

$\sqrt{2}$

$E_0 = \text{area of Mercury} \pm 1 \text{ mm}$

$E_0 \rightarrow E_{57}$

7,272.502,166,360,302 km

E (epsilon)
0-57

MERCURY

10,284.871,196,054,453 km

equatorial radius : 2,439.7 km

polar radius : 2,439.7 km

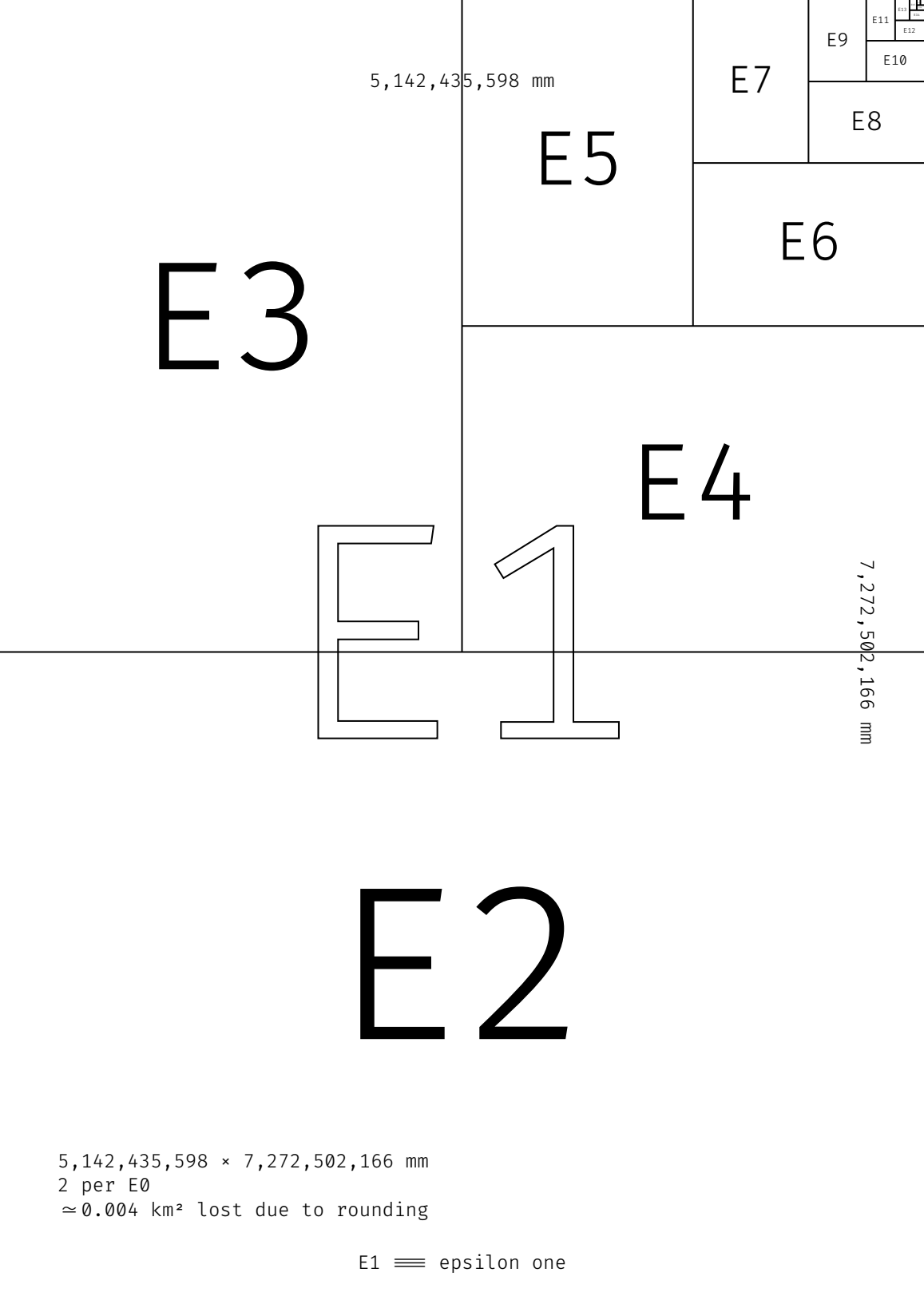
calculated area : 74,796,748.054,042,68 km²

rectangle with an area equal to Mercury and a ratio of
1:√2 :

width : 7,272.502,166,360,302 km

height : 10,284.871,196,054,453 km

This series is printed in the format α51 (153 × 216 mm),
the first format that can be affixed on an A4 format.



