** (1) 76117-76175 (m) 76176 **343301** (1) 76177-76196 (m) 76197 **3434** (1) 76198-76231 (m) 76232 **344111** (1) 76233-76242 **34421** (1) 76243-76305 **34502** (1) 76306-76312 **345101** (1) 76313-76323 **3452** (1) 76324-76356 (m) 76357-76359 **34601** (1) 76360-76367 **347** (1) 76368,76369 **35114** (1) 76370,76371 **351221** (1) 76372 (m) 76373 **35132** (1) 76374-76387 **351401** (1) 76388,76389 (m) 76390 **3515** (1) 76391-76393 **35213** (1) 76394-76400 **352211** (1) 76401-76403 **35231** (1) 76404-76454 **35312** (1) 76455-76467 (m) 76468 **353201** (1) 76469-76475 **3533** (1) 76476-76515 (m) 76516-76518 **35411** (1) 76519-76554 **355001** (1) 76555-76557 (m) 76558 **3551** (1) 76559-76575 (m) 76576 **36122** (1) 76577,76578 **3614** (1) 76579-76584 **36221** (1) 76585-76601 **3632** (1) 76602-76619 **36401** (1) 76620-76625 **365** (1) 76626-76628 (m) 76629 **3713** (1) 76630-76632 **3731** (1) 76633-76639 (m) 76640,76641 **383** (1) 76642 **414041** (4mm) 76643 **41414** (m) 76644 **414221** (m) 76645 **41432** (1) 76646 (m) 76647 (mm2) 76648 **414401** (mm2) 76649 **4145** (m) 76650

41513 (1) 76651 **415211** (m) 76652 **41531** (1) 76653-76655 (m) 76656,76657 **41612** (1) 76658 (m) 76659 **416201** (m) 76660 **4163**
 (1) 76661,76662 (2) 76663 **41711** (1) 76664,76665 (m) 76666 **418001** (4mm) 76667 **4181** (1) 76668 (m) 76669 **422222** (2) 76670
42224 (2) 76671 **422321** (1) 76672,76673 **42242** (1) 76674 (2) 76675 **422501** (1) 76676 **4226** (2) 76677 **423032** (m) 76678 **42305**
 (m) 76679 **423131** (1) 76680-76682 (m) 76683 **423212** (1) 76684,76685 **42323** (1) 76686-76693 (m) 76694 **423311** (1) 76695-76701
 (m) 76702,76703 **42341** (1) 76704-76708 **42404** (1) 76709 (2) 76710 **424121** (1) 76711-76716 **424202** (2) 76717 (m) 76718 **42422**
 (1) 76719-76734 (2) 76735 (m) 76736-76738 **424301** (1) 76739-76744 (m) 76745 **4244** (1) 76746 (2) 76747 (m) 76748 (4mm)
 76749 **425111** (1) 76750-76755 **42521** (1) 76756-76768 (m) 76769 **42602** (1) 76770-76772 (2) 76773 **426101** (1) 76774,76775 (m)
 76776 **4262** (1) 76777-76781 (2) 76782 (m) 76783 **42701** (m) 76784-76786 **428** (1) 76787 (mm2) 76788 **430403** (3m) 76789 **430421**
 (m) 76790 **43052** (m) 76791 **4307** (3m) 76792 **431312** (1) 76793 **43133** (1) 76794 **431411** (1) 76795,76796 **43151** (1) 76797,76798
432041 (m) 76799 **43214** (1) 76800 (m) 76801,76802 **432221** (1) 76803-76806 (m) 76807 **432302** (m) 76808 **43232** (1) 76809-
 76818 (m) 76819-76821 **432401** (1) 76822-76824 (m) 76825 **4325** (1) 76826 (m) 76827 **43313** (1) 76828-76835 **433211** (1) 76836-
 76840 (m) 76841-76843 **43331** (1) 76844-76866 (m) 76867-76871 **43412** (1) 76872-76881 **434201** (1) 76882-76888 **4343** (1)
 76889-76897 (m) 76898,76899 **43511** (1) 76900-76912 (m) 76913,76914 **436001** (1) 76915 (m) 76916,76917 **4361** (1) 76918 (m)
 76919,76920 **440042** (2) 76921 (mmm) 76922 **440123** (mm2) 76923 **440141** (1) 76924-76927 **440222** (1) 76928,76929 (2) 76930
 (m) 76931 (mm2) 76932 **44024** (-1) 76933 (2) 76934-76936 **440321** (1) 76937-76946 (2) 76947,76948 (m) 76949-76951 **440402** (2)
 76952 (m) 76953 (mm2) 76954 (mmm) 76955 **44042** (1) 76956-76960 (2) 76961 **440501** (1) 76962 (m) 76963 **4406** (m) 76964
 (2/m) 76965 **441032** (m) 76966 **44105** (1) 76967 (m) 76968,76969 **441131** (1) 76970-76977 (m) 76978,76979 **441212** (1)
 76980,76981 **44123** (1) 76982-76995 (m) 76996,76997 **441311** (1) 76998-77015 (m) 77016-77018 **44141** (1) 77019-77029 **44204**
 (1) 77030,77031 (2) 77032 **442121** (1) 77033-77036 (m) 77037 **442202** (2) 77038 (m) 77039 **44222** (1) 77040-77060 (-1) 77061 (2)
 77062-77065 (m) 77066-77069 (2/m) 77070 (mm2) 77071,77072 **442301** (1) 77073-77080 (2) 77081 (m) 77082-77086 (mm2)
 77087 **4424** (1) 77088-77095 (m) 77096-77100 **443111** (1) 77101-77106 **44321** (1) 77107-77126 (m) 77127 **44402** (1) 77128,77129
 (2) 77130 **444101** (1) 77131-77133 (m) 77134-77137 **4442** (1) 77138-77145 (2) 77146 (m) 77147 (2/m) 77148-77150 **44501** (1)
 77151,77152 (m) 77153-77157 **446** (1) 77158 (m) 77159-77161 **450041** (mm2) 77162 **45014** (1) 77163 (m) 77164-77167 **450221**
