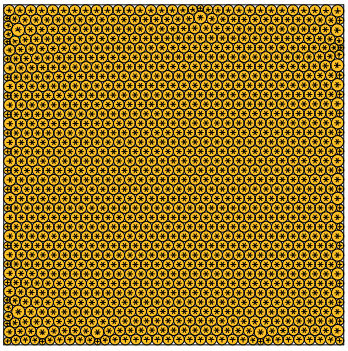
N = 1141

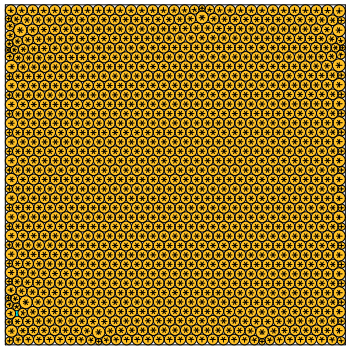
1141 circles in a square



sumradii = 18.033305088870 density = 0.900374144524
sumperim = 113.306597574276 contacts = 3423

N = 1142

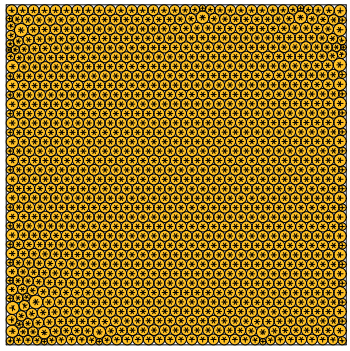
1142 circles in a square



sumradii = 18.040136063063 density = 0.900242701257
sumperim = 113.349517850956 contacts = 3426

N = 1143

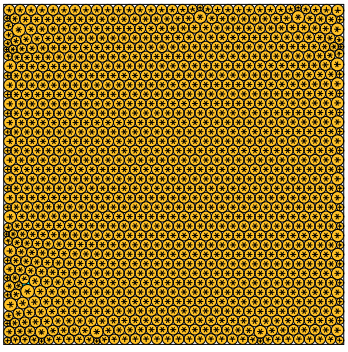
1143 circles in a square



sumradii = 18.045580952630 density = 0.900382405654
sumperim = 113.383729101085 contacts = 3429

N = 1144

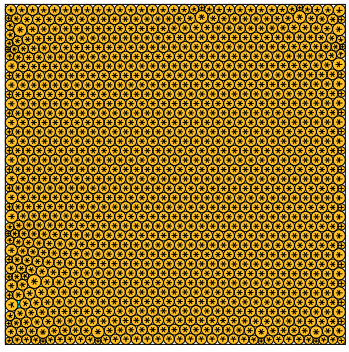
1144 circles in a square



sumradii = 18.051045035975 density = 0.900373841473
sumperim = 113.418060949275 contacts = 3432

N = 1145

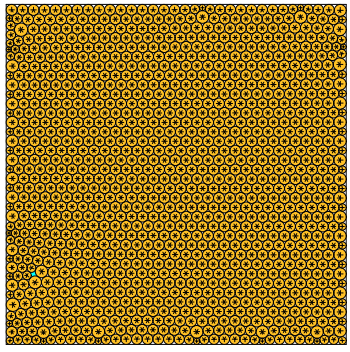
1145 circles in a square



sumradii = 18.056521385585 density = 0.900389788419
sumperim = 113.452469868682 contacts = 3435

N = 1146

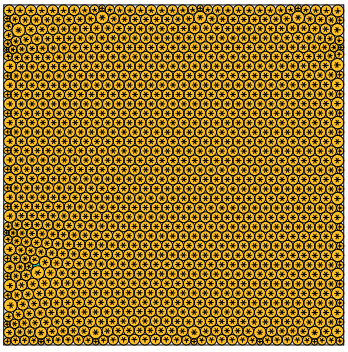
1146 circles in a square



sumradii = 18.062328857994 density = 0.900408034403
sumperim = 113.488959293995 contacts = 3438

N = 1147

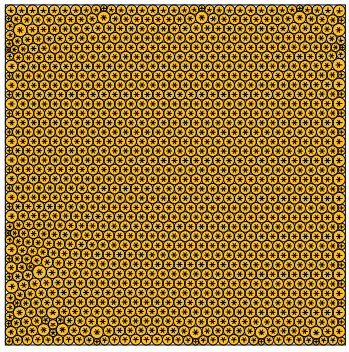
1147 circles in a square



sumradii = 18.068781380357 density = 0.900515259866
sumperim = 113.529501687698 contacts = 3441

N = 1148

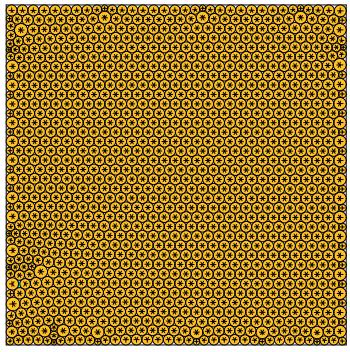
1148 circles in a square



sumradii = 18.076575735798 density = 0.900521342424
sumperim = 113.578475067287 contacts = 3444

N = 1149

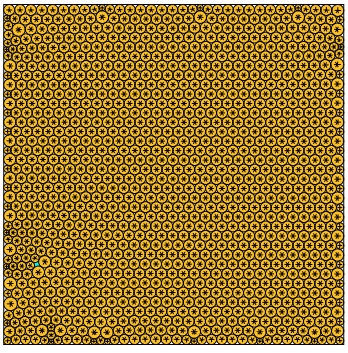
1149 circles in a square



sumradii = 18.081458847991 density = 0.900516194831
sumperim = 113.609156566067 contacts = 3447

N = 1150

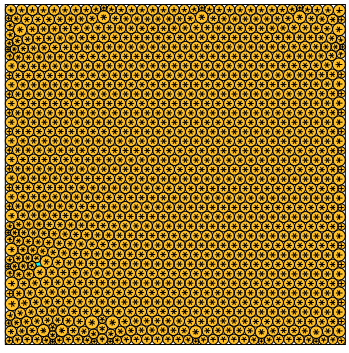
1150 circles in a square



sumradii = 18.086284869154 density = 0.900513332561
sumperim = 113.639479351335 contacts = 3450

N = 1151

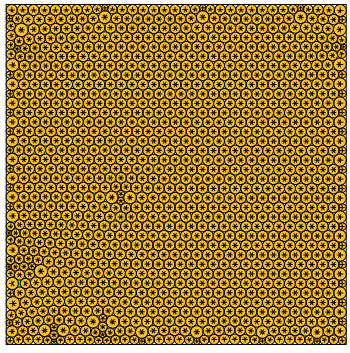
1151 circles in a square



sumradii = 18.093426627380 density = 0.900525721063
sumperim = 113.684352341684 contacts = 3453

N = 1152

1152 circles in a square



sumradii = 18.100638066738 density = 0.900536040655
sumperim = 113.729663151504 contacts = 3456