5,142,435,598 mm

E7

E9

E10

E8

E5

E6

E3

E4

E1

7,272,502,166 mm

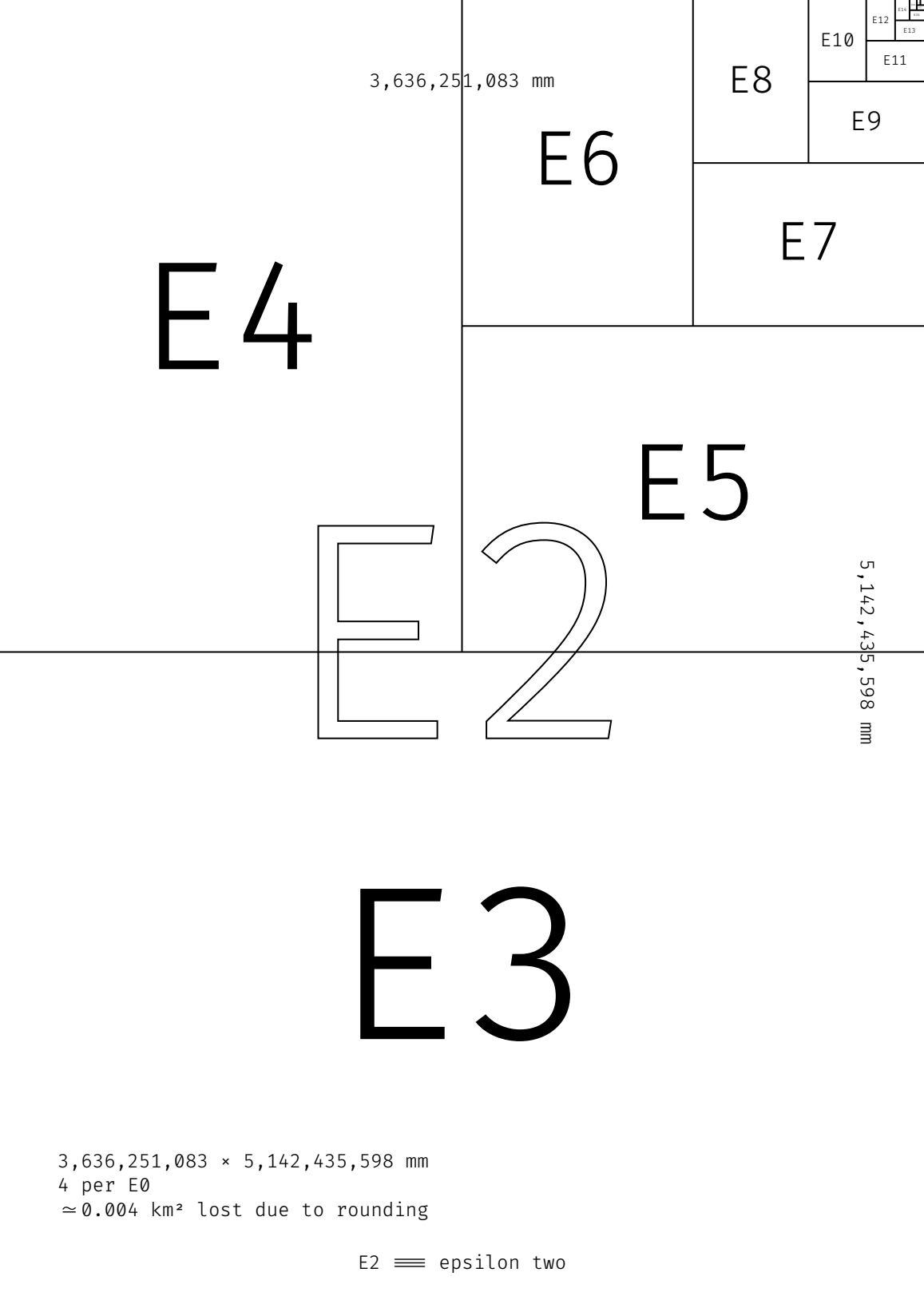
E2

5,142,435,598 × 7,272,502,166 mm

2 per E0

≈ 0.004 km² lost due to rounding

E1 ≡ epsilon one



3,636,251,083 mm

E10

E12
E13

E11

E8

E9

E6

E7

E4

E5

E2

5,142,435,598 mm

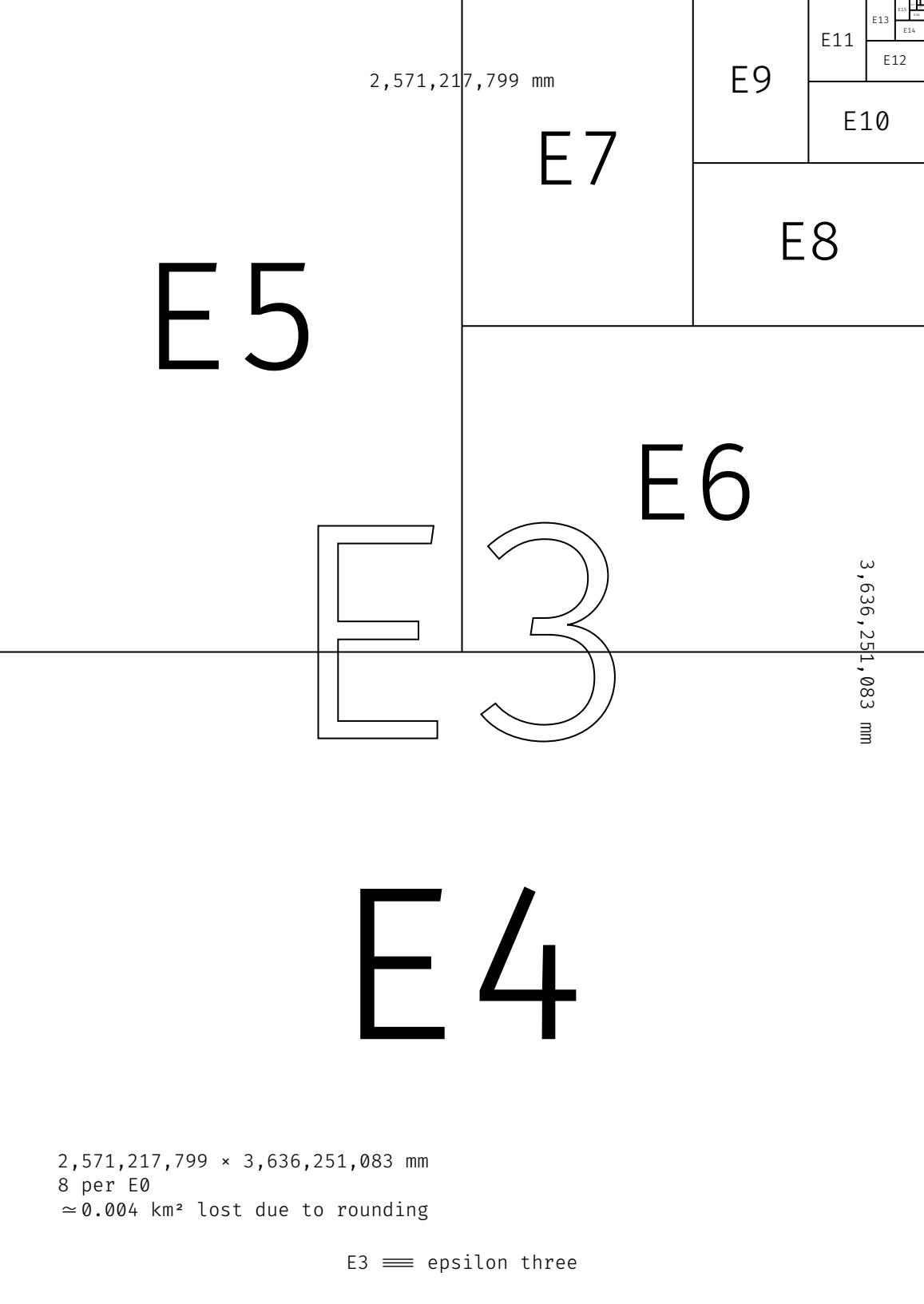
E3

3,636,251,083 × 5,142,435,598 mm

4 per E0

≈ 0.004 km² lost due to rounding

E2 ≡ epsilon two



2,571,217,799 mm

E11

E13

E14

E12

E9

E10

E7

E8

E5

E6

E3

3,636,251,083 mm

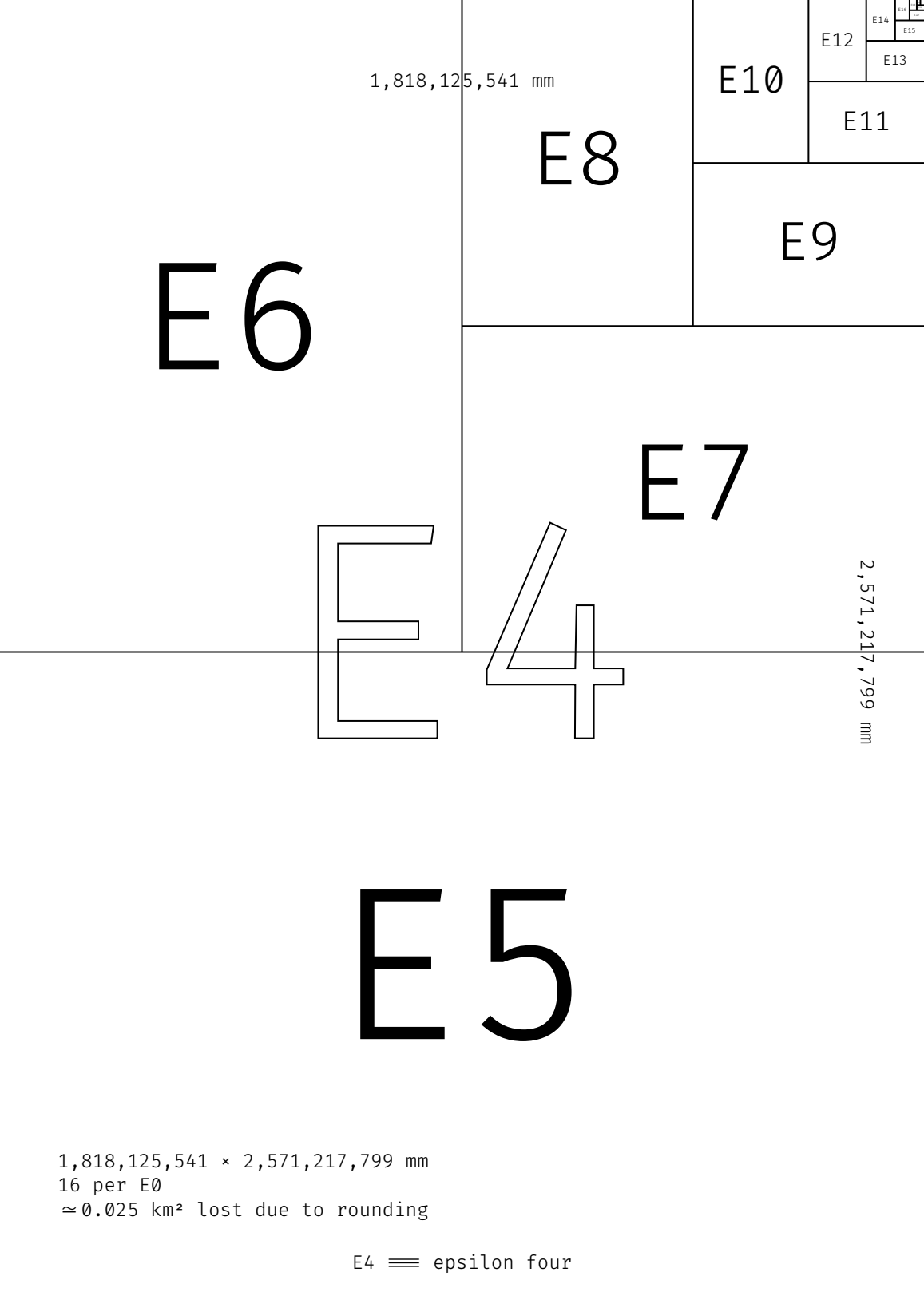
E4

$2,571,217,799 \times 3,636,251,083$ mm

8 per E0

≈ 0.004 km² lost due to rounding

E3 ≡ epsilon three



1,818,125,541 mm

E12

E14

E15

E13

E10

E11

E8

E9

E6

E7

E4

2,571,217,799 mm

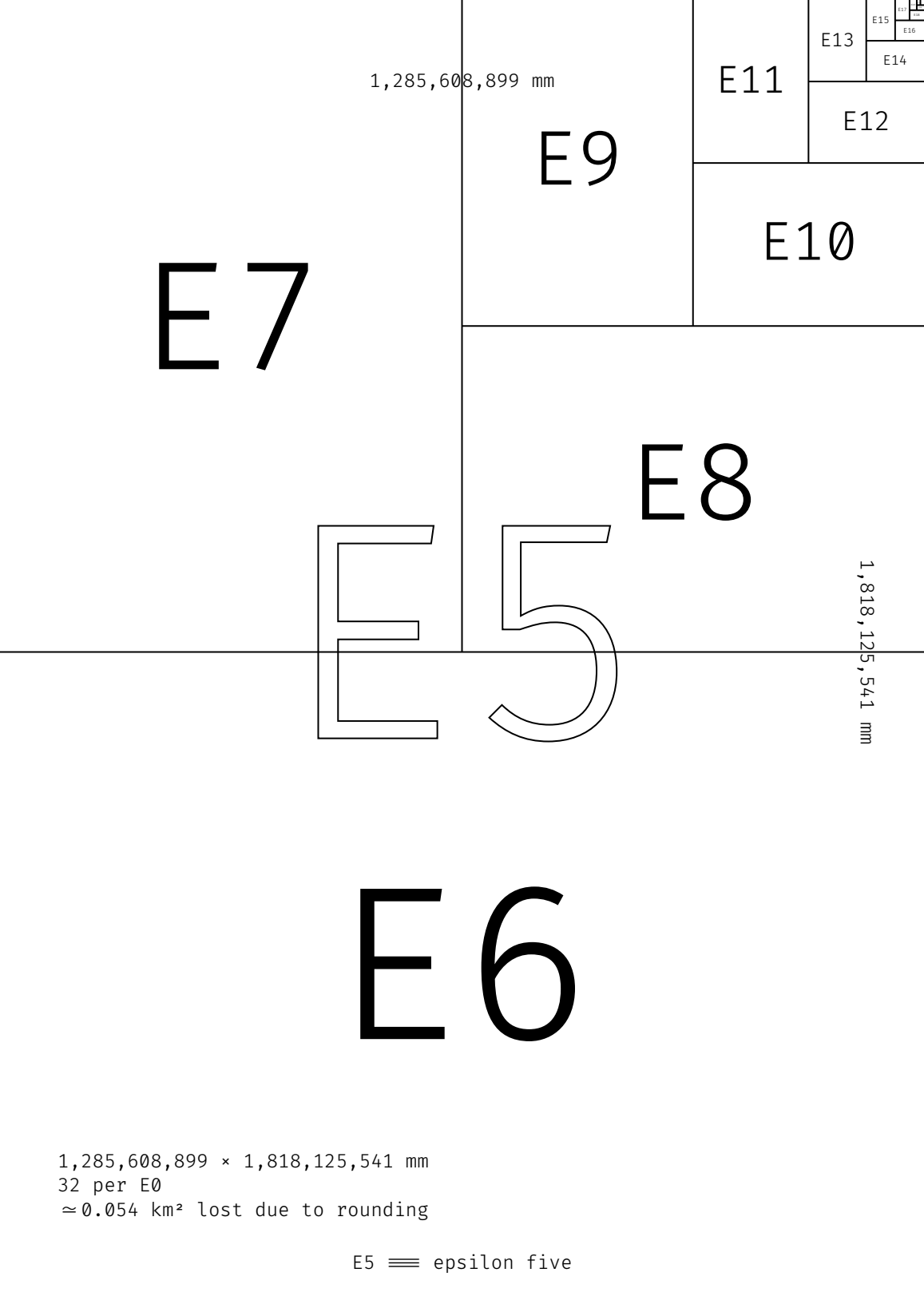
E5

1,818,125,541 × 2,571,217,799 mm

16 per E0

≈ 0.025 km² lost due to rounding

E4 ≡ epsilon four



1,285,608,899 mm

E11

E13

E15
E16

E14

E12

E9

E10

E7

E8

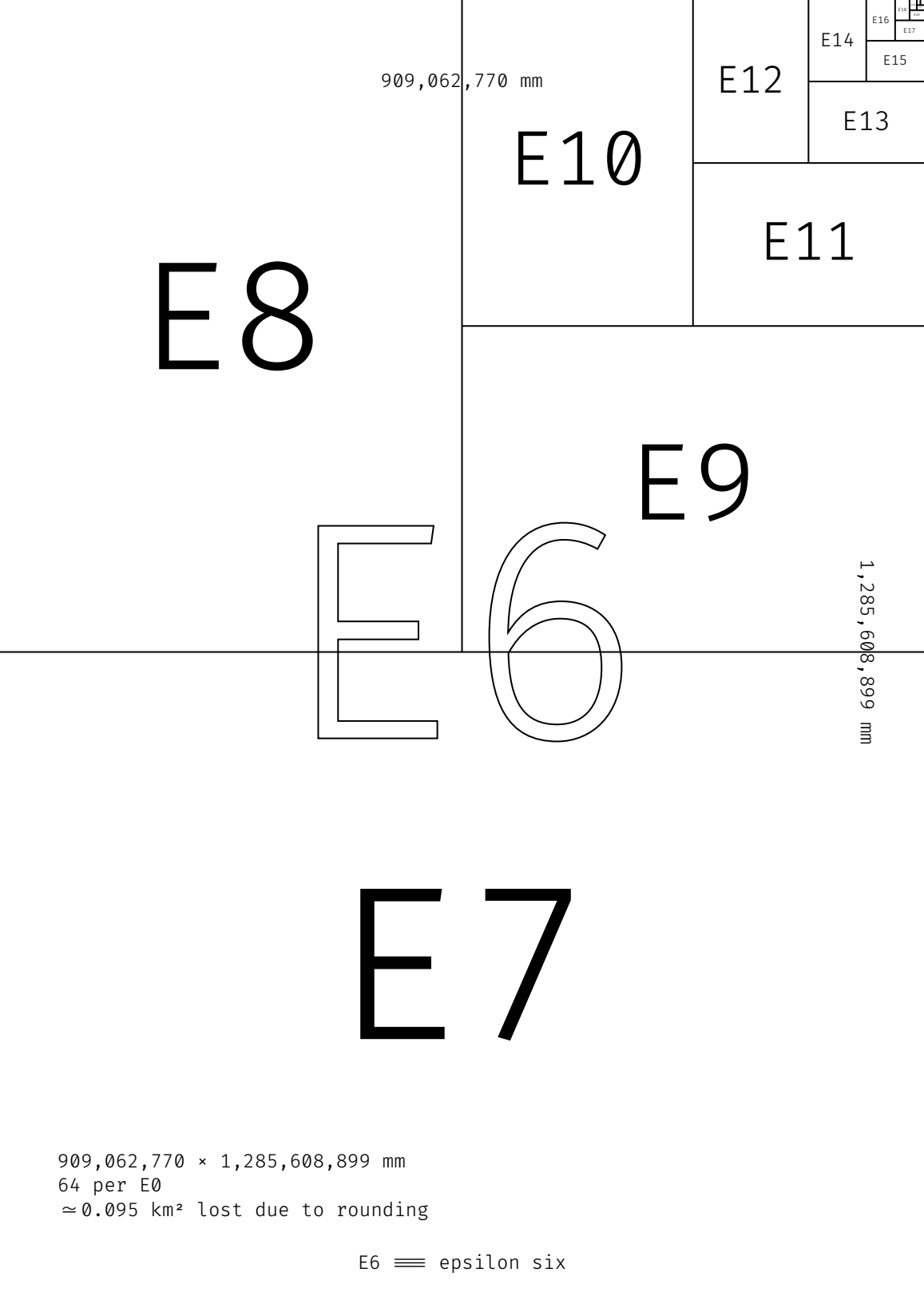
E5

1,818,125,541 mm

E6

1,285,608,899 × 1,818,125,541 mm
32 per E0
≈ 0.054 km² lost due to rounding

E5 ≡ epsilon five



909,062,770 mm

E12

E14

E16

E17

E15

E13

E10

E11

E8

E9

E6

1,285,608,899 mm

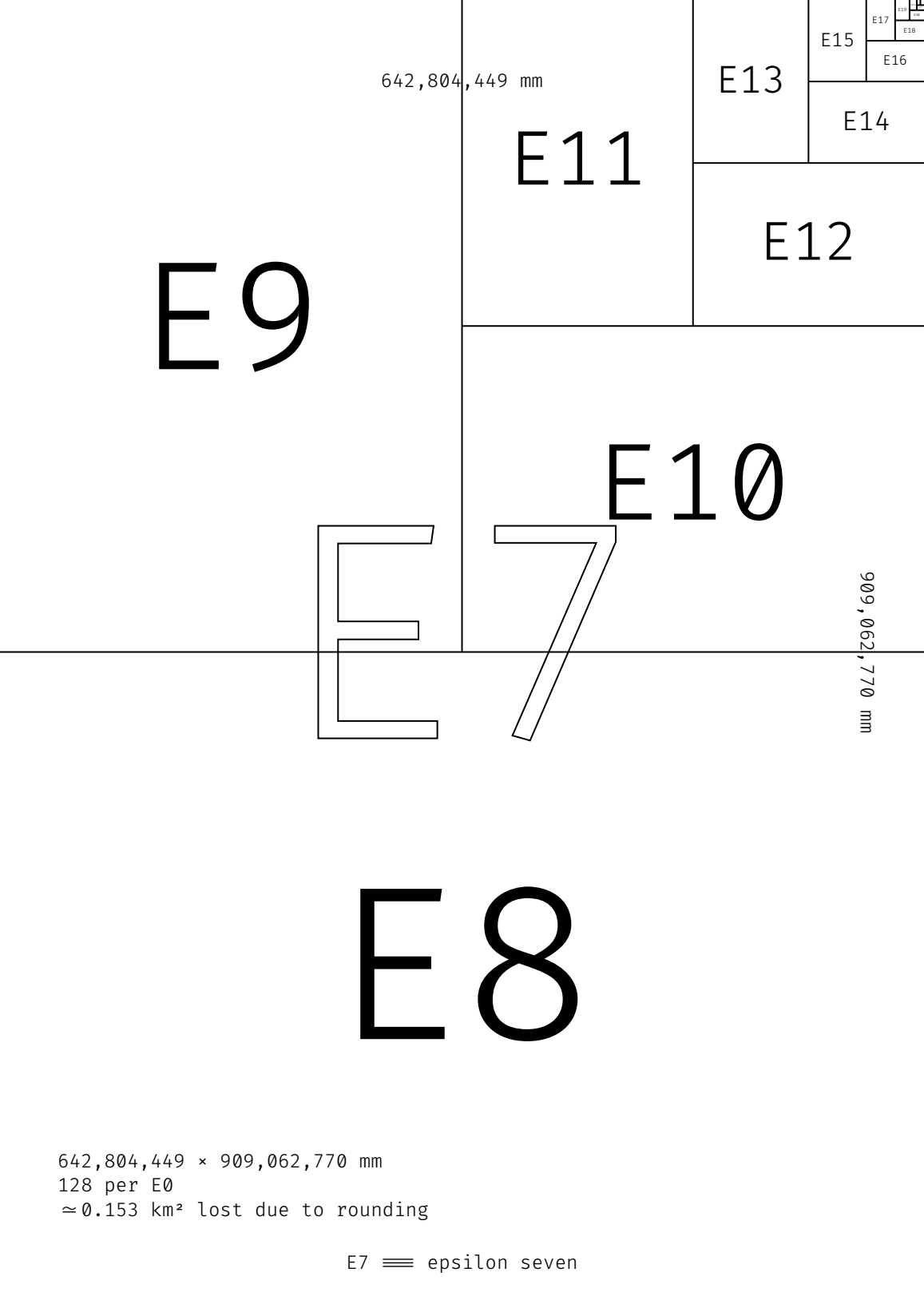
E7

$909,062,770 \times 1,285,608,899$ mm

64 per E0

≈ 0.095 km² lost due to rounding

E6 ≡ epsilon six



642,804,449 mm

E13

E15

E17

E18

E16

E14

E11

E12

E9

E10

E

7

909,062,770 mm

E8

642,804,449 × 909,062,770 mm

128 per E0

≈ 0.153 km² lost due to rounding

E7 ≡ epsilon seven

E18
E19

E16

E17

E14

E15

454,531,385 mm

E12

E13

E10

E11

E8

642,804,449 mm

E9

454,531,385 × 642,804,449 mm

256 per E0

≈ 0.153 km² lost due to rounding

E8 ≡ epsilon eight