 (1) 77168,77169 **45032** (1) 77170-77176 (m) 77177-77179 (mm2) 77180 **450401** (1) 77181 (2) 77182 (mm2) 77183 **4505** (m) 77184
45113 (1) 77185-77189 **451211** (m) 77190,77191 **45131** (1) 77192-77207 (m) 77208-77212 **45212** (1) 77213-77216 **452201** (1)
 77217,77218 (m) 77219 **4523** (1) 77220-77224 (2) 77225 (m) 77226,77227 **45311** (1) 77228-77232 (m) 77233 **454001** (m) 77234
 (mm2) 77235,77236 **4541** (1) 77237-77239 (m) 77240-77242 **46022** (1) 77243 (m) 77244 (mm2) 77245 **4604** (m) 77246 (2/m)
 77247 (mm2) 77248,77249 (3m) 77250 **46121** (1) 77251-77254 **4622** (1) 77255 (m) 77256-77258 **46301** (m) 77259,77260 **464** (-1)
 77261,77262 (m) 77263 (4mm) 77264 (mmm) 77265 **4703** (m) 77266 **4721** (m) 77267 (mm2) 77268 **4901** (3m) 77269 **4A** (mmm)
 77270 **521123** (m) 77271 **521141** (1) 77272 (m) 77273 **521222** (1) 77274,77275 **52124** (1) 77276 (m) 77277 **521303** (m) 77278
521321 (1) 77279-77284 (m) 77285,77286 **521402** (m) 77287 **52142** (1) 77288,77289 (m) 77290 **521501** (1) 77291 **5216** (m) 77292
522032 (1) 77293 **52205** (1) 77294 **522131** (1) 77295-77300 **522212** (1) 77301-77304 **52223** (1) 77305-77316 **522311** (1) 77317-
 77331 **52241** (1) 77332-77336 **52304** (1) 77337 **523121** (1) 77338-77344 (m) 77345 **523202** (1) 77346 (m) 77347 **52322** (1) 77348-
 77365 **523301** (1) 77366-77371 (m) 77372 **5234** (1) 77373 **524111** (1) 77374-77380 **52421** (1) 77381-77387 **52502** (1) 77388,77389
525101 (1) 77390,77391 **531041** (m) 77392 **53114** (1) 77393,77394 **531221** (1) 77395,77396 (m) 77397,77398 **53132** (1) 77399-
 77403 (m) 77404-77406 **531401** (1) 77407 (m) 77408 **5315** (m) 77409 **53213** (1) 77410-77414 **532211** (1) 77415-77418 **53231** (1)
 77419-77429 **53312** (1) 77430,77431 (m) 77432,77433 **533201** (1) 77434-77437 (m) 77438 **5333** (1) 77439-77443 **53411** (1) 77444-
 77449 **535001** (1) 77450 (m) 77451 **5351** (1) 77452 **54122** (1) 77453 **5414** (1) 77454 (m) 77455 **54221** (1) 77456-77458 **5432** (1)
 77459 (m) 77460 **54401** (1) 77461 **545** (m) 77462 **5513** (m) 77463 **5531** (m) 77464 **563** (m) 77465 **620024** (mm2) 77466 **620042** (1)
 77467 (mm2) 77468 **620123** (1) 77469 (m) 77470 **620141** (1) 77471-77475 (m) 77476,77477 **620222** (1) 77478-77481 (2) 77482
 (m) 77483 (mm2) 77484 **62024** (1) 77485 (2) 77486 **620303** (m) 77487 **620321** (1) 77488-77497 (m) 77498 **620402** (1) 77499
 (mm2) 77500 **62042** (1) 77501 (m) 77502 **621032** (1) 77503 (m) 77504 **62105** (1) 77505 (m) 77506,77507 **621131** (1) 77508-77515
 (m) 77516 **621212** (1) 77517-77520 **62123** (1) 77521-77529 (m) 77530 **621311** (1) 77531-77545 (m) 77546 **62141** (1) 77547,77548
62204 (2) 77549 **622121** (1) 77550-77554 (m) 77555 **622202** (1) 77556 (mm2) 77557 **62222** (1) 77558-77564 (m) 77565 **622301** (1)
 77566-77568 (m) 77569-77571 **6224** (1) 77572 **623111** (1) 77573-77576 **62321** (1) 77577 **624101** (1) 77578 **630041** (m) 77579
63014 (1) 77580 (m) 77581-77583 **630221** (1) 77584,77585 **63032** (1) 77586-77589 (m) 77590 **630401** (1) 77591 **63113** (1)
 77592,77593 **631211** (1) 77594 (m) 77595 **63131** (1) 77596-77599 (m) 77600,77601 **63212** (1) 77602 **632201** (1) 77603 **6323** (m)
 77604 **63311** (1) 77605,77606 **64022** (m) 77607 (mm2) 77608 **6404** (mm2) 77609 **64121** (1) 77610,77611 **800006** (m-3m) 77612
800024 (mm2) 77613 **800042** (2) 77614 (mmm) 77615 **800123** (m) 77616 (mm2) 77617 **800141** (1) 77618 (m) 77619,77620 **800222**
 (1) 77621 (2) 77622 (mm2) 77623 **80024** (2/m) 77624 **800303** (3m) 77625 **800321** (1) 77626 (2) 77627 (m) 77628,77629 **800402**
 (mm2) 77630 (4/mmm) 77631 **801032** (m) 77632 **80105** (m) 77633 **801131** (1) 77634,77635 (m) 77636 **801212** (1) 77637 **80123** (1)
 77638 **801311** (1) 77639-77641 (m) 77642 **802121** (m) 77643 **802202** (mm2) 77644 **80222** (1) 77645 (2/m) 77646 **802301** (m)
 77647 (mm2) 77648 **804101** (m) 77649 **810041** (4mm) 77650 **81032** (m) 77651 **811211** (m) 77652 **81212** (m) 77653 **814001** (4mm)
 77654 **824** (mmm) 77655 **8303** (3m) 77656 **86** (m-3m) 77657

Statistics of forms according to a number of facets and facet symbols

4-hedra	[40301] 1	[3213] 29	[1414] 38	[3052] 3
[4] 3	[404] 1	[32201] 1	[1422] 84	[3060] 4
5-hedra	[4121] 33	[32211] 26	[14302] 8	[31231] 16
[23] 14	[422] 7	[32300] 1	[14310] 1	[31312] 3
[41] 3	[4301] 14	[3231] 161	[1432] 451	[31320] 5
6-hedra	[44] 21	[3302] 1	[1440] 139	[3133] 16
[06] 30	[503] 12	[33102] 1	[145] 384	[3141] 49
[222] 29	[521] 3	[3312] 56	[15120] 4	[31500] 7
[24] 16	[62] 4	[3320] 28	[1513] 104	[3151] 25
[32] 9	[8] 3	[333] 127	[1520] 9	[32122] 18
[42] 1	9-hedra	[340] 1	[1521] 127	[32130] 1
[6] 1	[036] 102	[341] 93	[15300] 1	[3214] 26
7-hedra	[044] 148	[3500] 8	[1531] 676	[3221] 5
[052] 72	[0522] 102	[351] 41	[1602] 5	[3222] 64
[133] 70	[054] 213	[40220] 1	[16102] 11	[32302] 17
[151] 101	[0603] 4	[4031] 1	[16110] 4	[32310] 12
[222] 16	[0621] 192	[40400] 1	[1612] 148	[3232] 154
[2302] 10	[07002] 9	[4041] 6	[1620] 88	[3240] 59
[232] 21	[072] 84	[41022] 5	[163] 351	[325] 44
[240] 6	[0801] 38	[4104] 5	[1700] 9	[33013] 1
[25] 32	[09] 2	[4112] 13	[1701] 6	[3303] 32
[303] 16	[125] 65	[41202] 4	[171] 156	[33112] 8
[313] 29	[1332] 159	[4122] 23	[1800] 7	[33120] 5
[321] 7	[135] 198	[4130] 7	[181] 56	[3313] 79
[331] 26	[1413] 11	[414] 13	[2062] 1	[3320] 3
[412] 2	[1421] 63	[4203] 11	[2143] 7	[3321] 152
[420] 1	[1431] 403	[421] 9	[2151] 12	[33300] 16
[43] 11	[1512] 79	[422] 52	[216] 13	[3331] 235
[6] 1	[1520] 18	[4302] 1	[2224] 26	[3402] 7
8-hedra	[153] 371	[4310] 4	[2232] 47	[34102] 5
[044] 144	[160] 32	[432] 40	[22402] 14	[34110] 5
[0602] 44	[161] 117	[440] 13	[22410] 13	[3412] 112
[062] 103	[171] 89	[45] 12	[2242] 182	[3420] 71
[08] 7	[2142] 18	[5112] 7	[2250] 31	[343] 120
[133] 144	[2150] 19	[513] 4	[226] 78	[350] 24
[1412] 27	[216] 3	[521] 1	[2313] 21	[35100] 8
[143] 152	[2223] 17	[531] 4	[23212] 5	[3511] 71
[151] 127	[2231] 34	[612] 2	[23220] 11	[3600] 3
[161] 68	[22400] 1	10-hedra	[2323] 159	[361] 28
[206] 12	[2241] 112	[028] 52	[2330] 3	[4006] 2
[214] 24	[2304] 28	[036] 110	[2331] 176	[4014] 3
[222] 44	[2312] 13	[0442] 255	[23400] 9	[40222] 5
[2230] 4	[23202] 6	[046] 210	[2341] 440	[4024] 14
[224] 90	[23210] 1	[0523] 56	[24022] 16	[40303] 3
[231] 3	[2322] 210	[0531] 41	[24030] 3	[4032] 20
[232] 130	[2330] 75	[0541] 447	[2404] 7	[4042] 34
[24002] 1	[234] 171	[0604] 8	[2412] 68	[4050] 8
[2402] 1	[2403] 12	[0612] 2	[242002] 1	[406] 4
[2410] 3	[241] 29	[06202] 16	[24202] 29	[41040] 3
[242] 153	[24200] 1	[0622] 200	[24210] 28	[4113] 14
[250] 63	[2421] 297	[0630] 17	[2422] 369	[41212] 14
[26] 10	[2502] 38	[064] 310	[2430] 123	[41220] 3
[3113] 5	[2510] 47	[0711] 27	[244] 330	[4123] 53
[3121] 7	[252] 171	[072] 205	[2503] 27	[4131] 34
[3131] 17	[26000] 1	[080002] 4	[2510] 1	[41400] 2
[3212] 19	[2601] 37	[0802] 26	[2511] 80	[4141] 62
[3220] 2	[27] 26	[0810] 7	[25200] 12	[42012] 2
[323] 67	[3033] 11	[082] 99	[2521] 378	[420202] 1
[331] 13	[3051] 16	[0901] 7	[26002] 12	[42022] 3
[3400] 1	[3122] 17	[0A] 10	[26010] 12	[42030] 2
[341] 57	[31310] 1	[1252] 104	[2602] 19	[4204] 13
[4004] 8	[3132] 50	[1260] 20	[2610] 28	[42103] 2
[4022] 20	[3140] 14	[127] 66	[262] 178	[4211] 3
	[315] 28	[1333] 80	[270] 29	[4212] 30
	[3203] 2	[1341] 86	[28] 15	[422002] 1
	[32120] 1	[1351] 370	[3042] 3	[42202] 7
			[30510] 4	[42210] 5

[4222] 106
[42301] 35
[424] 32
[43012] 3
[430201] 1
[4303] 12
[431011] 1
[43111] 23
[432001] 3
[4321] 89
[440101] 1
[4402] 19
[44101] 16
[442] 22
[450001] 2
[4501] 5
[46] 4
[50221] 7
[5032] 10
[50401] 2
[505] 5
[5113] 4
[51211] 6
[5131] 18
[52021] 1
[52102] 1
[5212] 11
[52201] 3
[523] 8
[5311] 11
[541] 2
[604] 1
[6121] 2
[6202] 1
[622] 2
[6301] 2
[82] 1

11-hedra

[0281] 67
[0362] 112
[038] 53
[0443] 181
[04511] 59
[0461] 424
[0524] 20
[05321] 46
[05402] 13
[0542] 435
[05501] 54
[056] 242
[0605] 11
[06131] 6
[06212] 7
[062201] 4
[0623] 141
[063011] 4
[06311] 86
[064001] 1
[0641] 596
[07121] 20
[072002] 3
[07202] 8
[072101] 2
[0722] 182
[07301] 48
[074] 235
[0803] 11
[081011] 4
[08111] 14

[0821] 174
[09002] 1
[090101] 2
[0902] 1
[09101] 8
[092] 60
[0A01] 11
[0B] 4
[1172] 16
[119] 14
[1253] 46
[12611] 41
[1271] 122
[1334] 54
[13421] 90
[13502] 18
[135101] 8
[1352] 339
[13601] 57
[137] 167
[1415] 7
[14231] 74
[14312] 15
[143201] 19
[1433] 337
[144011] 6
[14411] 297
[145001] 11
[1451] 660
[15122] 12
[151301] 1
[1514] 55
[152111] 10
[15221] 144
[15302] 39
[153101] 32
[1532] 706
[15401] 156
[155] 402
[16031] 7
[16112] 10
[161201] 6
[1613] 101
[162011] 14
[16211] 167
[163001] 13
[1631] 649
[17021] 5
[17102] 12
[171101] 10
[1712] 111
[17201] 44
[173] 237
[18011] 11
[181001] 3
[1811] 76
[19001] 2
[191] 28
[20711] 1
[208001] 1
[2144] 2
[21521] 5
[21602] 2
[216101] 2
[2162] 10
[21701] 2
[218] 5
[2225] 10
[22331] 40
[22412] 18

[224201] 18
[2243] 125
[225011] 3
[22511] 115
[226001] 9
[2261] 142
[2306] 1
[23141] 6
[23222] 40
[232301] 14
[2324] 66
[23303] 3
[233111] 8
[23321] 215
[234002] 1
[23402] 36
[234101] 43
[2342] 428
[23501] 131
[236] 143
[24032] 10
[240401] 1
[2405] 12
[24113] 8
[241211] 3
[24131] 101
[24212] 71
[242201] 37
[2423] 282
[243011] 9
[24311] 351
[244001] 35
[2441] 563
[250121] 1
[250202] 3
[25022] 10
[2504] 31
[25103] 1
[251111] 7
[25121] 119
[252002] 3
[25202] 36
[252101] 32
[2522] 400
[25301] 170
[254] 257
[26012] 3
[260201] 4
[2603] 28
[261011] 5
[26111] 74
[262001] 11
[2621] 271
[270101] 2
[2702] 18
[27101] 22
[272] 81
[280001] 1
[2801] 12
[29] 7
[31241] 2
[31322] 4
[313301] 4
[3134] 7
[314111] 5
[31421] 24
[31502] 7
[315101] 5
[3152] 22
[31601] 2