E19
E20

E17

E18

E15

E16

321,402,224 mm

E13

E14

E11

E12

E9

454,531,385 mm

E10

321,402,224 × 454,531,385 mm

512 per E0

≈ 0.269 km² lost due to rounding

E9 ≡ epsilon nine

E20
E21

E18

E19

E16

E17

227,265,692 mm

E14

E15

E12

E13

E10

321,402,224 mm

E11

227,265,692 × 321,402,224 mm

1,024 per E0

≈ 0.434 km² lost due to rounding

E10 ≡ epsilon ten

E21
E22

E19

E20

160,701,112 mm

E17

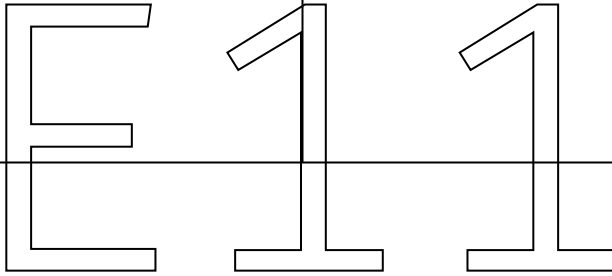
E18

E15

E16

E13

E14



227,265,692 mm

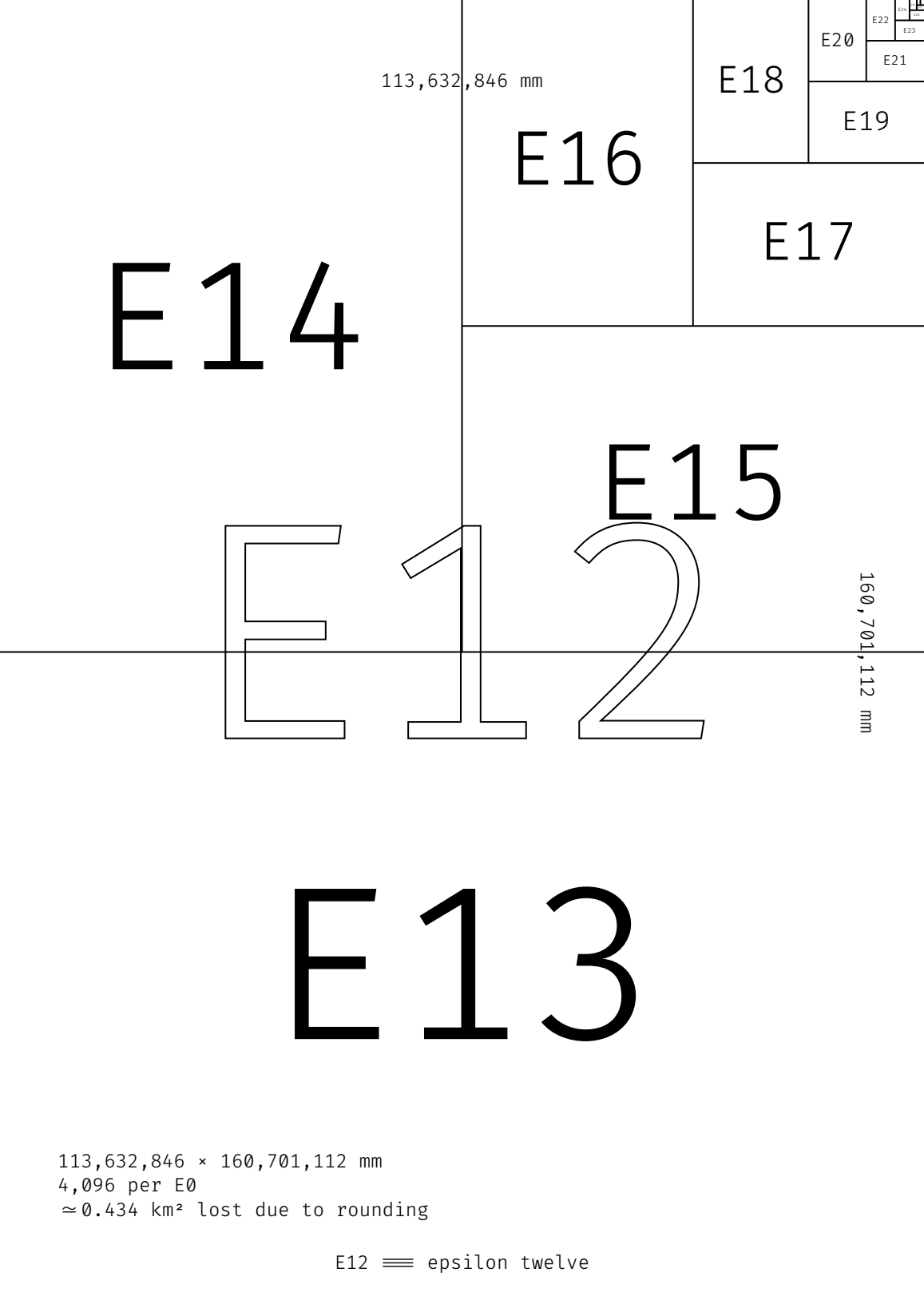
E12

160,701,112 × 227,265,692 mm

2,048 per E0

≈ 0.434 km² lost due to rounding

E11 ≡ epsilon eleven



113,632,846 mm

E20

E22

E23

E21

E18

E19

E16

E17

E14

E15

E12

160,701,112 mm

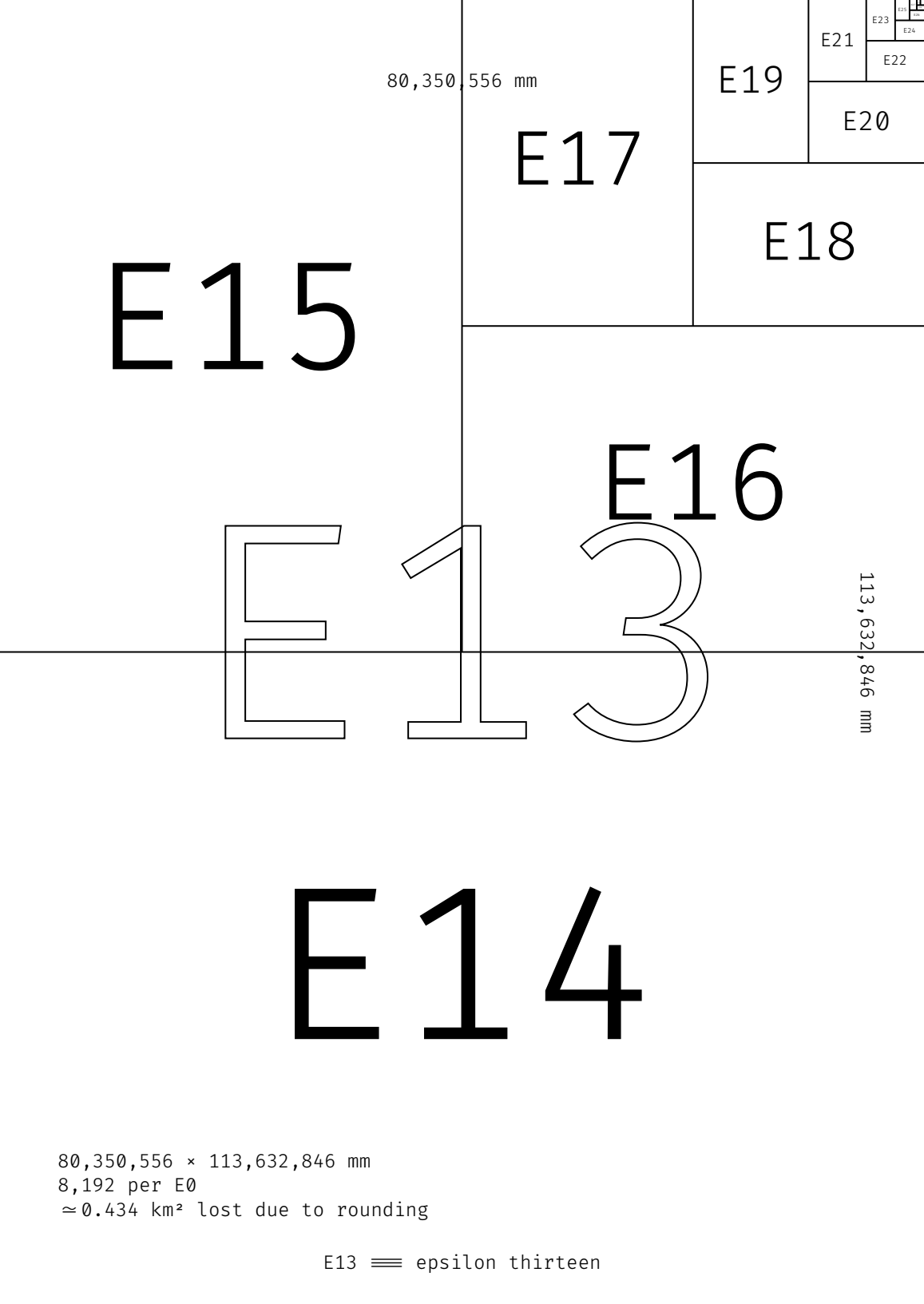
E13

113,632,846 × 160,701,112 mm

4,096 per E0

≈ 0.434 km² lost due to rounding

E12 ≡ epsilon twelve



80,350,556 mm

E19

E21

E22

E23

E24

E20

E17

E18

E15

E16

E13

113,632,846 mm

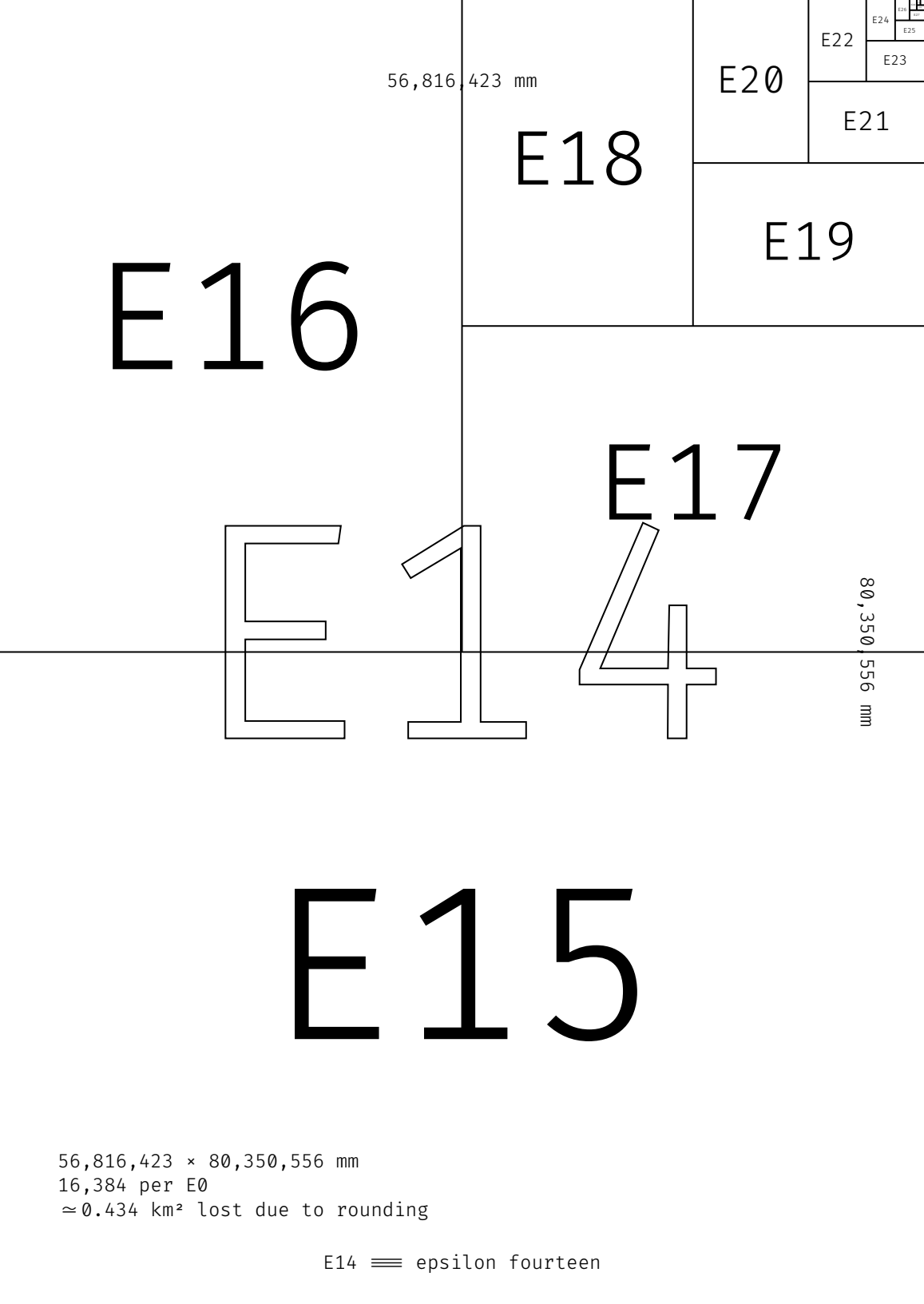
E14

80,350,556 × 113,632,846 mm

8,192 per E0

≈ 0.434 km² lost due to rounding

E13 ≡ epsilon thirteen



56,816,423 mm

E20

E22

E25

E23

E21

E18

E19

E16

E17

E14

80,350,556 mm

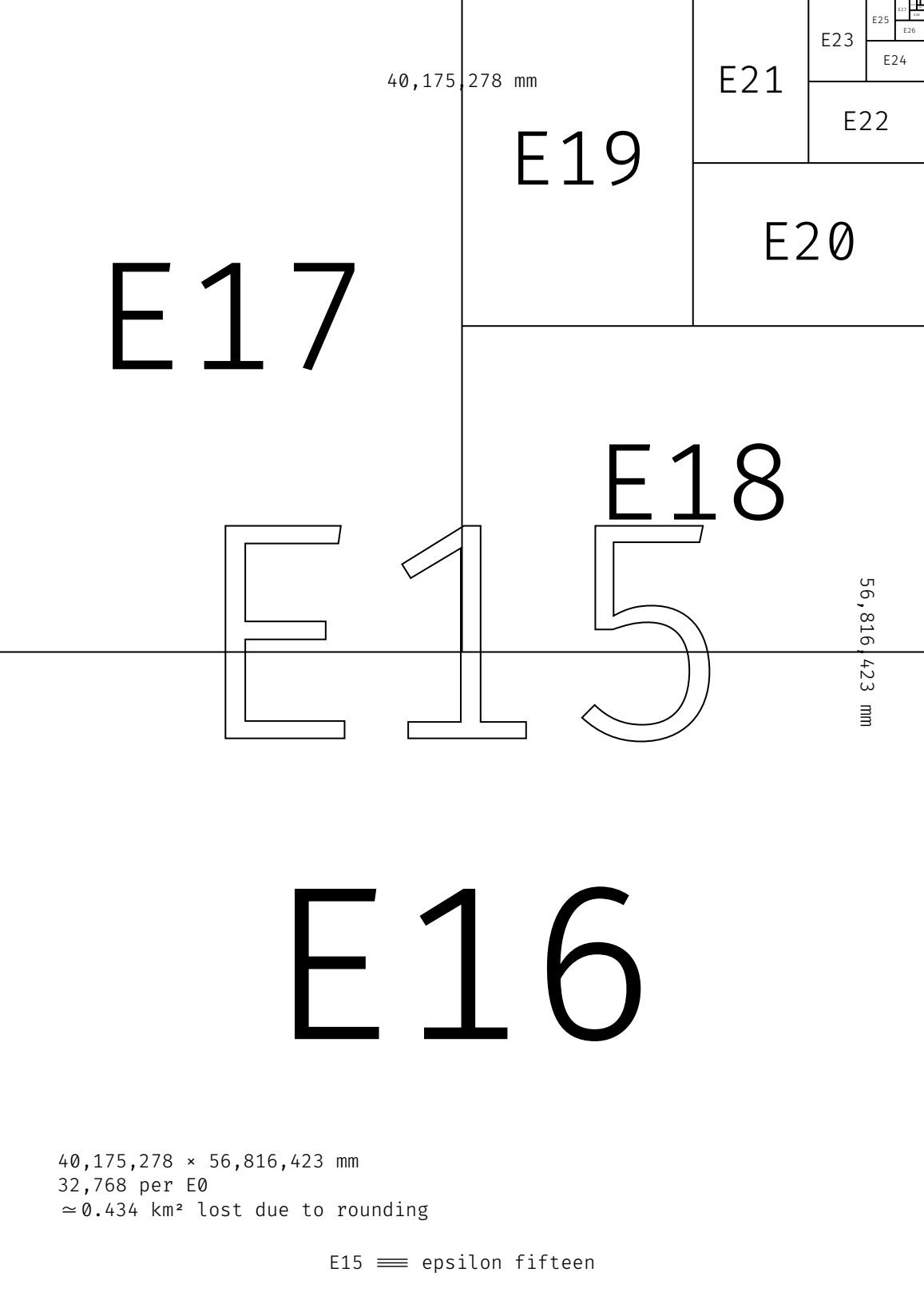
E15

56,816,423 × 80,350,556 mm

16,384 per E0

≈ 0.434 km² lost due to rounding

E14 ≡ epsilon fourteen



40,175,278 mm

E21

E23

E25

E26

E24

E22

E19

E20

E17

E18

E15

56,816,423 mm

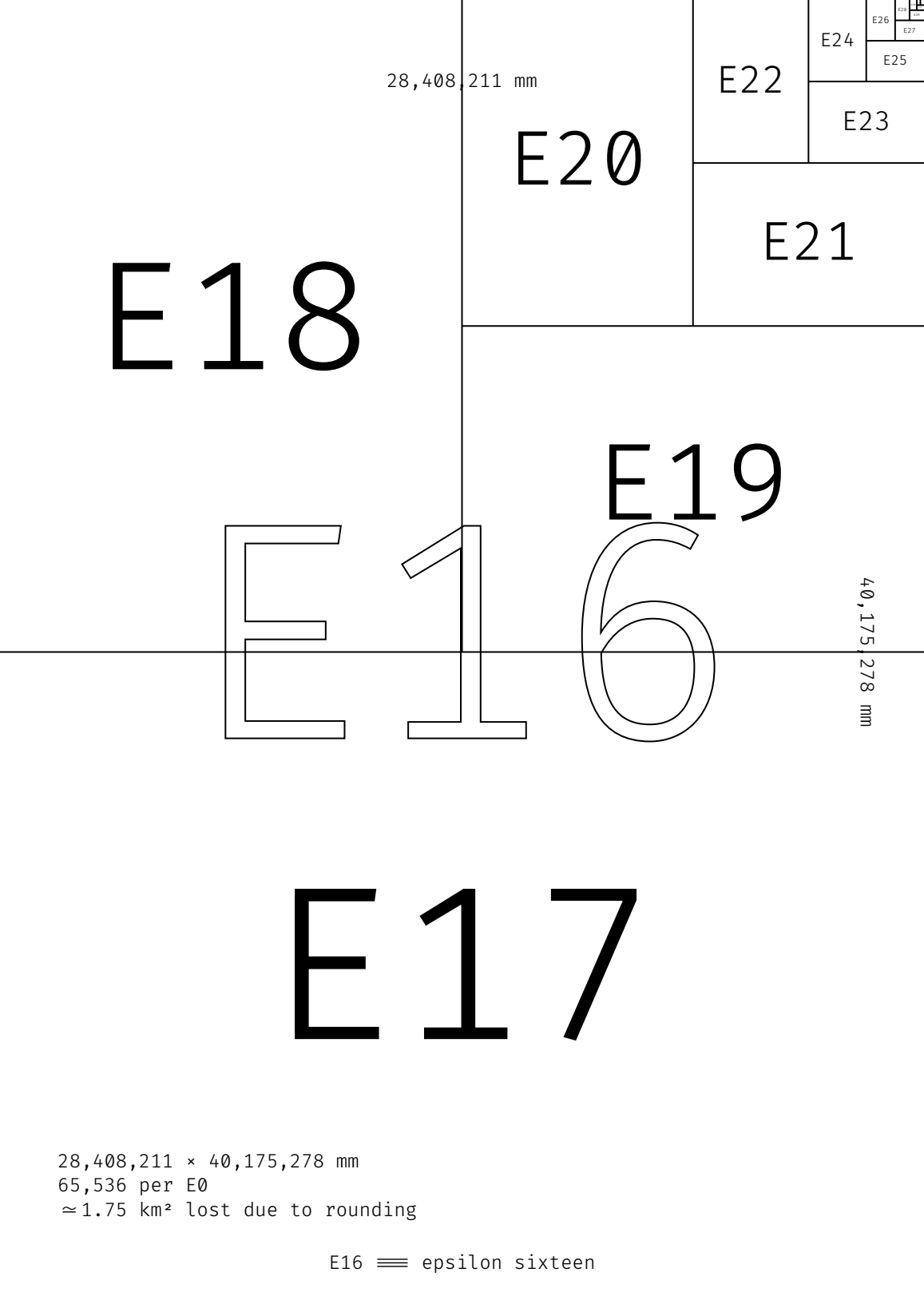
E16

$40,175,278 \times 56,816,423$ mm

32,768 per E0

≈ 0.434 km² lost due to rounding

E15 ≡ epsilon fifteen



28,408,211 mm

E22

E24

E25

E26

E27

E23

E20

E21

E18

E19

E16

40,175,278 mm

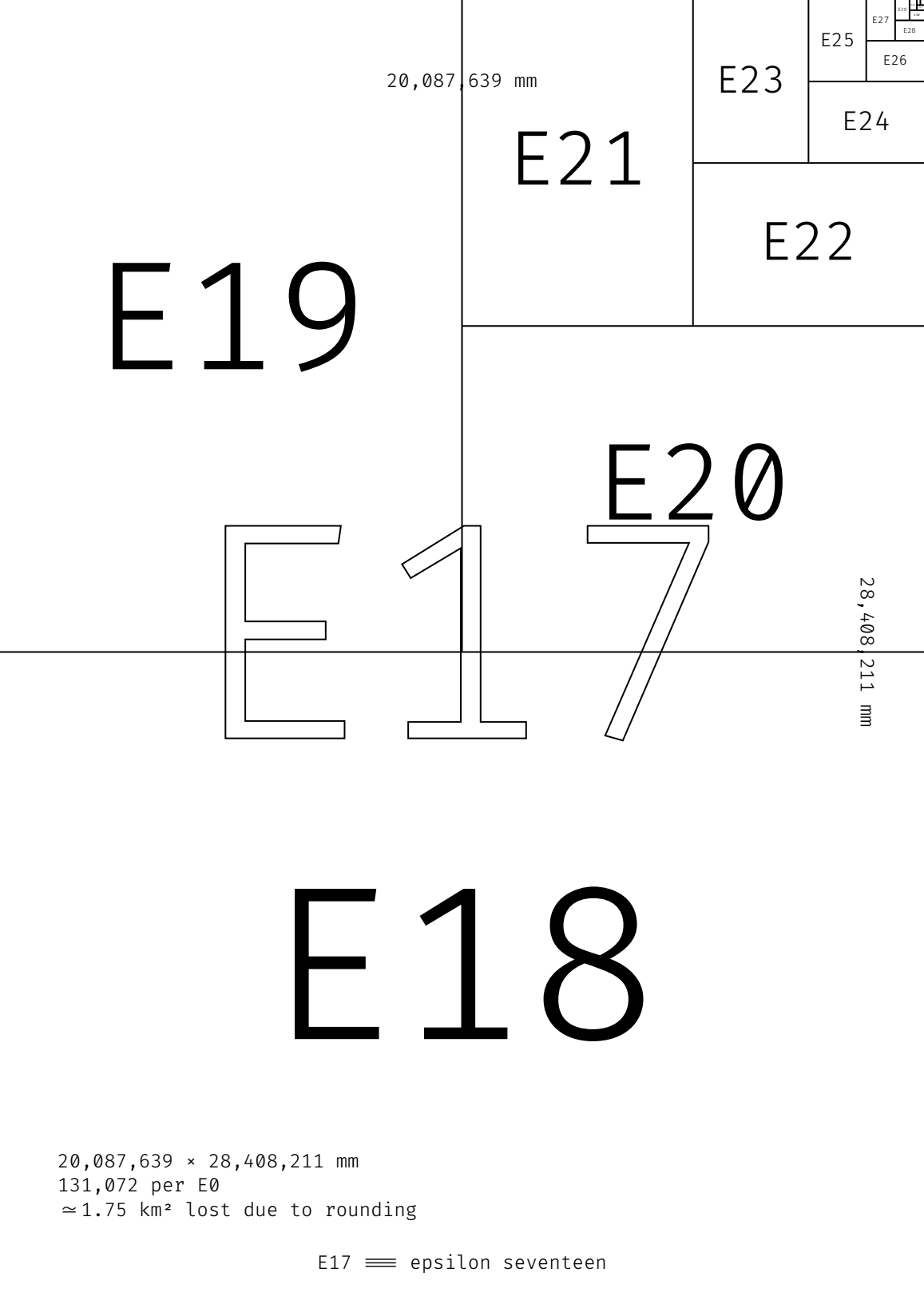
E17

28,408,211 × 40,175,278 mm