[317] 2
[32051] 2
[32132] 10
[321401] 4
[3215] 16
[32213] 10
[322211] 8
[32231] 94
[32312] 45
[323201] 29
[3233] 167
[324011] 11
[32411] 157
[325001] 7
[3251] 131
[33041] 7
[331121] 6
[331202] 3
[33122] 39
[331301] 7
[3314] 62
[33203] 8
[332111] 14
[33221] 207
[333002] 2
[33302] 35
[333101] 37
[3332] 361
[33401] 97
[335] 87
[34013] 2
[340211] 14
[34031] 18
[34112] 36
[341201] 17
[3413] 110
[342011] 15
[34211] 170
[343001] 17
[3431] 306
[35021] 19
[35102] 11
[351101] 12
[3512] 105
[35201] 48
[353] 99
[36011] 5
[361001] 2
[3611] 47
[37001] 2
[371] 17
[402401] 1
[40313] 1
[403211] 1
[40331] 4
[40412] 2
[404201] 4
[4043] 2
[405011] 1
[40511] 8
[406001] 1
[4061] 1
[41042] 1
[41123] 3
[411311] 2
[41141] 7
[41204] 1
[412121] 5
[412202] 1
[41222] 27

[412301] 11
[4124] 13
[413012] 1
[41303] 2
[413111] 7
[41321] 55
[41402] 14
[414101] 16
[4142] 33
[41501] 17
[416] 2
[420221] 3
[42032] 8
[4205] 4
[42113] 14
[421211] 11
[42131] 58
[422021] 2
[422102] 3
[42212] 41
[422201] 13
[4223] 69
[423011] 8
[42311] 106
[424001] 9
[4241] 65
[430103] 1
[430121] 1
[43022] 21
[430301] 6
[4304] 11
[431012] 1
[43103] 2
[431111] 7
[43121] 65
[432002] 1
[43202] 22
[432101] 17
[4322] 82
[43301] 47
[434] 22
[440021] 1
[44012] 3
[440201] 2
[4403] 14
[441011] 2
[44111] 34
[442001] 5
[4421] 58
[450101] 1
[4502] 4
[45101] 5
[452] 14
[4601] 2
[47] 3
[50033] 2
[50051] 3
[501221] 3
[50132] 7
[501401] 2
[5015] 9
[50213] 5
[502211] 1
[50231] 27
[503021] 3
[50312] 10
[503201] 4
[5033] 28
[50411] 19
[505001] 1

[5051] 10	[055011] 5	[144111] 7	[22602] 8	[27012] 2
[510311] 3	[05511] 91	[14421] 299	[226101] 12	[270201] 1
[51041] 5	[056001] 3	[14502] 28	[2262] 124	[2703] 20
[51122] 19	[0561] 434	[145101] 33	[22701] 39	[27111] 24
[511301] 2	[06141] 5	[1452] 580	[228] 34	[272001] 5
[5114] 20	[06222] 5	[14601] 121	[23151] 3	[2721] 124
[51203] 4	[0624] 71	[147] 148	[23232] 18	[280101] 1
[512111] 4	[063111] 2	[15132] 9	[232401] 12	[2802] 5
[51221] 47	[06321] 85	[151401] 4	[2325] 23	[28101] 4
[51302] 7	[064002] 2	[1515] 17	[23313] 14	[282] 38
[513101] 2	[06402] 16	[15213] 2	[233211] 22	[290001] 1
[5132] 49	[064101] 11	[152211] 12	[23331] 137	[2901] 4
[51401] 10	[0642] 466	[15231] 82	[234021] 1	[2A] 3
[515] 4	[06501] 54	[153021] 2	[234102] 2	[305301] 1
[52031] 15	[066] 211	[15312] 54	[23412] 76	[307101] 2
[52112] 10	[07032] 1	[153201] 36	[234201] 45	[31332] 1
[521201] 1	[070401] 1	[1533] 403	[2343] 247	[3135] 1
[5213] 23	[07131] 9	[154011] 13	[235011] 10	[31413] 1
[522011] 1	[072102] 2	[15411] 301	[23511] 193	[314211] 3
[52211] 34	[07212] 5	[155001] 22	[236001] 14	[31431] 6
[523001] 1	[072201] 2	[1551] 706	[2361] 248	[315021] 2
[5231] 26	[0723] 97	[16041] 14	[24042] 5	[31512] 6
[53003] 1	[073011] 5	[16122] 10	[240501] 2	[315201] 4
[53021] 4	[07311] 73	[161301] 6	[2406] 2	[3153] 6
[53102] 2	[074001] 6	[1614] 43	[24123] 10	[31611] 11
[5312] 14	[0741] 343	[16203] 2	[24141] 61	[317001] 2
[53201] 7	[0804] 13	[162111] 9	[24204] 3	[3171] 5
[533] 5	[081111] 2	[16221] 155	[242121] 4	[32142] 3
[54011] 1	[08121] 6	[16302] 27	[242202] 3	[3216] 2
[5411] 2	[08202] 7	[163101] 32	[24222] 104	[32223] 8
[551] 2	[082101] 8	[1632] 458	[242301] 35	[322311] 11
[600401] 2	[0822] 116	[16401] 133	[2424] 169	[32241] 35
[60131] 4	[08301] 22	[165] 262	[24303] 7	[32304] 1
[60212] 1	[084] 123	[17031] 2	[243111] 23	[323121] 4
[602201] 2	[09012] 1	[17112] 14	[24321] 408	[323202] 4
[6023] 6	[090201] 1	[171201] 6	[244002] 3	[32322] 59
[60311] 4	[09111] 8	[1713] 76	[24402] 64	[323301] 27
[604001] 1	[092001] 3	[172011] 2	[244101] 61	[3234] 65
[6041] 1	[0921] 66	[17211] 86	[2442] 544	[32403] 5
[6104] 3	[0A02] 4	[173001] 13	[24501] 137	[324111] 23
[61121] 4	[0A101] 2	[1731] 331	[246] 146	[32421] 167
[6122] 9	[0A2] 18	[18021] 7	[250221] 2	[325002] 2
[61301] 2	[0B0001] 1	[18102] 2	[250302] 1	[32502] 18
[614] 2	[0B01] 1	[181101] 4	[25032] 4	[325101] 29
[6203] 2	[0C] 2	[1812] 50	[2505] 10	[3252] 136
[6221] 4	[1173] 3	[18201] 26	[251112] 2	[32601] 47
[632] 1	[11811] 8	[183] 105	[25113] 9	[327] 20
[65] 1	[1191] 10	[19011] 2	[251211] 17	[33033] 2
[7013] 1	[1254] 25	[191001] 2	[25131] 100	[33051] 1
[7031] 1	[12621] 33	[1911] 25	[252021] 2	[33114] 1
	[12702] 2	[1A001] 1	[252102] 3	[331221] 11
12-hedra	[127101] 3	[1A1] 10	[25212] 59	[33132] 33
[00C] 3	[1272] 100	[2064] 1	[252201] 36	[331401] 7
[0282] 58	[12801] 24	[2082] 1	[2523] 297	[3315] 20
[02A] 12	[129] 16	[20A] 1	[253011] 16	[332031] 2
[0363] 82	[1335] 3	[2145] 1	[25311] 306	[332112] 4
[03711] 20	[13431] 60	[21531] 6	[254001] 21	[33213] 26
[0381] 114	[13512] 25	[21612] 1	[2541] 479	[332211] 45
[0444] 86	[135201] 12	[216201] 5	[260121] 2	[33231] 140
[04521] 47	[1353] 180	[2163] 15	[26022] 11	[333021] 9
[04602] 7	[136011] 2	[21711] 13	[260301] 5	[333102] 4
[046101] 1	[13611] 110	[2181] 20	[2604] 12	[33312] 109
[0462] 373	[137001] 6	[2226] 1	[26103] 1	[333201] 57
[04701] 27	[1371] 250	[22341] 8	[261111] 7	[3333] 218
[048] 105	[1416] 6	[22422] 23	[26121] 67	[334011] 18
[0525] 15	[14241] 32	[224301] 5	[26202] 18	[33411] 212
[05331] 32	[14322] 25	[2244] 33	[262101] 22	[335001] 22
[05412] 12	[143301] 14	[225111] 1	[2622] 230	[3351] 197
[054201] 10	[1434] 154	[22521] 89	[26301] 83	[34023] 10
[0543] 243	[14403] 1	[226002] 1	[264] 151	[340311] 3