65,536 per E0

≈ 1.75 km² lost due to rounding

E16 ≡ epsilon sixteen



20,087,639 mm

E27

E28

E29

E23

E24

E21

E22

E19

E20

E17

28,408,211 mm

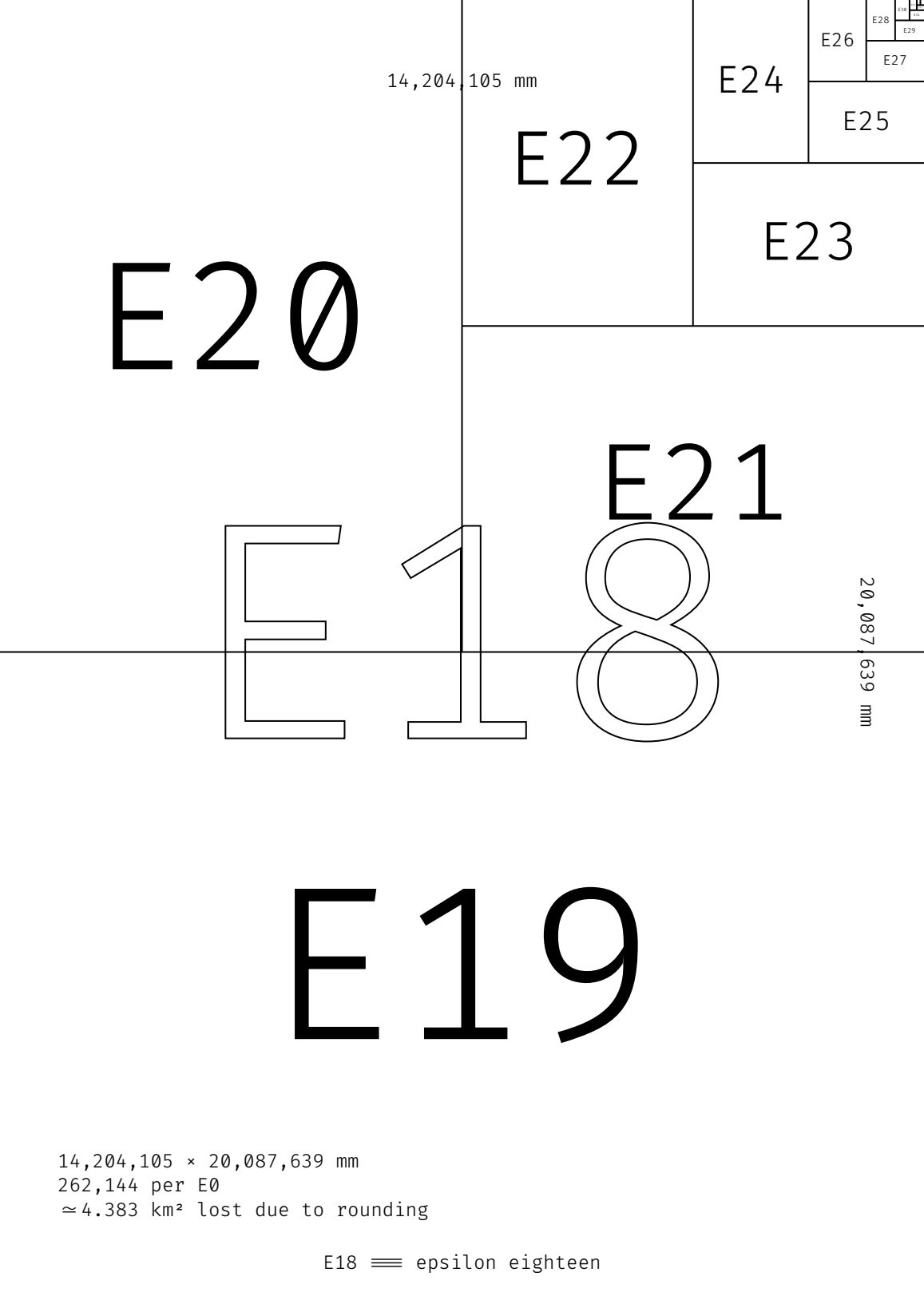
E18

20,087,639 × 28,408,211 mm

131,072 per E0

≈ 1.75 km² lost due to rounding

E17 ≡ epsilon seventeen



14,204,105 mm

E28

E29

E27

E24

E25

E22

E23

E20

E21

E18

20,087,639 mm

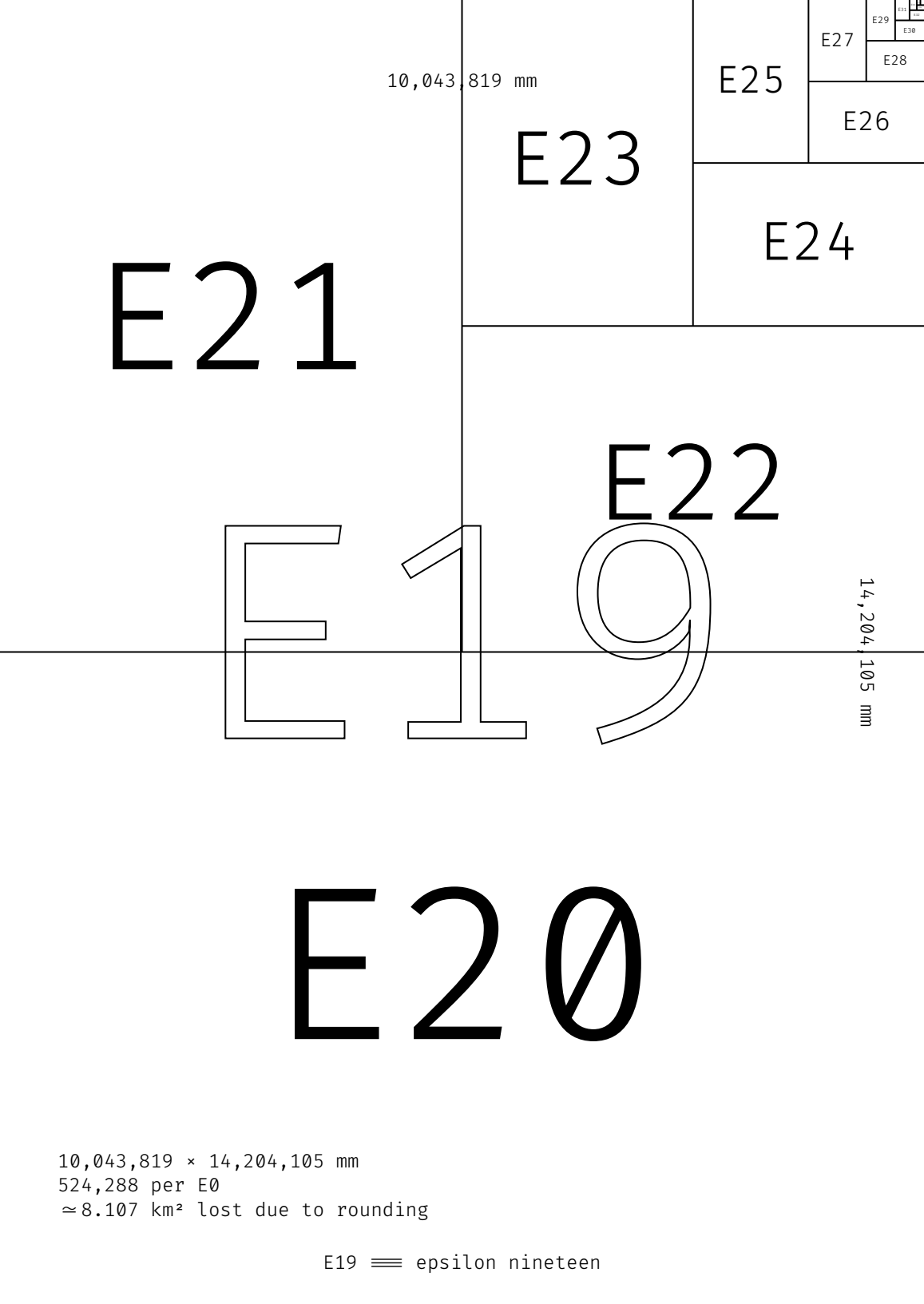
E19

14,204,105 × 20,087,639 mm

262,144 per E0

≈ 4.383 km² lost due to rounding

E18 ≡ epsilon eighteen



10,043,819 mm

E25

E27

E28

E26

E23

E24

E21

E22

E19

14,204,105 mm

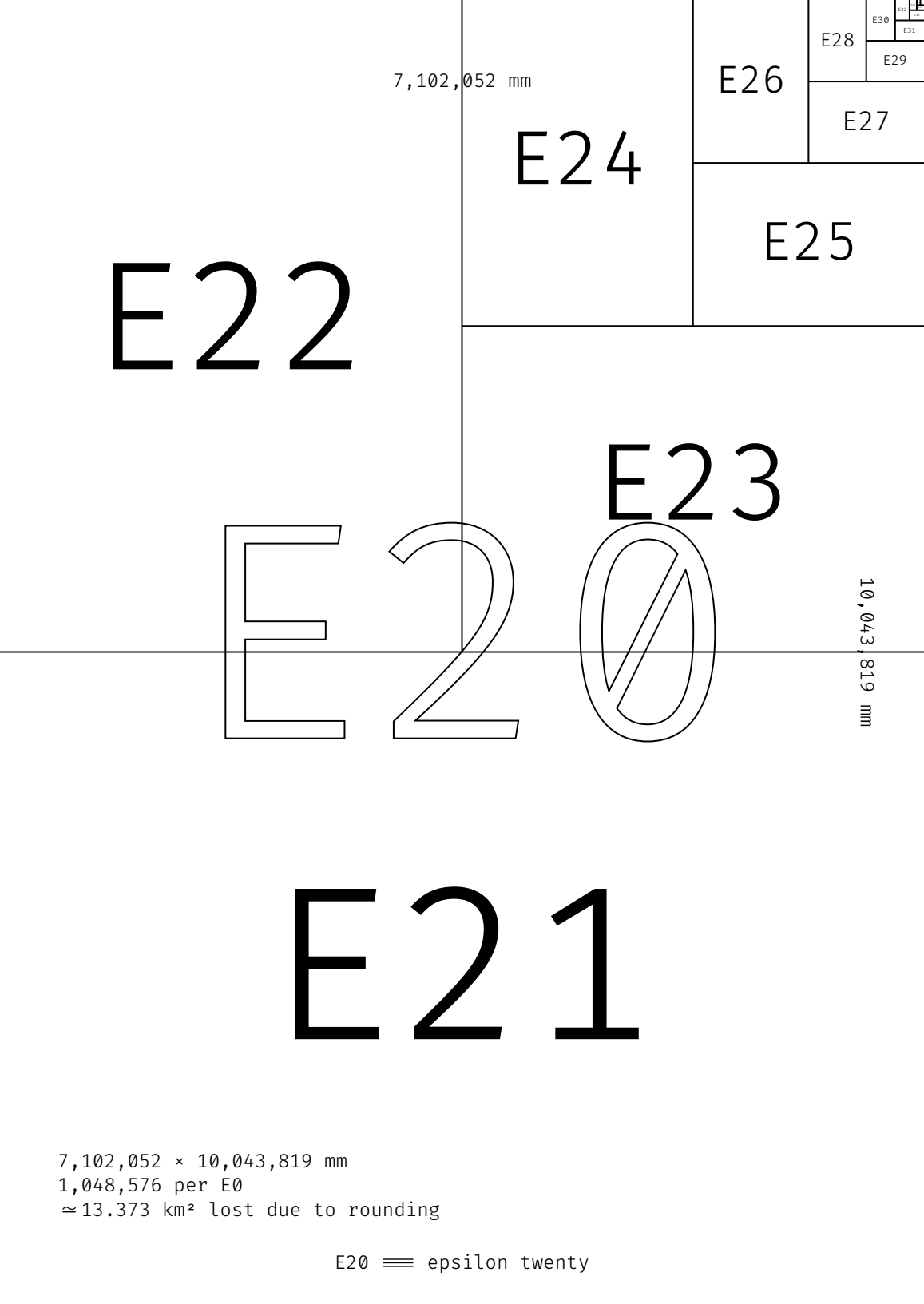
E20

10,043,819 × 14,204,105 mm

524,288 per E0

≈ 8.107 km² lost due to rounding

E19 ≡ epsilon nineteen



7,102,052 mm

E26

E28

E29

E30

E31

E27

E24

E25

E22

E23

E20

10,043,819 mm

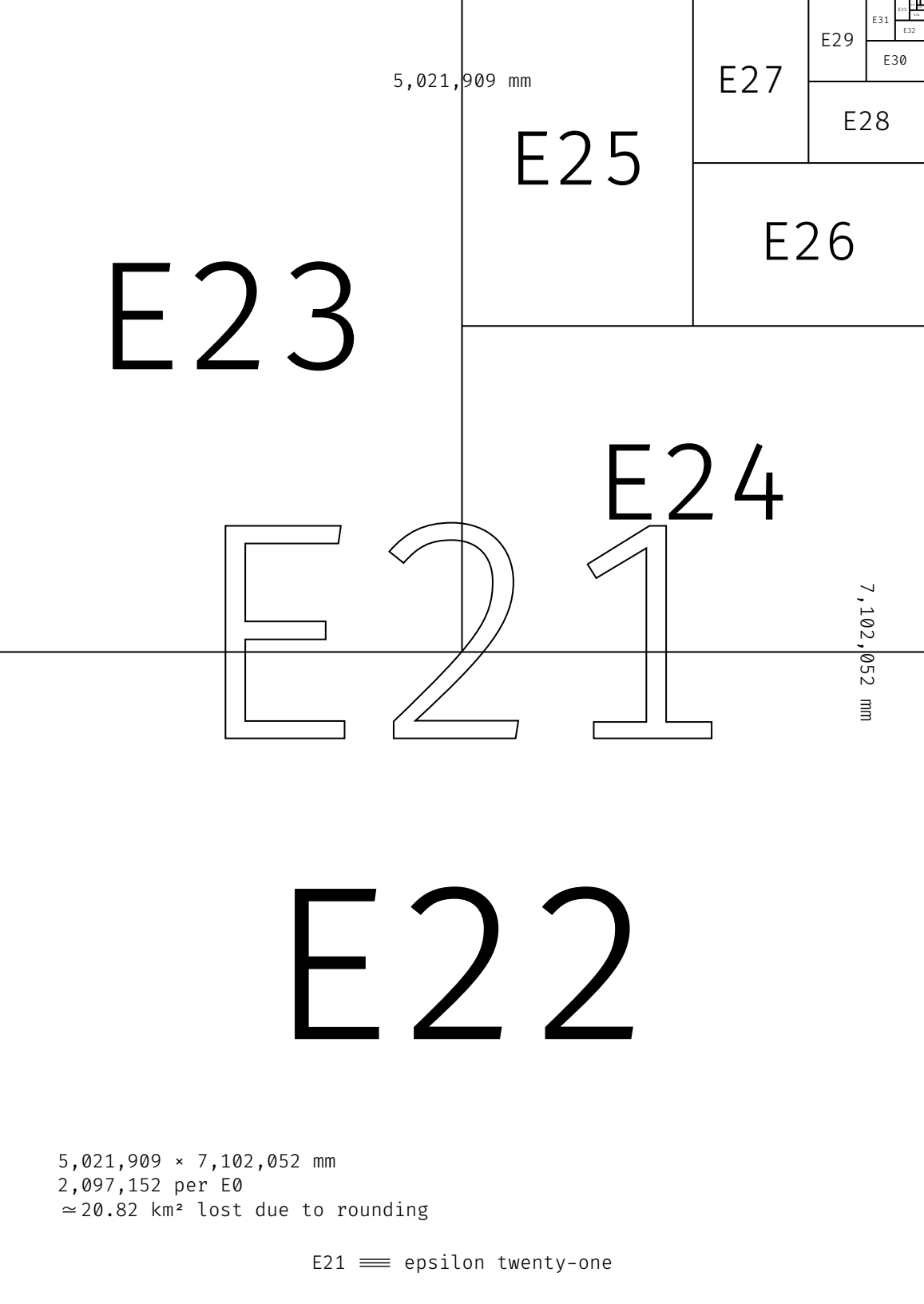
E21

7,102,052 × 10,043,819 mm

1,048,576 per E0

≈ 13.373 km² lost due to rounding

E20 ≡ epsilon twenty



5,021,909 mm

E29

E31
E32

E30

E27

E28

E25

E26

E23

E24

E21

7,102,052 mm

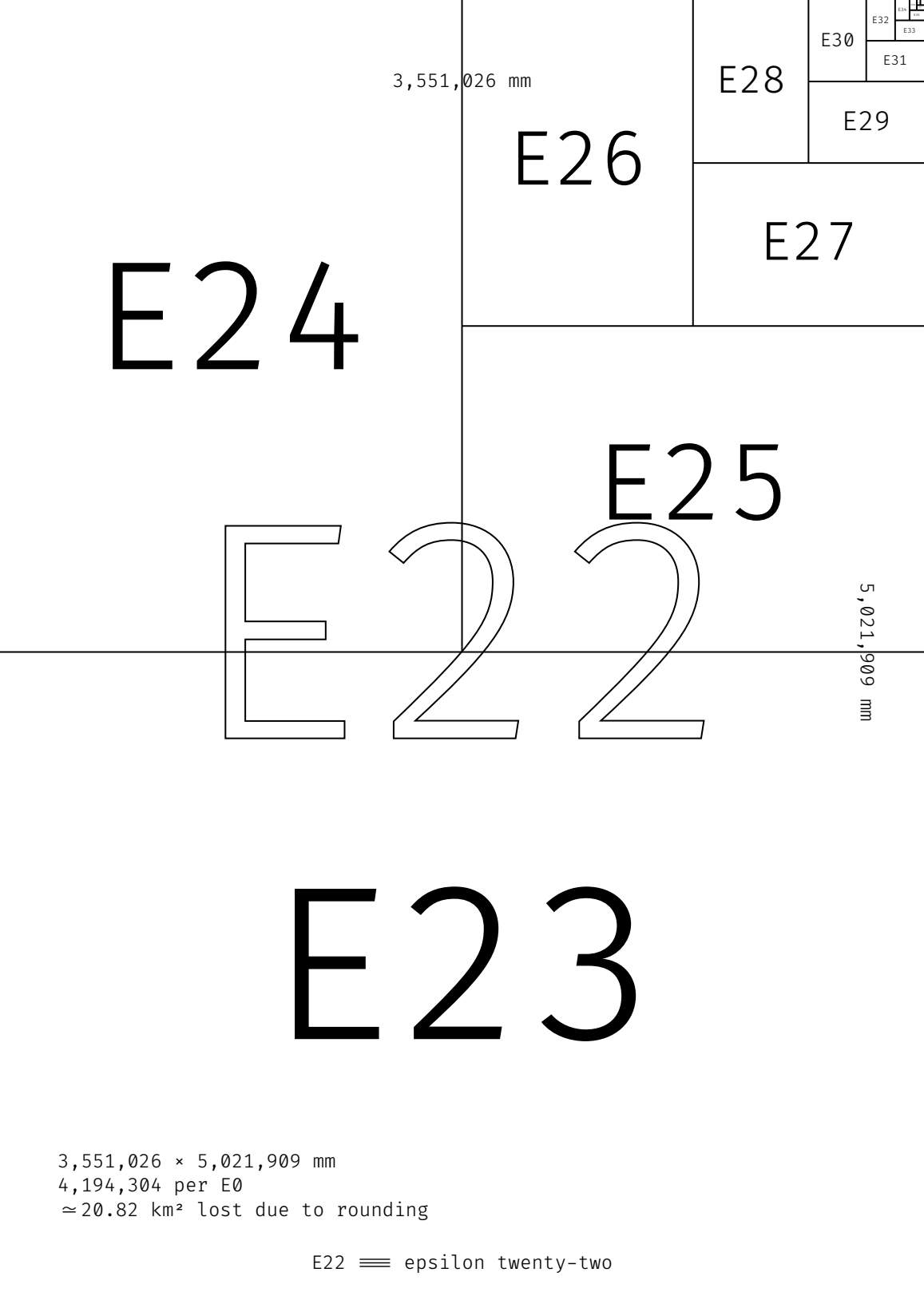
E22

$5,021,909 \times 7,102,052$ mm

2,097,152 per E0

≈ 20.82 km² lost due to rounding

E21 \equiv epsilon twenty-one



3,551,026 mm

E28

E30

E32

E33

E34

E35

E29

E26

E27

E24

E25

E22

5,021,909 mm

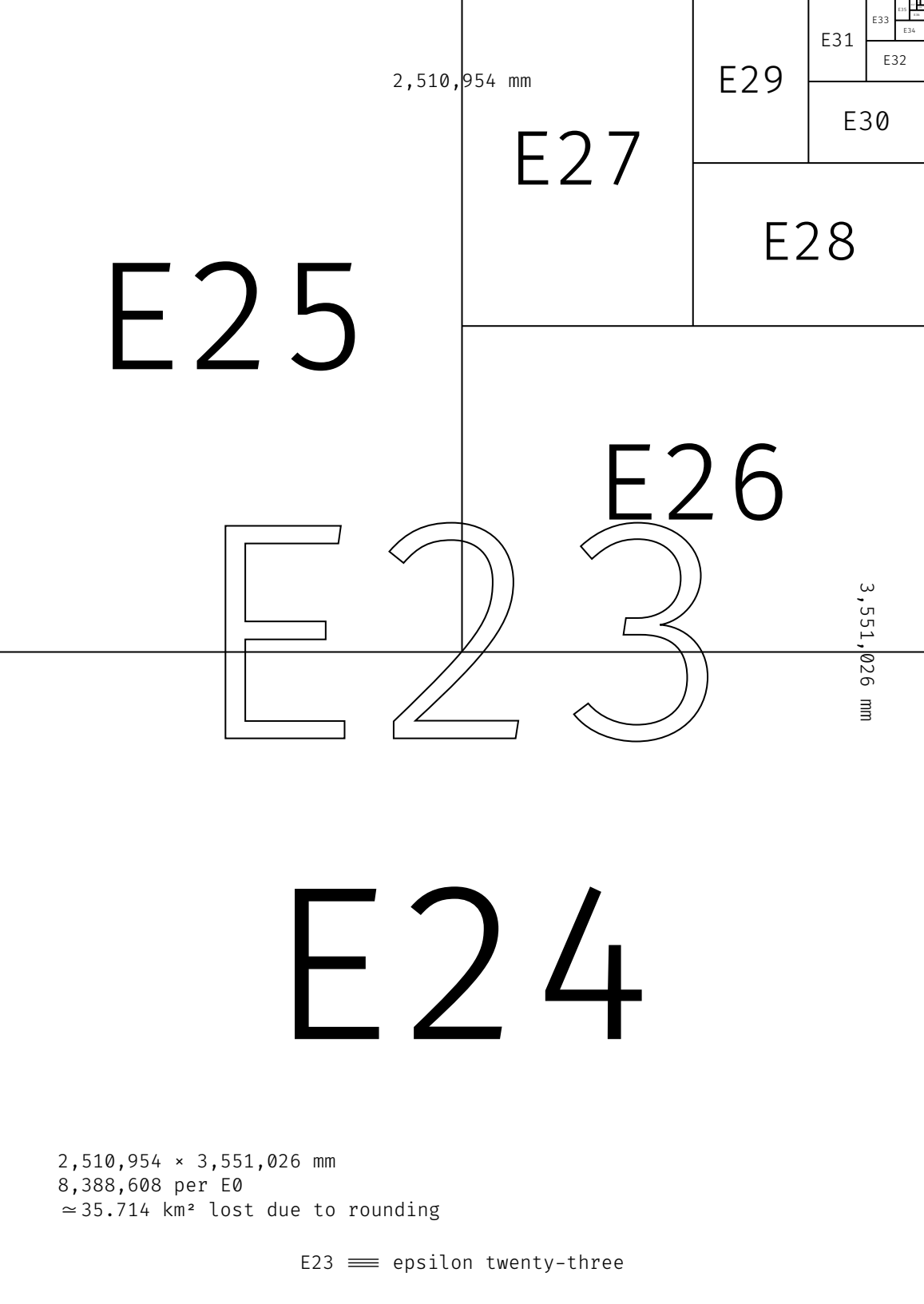
E23

$3,551,026 \times 5,021,909$ mm

4,194,304 per E0

≈ 20.82 km² lost due to rounding

E22 \equiv epsilon twenty-two



2,510,954 mm

E29

E31

E33
E34

E32

E30

E27

E28

E25

E26

E23
E22
E21

3,551,026 mm

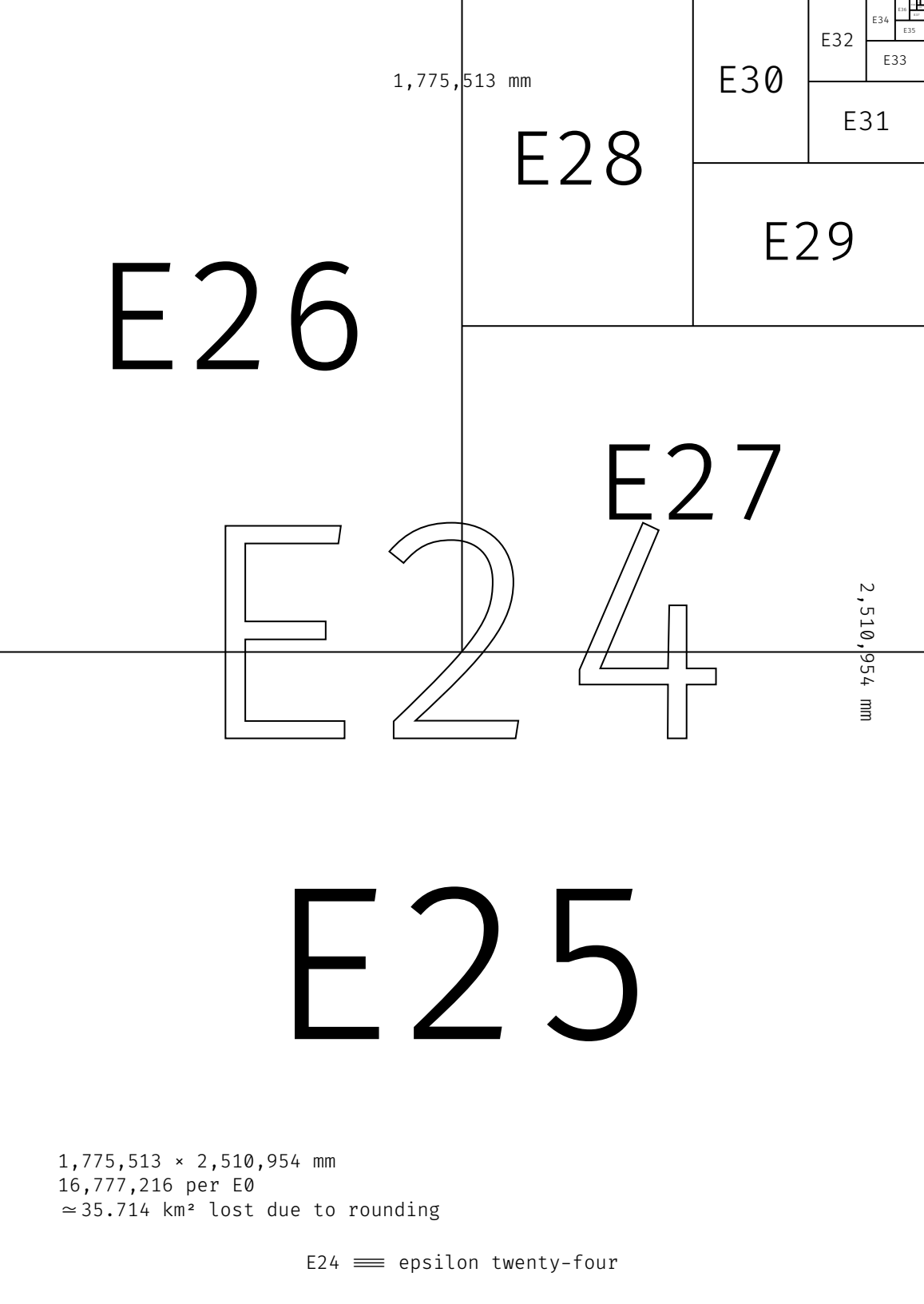
E24

$2,510,954 \times 3,551,026$ mm

8,388,608 per E0

≈ 35.714 km² lost due to rounding

E23 ≡ epsilon twenty-three



1,775,513 mm

E30

E32

E34

E35

E33

E31

E28

E29

E26

E27

E24

2,510,954 mm

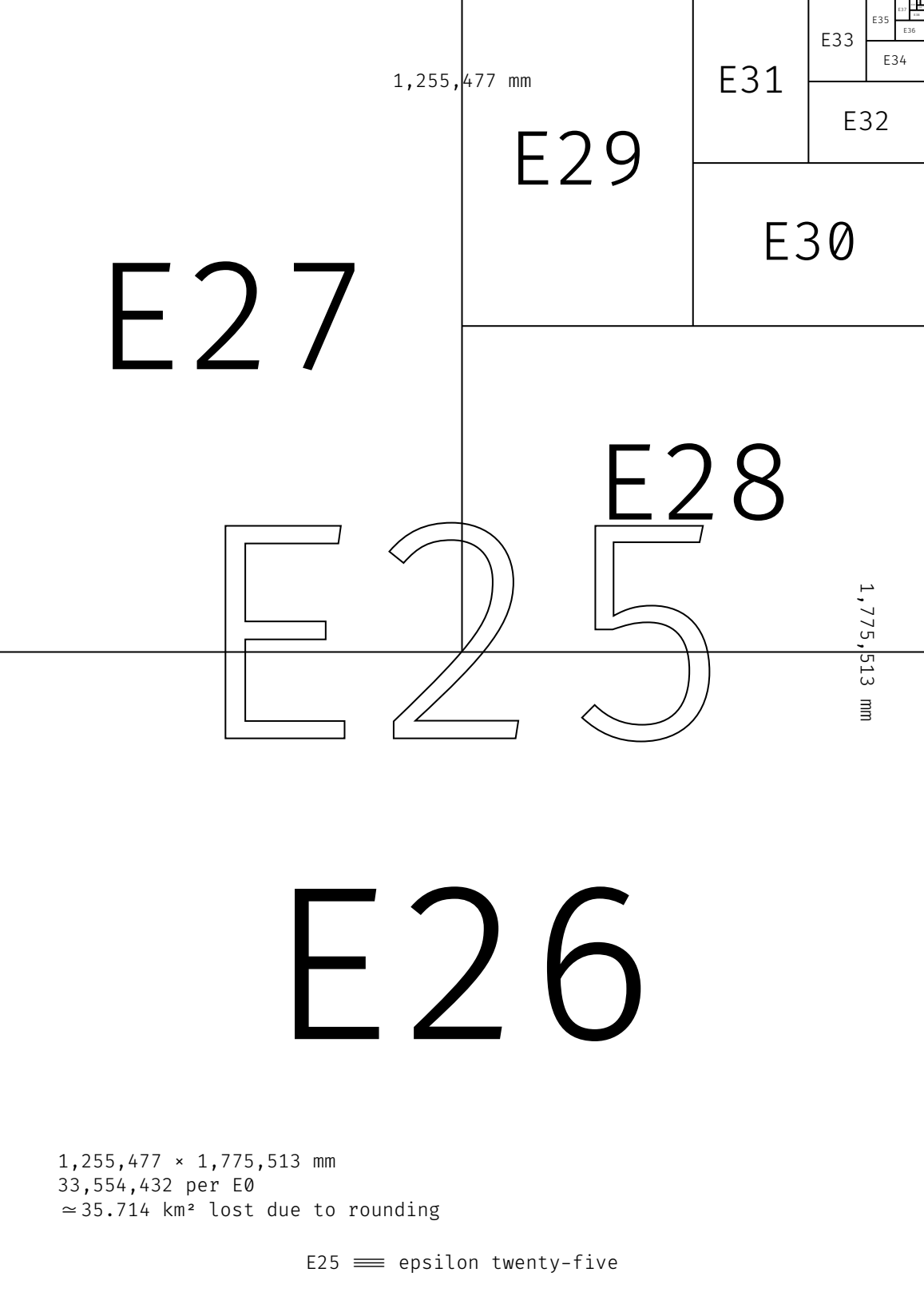
E25

$1,775,513 \times 2,510,954$ mm

16,777,216 per E0

≈ 35.714 km² lost due to rounding

E24 \equiv epsilon twenty-four



1,255,477 mm

E31

E33

E35
E36

E34

E32

E29

E30

E27

E28

E25

1,775,513 mm

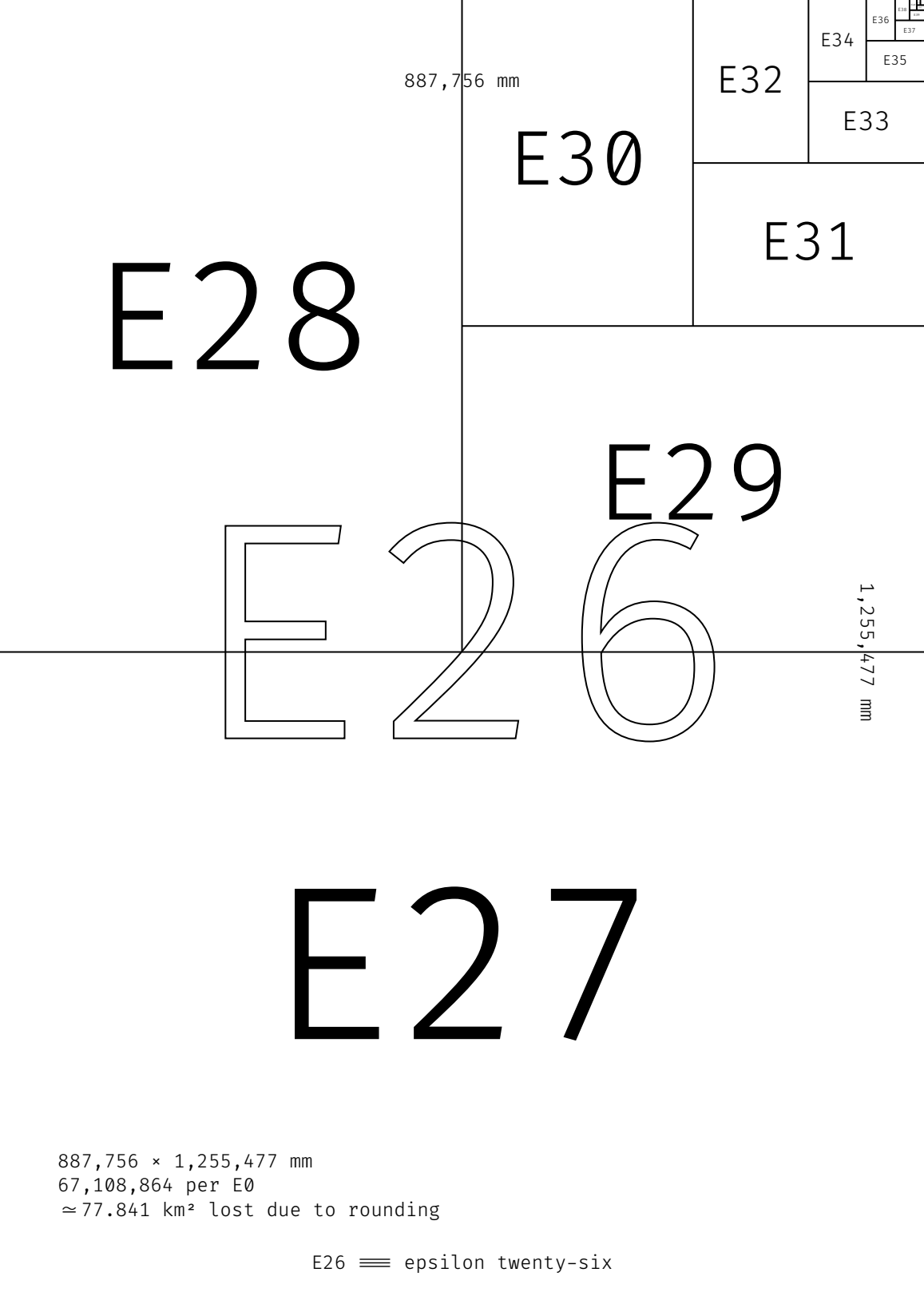
E26

1,255,477 × 1,775,513 mm

33,554,432 per E0

≈ 35.714 km² lost due to rounding

E25 ≡ epsilon twenty-five



887,756 mm

E32

E34

E36

E37

E35

E33

E30

E31

E28

E29

E26

1,255,477 mm

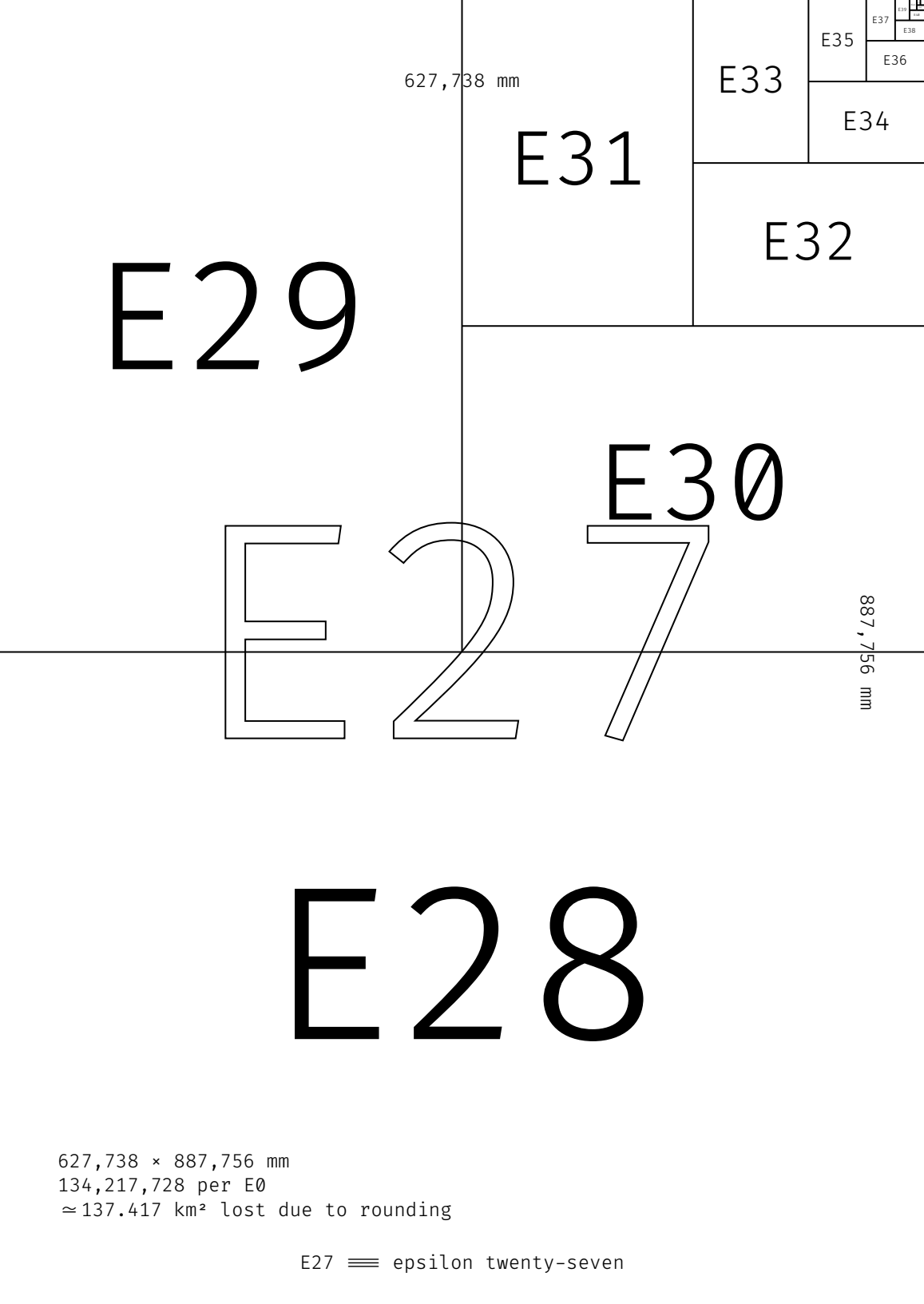
E27

887,756 × 1,255,477 mm

67,108,864 per E0

≈ 77.841 km² lost due to rounding

E26 ≡ epsilon twenty-six



627,738 mm

E35

E37
E38
E39

E36

E33

E34

E31

E32

E29

E30

E27

887,756 mm

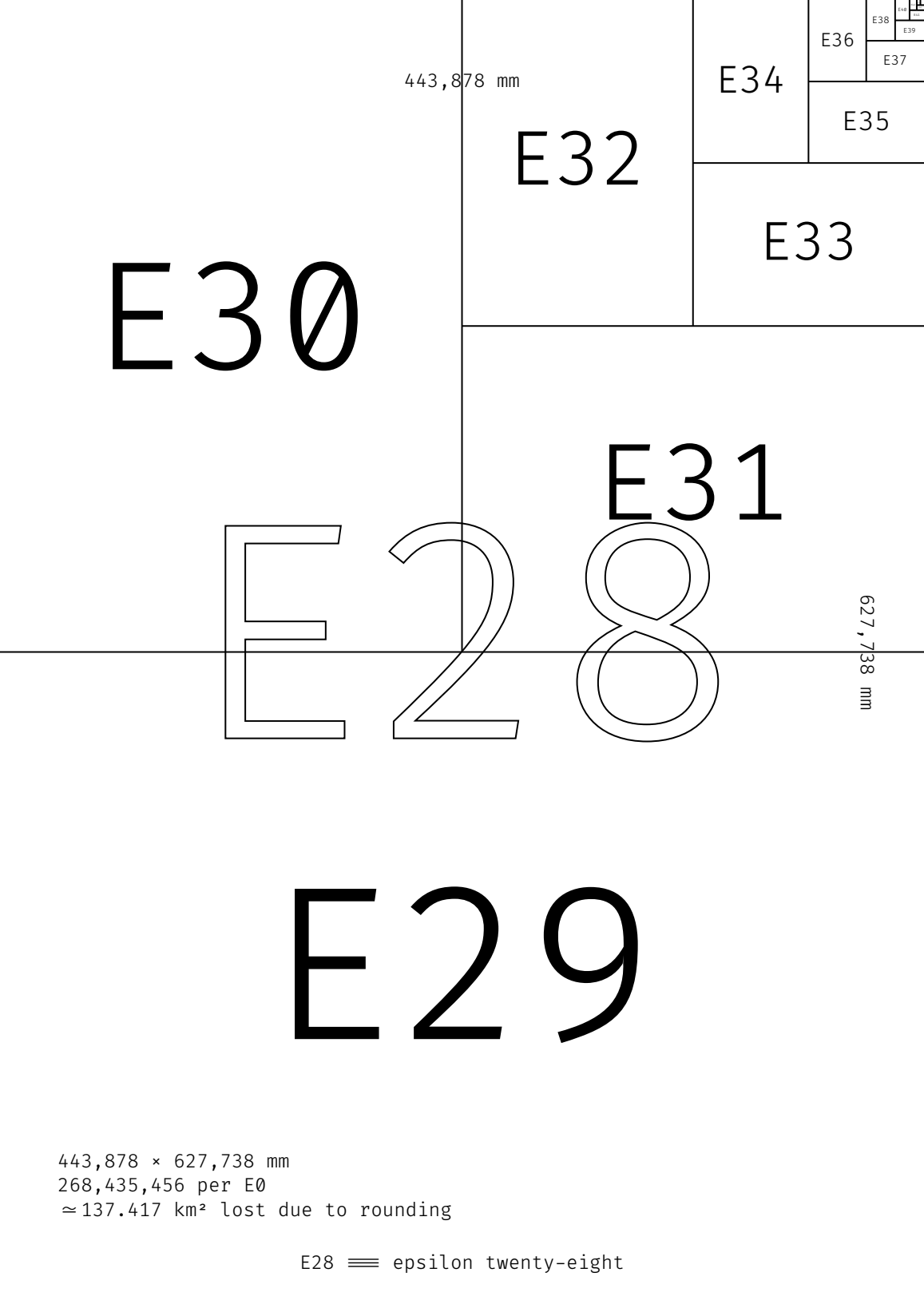
E28

627,738 × 887,756 mm

134,217,728 per E0

≈ 137.417 km² lost due to rounding

E27 ≡ epsilon twenty-seven



443,878 mm

E36

E38
E39

E34

E37

E35

E32

E33

E30

E31

E28

627,738 mm

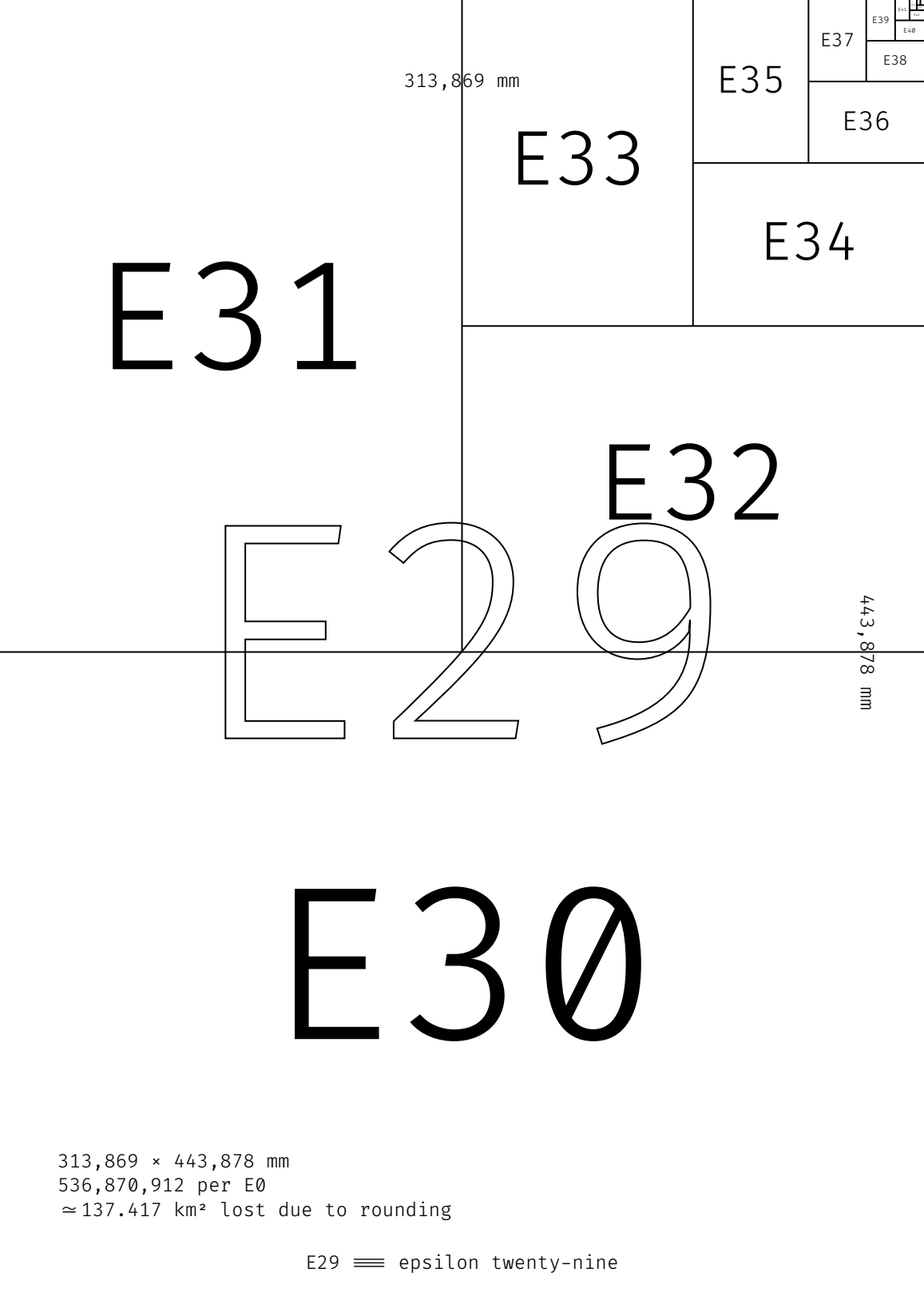
E29

443,878 × 627,738 mm

268,435,456 per E0

≈ 137.417 km² lost due to rounding

E28 ≡ epsilon twenty-eight



313,869 mm

E39

E40

E35

E38

E36

E33

E34

E31

E32

E29

443,878 mm

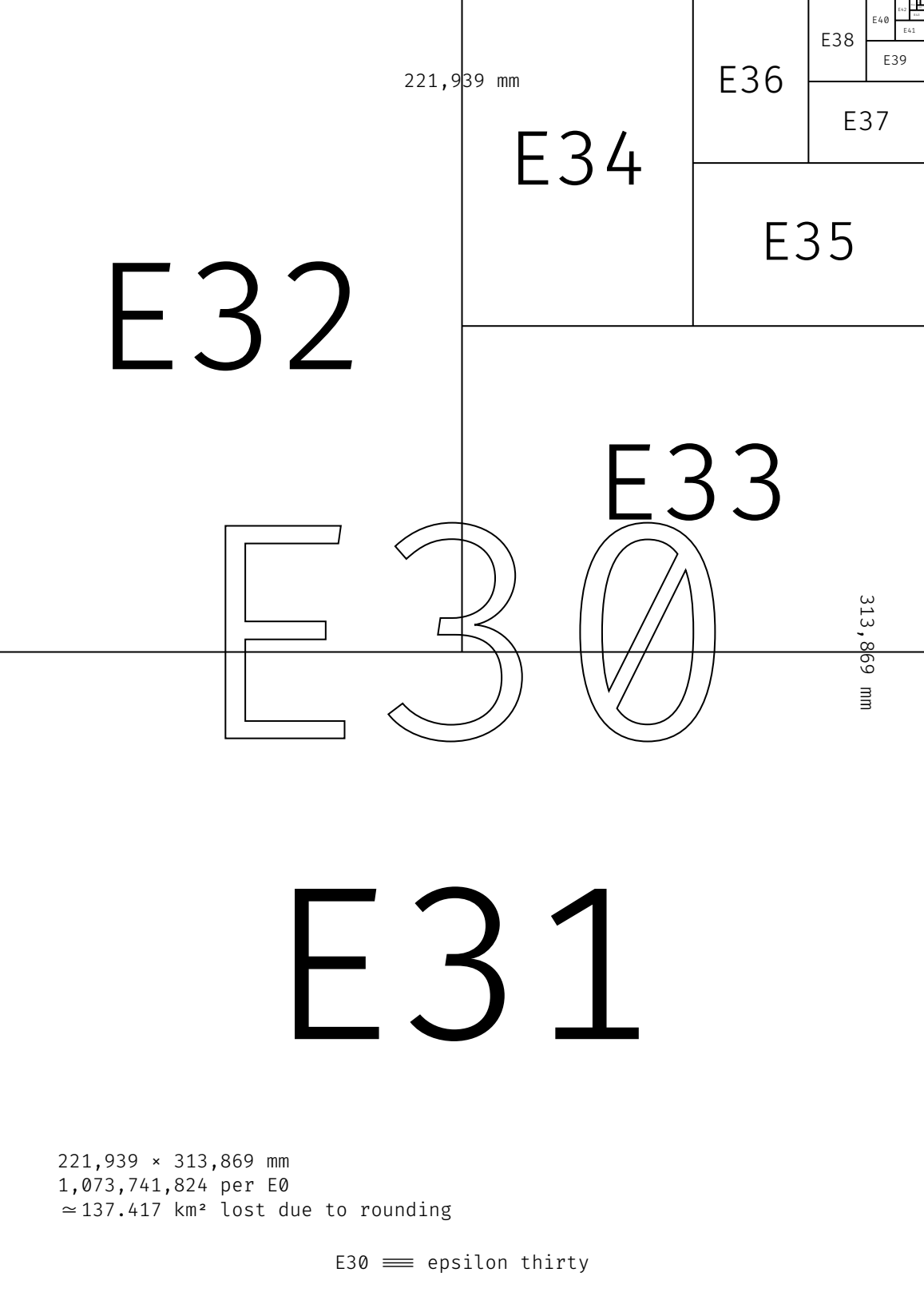
E30

313,869 × 443,878 mm

536,870,912 per E0

≈ 137.417 km² lost due to rounding

E29 ≡ epsilon twenty-nine



221,939 mm

E40

E41

E36

E39

E37

E34

E35

E32

E33

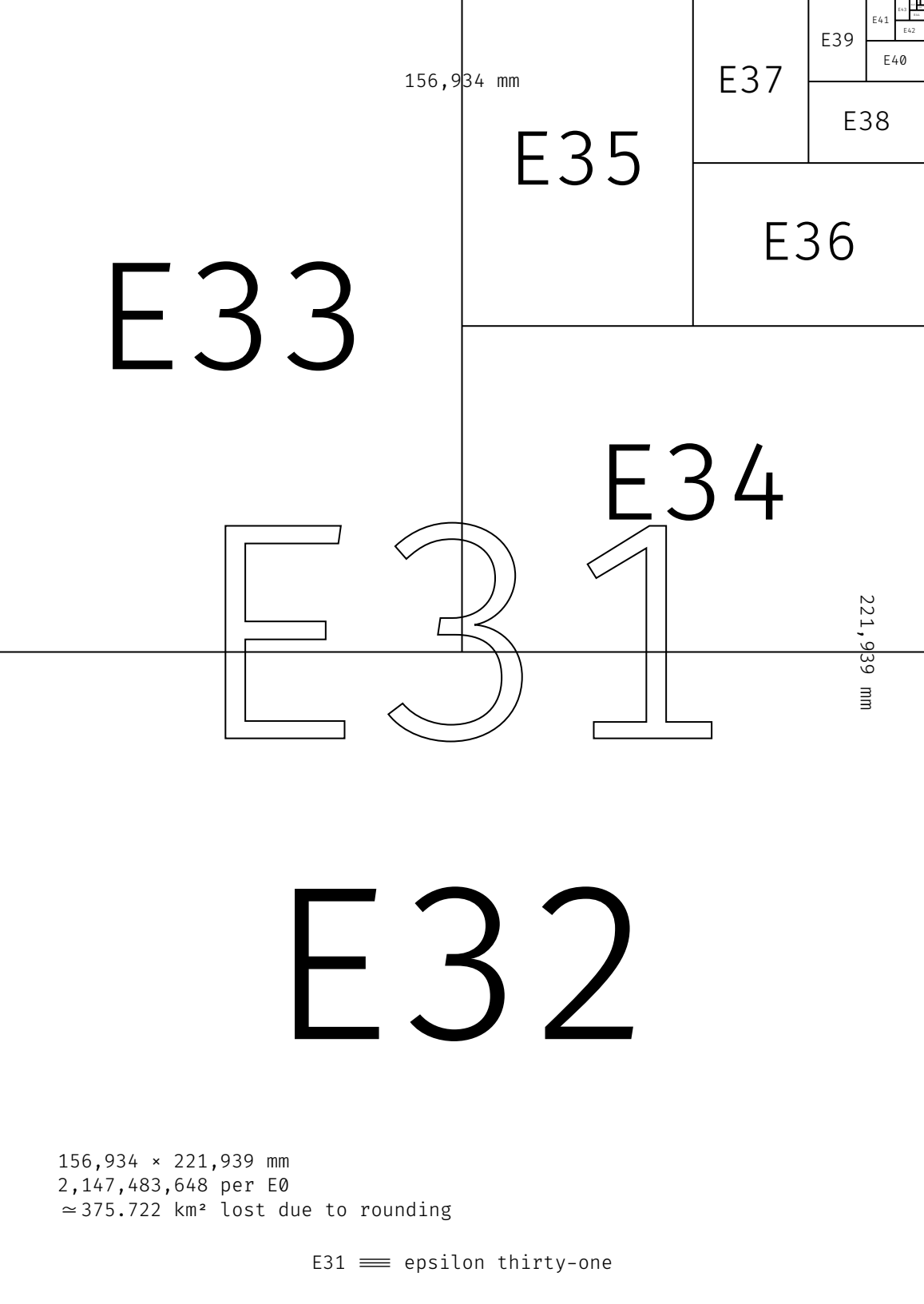
E30

313,869 mm

E31

221,939 × 313,869 mm
1,073,741,824 per E0
≈ 137.417 km² lost due to rounding

E30 ≡ epsilon thirty



156,934 mm

E39

E41
E42

E37

E40

E38

E35

E36

E33

E34

E31

221,939 mm

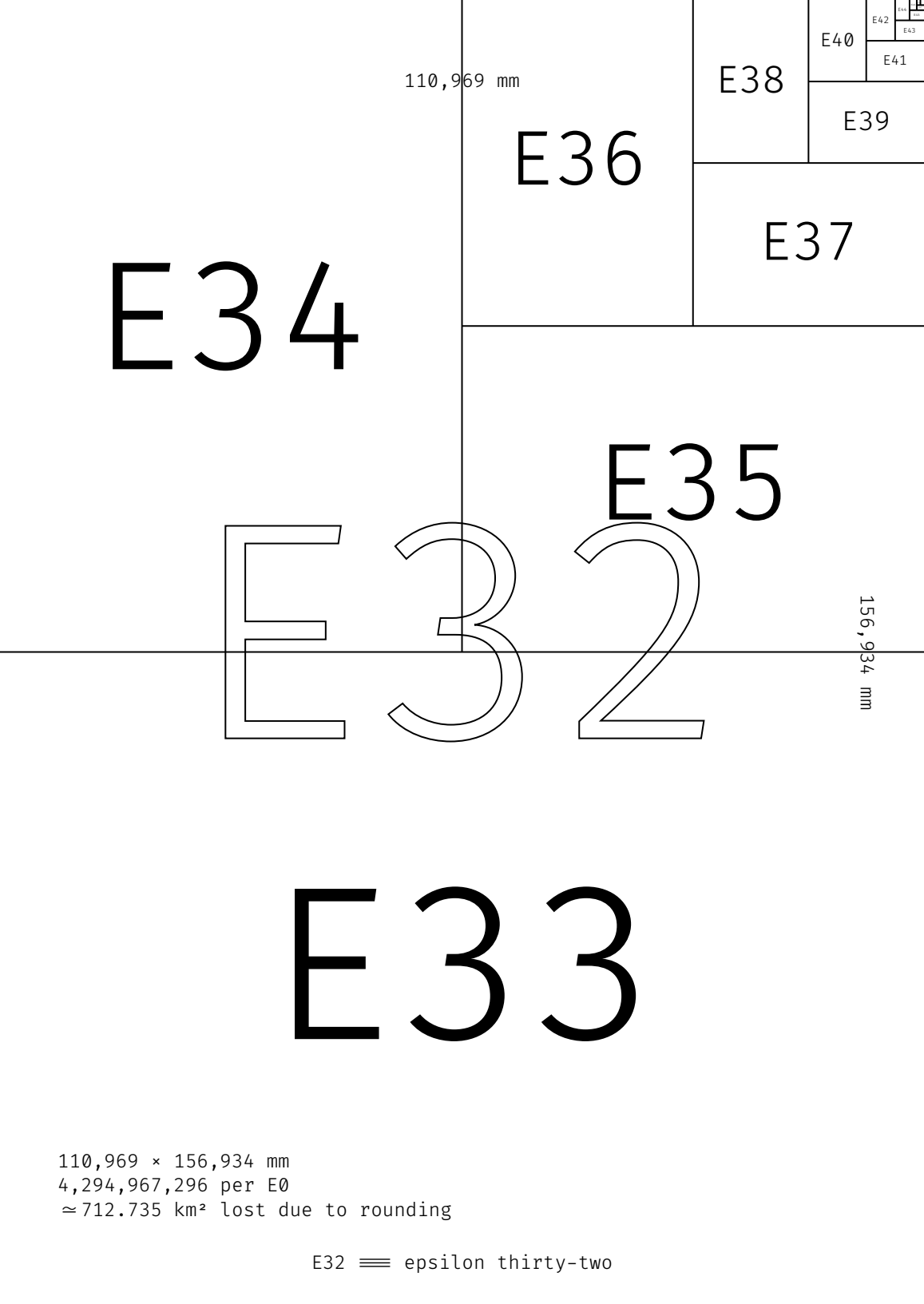