[34041] 23	[422103] 1	[50502] 2	[60006] 1	[03721] 16
[34104] 2	[422121] 11	[505101] 2	[600141] 1	[03802] 1
[341121] 12	[422202] 4	[50601] 2	[600222] 1	[0382] 77
[341202] 1	[42222] 97	[510231] 2	[60024] 4	[03901] 4
[34122] 73	[422301] 26	[51033] 2	[600321] 3	[03A] 18
[341301] 23	[4224] 78	[510411] 2	[60042] 11	[0445] 14
[3414] 60	[423012] 1	[51051] 1	[600501] 3	[04531] 23
[342012] 1	[42303] 9	[511122] 2	[6006] 2	[04612] 4
[34203] 9	[423111] 25	[51114] 3	[601131] 2	[046201] 5
[342111] 35	[42321] 162	[511203] 1	[601212] 1	[0463] 152
[34221] 215	[424002] 3	[511221] 12	[60123] 12	[04711] 41
[343002] 1	[42402] 25	[51132] 18	[601311] 5	[048001] 2
[34302] 47	[424101] 18	[511401] 3	[60141] 25	[0481] 129
[343101] 45	[4242] 96	[5115] 4	[60204] 2	[0526] 7
[3432] 274	[42501] 28	[512031] 3	[602121] 4	[05341] 11
[34401] 95	[426] 7	[512112] 2	[60222] 26	[05422] 4
[345] 84	[430203] 2	[51213] 16	[602301] 7	[054301] 2
[35013] 6	[430221] 4	[512211] 18	[6024] 19	[0544] 92
[350211] 2	[43032] 11	[51231] 21	[60303] 4	[05503] 1
[35031] 26	[430401] 3	[513003] 1	[603111] 1	[055111] 2
[351021] 2	[4305] 14	[513021] 4	[60321] 31	[05521] 66
[351102] 1	[431112] 5	[513102] 1	[60402] 1	[05602] 3
[35112] 27	[43113] 18	[51312] 24	[604101] 2	[056101] 5
[351201] 15	[431211] 18	[513201] 7	[6042] 8	[0562] 265
[3513] 63	[43131] 96	[5133] 11	[60501] 2	[05701] 28
[352011] 7	[432021] 6	[514011] 7	[606] 3	[058] 71
[35211] 101	[432102] 3	[51411] 14	[610221] 4	[06232] 4
[353001] 15	[43212] 57	[515001] 1	[610302] 1	[062401] 2
[3531] 154	[432201] 24	[5151] 2	[61032] 5	[0625] 13
[360111] 2	[4323] 145	[520131] 1	[610401] 1	[063211] 1
[36021] 9	[433011] 8	[520212] 4	[6105] 6	[06331] 35
[36102] 3	[43311] 119	[52023] 7	[61113] 8	[06412] 14
[361101] 5	[434001] 8	[520311] 5	[611211] 6	[064201] 8
[3612] 37	[4341] 92	[52041] 7	[61131] 20	[0643] 200
[36201] 20	[440121] 2	[52104] 2	[612021] 1	[06511] 71
[363] 45	[440202] 1	[521121] 12	[61212] 13	[066001] 4
[37011] 4	[44022] 12	[521202] 2	[612201] 5	[0661] 240
[371001] 1	[440301] 1	[52122] 32	[6123] 20	[07141] 4
[3711] 15	[4404] 12	[521301] 6	[613011] 1	[072202] 1
[381] 8	[44103] 3	[5214] 9	[61311] 8	[07222] 1
[41214] 1	[441111] 5	[522012] 2	[6141] 6	[072301] 1
[412221] 1	[44121] 58	[52203] 4	[62022] 5	[0724] 32
[412302] 1	[44202] 5	[522111] 15	[6204] 2	[073111] 2
[41232] 7	[442101] 10	[52221] 32	[62103] 1	[07321] 42
[412401] 1	[4422] 87	[523002] 1	[62121] 11	[07402] 3
[4125] 2	[44301] 31	[52302] 15	[62202] 1	[074101] 8
[413031] 1	[444] 23	[523101] 8	[6222] 8	[0742] 200
[413112] 1	[45012] 4	[5232] 14	[624] 2	[07501] 32
[41313] 6	[450201] 1	[52401] 8	[63012] 1	[076] 91
[413211] 9	[4503] 10	[53013] 4	[6303] 2	[08032] 1
[41331] 16	[45111] 7	[530211] 2	[6321] 1	[0805] 1
[414021] 2	[452001] 2	[53031] 8	[6402] 1	[081211] 1
[414102] 2	[4521] 32	[531021] 2	[642] 1	[08131] 4
[41412] 17	[4602] 3	[531102] 1	[6501] 1	[08212] 3
[414201] 5	[46101] 1	[53112] 9	[700311] 1	[082201] 2
[4143] 8	[462] 8	[531201] 5	[70122] 1	[0823] 42
[415011] 4	[470001] 1	[5313] 7	[701301] 1	[08311] 26
[41511] 16	[4701] 1	[532011] 2	[70221] 2	[084001] 3
[4161] 3	[48] 1	[53211] 18	[703101] 1	[0841] 127
[42024] 3	[502212] 1	[533001] 2	[71031] 1	[090301] 1
[420321] 2	[50223] 1	[5331] 12	[7113] 1	[0904] 2
[420402] 2	[502311] 1	[540111] 1	[71211] 1	[09121] 4
[42042] 12	[50241] 1	[54021] 2	[7212] 1	[092101] 1
[420501] 2	[503121] 1	[54102] 1		[0922] 34
[4206] 4	[503202] 1	[541101] 2		[09301] 11
[421131] 3	[50322] 2	[5412] 4	13-hedra	[094] 41
[42123] 22	[503301] 1	[54201] 3	[01A2] 8	[0A03] 4
[421311] 14	[504111] 3	[543] 1	[0283] 14	[0A111] 1
[42141] 66	[50421] 3	[5511] 2	[02911] 1	[0A2001] 1
[42204] 5	[505002] 1	[561] 1	[02A1] 21	[0A21] 22
			[0364] 43	