E32

156,934 × 221,939 mm

2,147,483,648 per E0

≈ 375.722 km² lost due to rounding

E31 ≡ epsilon thirty-one



110,969 mm

E40

E42

E43

E44

E41

E38

E39

E36

E37

E34

E35

E32

156,934 mm

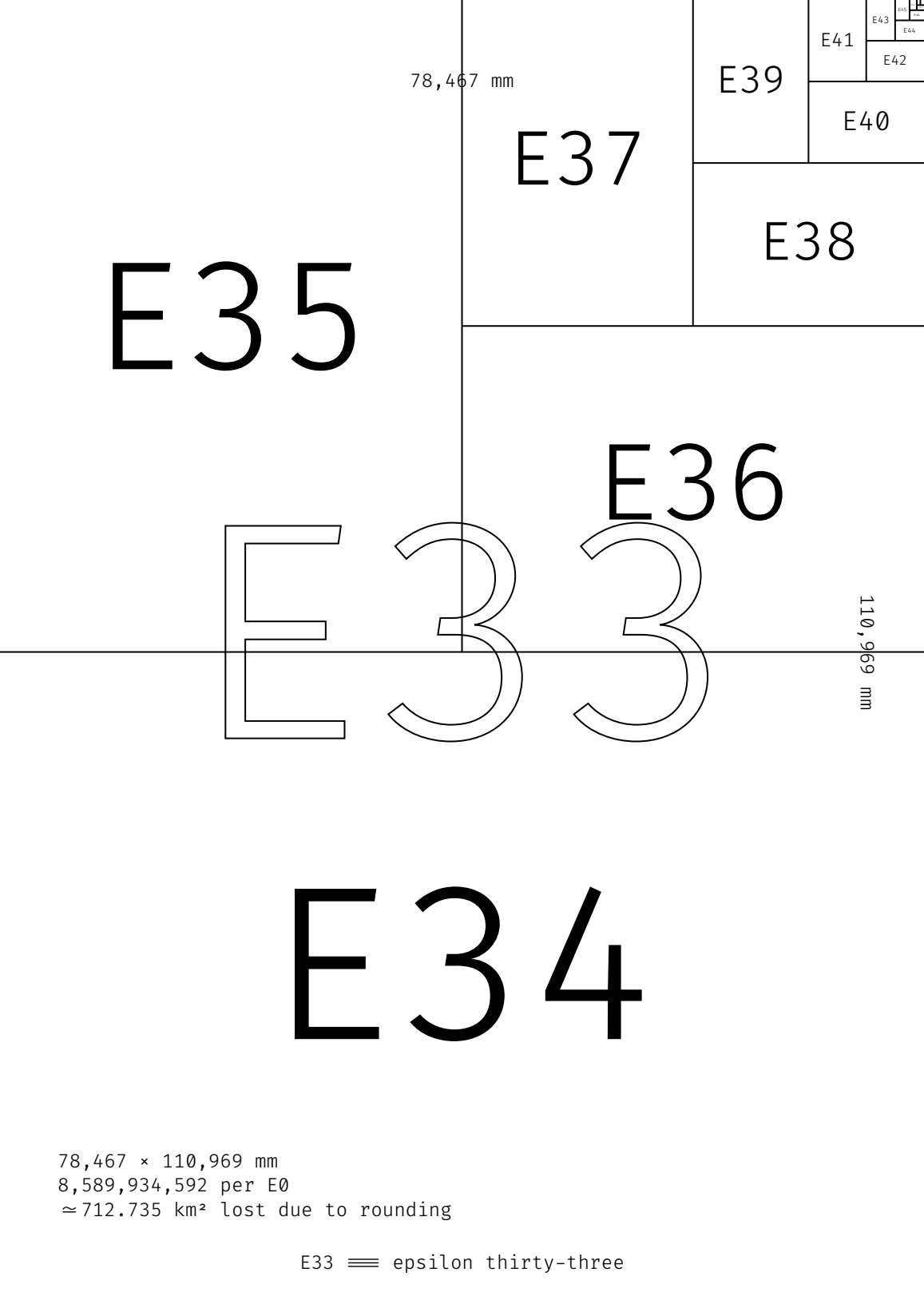
E33

110,969 × 156,934 mm

4,294,967,296 per E0

≈ 712.735 km² lost due to rounding

E32 ≡ epsilon thirty-two



78,467 mm

E41

E43

E44

E42

E39

E40

E37

E38

E35

E36

E33

110,969 mm

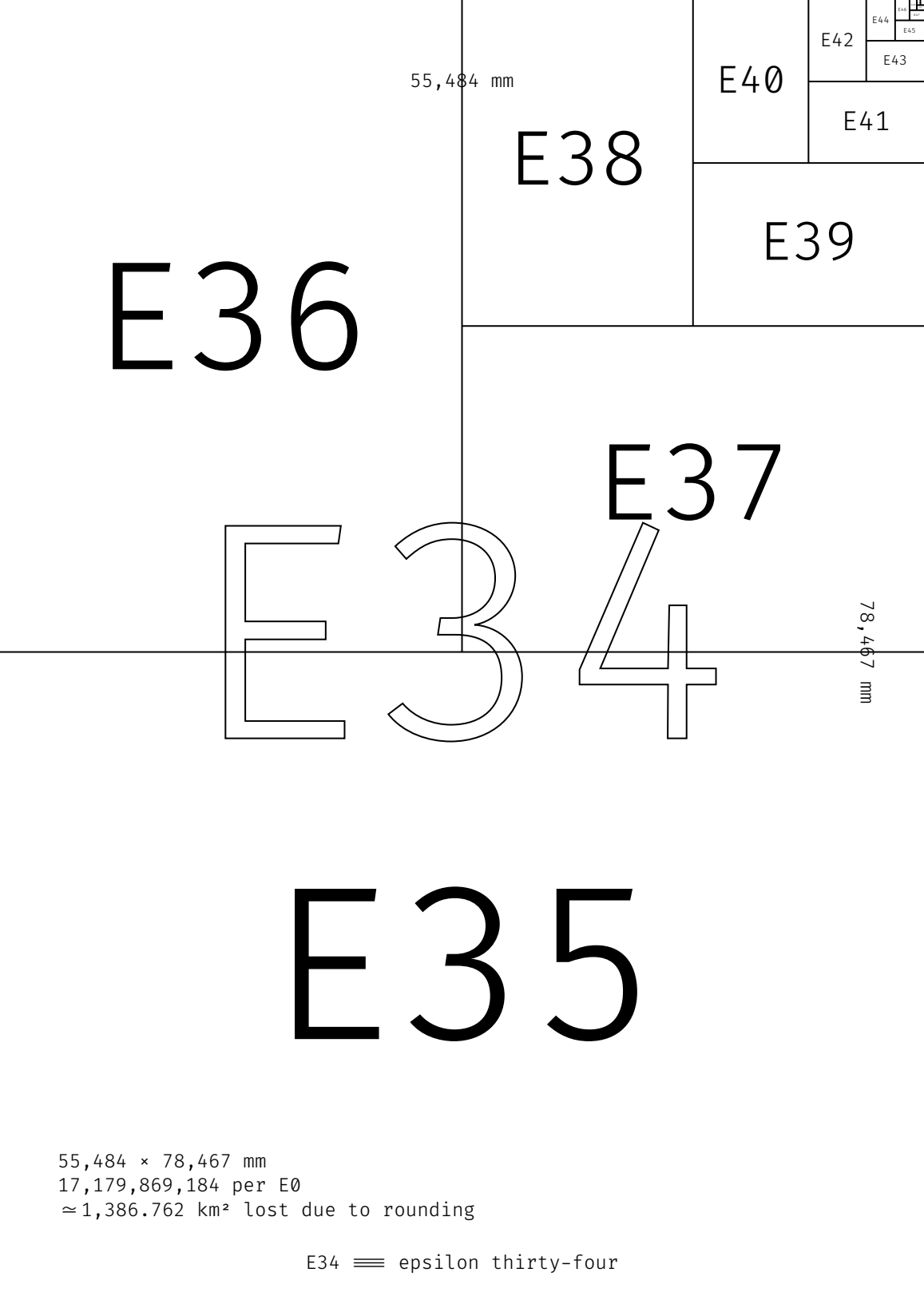
E34

78,467 × 110,969 mm

8,589,934,592 per E0

≈ 712.735 km² lost due to rounding

E33 ≡ epsilon thirty-three



55,484 mm

E40

E42

E44
E45

E43

E41

E38

E39

E36

E37

E34

78,467 mm

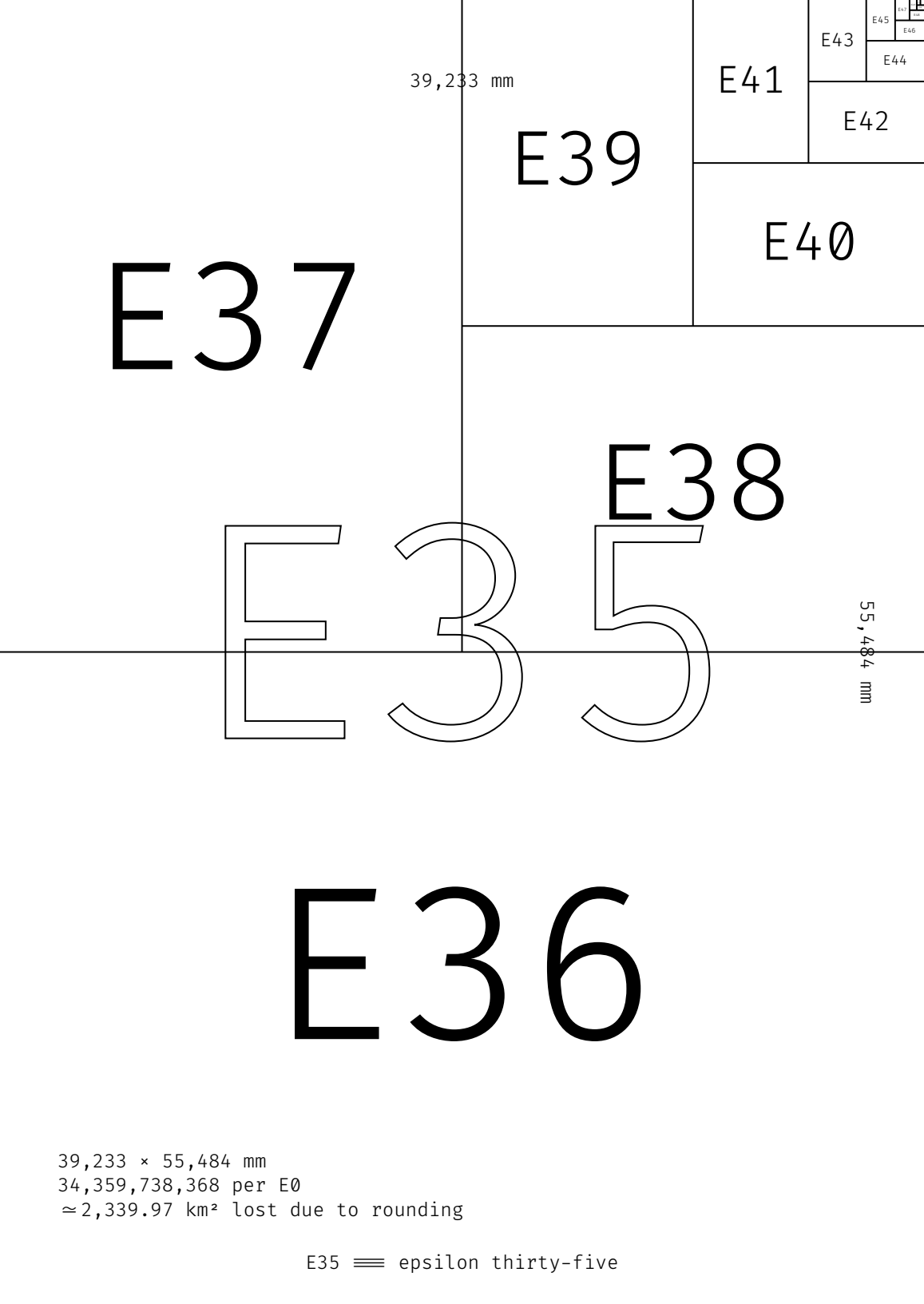
E35

55,484 × 78,467 mm

17,179,869,184 per E0

≈ 1,386.762 km² lost due to rounding

E34 ≡ epsilon thirty-four



39,233 mm

E43

E45

E46

E44

E41

E42

E39

E40

E37

E38

E35

55,484 mm

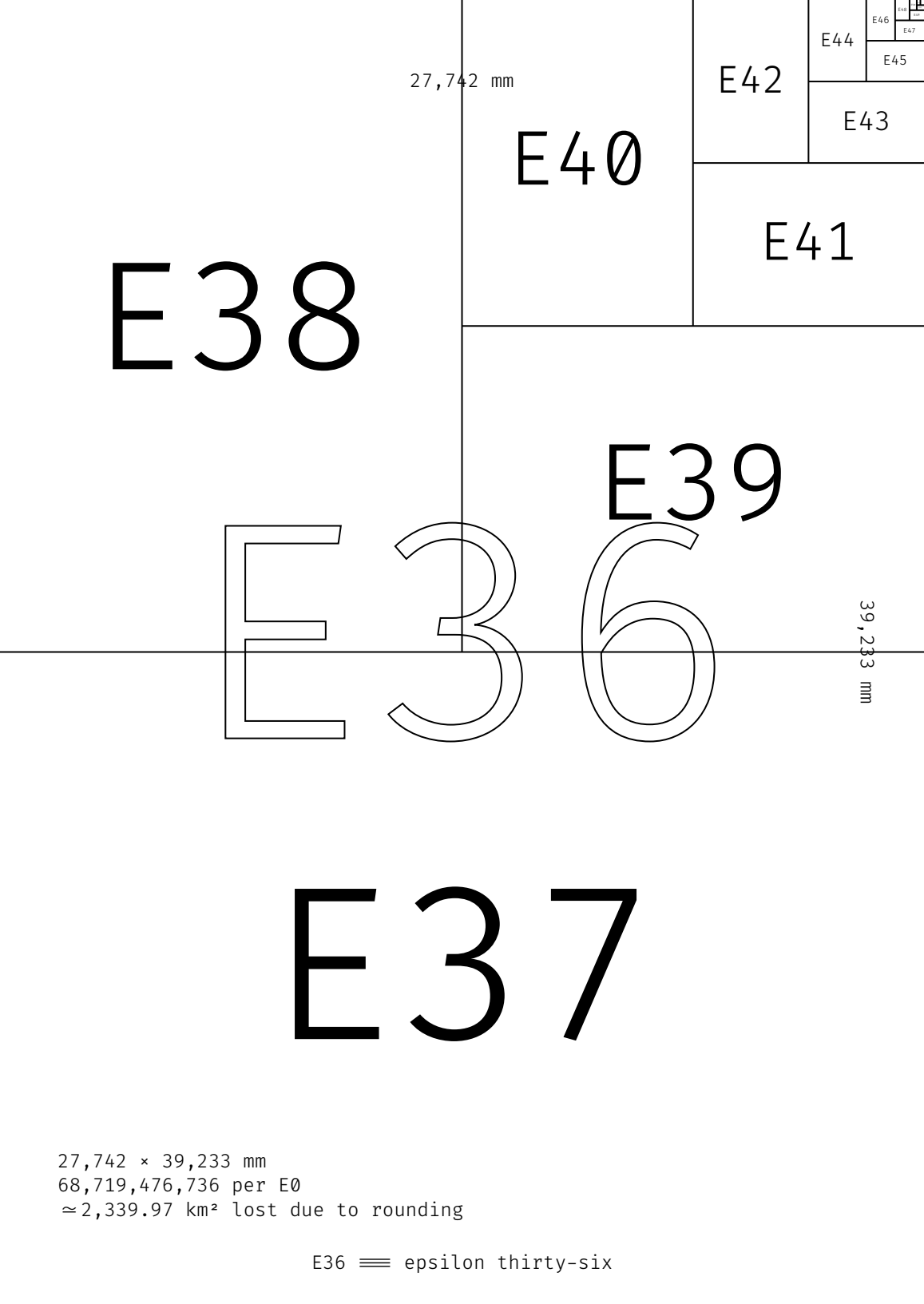
E36

39,233 × 55,484 mm

34,359,738,368 per E0

≈ 2,339.97 km² lost due to rounding

E35 ≡ epsilon thirty-five



27,742 mm

E42

E44

E45

E43

E40

E41

E38

E39

E36

39,233 mm

E37

27,742 × 39,233 mm

68,719,476,736 per E0

≈ 2,339.97 km² lost due to rounding

E36 ≡ epsilon thirty-six



E45

E47

E48

E46

E43

E44

19,616 mm

E41

E42

E39

E40

E37

27,742 mm

E38

19,616 × 27,742 mm

137,438,953,472 per E0

≈ 4,246.385 km² lost due to rounding

E37 ≡ epsilon thirty-seven

E40

13,871 mm

E42

E44

E46

E47

E45

E43

E41

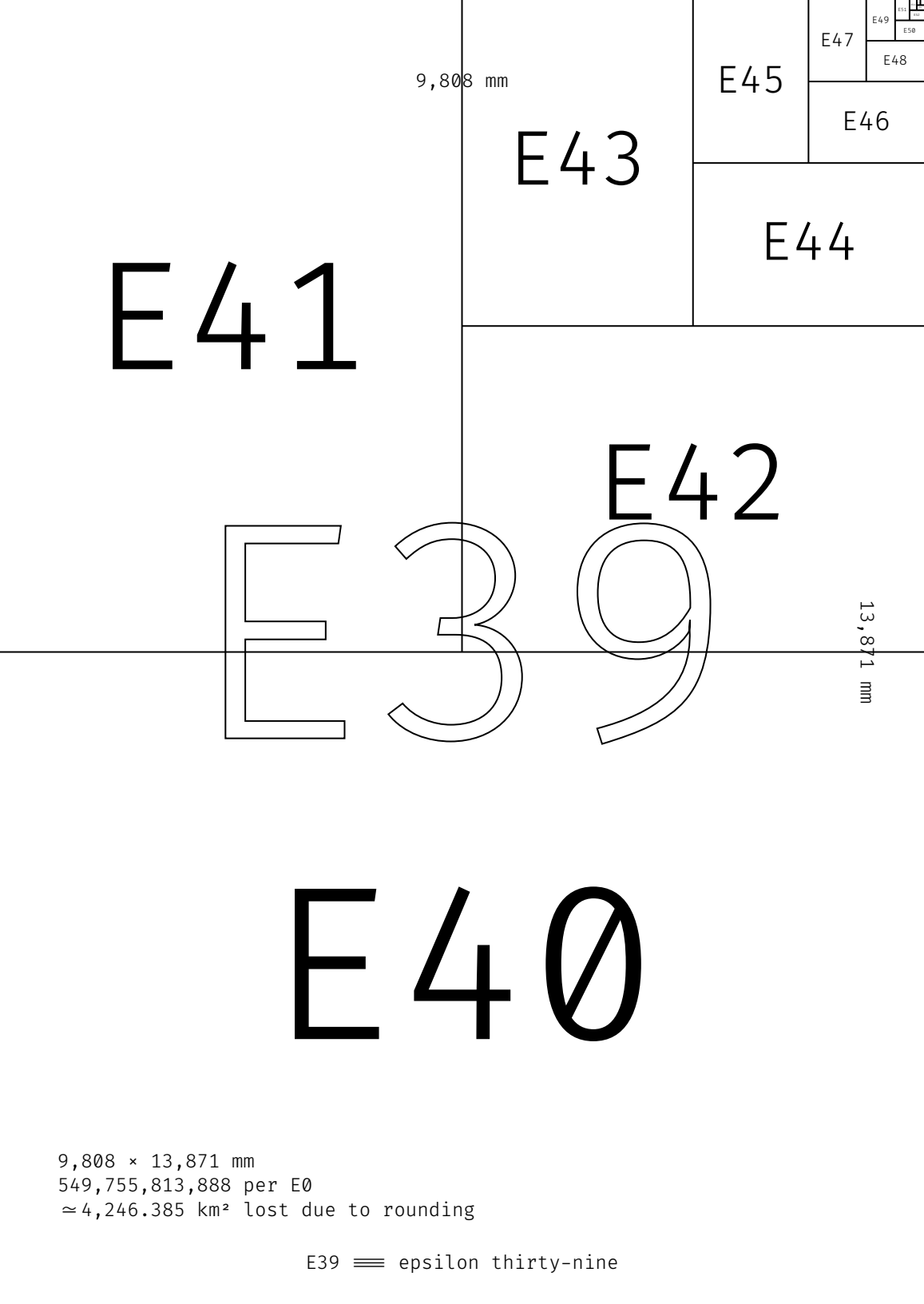
E38

19,616 mm

E39

13,871 × 19,616 mm
274,877,906,944 per E0
≈ 4,246.385 km² lost due to rounding

E38 ≡ epsilon thirty-eight



9,808 mm

E49

E50

E45

E48

E46

E43

E44

E41

E42

E39

13,871 mm

E40

9,808 × 13,871 mm

549,755,813,888 per E0

≈ 4,246.385 km² lost due to rounding

E39 ≡ epsilon thirty-nine

E50
E51

E48

E49

E46

E47

6,935 mm

E44

E45

E42

E43

E440

9,808 mm

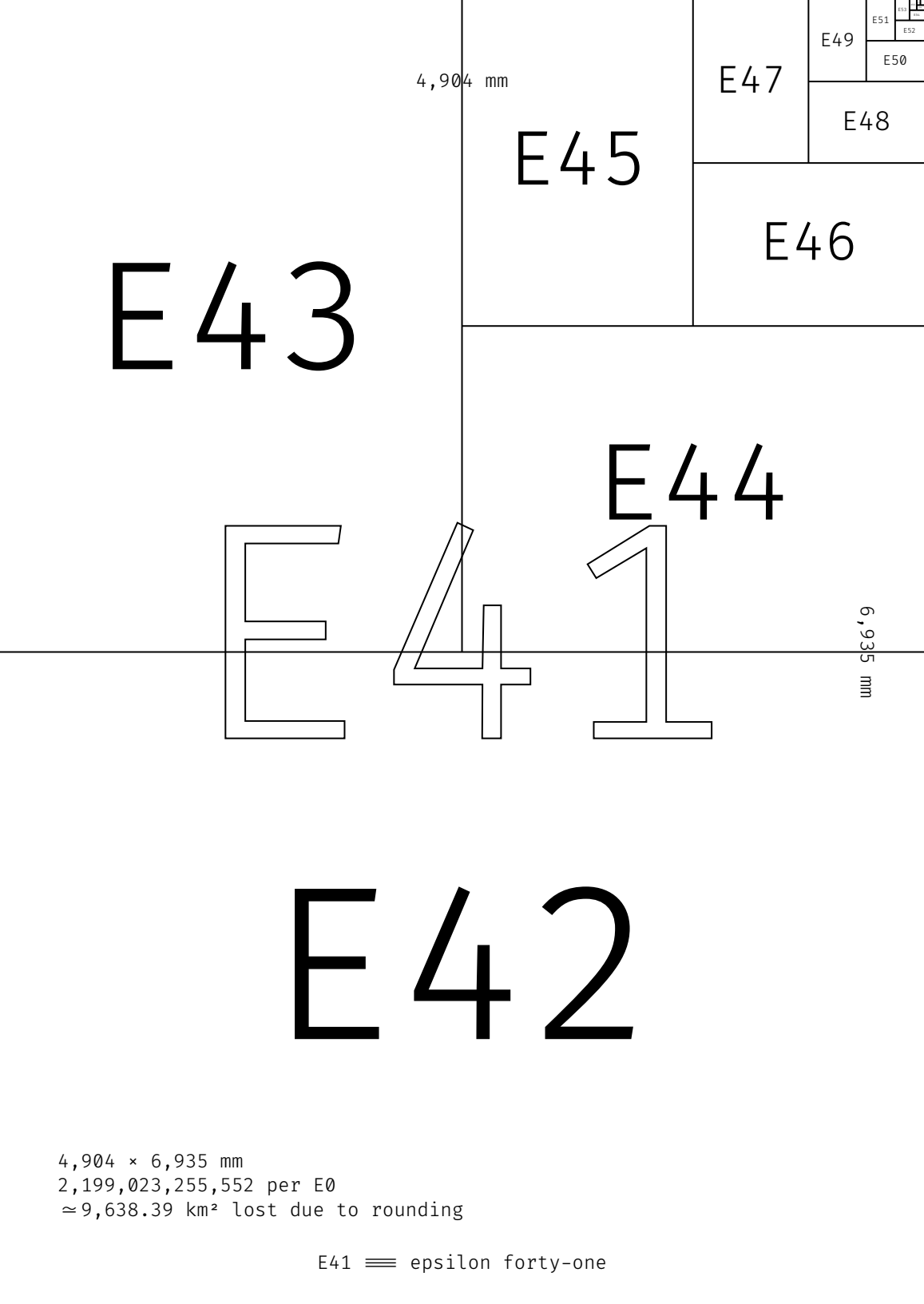
E41

6,935 × 9,808 mm

1,099,511,627,776 per E0

≈ 9,638.39 km² lost due to rounding

E40 ≡ epsilon forty



4,904 mm

E47

E49

E51

E52

E50

E48

E45

E46

E43

E44

E41

6,935 mm

E42

4,904 × 6,935 mm

2,199,023,255,552 per E0

≈ 9,638.39 km² lost due to rounding

E41 ≡ epsilon forty-one

E52
E53

E50

E51

3,467 mm

E48

E49

E46

E47

E44

E45

E42

4,904 mm

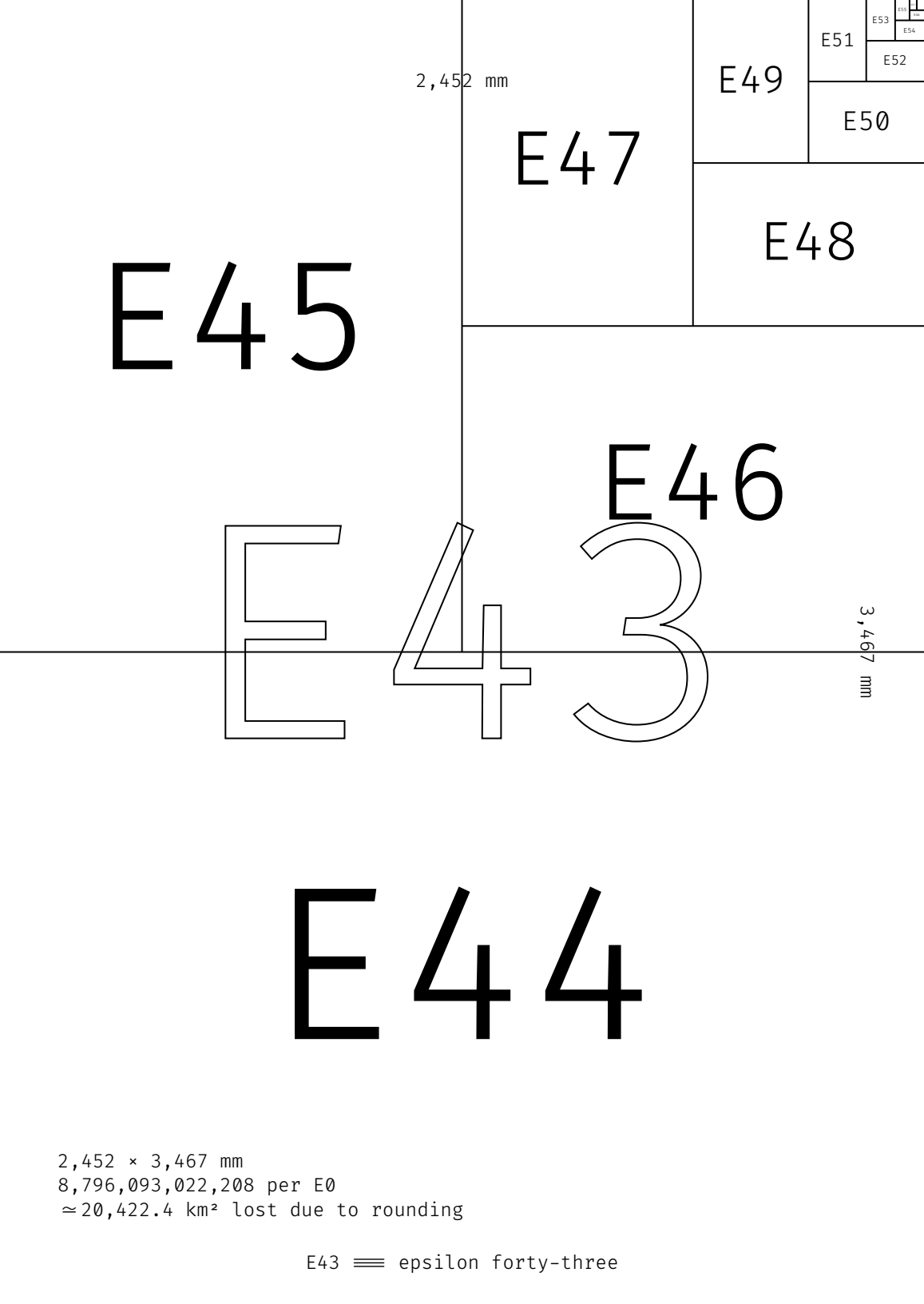
E43

3,467 × 4,904 mm

4,398,046,511,104 per E0

≈ 20,422.4 km² lost due to rounding

E42 ≡ epsilon forty-two



E53
E54

E51

E52

E50

E49

E48

2,452 mm

E47

E45

E46

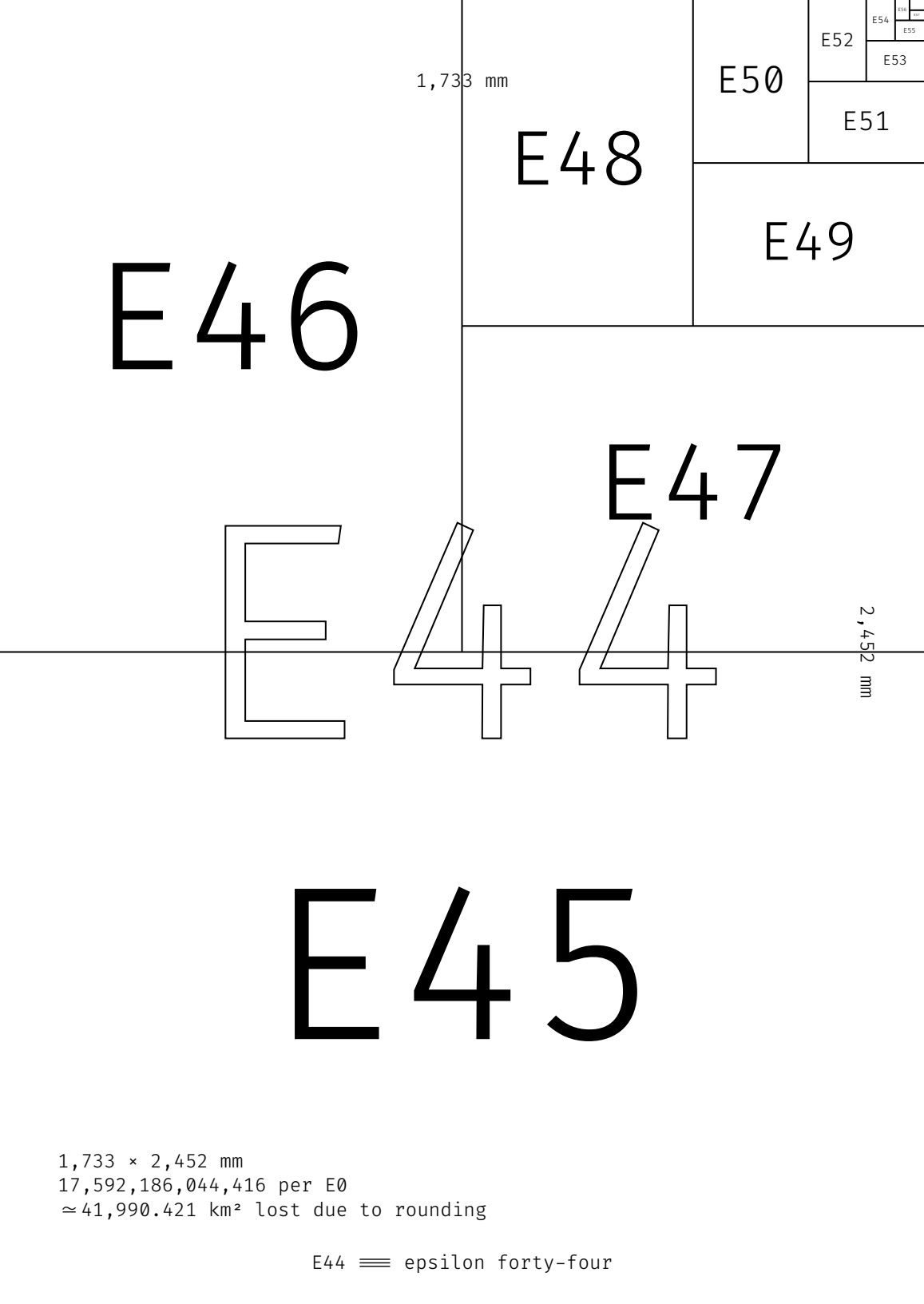
E 4 3

3,467 mm

E44

2,452 × 3,467 mm
8,796,093,022,208 per E0
≈ 20,422.4 km² lost due to rounding

E43 ≡ epsilon forty-three



1,733 mm

E50

E52

E54
E55

E53

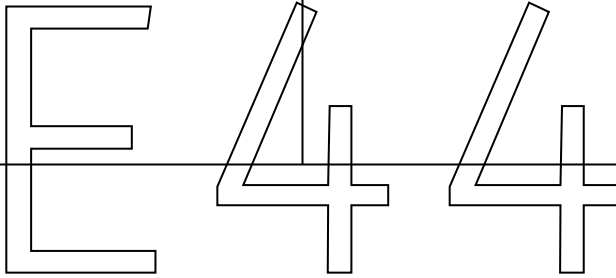
E51

E48

E49

E46

E47



2,452 mm

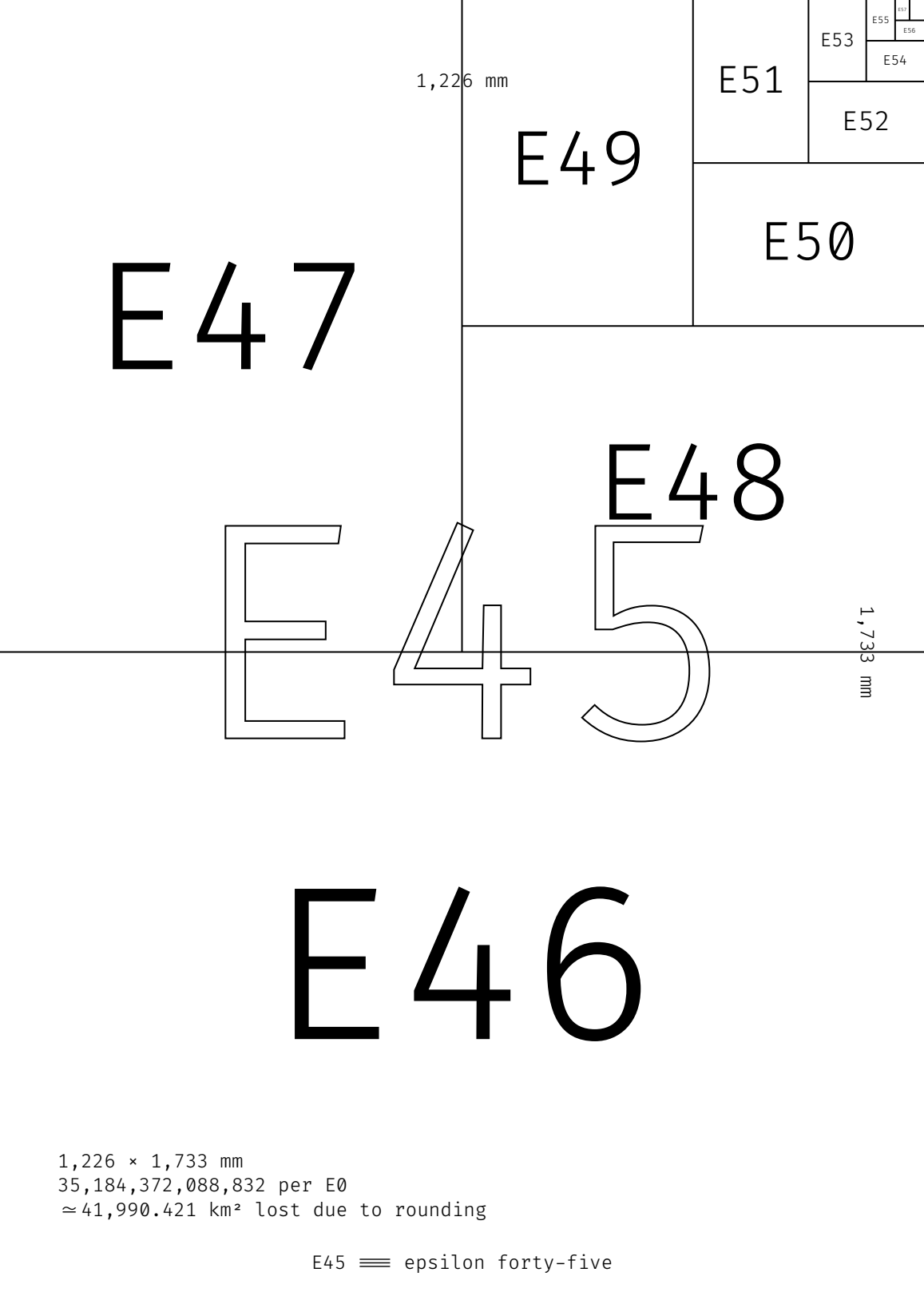
E45

1,733 × 2,452 mm

17,592,186,044,416 per E0

≈ 41,990.421 km² lost due to rounding

E44 ≡ epsilon forty-four



1,226 mm

E51

E53

E55

E56

E54

E52

E49

E50

E47

E48

E45

1,733 mm

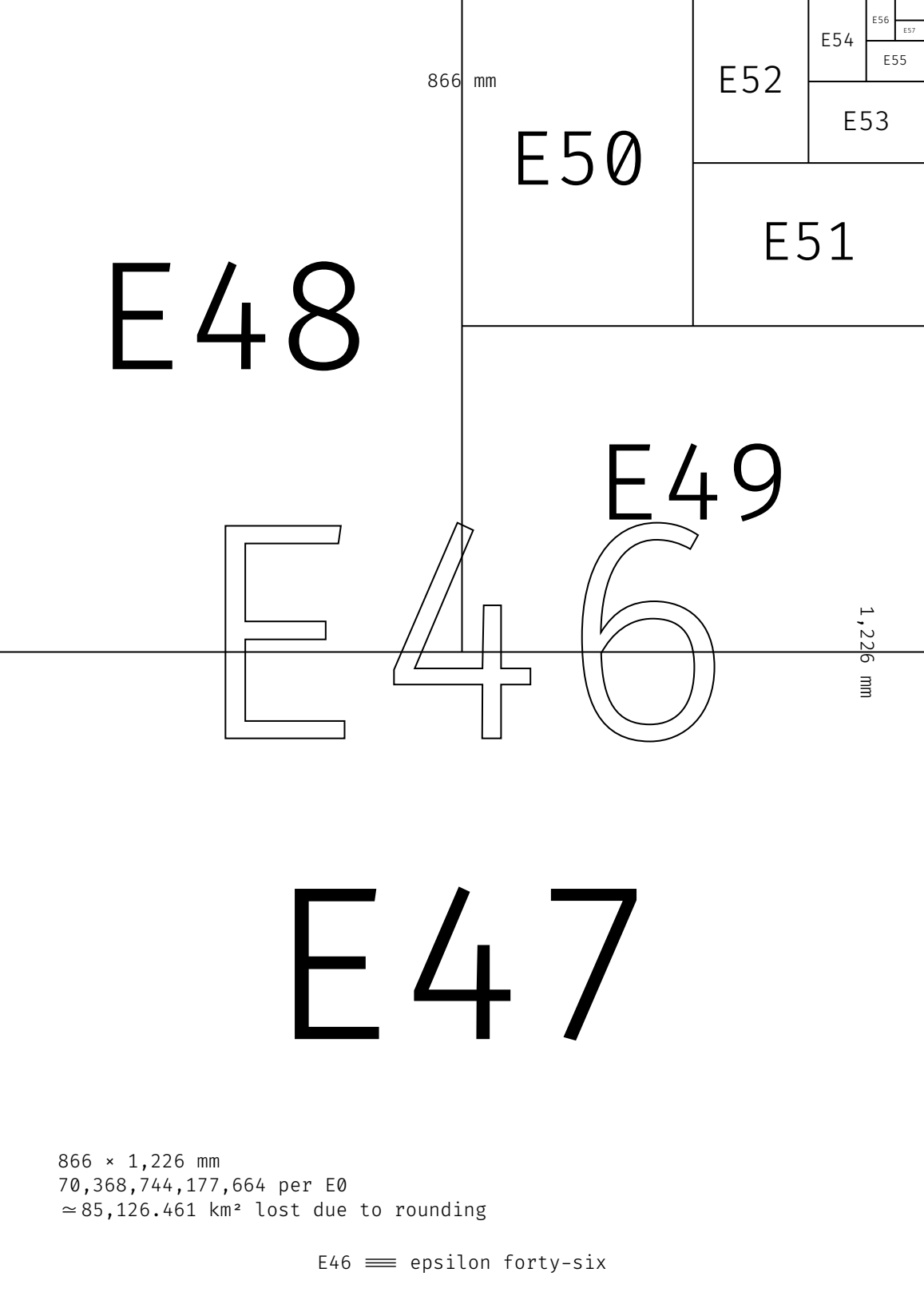
E46

1,226 × 1,733 mm

35,184,372,088,832 per E0

≈ 41,990.421 km² lost due to rounding

E45 ≡ epsilon forty-five



E48

866 mm

E50

E52

E54

E56

E57

E55

E53

E51

E49

E46

1,226 mm

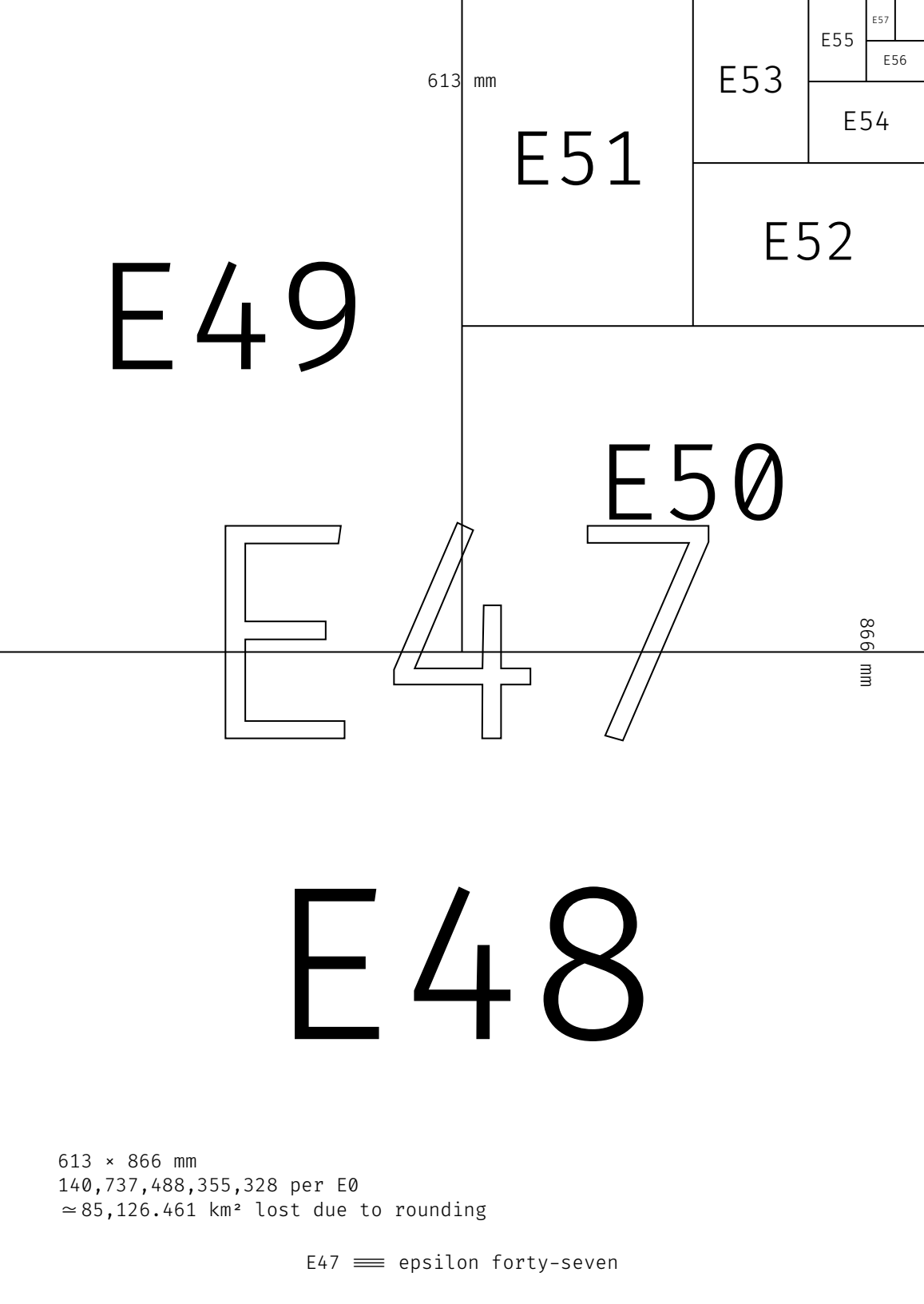
E47

866 × 1,226 mm

70,368,744,177,664 per E0

≈ 85,126.461 km² lost due to rounding

E46 ≡ epsilon forty-six



613 mm

E55

E57

E56

E53

E54

E51

E52

E49

E50

E47