[0B101] 1	[16231] 76	[24214] 4	[29101] 1	[341221] 12
[0B2] 8	[16312] 33	[242221] 5	[292] 11	[341302] 1
[0C01] 1	[163201] 22	[242302] 1	[2B] 1	[34132] 67
[0D] 1	[1633] 215	[24232] 61	[31423] 1	[341401] 15
[1093] 3	[164011] 2	[242401] 15	[314311] 1	[3415] 24
[10B1] 4	[16411] 136	[2425] 46	[31441] 3	[342031] 3
[11821] 3	[165001] 9	[243031] 1	[315121] 2	[342112] 1
[11902] 1	[1651] 296	[24313] 25	[31522] 5	[34213] 32
[1192] 4	[17041] 3	[243211] 28	[315301] 4	[342211] 42
[11B] 5	[17122] 5	[24331] 221	[3154] 6	[34231] 156
[1255] 7	[171301] 2	[244021] 1	[31603] 1	[343021] 3
[12631] 14	[1714] 21	[244102] 1	[316111] 1	[343102] 3
[12712] 2	[172111] 1	[24412] 93	[31621] 14	[34312] 90
[127201] 1	[17221] 60	[244201] 49	[31702] 1	[343201] 44
[1273] 53	[17302] 7	[2443] 260	[317101] 1	[3433] 139
[12811] 20	[173101] 11	[245011] 7	[3172] 13	[344011] 11
[1291] 39	[1732] 198	[24511] 200	[31801] 2	[34411] 127
[1336] 2	[17401] 35	[246001] 10	[319] 3	[345001] 7
[13441] 19	[175] 112	[2461] 196	[32233] 1	[3451] 85
[13522] 16	[18031] 3	[251212] 1	[32251] 3	[35023] 5
[135301] 6	[1813] 18	[25123] 4	[32314] 1	[35041] 18
[1354] 57	[18211] 26	[251311] 6	[323221] 4	[35104] 2
[13603] 1	[183001] 3	[25141] 30	[32332] 15	[351121] 2
[136111] 2	[1831] 87	[252022] 1	[323401] 3	[35122] 39
[13621] 82	[1912] 22	[25204] 1	[3235] 8	[351301] 8
[13702] 8	[19201] 5	[252121] 6	[324112] 1	[3514] 44
[137101] 7	[193] 31	[252202] 2	[32413] 11	[35203] 2
[1372] 151	[1A11] 5	[25222] 54	[324211] 12	[352111] 6
[13801] 13	[1B1] 3	[252301] 16	[32431] 59	[35221] 119
[139] 43	[21541] 1	[2524] 100	[325021] 2	[35302] 18
[14251] 6	[21622] 1	[25303] 4	[32512] 27	[353101] 18
[14332] 17	[2164] 2	[253111] 16	[325201] 15	[3532] 115
[143401] 7	[21721] 4	[25321] 220	[3253] 55	[35401] 30
[1435] 43	[21802] 1	[25402] 25	[326011] 2	[355] 27
[14413] 3	[2182] 5	[254101] 29	[32611] 51	[36013] 2
[144211] 4	[22351] 2	[2542] 318	[327001] 3	[36031] 10
[14431] 121	[22432] 6	[25501] 74	[3271] 31	[36112] 5
[14512] 38	[224401] 4	[256] 77	[33043] 1	[3613] 33
[145201] 22	[2245] 8	[26014] 1	[33061] 1	[36211] 42
[1453] 281	[22513] 5	[260221] 1	[331321] 4	[363001] 3
[146011] 2	[225211] 1	[26032] 5	[331402] 1	[3631] 51
[14611] 160	[22531] 46	[260401] 3	[33142] 6	[37021] 1
[147001] 6	[22612] 12	[2605] 4	[331501] 4	[3712] 11
[1471] 215	[226201] 4	[261031] 1	[3316] 3	[37201] 7
[15142] 3	[2263] 66	[26113] 6	[332131] 3	[373] 9
[151501] 1	[22711] 39	[261211] 7	[332212] 4	[3811] 8
[1516] 2	[228001] 2	[26131] 37	[33223] 16	[391] 1
[15223] 1	[2281] 37	[26212] 25	[332311] 18	[413212] 1
[152311] 6	[23242] 2	[262201] 15	[33241] 45	[41323] 1
[15241] 40	[2326] 1	[2623] 110	[333022] 1	[413311] 1
[153121] 3	[23323] 7	[263011] 1	[333121] 22	[41341] 1
[15322] 32	[233311] 8	[26311] 101	[333202] 6	[414121] 2
[153301] 16	[23341] 33	[264001] 7	[33322] 69	[415012] 1
[1534] 126	[234121] 6	[2641] 196	[333301] 25	[41503] 1
[15403] 3	[234202] 1	[270121] 1	[3334] 65	[415111] 1
[154111] 10	[23422] 42	[27022] 3	[334012] 1	[41521] 1
[15421] 188	[234301] 19	[270301] 2	[33403] 12	[42115] 1
[15502] 17	[2344] 68	[2704] 4	[334111] 29	[421231] 1
[155101] 21	[23503] 6	[271111] 1	[33421] 136	[421312] 1
[1552] 432	[235111] 13	[27121] 21	[33502] 16	[42133] 8
[15601] 67	[23521] 124	[27202] 2	[335101] 18	[421411] 3
[157] 123	[23602] 11	[272101] 6	[3352] 109	[42151] 9
[16033] 1	[236101] 11	[2722] 61	[33601] 28	[422041] 2
[160411] 1	[2362] 159	[27301] 26	[337] 19	[422122] 1
[16051] 2	[23701] 24	[274] 55	[34015] 1	[42214] 6
[16132] 12	[238] 21	[2803] 2	[340231] 3	[422203] 1
[161401] 5	[240601] 3	[28111] 5	[34033] 11	[422221] 15
[1615] 20	[24133] 4	[282001] 1	[340411] 7	[422302] 3
[16213] 3	[241411] 2	[2821] 28	[34051] 12	[42232] 51
[162211] 6	[24151] 12	[2902] 5	[34114] 7	[422401] 9

[4225] 18	[45301] 8	[533101] 5	[70411] 2	[066101] 3
[423031] 1	[454] 10	[5332] 17	[705001] 1	[0662] 90
[423112] 3	[46111] 3	[53401] 5	[7051] 1	[06701] 9
[42313] 22	[462001] 1	[535] 1	[710131] 1	[068] 14
[423211] 26	[4621] 5	[54013] 2	[71023] 2	[07151] 1
[42331] 87	[4702] 1	[54031] 6	[71041] 4	[07232] 2
[424021] 4	[472] 5	[54112] 6	[71104] 1	[0725] 8
[424102] 2	[4801] 1	[5413] 9	[711121] 1	[07331] 11
[42412] 42	[49] 1	[54211] 11	[71122] 3	[0743] 54
[424201] 16	[512113] 1	[543001] 1	[711301] 1	[07511] 14
[4243] 56	[512131] 3	[5431] 6	[7114] 2	[076001] 1
[425011] 3	[512212] 2	[5512] 2	[712111] 1	[0761] 46
[42511] 41	[51223] 4	[55201] 2	[71221] 7	[080402] 1
[426001] 4	[512311] 3	[553] 1	[71302] 1	[0806] 1
[4261] 15	[51241] 2	[5611] 1	[7132] 1	[081311] 1
[430222] 2	[513022] 1	[571] 1	[71401] 1	[08222] 2
[430321] 2	[513103] 1	[610204] 1	[715] 1	[082301] 2
[43042] 1	[513121] 7	[610222] 2	[72013] 1	[0824] 10
[430501] 2	[513202] 1	[611113] 2	[72031] 1	[08321] 3
[431113] 1	[51322] 5	[611131] 2	[72112] 1	[084101] 1
[431131] 3	[513301] 1	[611212] 3	[7213] 1	[0842] 53
[431212] 6	[5134] 1	[61123] 1	[72211] 1	[08501] 6
[43123] 11	[514012] 2	[611311] 2	[7231] 1	[086] 11
[431311] 12	[51403] 2	[612022] 2	[733] 1	[09032] 1
[43141] 22	[514111] 5	[612103] 1		[09131] 2
[432022] 2	[51421] 1	[612121] 6	14-hedra	[0923] 8
[43204] 1	[51502] 1	[612202] 2	[01A3] 1	[09311] 2
[432121] 20	[520051] 1	[61222] 1	[0284] 10	[094001] 1
[432202] 5	[520132] 1	[61303] 1	[02921] 2	[0941] 17
[43222] 50	[52015] 3	[613111] 2	[02A2] 5	[0A04] 3
[432301] 13	[520231] 9	[620122] 1	[02B01] 1	[0A22] 8
[4324] 35	[520312] 2	[620221] 1	[02C] 1	[0A301] 1
[43303] 9	[52033] 20	[62032] 1	[0365] 5	[0A4] 5
[433111] 21	[520411] 10	[621031] 1	[03731] 5	[0B21] 3
[43321] 96	[52051] 11	[621112] 1	[0383] 25	[0C02] 2
[43402] 10	[521041] 1	[62113] 1	[03911] 3	[0E] 1
[434101] 12	[521122] 3	[621211] 3	[03A1] 7	[1175] 2
[4342] 56	[52114] 12	[622102] 1	[0446] 7	[11831] 1
[43501] 20	[521221] 21	[62212] 1	[04541] 4	[1193] 5
[436] 13	[521302] 3	[630121] 1	[04622] 4	[11A11] 1
[440041] 1	[52132] 60	[630301] 1	[046301] 2	[12641] 2
[440122] 1	[521401] 12	[632101] 1	[0464] 33	[12722] 1
[44014] 1	[5215] 10	[6322] 1	[04721] 15	[1274] 7
[440221] 5	[522031] 4	[700033] 1	[04802] 1	[12821] 6
[440302] 1	[522112] 3	[700051] 1	[048101] 1	[1292] 18
[44032] 5	[52213] 26	[700132] 1	[0482] 50	[12A01] 2
[440401] 3	[522211] 30	[70015] 2	[04901] 5	[1337] 1
[4405] 2	[52231] 68	[700213] 1	[04A] 4	[13451] 3
[441031] 2	[523021] 4	[700231] 6	[05351] 2	[13532] 6
[441112] 1	[523102] 2	[700312] 1	[05432] 2	[135401] 1
[44113] 10	[52312] 38	[70033] 8	[054401] 2	[1355] 16
[441211] 15	[523201] 12	[700411] 3	[0545] 15	[13631] 22
[44131] 26	[5233] 23	[70051] 2	[05531] 18	[13712] 3
[442102] 1	[524011] 3	[701041] 1	[05612] 1	[137201] 1
[44212] 26	[52411] 18	[701122] 2	[056201] 2	[1373] 41
[442201] 12	[525001] 1	[70114] 4	[0563] 79	[13811] 13
[4423] 39	[5251] 4	[701221] 7	[05711] 15	[1391] 21
[443011] 3	[530131] 2	[701302] 1	[058001] 1	[14342] 2
[44311] 38	[53023] 7	[70132] 13	[0581] 34	[143501] 2
[444001] 3	[530311] 4	[701401] 3	[0608] 2	[1436] 2
[4441] 32	[53041] 14	[7015] 2	[06242] 1	[14423] 2
[450121] 1	[53104] 3	[702031] 2	[0626] 4	[144311] 2
[45022] 4	[531121] 4	[702112] 1	[06323] 1	[14441] 23
[450301] 3	[53122] 29	[70213] 6	[063311] 1	[14522] 15
[4504] 3	[531301] 6	[702211] 6	[06341] 5	[145301] 7
[451111] 2	[5314] 12	[70231] 8	[06422] 4	[1454] 62
[45121] 10	[53203] 4	[703021] 1	[064301] 2	[146111] 1
[45202] 2	[532111] 6	[70312] 5	[0644] 47	[14621] 47
[452101] 4	[53221] 46	[703201] 2	[06521] 22	[14702] 3
[4522] 18	[53302] 6	[7033] 1	[06602] 1	[147101] 4