866 mm

E48

613 × 866 mm

140,737,488,355,328 per E0

≈ 85,126.461 km² lost due to rounding

E47 ≡ epsilon forty-seven

E50

433 mm

E52

E54

E56

E57

E55

E53

E51

E48

613 mm

E49

433 × 613 mm

281,474,976,710,656 per E0

≈ 85,126.461 km² lost due to rounding

E48 ≡ epsilon forty-eight

E51

306 mm

E53

E55

E57

E56

E54

E52

E49

433 mm

E50

306 × 433 mm

562,949,953,421,312 per E0

≈ 207,005.126 km² lost due to rounding

E49 ≡ epsilon forty-nine

E52

216 mm

E54

E56

E57

E55

E53

E50

306 mm

E51

216 × 306 mm

1,125,899,906,842,624 per E0

≈ 379,267.811 km² lost due to rounding

E50 ≡ epsilon fifty

E53

153 mm

E55

E57

E56

E54

E51

216 mm

E52

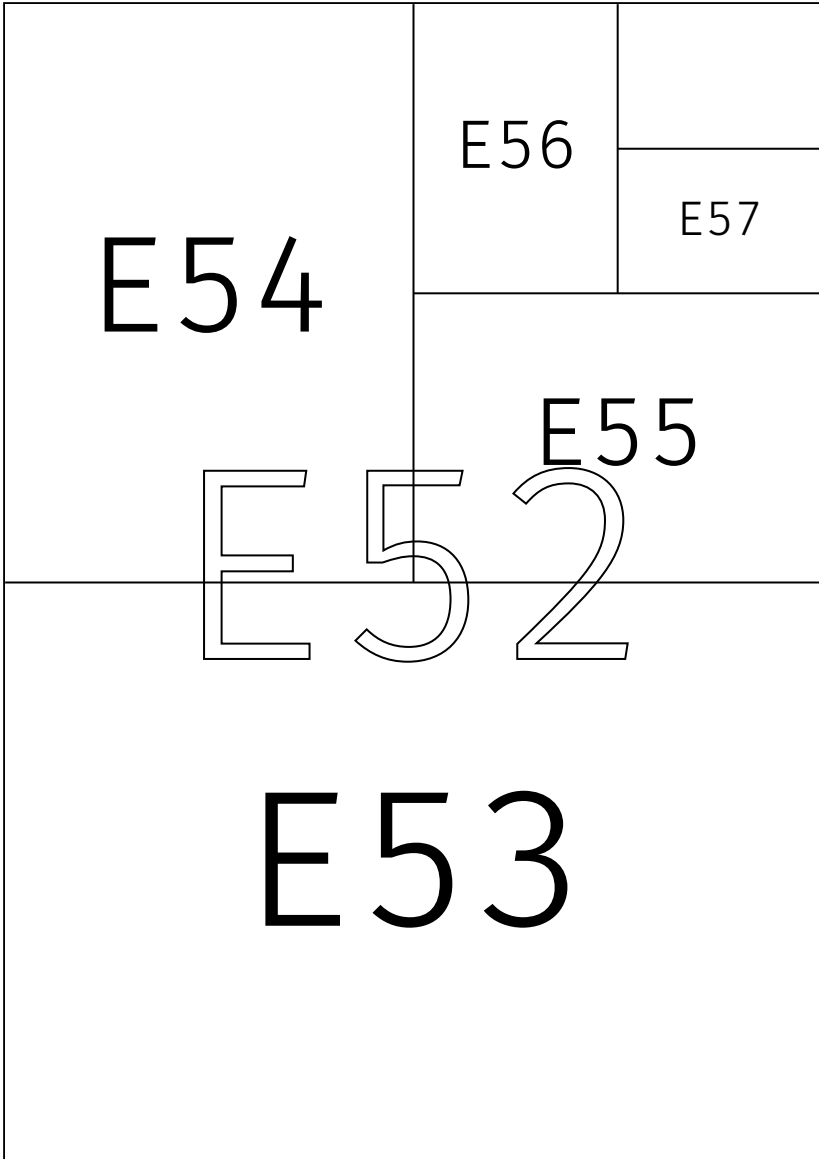
153 × 216 mm

2,251,799,813,685,248 per E0

≈ 379,267.811 km² lost due to rounding

E51 ≡ epsilon fifty-one

108 mm



153 mm

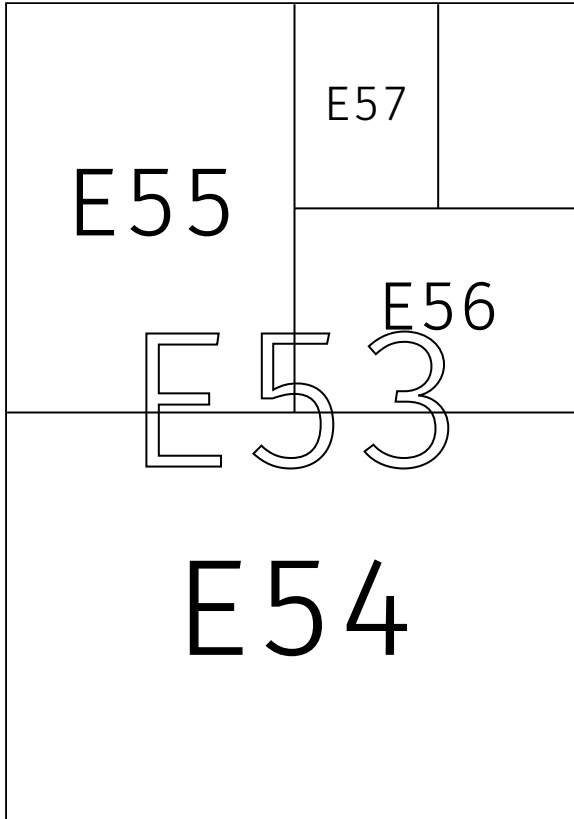
108 × 153 mm

4,503,599,627,370,496 per E0

≈ 379,267.811 km² lost due to rounding

E52 ≡ epsilon fifty-two

76 mm



108 mm

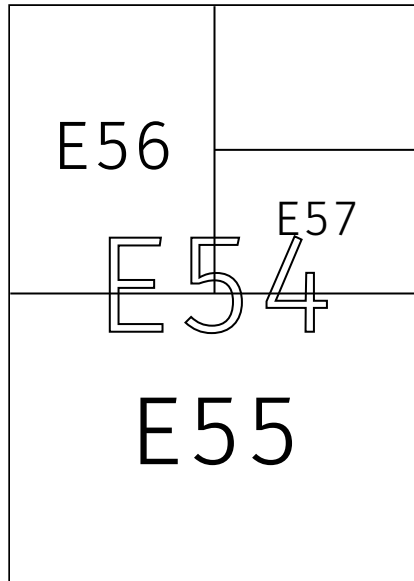
76 × 108 mm

9,007,199,254,740,992 per E0

≈ 865,656.571 km² lost due to rounding

E53 ≡ epsilon fifty-three

54 mm



76 mm

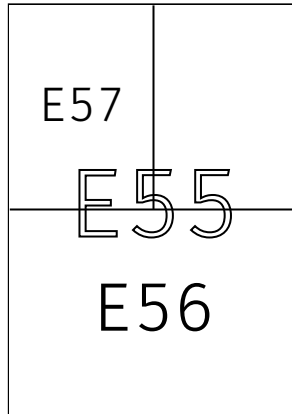
54 × 76 mm

18,014,398,509,481,984 per E0

≈ 865,656.571 km² lost due to rounding

E54 ≡ epsilon fifty-four

38 mm



54 mm

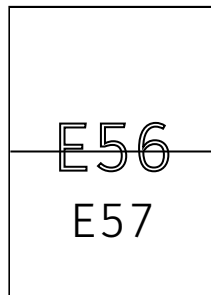
38 × 54 mm

36,028,797,018,963,968 per E0

≈ 865,656.571 km² lost due to rounding

E55 ≡ epsilon fifty-five

27 mm



38 mm

27 × 38 mm

72,057,594,037,927,936 per E0

≈ 865,656.571 km² lost due to rounding

E56 ≡ epsilon fifty-six

19 mm



27 mm

19 × 27 mm

144,115,188,075,855,872 per E0

≈ 865,656.571 km² lost due to rounding

E57 ≡ epsilon fifty-seven