[1472] 90	[2264] 16	[26042] 2	[33413] 4	[4163] 3
[14801] 10	[22721] 22	[260501] 2	[334211] 7	[41711] 3
[149] 7	[22802] 1	[2606] 2	[33431] 27	[418001] 1
[15152] 1	[228101] 1	[26105] 1	[33512] 10	[4181] 2
[1517] 1	[2282] 19	[261131] 1	[335201] 8	[422222] 1
[15233] 1	[22901] 6	[26123] 5	[3353] 29	[42224] 1
[152411] 1	[22A] 2	[261311] 4	[33611] 17	[422321] 2
[15251] 6	[232601] 1	[26141] 9	[337001] 2	[42242] 2
[15332] 12	[233411] 2	[26204] 1	[3371] 14	[422501] 1
[153401] 3	[23351] 3	[262121] 1	[341141] 2	[4226] 1
[1535] 20	[23414] 1	[26222] 16	[341222] 1	[423032] 1
[154211] 1	[234221] 2	[262301] 6	[34124] 4	[42305] 1
[15431] 55	[23432] 11	[2624] 35	[341321] 10	[423131] 4
[15512] 6	[234401] 5	[263111] 1	[341402] 1	[423212] 2
[155201] 4	[2345] 11	[26321] 36	[34142] 13	[42323] 9
[1553] 106	[23513] 3	[26402] 1	[341501] 2	[423311] 9
[15611] 40	[235211] 4	[264101] 3	[3416] 3	[42341] 5
[157001] 1	[23531] 36	[2642] 77	[34205] 1	[42404] 2
[1571] 67	[23612] 10	[26501] 19	[342131] 5	[424121] 6
[161321] 1	[236201] 6	[266] 17	[342212] 1	[424202] 2
[16142] 2	[2363] 53	[27014] 1	[34223] 24	[42422] 20
[161501] 1	[23711] 21	[27032] 4	[342311] 26	[424301] 7
[1616] 4	[238001] 1	[2705] 2	[34241] 38	[4244] 4
[16223] 3	[2381] 33	[27113] 1	[34304] 2	[425111] 6
[162311] 3	[24224] 3	[27131] 14	[343121] 6	[42521] 14
[16241] 17	[242321] 2	[27212] 2	[343202] 1	[42602] 4
[16322] 13	[242402] 2	[272201] 2	[34322] 60	[426101] 3
[163301] 6	[24242] 9	[2723] 20	[343301] 21	[4262] 7
[1634] 54	[242501] 1	[27311] 8	[3434] 35	[42701] 3
[164111] 1	[2426] 5	[274001] 1	[344111] 10	[428] 2
[16421] 39	[24305] 1	[2741] 31	[34421] 63	[430403] 1
[16502] 2	[243131] 2	[28022] 1	[34502] 7	[430421] 1
[165101] 4	[24323] 15	[2804] 4	[345101] 11	[43052] 1
[1652] 108	[243311] 12	[28121] 3	[3452] 36	[4307] 1
[16601] 11	[24341] 38	[2822] 13	[34601] 8	[431312] 1
[167] 13	[24404] 2	[28301] 3	[347] 2	[43133] 1
[17132] 3	[244121] 3	[284] 7	[35114] 2	[431411] 2
[1715] 3	[244202] 1	[2903] 2	[351221] 2	[43151] 2
[17231] 18	[24422] 53	[2921] 4	[35132] 14	[432041] 1
[17312] 2	[244301] 18	[2A02] 1	[351401] 3	[43214] 3
[173201] 2	[2444] 53	[2A2] 1	[3515] 3	[432221] 5
[1733] 47	[245111] 5	[2B01] 1	[35213] 7	[432302] 1
[17411] 16	[24521] 85	[323321] 2	[352211] 3	[43232] 13
[175001] 2	[24602] 8	[32342] 2	[35231] 51	[432401] 4
[1751] 49	[246101] 11	[323501] 2	[35312] 14	[4325] 2
[1814] 5	[2462] 83	[3236] 2	[353201] 7	[43313] 8
[18221] 3	[24701] 17	[324131] 1	[3533] 43	[433211] 8
[1832] 31	[248] 11	[32423] 4	[35411] 36	[43331] 28
[18401] 3	[250421] 1	[324311] 4	[355001] 4	[43412] 10
[185] 6	[25052] 1	[32441] 11	[3551] 18	[434201] 7
[1913] 3	[2507] 1	[32504] 1	[36122] 2	[4343] 11
[1931] 10	[25133] 1	[325121] 2	[3614] 6	[43511] 15
[1A12] 1	[251411] 3	[32522] 17	[36221] 17	[436001] 3
[1B11] 1	[25151] 5	[325301] 6	[3632] 18	[4361] 3
[2066] 1	[25214] 3	[3254] 14	[36401] 6	[440042] 2
[20822] 1	[25232] 24	[326111] 2	[365] 4	[440123] 1
[2084] 1	[252401] 4	[32621] 19	[3713] 3	[440141] 4
[20921] 1	[2525] 15	[32702] 2	[3731] 9	[440222] 5
[20A2] 3	[25313] 7	[327101] 3	[383] 1	[44024] 4
[20B01] 1	[253211] 4	[3272] 10	[414041] 1	[440321] 15
[2183] 2	[25331] 77	[32801] 3	[41414] 1	[440402] 4
[21A1] 3	[25412] 17	[332312] 1	[414221] 1	[44042] 6
[22442] 2	[254201] 7	[33233] 1	[41432] 3	[440501] 2
[2246] 2	[2543] 95	[332411] 2	[414401] 1	[4406] 2
[22523] 2	[25511] 56	[33251] 2	[4145] 1	[441032] 1
[225311] 1	[256001] 5	[333221] 4	[41513] 1	[44105] 3
[22541] 8	[2561] 65	[333302] 1	[415211] 1	[441131] 10
[22604] 1	[260222] 1	[33332] 10	[41531] 5	[441212] 2
[22622] 11	[260321] 1	[333401] 5	[41612] 2	[44123] 16
[226301] 1	[260402] 1	[3335] 3	[416201] 1	[441311] 21

[44141] 11
[44204] 3
[442121] 5
[442202] 2
[44222] 33
[442301] 15
[4424] 13
[443111] 6
[44321] 21
[44402] 3
[444101] 7
[4442] 13
[44501] 7
[446] 4
[450041] 1
[45014] 5
[450221] 2
[45032] 11
[450401] 3
[4505] 1
[45113] 5
[451211] 2
[45131] 21
[45212] 4
[452201] 3
[4523] 8
[45311] 6
[454001] 3
[4541] 6
[46022] 3
[4604] 5
[46121] 4

[4622] 4
[46301] 2
[464] 5
[4703] 1
[4721] 2
[4901] 1
[4A] 1
[521123] 1
[521141] 2
[521222] 2
[52124] 2
[521303] 1
[521321] 8
[521402] 1
[52142] 3
[521501] 1
[5216] 1
[522032] 1
[52205] 1
[522131] 6
[522212] 4
[52223] 12
[522311] 15
[52241] 5
[52304] 1
[523121] 8
[523202] 2
[52322] 18
[523301] 7
[5234] 1
[524111] 7
[52421] 7

[52502] 2
[525101] 2
[531041] 1
[53114] 2
[531221] 4
[53132] 8
[531401] 2
[5315] 1
[53213] 5
[532211] 4
[53231] 11
[53312] 4
[533201] 5
[5333] 5
[53411] 6
[535001] 2
[5351] 1
[54122] 1
[5414] 2
[54221] 3
[5432] 2
[54401] 1
[545] 1
[5513] 1
[5531] 1
[563] 1
[620024] 1
[620042] 2
[620123] 2
[620141] 7
[620222] 7
[62024] 2

[620303] 1
[620321] 11
[620402] 2
[62042] 2
[621032] 2
[62105] 3
[621131] 9
[621212] 4
[62123] 10
[621311] 16
[62141] 2
[62204] 1
[622121] 6
[622202] 2
[62222] 8
[622301] 6
[6224] 1
[623111] 4
[62321] 1
[624101] 1
[630041] 1
[63014] 4
[630221] 2
[63032] 5
[630401] 1
[63113] 2
[631211] 2
[63131] 6
[63212] 1
[632201] 1
[6323] 1
[63311] 2

[64022] 2
[6404] 1
[64121] 2
[800006] 1
[800024] 1
[800042] 2
[800123] 2
[800141] 3
[800222] 3
[80024] 1
[800303] 1
[800321] 4
[800402] 2
[801032] 1
[80105] 1
[801131] 3
[801212] 1
[80123] 1
[801311] 4
[802121] 1
[802202] 1
[80222] 2
[802301] 2
[804101] 1
[810041] 1
[81032] 1
[811211] 1
[81212] 1
[814001] 1
[824] 1
[8303] 1
[86] 1

Among an infinite amount of natural crystals a diamond with its unique mysterious properties towers. Usually crystal polyhedra are limited by smooth surfaces and rectilinear edges, so the linearity of these elements has come into scientific use of a crystallographer to such an extent that he is eager to apply major laws of geometrical bodies to crystals ...

No mineral species gives a crystallographer such a great amount of material, as the precious mineral of a diamond does ... The most common crystal form is an octahedron ... In comparison, crystals of this mineral occur as cubes more rare ...

We hope that the current research and the illustrations applied to it will not only contribute to our own knowledge and that of our colleagues mineralogists, but will also serve those professionals, who work on little crystals of diamonds day after day. We also hope that our work will interest general public in these beautiful and remarkable formations.

*A.E. Fersman
Crystallography of a diamond*